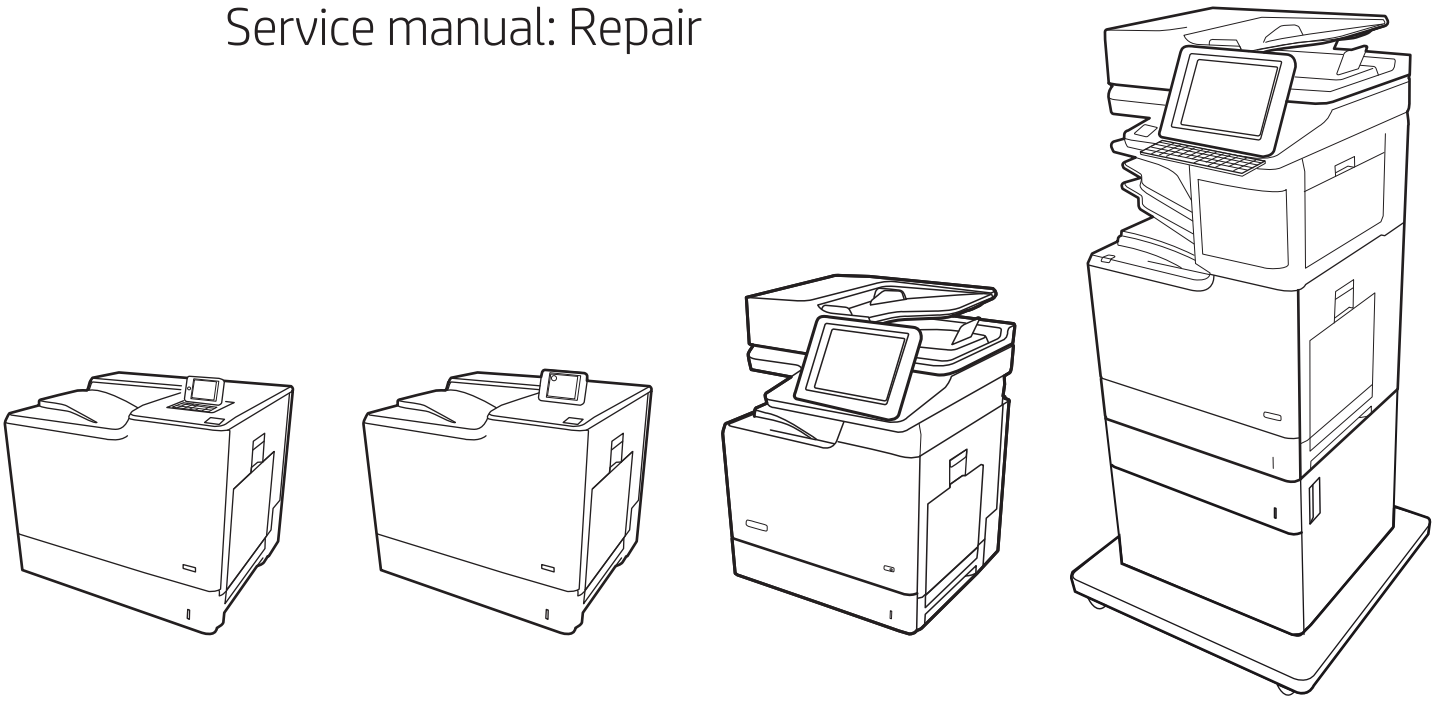
HP Color LaserJet Enterprise M652, M653
HP Color LaserJet Managed E65050, E65060
HP Color LaserJet Managed E65150, E65160
HP Color LaserJet Enterprise MFP M681, M682
HP Color LaserJet Managed MFP E67550, E67560
HP Color LaserJet Managed MFP E67650, E67660

Service manual: Repair



www.hp.com/videos/LaserJet
www.hp.com/support/colorlj652
www.hp.com/support/colorlj653
www.hp.com/support/ljE65050
www.hp.com/support/ljE65060
www.hp.com/support/colorljE65150
www.hp.com/support/colorljE65160
www.hp.com/support/colorljM681MFP
www.hp.com/support/colorljM682MFP
www.hp.com/support/ljE67550MFP
www.hp.com/support/ljE67560MFP
www.hp.com/support/colorljE67650MFP
www.hp.com/support/colorljE67660MFP

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Service manual: Repair

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Edition 9, 12/2020

Revision history

Table A-1 Revision history

Revision number	Revision date	Revision notes
9	December 2020	• Correccted kit (E67650/E67660) Formatter kit part number 3GY13-67901 to be 3GY31-67901
8	May 2020	Added revision table • Added service part number for stapler cartridges on page 1650 • Added control panel kit number on page 1663

Conventions used in this guide

TIP: Helpful hints or shortcuts.

NOTE: Information that explains a concept or how to complete a task.

Reinstallation tip: Reinstallation helpful hints, shortcuts, or considerations.

IMPORTANT: Information that help the user to avoid potential printer error conditions.

CAUTION: Procedures that the user must follow to avoid losing data or damaging the printer.

WARNING! Procedures that the user must follow to avoid personal injury, catastrophic loss of data, or extensive damage to the printer.

HP service and support

Learn about HP access to additional service and support information.

Additional service and support for channel partners

Channel partners, go to partner.hp.com, and then use the steps below to access the HP Web-based Interactive Search Engine (WISE).

Access WISE for Channel partners

1. Select **Services & Support**, and then select **Services Delivery**.
2. Select **Technical Support**, and then select **Technical Documentation**.

Find information about the following topics

- Service manuals
- Service advisories
- Up-to-date control panel message (CPMD) troubleshooting
- Install and configur
- Printer specification
- Solutions for printer issues and emerging issues
- Remove and replace part instructions and videos
- Warranty and regulatory information

Additional service and support for HP internal personnel

HP internal personnel, go to one of the following Web-based Interactive Search Engine (WISE) sites:

Americas (AMS)

- https://support.hp.com/wise/home/ams-enWISE - English
- https://support.hp.com/wise/home/ams-esWISE - Spanish
- https://support.hp.com/wise/home/ams-ptWISE - Portuguese
- https://support.hp.com/wise/home/ams-frWISE - French

Asia Pacifi / Japan (APJ)

- https://support.hp.com/wise/home/apj-enWISE - English
- https://support.hp.com/wise/home/apj-jaWISE - Japanese
- https://support.hp.com/wise/home/apj-koWISE - Korean
- https://support.hp.com/wise/home/apj-zh-HansWISE - Chinese (simplified

- https://support.hp.com/wise/home/apj-zh-HantWISE - Chinese (traditional)
- https://support.hp.com/wise/home/apj-thWISE - Thai

Europe / Middle East / Africa (EMEA)

– https://support.hp.com/wise/home/emea-enWISE - English

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1 Removal and replacement

- HP service and support
- Removal and replacement strategy
- Service approach
- Removal and replacement procedures

HP service and support

Learn about HP access to additional service and support information.

Additional service and support for channel partners

Channel partners, go to partner.hp.com, and then use the steps below to access the HP Web-based Interactive Search Engine (WISE).

Access WISE for Channel partners

1. Select **Services & Support**, and then select **Services Delivery**.
2. Select **Technical Support**, and then select **Technical Documentation**.

Find information about the following topics

- Service manuals
- Service advisories
- Up-to-date control panel message (CPMD) troubleshooting
- Install and configur
- Printer specification
- Solutions for printer issues and emerging issues
- Remove and replace part instructions and videos
- Warranty and regulatory information

Additional service and support for HP internal personnel

HP internal personnel, go to one of the following Web-based Interactive Search Engine (WISE) sites:

Americas (AMS)

- https://support.hp.com/wise/home/ams-enWISE - English
- https://support.hp.com/wise/home/ams-esWISE - Spanish
- https://support.hp.com/wise/home/ams-ptWISE - Portuguese
- https://support.hp.com/wise/home/ams-frWISE - French

Asia Pacifi / Japan (APJ)

- https://support.hp.com/wise/home/apj-enWISE - English
- https://support.hp.com/wise/home/apj-jaWISE - Japanese
- https://support.hp.com/wise/home/apj-koWISE - Korean
- https://support.hp.com/wise/home/apj-zh-HansWISE - Chinese (simplified

– https://support.hp.com/wise/home/apj-zh-HantWISE - Chinese (traditional)

– https://support.hp.com/wise/home/apj-thWISE - Thai

Europe / Middle East / Africa (EMEA)

– https://support.hp.com/wise/home/emea-enWISE - English

Removal and replacement strategy

Introduction

The printer uses a fiel repair strategy. Defective parts are diagnosed and replaced at the Field Replaceable Unit (FRU) assembly level. Repair normally begins by using the printer internal diagnostics and the following two-step process:

1. Isolate the problem to the major system (for example, the network, server, or printer).
2. Identify the cause of failures according to the printer troubleshooting service manual and follow the disassembly procedures to replace the defective parts or the consumable parts.

After locating a faulty part, the printer can usually be repaired at the assembly level by replacing FRUs. Some mechanical assemblies might need to be repaired at the subassembly level. HP does not support replacement of components on the printed circuit assembles.

The user replaces toner cartridges as they are depleted. Additional instructions about other user-replaceable parts are provided in this section.

The printer tracks the amount of use on the user-replaceable supplies by keeping a page count. The printer prompts the user to replace certain items when a supply is depleted or a specifi number of pages has been printed.

Swapping toner cartridges between products might cause a misrepresentation of supply life values and is not recommended.

Considerations during removal and replacement

This chapter describes the FRUs only.

Replacing FRUs is generally the reverse of removal. Notes are included to provide directions for difficu or critical replacement procedures.

HP does not support repairing individual subassemblies or troubleshooting to the printed-circuit assembly (PCA) component level.

⚠ WARNING! Never operate or service the printer with the protective cover removed from the laser scanner assembly. The reflecte beam, although invisible, can cause damage to the eyes.

The sheet-metal parts can have sharp edges. Be careful when handling sheet-metal parts.

Turn the printer off wait 5 seconds, and then remove the power cord before attempting to service the printer. *If this warning is not followed*, severe injury can result as well as damage to the printer. The power must be on for certain functional checks during troubleshooting. However, the power cord must be disconnected during parts removal. AC voltage is still present inside the printer when the power switch is in the o position. The power cord must be *disconnected* before servicing the printer.

CAUTION: Incorrectly routed or loose wire harnesses might interfere with other internal components or assemblies and be damaged, pinched, or frayed. Make sure that wire harnesses are correctly routed and retained when installing assemblies.

Do not bend or fold the fla flexibl cables (FFCs) during removal or installation.

Do not expose the toner cartridge, or cartridges, to strong light even for a short time.

IMPORTANT: When an assembly is removed that includes a rating plate or tag (or a printer code label), make sure to transfer the plate or tag (or code label) to the replacement assembly.

Do not replace the formatter, DC controller, memory PCA (island of data), and eMMC PCA or hard-disk drive simultaneously during a single printer servicing. Doing so might cause the printer to become unstable or inoperable.

NOTE: During assembly removal and replacement, or if the printer is moved, remove the toner cartridge or cartridges.

Toner is a non-poisonous substance composed of plastic and a small number of colored components. If toner gets on the skin or clothing, wipe it o with dry tissue paper and wash in cold water. Hot water sets toner and it might be difficul or impossible, to remove. Toner easily breaks down vinyl materials, so avoid letting toner contact vinyl.

TIP: Some figure might show assemblies removed or installed that have not yet been removed or installed at that specifi step. However, the procedures are correct for this printer and the target assembly. Always thoroughly read the instructions that accompany each figure

Electrostatic discharge

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Look for the ESD reminder when removing printer parts. Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground *before* touching an ESD-sensitive assembly.

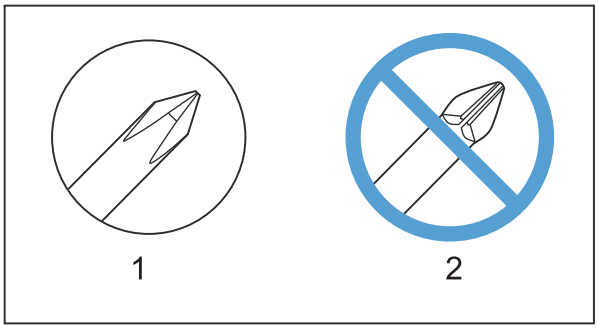
Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

Required tools

- #2 Phillips screwdriver with a magnetic tip and a 152-mm (6-in) shaft length
- Small, flat-blad screwdriver
- Needle-nose pliers
- ESD strap (if one is available)
- Penlight

CAUTION: Always use a #2 Phillips screwdriver (callout 1). Do not use a Pozidriv screwdriver (callout 2) or any motorized screwdriver. These can damage screws or screw threads.

Figure 1-1 Screwdrivers



Fasteners used in this printer

WARNING! Make sure that assemblies are replaced with the correct screw type. Using the incorrect screw (for example, substituting a long screw for the correct shorter screw) can cause damage to the printer or interfere with printer operation. Do not intermix screws that are removed from one assembly with the screws that are removed from another assembly.

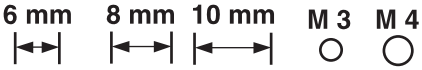
NOTE: To install a self-tapping screw, firs turn it counterclockwise to align it with the existing thread pattern, and then carefully turn it clockwise to tighten. Do not overtighten. If a self-tapping screw hole becomes stripped, repair the screw hole or replace the affecte assembly.

Always take note of the length, diameter, color, type, and location of each removed screw. Make sure that screws are installed in their original location during reinstallation.

Fasteners used in the printer

- Screw, BH M3X10
- Screw, with washer, M3X8
- Screw, D M3X8
- Screw, machine, truss head, M3X6

Figure 1-2 Screw size chart



Service approach

Before performing service

WARNING! Turn the printer off wait 30 seconds, and then remove the power cord before attempting to service the printer. *If this warning is not followed, severe injury and damage to the printer can result.* The power must be on for certain functional checks during troubleshooting. However, the power to the printer should be disconnected during parts removal.

1. Remove all paper.
2. Place the printer on an ESD mat (if available). If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground *before* touching an ESD-sensitive assembly.
3. Remove the toner cartridge or toner cartridges and place a sheet of paper over the exposed drums to protect them from excessive light exposure.
4. Remove the trays.

After performing service

1. Reinstall the toner cartridge or toner cartridges.
2. Reinstall the trays.
3. Return all paper to the trays.
4. Plug in the power cable and turn on the printer.
5. Perform print-quality tests by printing from a host computer or by printing internal configuratio and demo pages.

Post service tests

Print quality test

Use the print-quality troubleshooting pages to help diagnose and solve print-quality problems. For more information, see the printer troubleshooting manual.

NOTE: To get further assistance in print quality troubleshooting, go to www.hp.com/support/colorljM652, www.hp.com/support/colorljM653, www.hp.com/support/colorljE65050, www.hp.com/support/colorljE65060, www.hp.com/support/colorljE65150, www.hp.com/support/colorljE65160, www.hp.com/support/colorljM681MFP, www.hp.com/support/colorljM682MFP, www.hp.com/support/colorljE67550MFP, www.hp.com/support/colorljE67560MFP, www.hp.com/support/colorljE67650MFP, or www.hp.com/support/colorljE67660MFP and select PQ Troubleshooting Tools.

Copy-quality test (M681/M682/E67550/E67560/E67650/E67660 models)

1. Verify that you have completed the necessary reassembly steps.
2. Ensure that the input tray contains clean, unmarked paper.
3. With the power cord attached, turn on the printer.
4. Verify that the expected start up sounds occur.

5. Print a configuratio page, and then verify that the expected printing sounds occur.
6. Place the configuratio page in the document feeder, print a copy job, and then verify the results.
7. Place the configuratio page on the flatbe glass, print a copy job, and then verify the results.

Fax-quality test (M681/M682/E67550/E67560/E67650/E67660 models)

1. Place the configuratio page in the document feeder.
2. Type a valid fax number, and send the fax job.
3. Verify that the send quality and the receive quality meet expectations.

Parts removal orientation

For procedures and/or steps that require identifying the right, left, or rear side of the printer, face the front of the printer for correct orientation.

Removal and replacement procedures

Customer self-repair (CSR) A parts and assemblies

- Install accessory: 1x550-sheet paper feeder
- Install accessory: 1x550-sheet paper feeder with stand
- Install accessory: 3x550-sheet paper feeder with stand
- Install accessory: 2,550-sheet paper feeder with stand
- Install accessory: Jetdirect USB wireless print server
- Install accessory: Jetdirect USB wireless print server with NFC
- Install accessory: Trusted platform module (TPM)
- Install accessory: Internal USB ports
- Install accessory: Foreign interface harness (FIH)
- Removal and replacement: Staple cartridge and carrier (Flow M681z/Flow M682z/Flow E67660z)
- Removal and replacement: embedded MultiMedia Card (eMMC)
- Removal and replacement: Hard disk drive (HDD)
- Removal and replacement: Dual in-line memory module (DIMM)
- Removal and replacement: Fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Removal and replacement: Document feeder rollers
- Removal and replacement: Document feeder separation roller cover
- Removal and replacement: Secondary transfer roller
- Removal and replacement: Intermediate transfer belt (ITB)
- Removal and replacement: Control panels (M652/M653/E65050/E65060/E65150/E65160)
- Removal and replacement: Fuser
- Removal and replacement: White backing
- Removal and replacement: Toner cartridges
- Removal and replacement: Toner collection unit (TCU)
- Removal and replacement: Keyboard (Flow M681z/Flow M682z/Flow E67660z)
- Install: Keyboard overlay (Flow M681z/Flow M682z/Flow E67660z)

The CSR level indicates the expected difficul the customer will experience when removing and replacing an assembly. The CSR A assemblies in this section are easy for the customer to remove and replace.

Install accessory: 1x550-sheet paper feeder

- Introduction
- Step 1: Unpack the accessory
- Step 2: Install the 1x550-sheet paper feeder

Introduction

This document provides the procedures to install the 1x550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

1x550-sheet paper feeder part number	
P1B09-67901	1x550 sheet feeder

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the feeder to make sure that the printer is functioning correctly.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

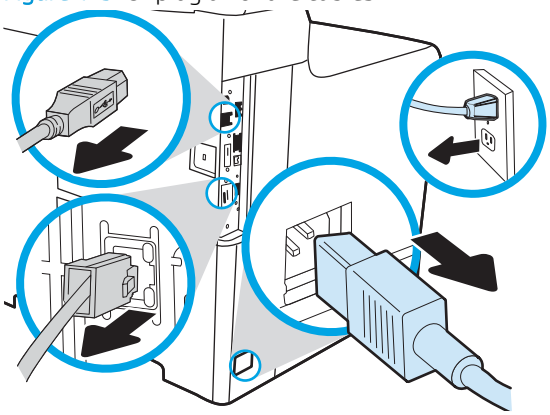
For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the 1x550-sheet paper feeder

⚠ CAUTION: Do not extend more than one paper tray at a time. Do not use paper tray as a step. Keep hands out of paper trays when closing. All trays must be closed when moving the printer.

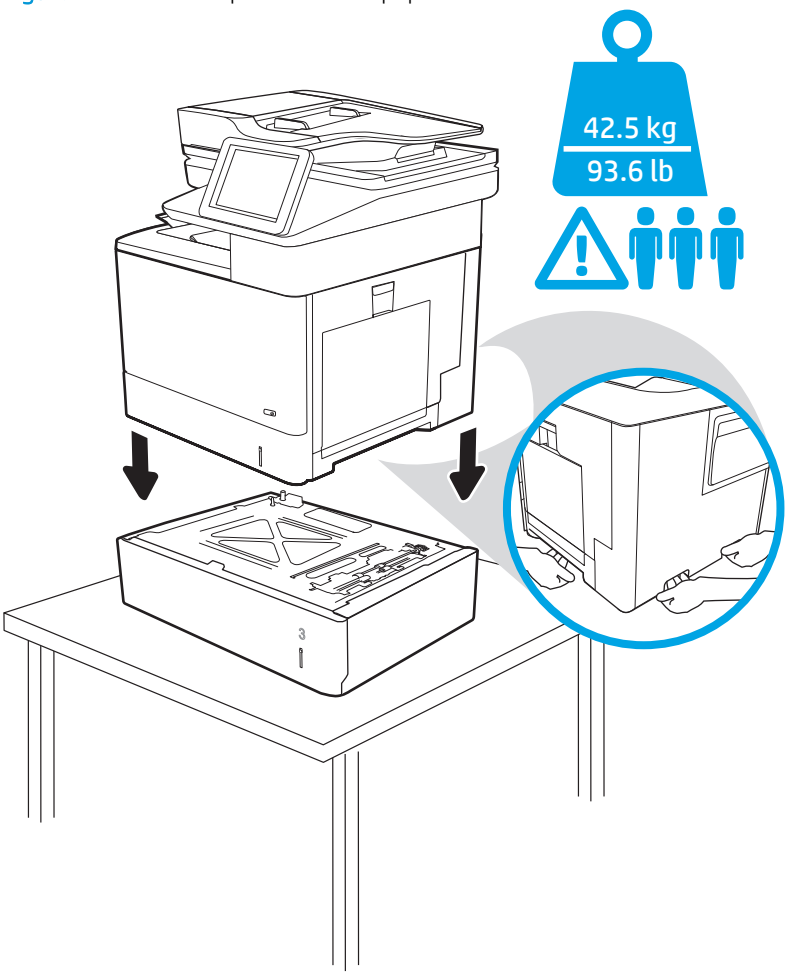
1. Unplug all of the cables attached to the printer.

Figure 1-3 Unplug all of the cables



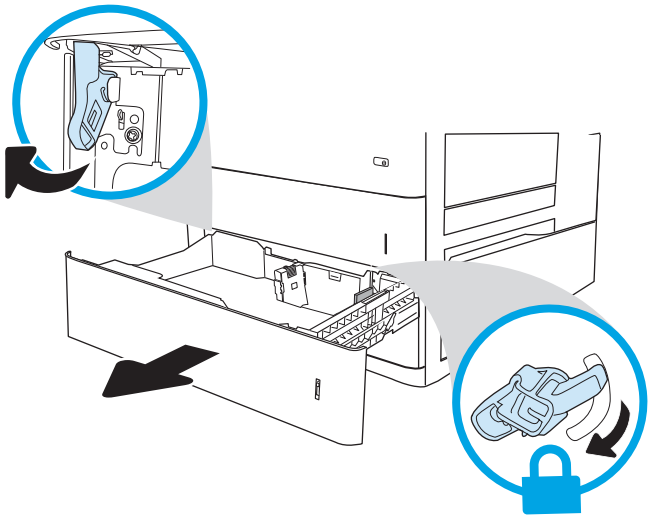
2. Place the paper feeder on a sturdy, level surface. Lift the printer and place it on top of the paper feeder.

Figure 1-4 Place the printer on the paper feeder



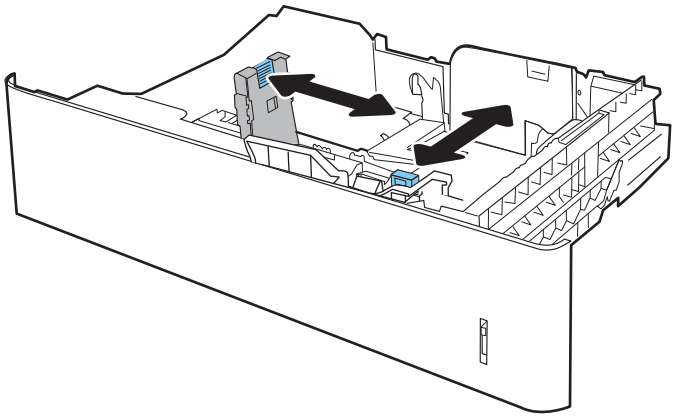
3. Remove the paper tray in the paper feeder, and then engage two locks at the front of the tray opening to secure the printer to the paper feeder.

Figure 1-5 Engage two locks



4. Before loading paper, open the paper guides by squeezing the blue adjustment latches and sliding the guides out as far as they will go.

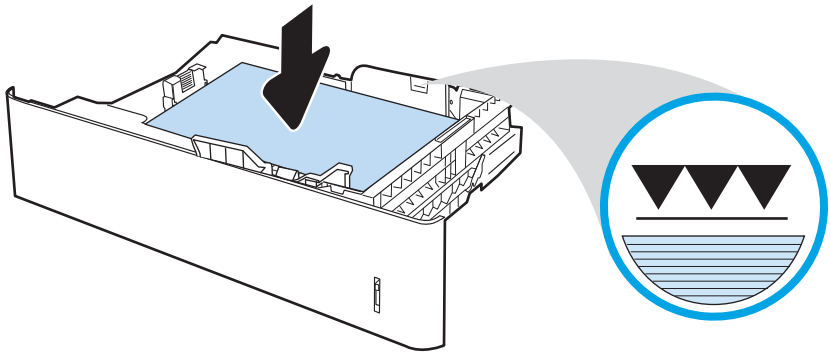
Figure 1-6 Open the paper guides



5. Load paper into the tray.

NOTE: To prevent jams, do not overfil the tray. Be sure that the top of the stack is below the tray full indicator.

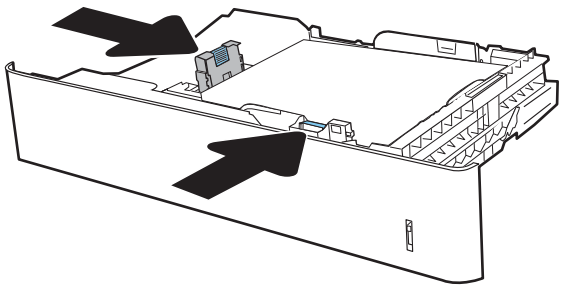
Figure 1-7 Load paper into the tray



6. Adjust the paper guides so that the guides lightly touch the stack, but do not bend it.

NOTE: Do not adjust the paper guides tightly against the paper stack. Adjust them to the indentations or markings in the tray.

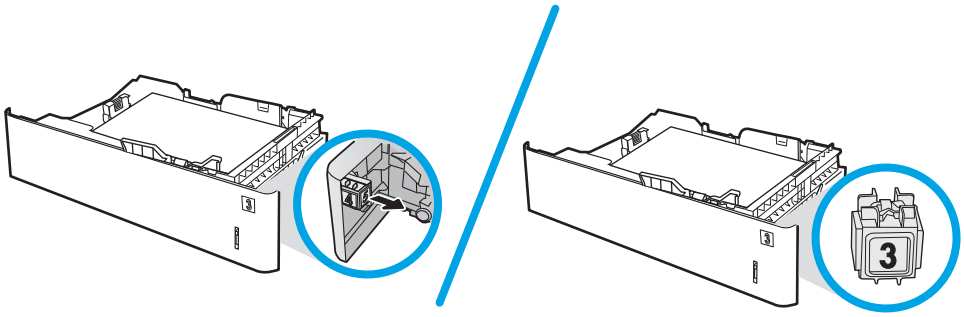
Figure 1-8 Adjust the paper guides



NOTE: If the tray requires fixe tray guides installed, move that hardware to the new tray. If necessary, order a new fixe tray guide kit: 3GY25-90908 Kit-Fixed Tray Guide. Only one kit is required per engine.

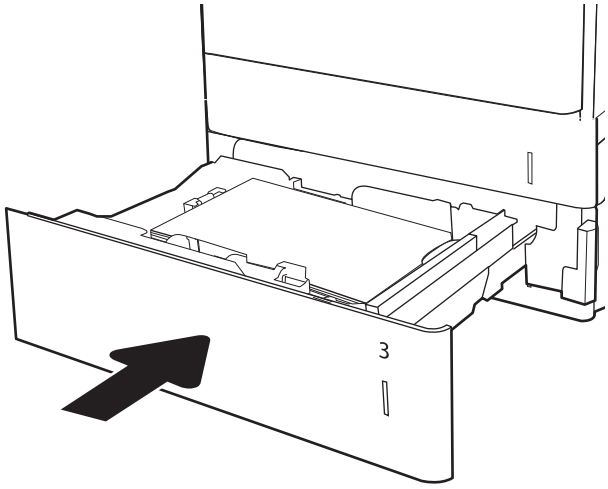
7. If necessary, remove the paper tray number indicator on the tray, and then rotate the indicator so that the tray number correctly reflect the printer's tray configuration Install the indicator in the tray with the correct tray number facing outward.

Figure 1-9 Remove the paper tray number indicator



8. Install the paper tray.

Figure 1-10 Install the paper tray



Install accessory: 1x550-sheet paper feeder with stand

- Introduction
- Step 1: Unpack the accessory
- Step 2: Install the 1x550-sheet paper feeder with stand

Introduction

This document provides the procedures to install the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

1x550-sheet paper feeder with stand part number	
P1B10-67901	1x550 sheet stand

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the feeder to make sure that the printer is functioning correctly.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

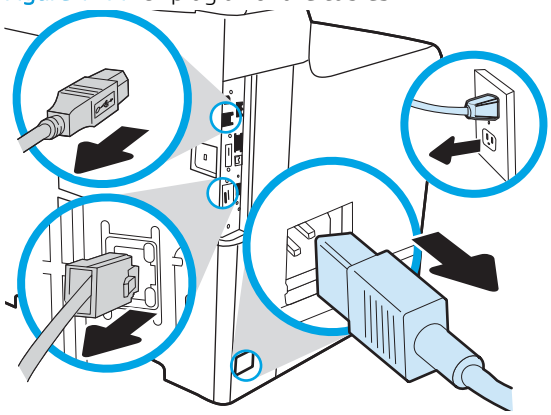
For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the 1x550-sheet paper feeder with stand

⚠ CAUTION: Do not extend more than one paper tray at a time. Do not use paper tray as a step. Keep hands out of paper trays when closing. All trays must be closed when moving the printer.

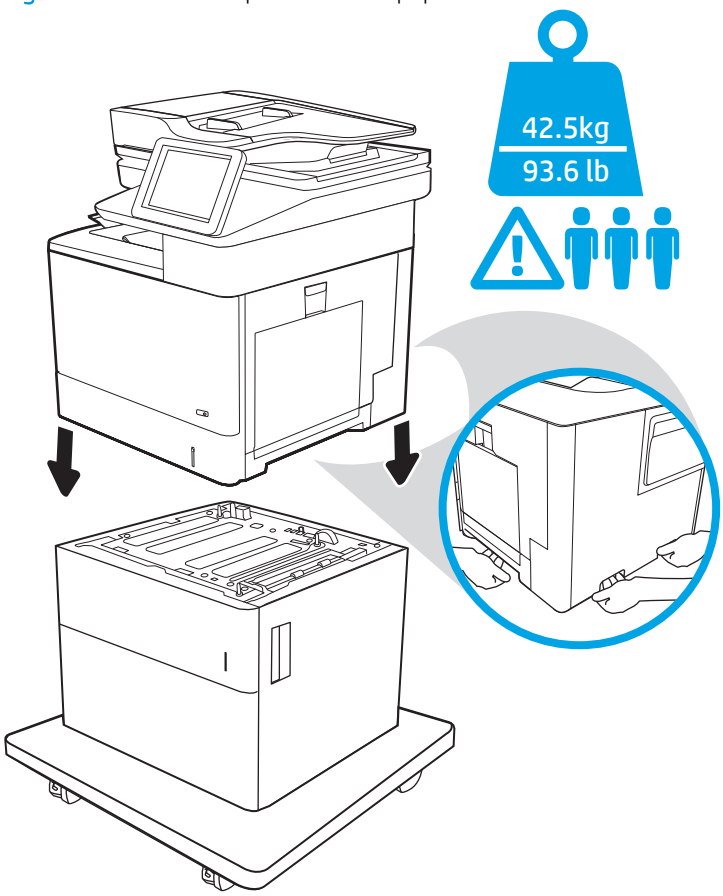
1. Unplug all of the cables attached to the printer.

Figure 1-11 Unplug all of the cables



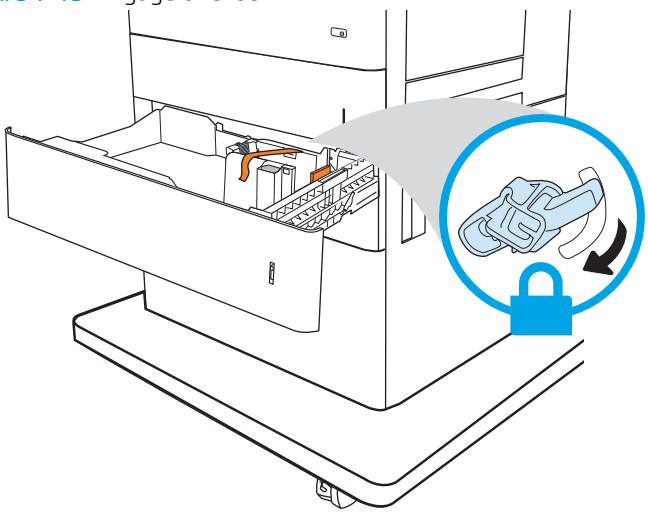
2. Lift the printer and place it on top of the paper feeder.

Figure 1-12 Place the printer on the paper feeder



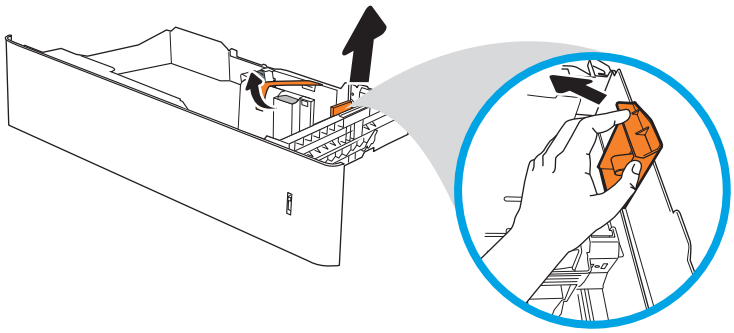
3. Remove the paper tray in the paper feeder, and then engage one lock at the front of the tray opening to secure the printer to the paper feeder.

Figure 1-13 Engage one lock



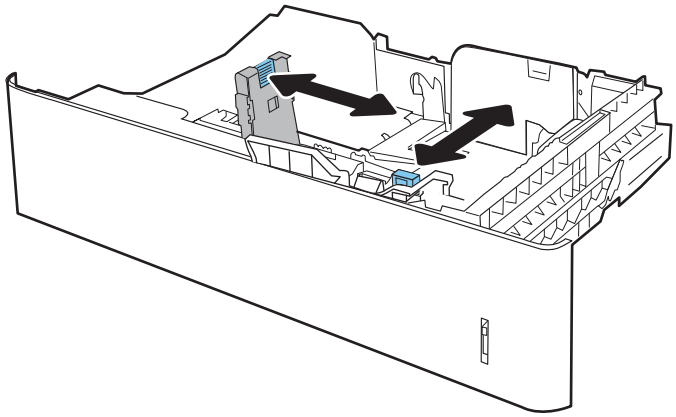
4. Locate the orange shipping lock inside the paper tray. Twist the lock to release it, and then lift it straight up to remove it. Remove all other packing material inside the tray.

Figure 1-14 Remove the orange shipping lock



5. Before loading paper, open the paper guides by squeezing the blue adjustment latches and sliding the guides out as far as they will go.

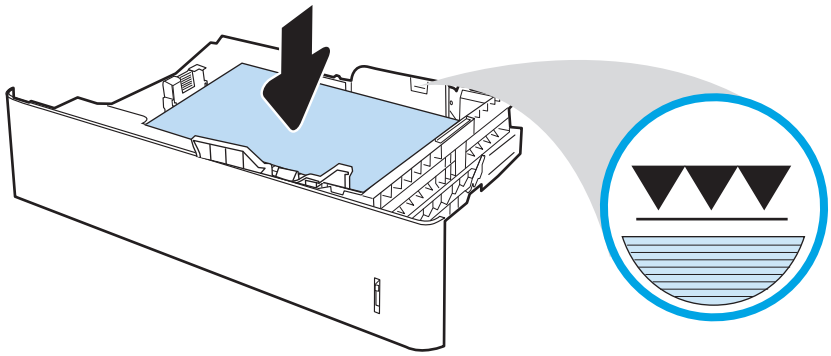
Figure 1-15 Open the paper guides



6. Load paper into the tray.

NOTE: To prevent jams, do not overfil the tray. Be sure that the top of the stack is below the tray full indicator.

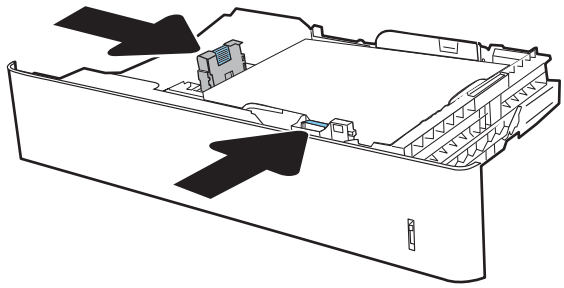
Figure 1-16 Load paper into the tray



7. Adjust the paper guides so that the guides lightly touch the stack, but do not bend it.

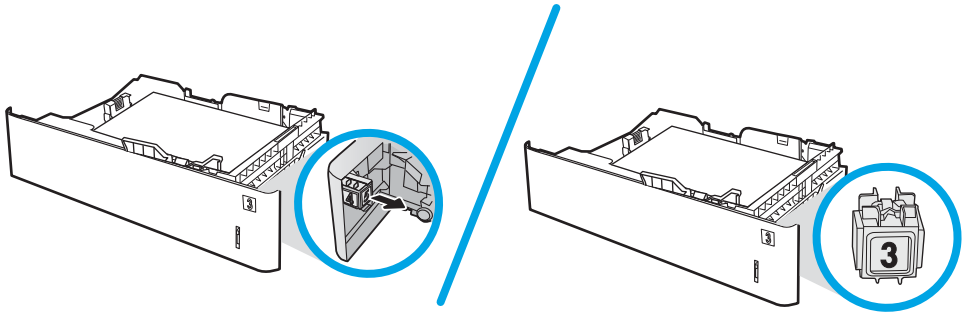
NOTE: Do not adjust the paper guides tightly against the paper stack. Adjust them to the indentations or markings in the tray.

Figure 1-17 Adjust the paper guides



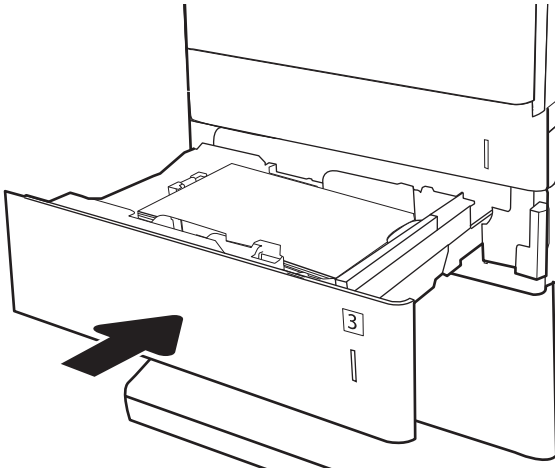
8. If necessary, remove the paper tray number indicator on the tray, and then rotate the indicator so that the tray number correctly reflect the printer's tray configuration Install the indicator in the tray with the correct tray number facing outward.

Figure 1-18 Remove the paper tray number indicator



9. Install the paper tray.

Figure 1-19 Install the paper tray



Install accessory: 3x550-sheet paper feeder with stand

- Introduction
- Step 1: Unpack the accessory
- Step 2: Install the 3x550-sheet paper feeder with stand

Introduction

This document provides the procedures to install the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

3x550-sheet paper feeder with stand part number	
P1B11-67901	3x550 sheet stand

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the feeder to make sure that the printer is functioning correctly.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

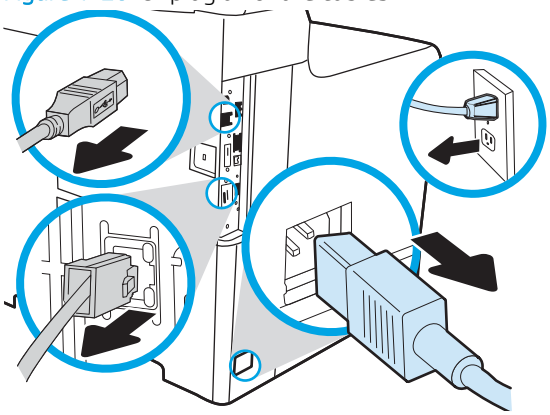
For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the 3x550-sheet paper feeder with stand

⚠ CAUTION: Do not extend more than one paper tray at a time. Do not use paper tray as a step. Keep hands out of paper trays when closing. All trays must be closed when moving the printer.

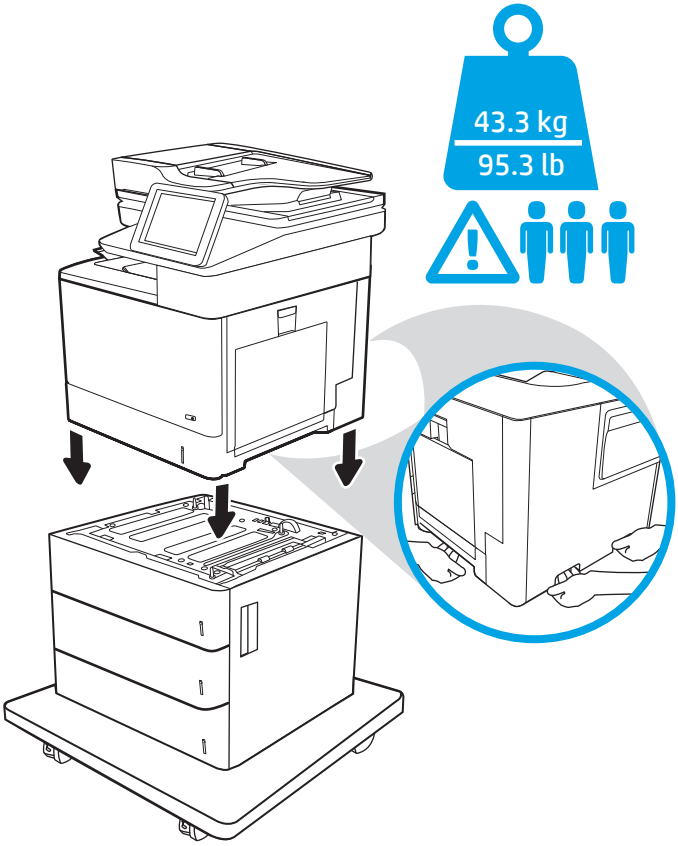
1. Unplug all of the cables attached to the printer.

Figure 1-20 Unplug all of the cables



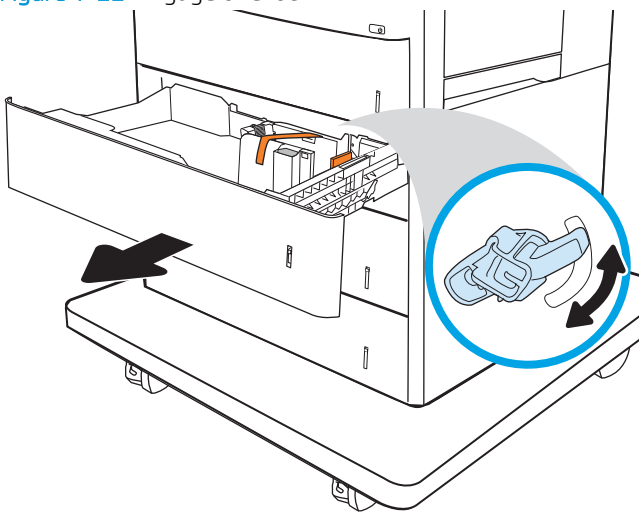
2. Lift the printer and place it on top of the paper feeder.

Figure 1-21 Place the printer on the paper feeder



3. Open the top paper tray in the paper feeder, and then engage one lock at the front of the tray opening to secure the printer to the paper feeder.

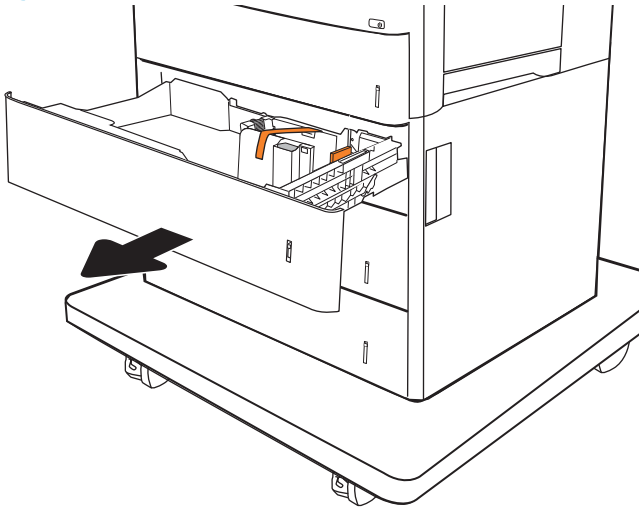
Figure 1-22 Engage one lock



4. Repeat the following steps for each paper tray:

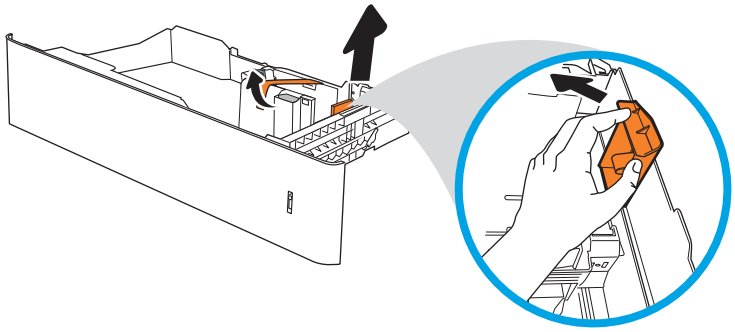
   a. Remove the paper tray

Figure 1-23 Remove the paper tray



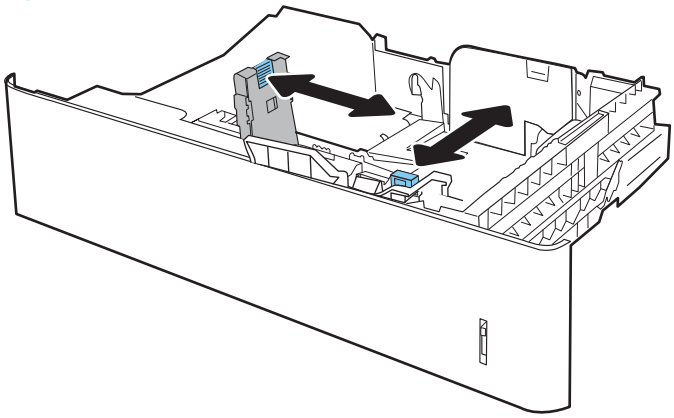
b. Locate the orange shipping lock inside the paper tray. Twist the lock to release it, and then lift it straight up to remove it. Remove all other packing material inside the tray.

Figure 1-24 Remove the orange shipping lock



c. Before loading paper, open the paper guides by squeezing the blue adjustment latches and sliding the guides out as far as they will go.

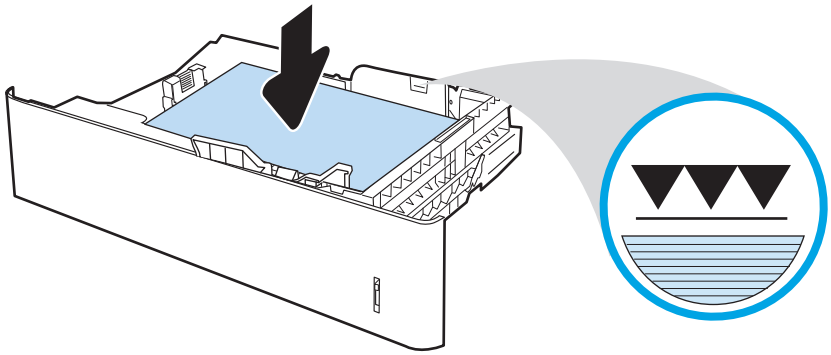
Figure 1-25 Open the paper guides



d. Load paper into the tray.

NOTE: To prevent jams, do not overfil the tray. Be sure that the top of the stack is below the tray full indicator.

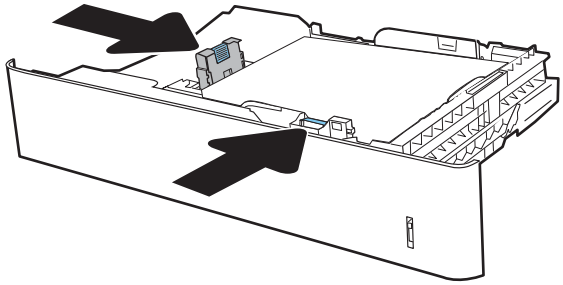
Figure 1-26 Load paper into the tray



e. Adjust the paper guides so that the guides lightly touch the stack, but do not bend it.

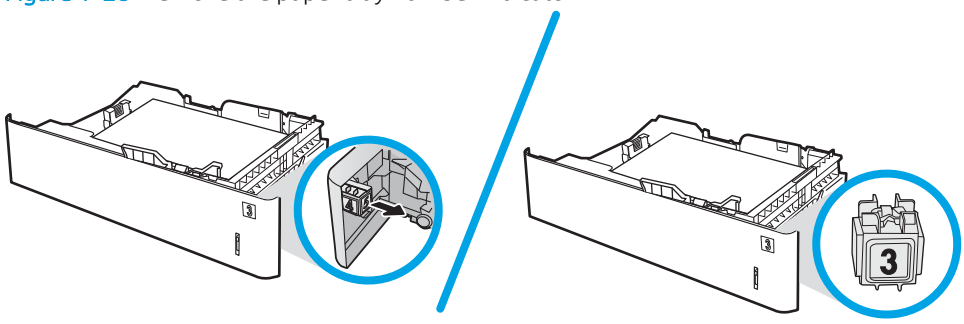
NOTE: Do not adjust the paper guides tightly against the paper stack. Adjust them to the indentations or markings in the tray.

Figure 1-27 Adjust the paper guides



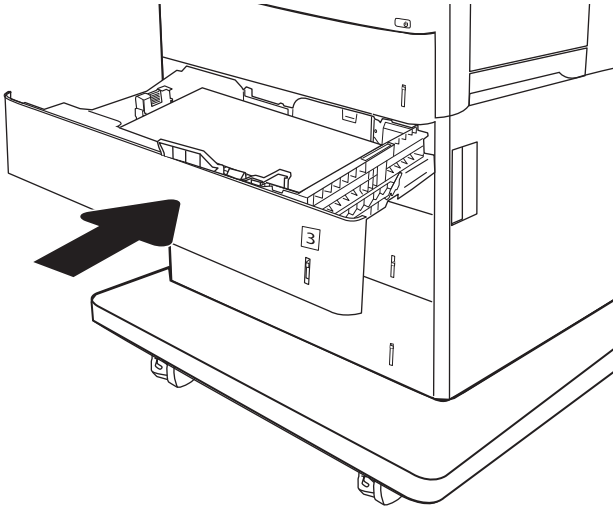
f. If necessary, remove the paper tray number indicator on the tray, and then rotate the indicator so that the tray number correctly reflect the printer's tray configuration Install the indicator in the tray with the correct tray number facing outward.

Figure 1-28 Remove the paper tray number indicator



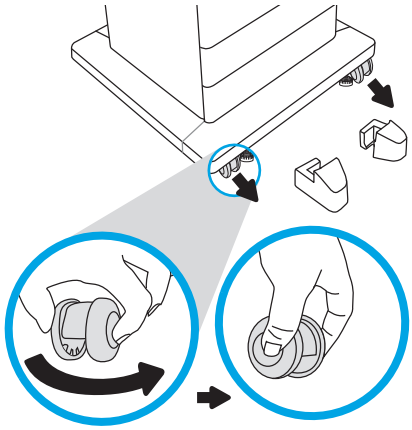
g. Install the paper tray.

Figure 1-29 Install the paper tray



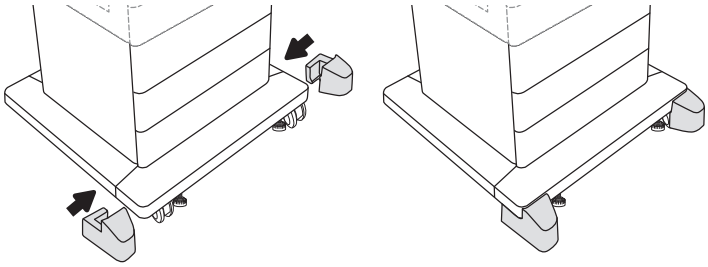
5. In preparation for installing the caster covers, at the front of the paper feeder, position the wheels so they face forward.

Figure 1-30 Position the wheels



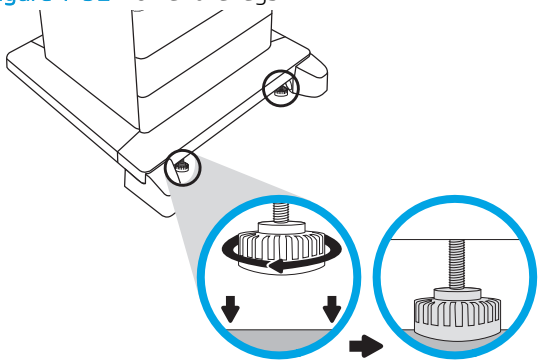
6. Position the caster covers, and then slide them toward the paper feeder to install them.

Figure 1-31 Install the caster covers



7. Lower the legs on the paper feeder so that they rest securely on the floor

Figure 1-32 Lower the legs



Install accessory: 2,550-sheet paper feeder with stand

- Introduction
- Step 1: Unpack the accessory
- Step 2: Install the 2,550-sheet paper feeder with stand

Introduction

This document provides the procedures to install the 2,550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

2,550-sheet paper feeder with stand part number	
P1B12-67901	HCI stand

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the feeder to make sure that the printer is functioning correctly.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

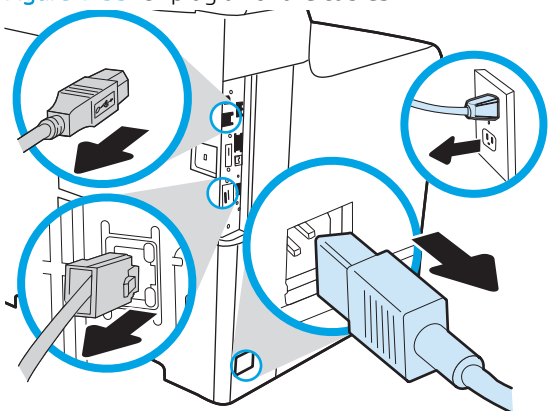
For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the 2,550-sheet paper feeder with stand

⚠ CAUTION: Do not extend more than one paper tray at a time. Do not use paper tray as a step. Keep hands out of paper trays when closing. All trays must be closed when moving the printer.

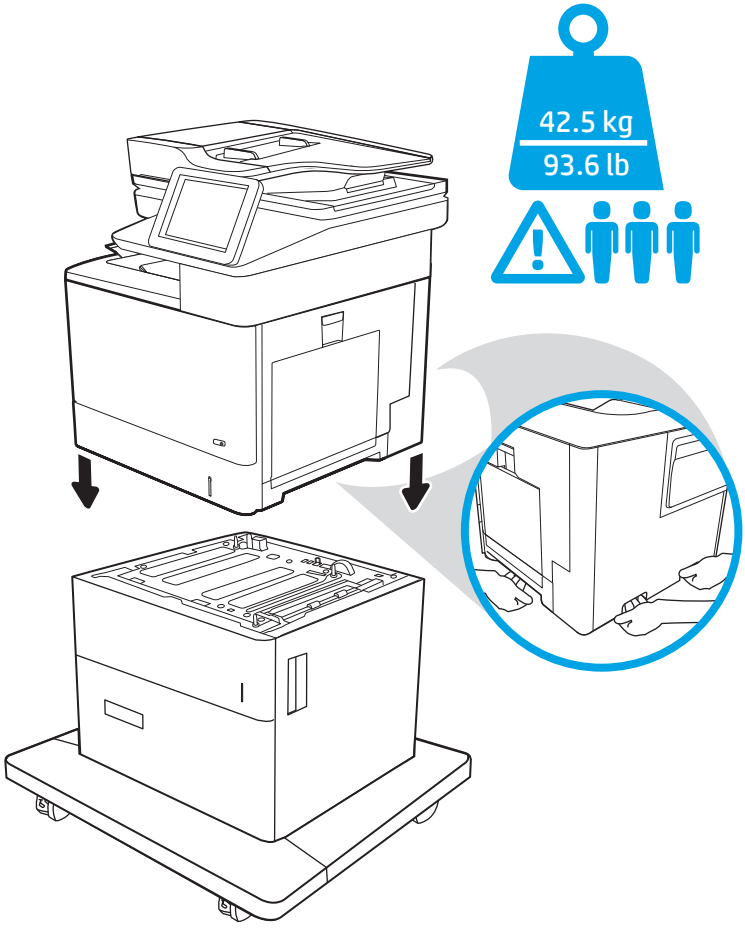
1. Unplug all of the cables attached to the printer.

Figure 1-33 Unplug all of the cables



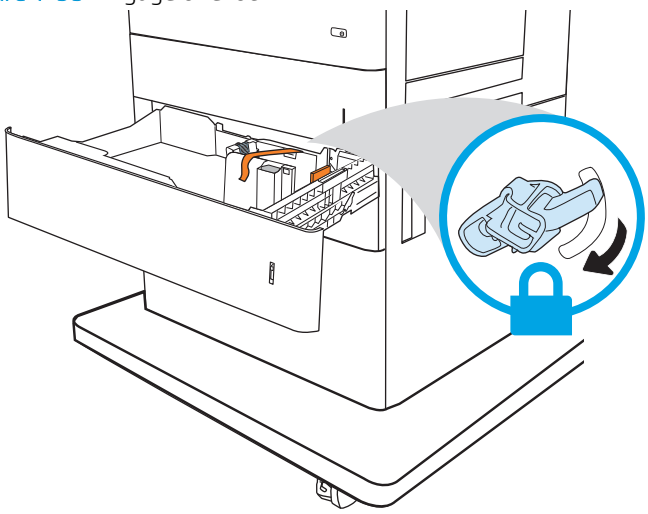
2. Lift the printer and place it on top of the paper feeder.

Figure 1-34 Place the printer on the paper feeder



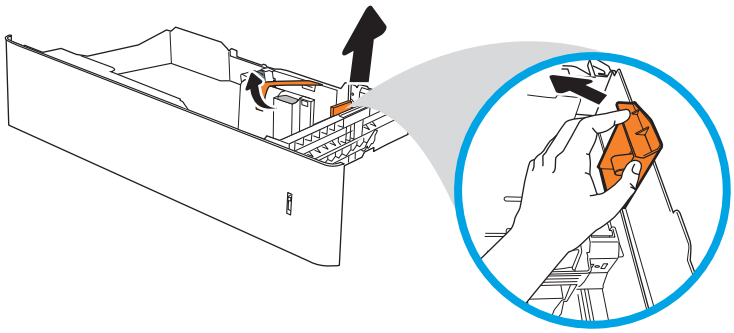
3. Remove the top paper tray in the paper feeder, and then engage one lock at the front of the tray opening to secure the printer to the paper feeder.

Figure 1-35 Engage one lock



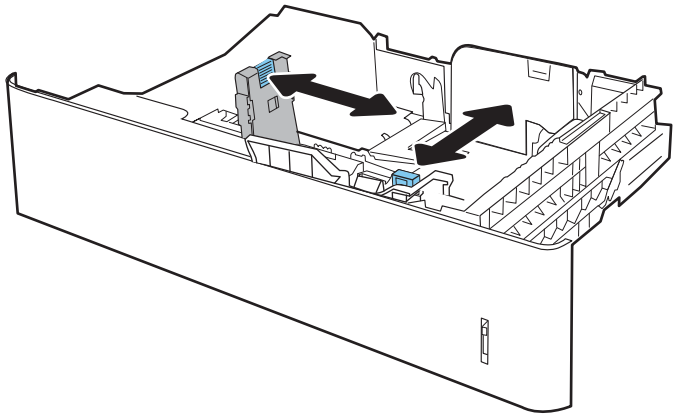
4. Locate the orange shipping lock inside the paper tray. Twist the lock to release it, and then lift it straight up to remove it. Remove all other packing material inside the tray.

Figure 1-36 Remove the orange shipping lock



5. Before loading paper, open the paper guides by squeezing the blue adjustment latches and sliding the guides out as far as they will go.

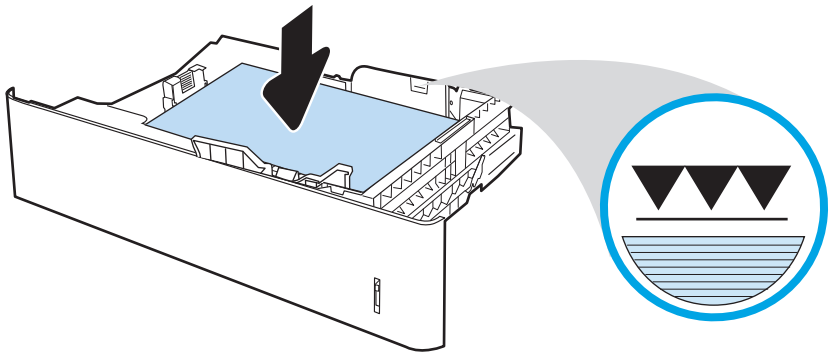
Figure 1-37 Open the paper guides



6. Load paper into the tray.

NOTE: To prevent jams, do not overfil the tray. Be sure that the top of the stack is below the tray full indicator.

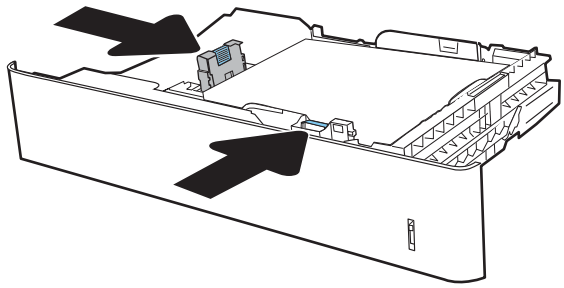
Figure 1-38 Load paper into the tray



7. Adjust the paper guides so that the guides lightly touch the stack, but do not bend it.

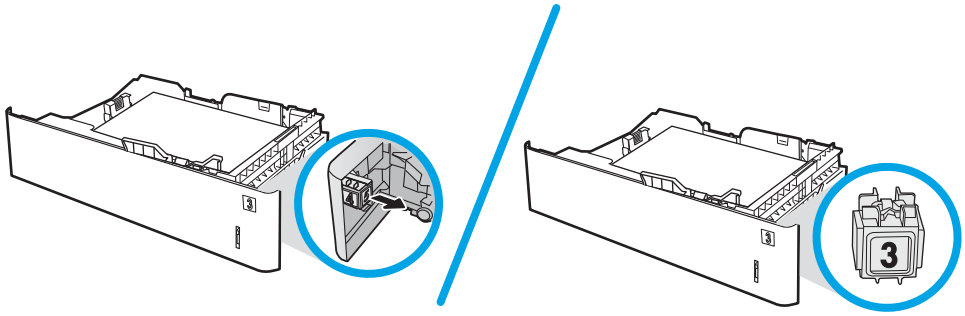
NOTE: Do not adjust the paper guides tightly against the paper stack. Adjust them to the indentations or markings in the tray.

Figure 1-39 Adjust the paper guides



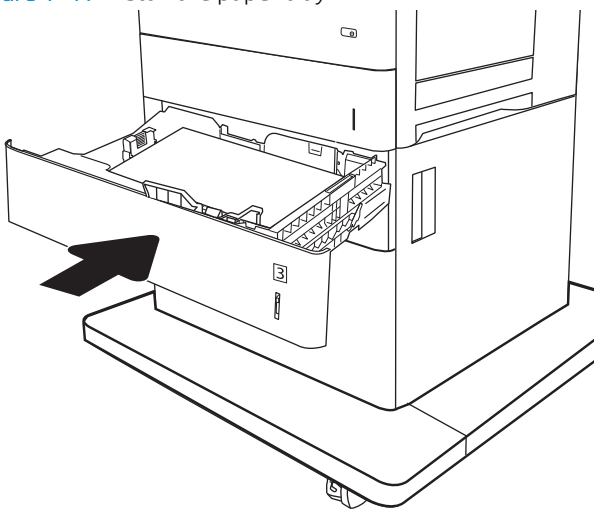
8. If necessary, remove the paper tray number indicator on the tray, and then rotate the indicator so that the tray number correctly reflect the printer's tray configuration Install the indicator in the tray with the correct tray number facing outward.

Figure 1-40 Remove the paper tray number indicator



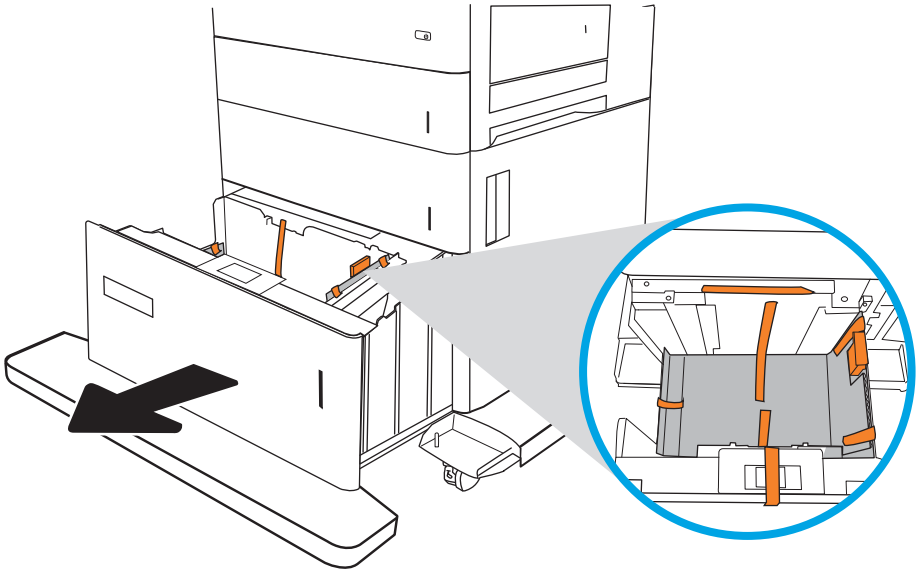
9. Install the paper tray.

Figure 1-41 Install the paper tray



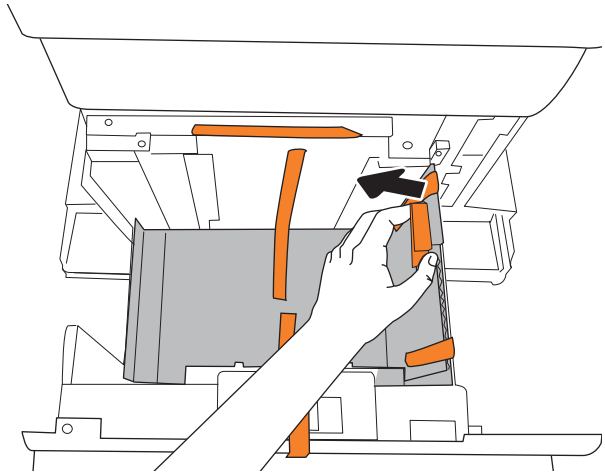
10. Open the lower paper tray and locate the shipping material inside of the tray.

Figure 1-42 Open the lower paper tray



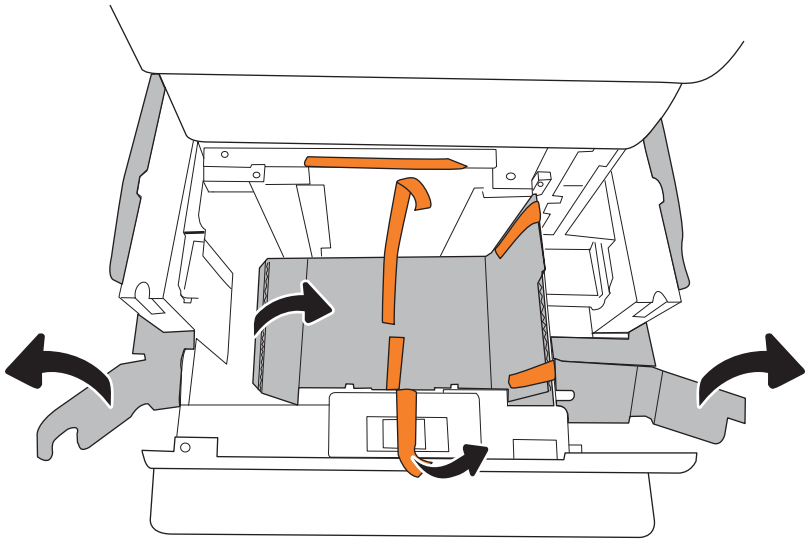
11. Remove the shipping lock inside the tray on the upper right side.

Figure 1-43 Remove the shipping lock



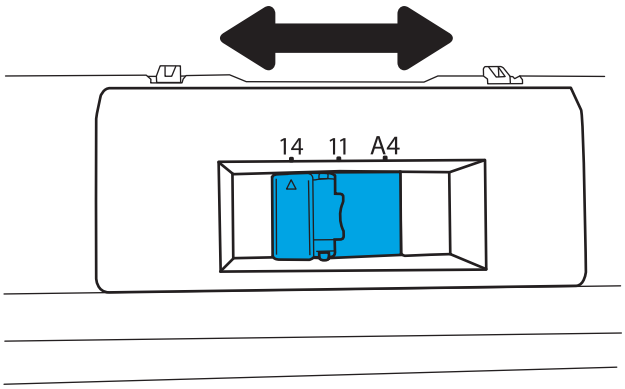
12. Remove all of the packing material inside the tray.

Figure 1-44 Remove all of the packing material



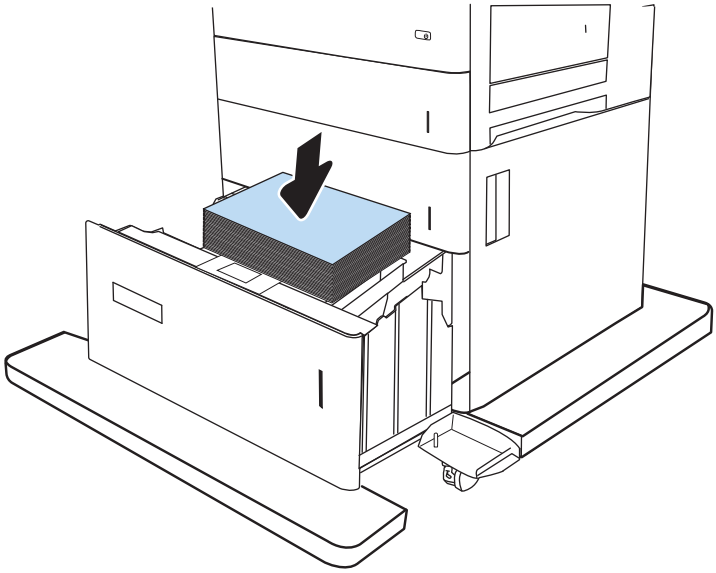
13. Move the size-selector lever to correspond with the size of paper that will be installed in the tray.

Figure 1-45 Move the size-selector lever



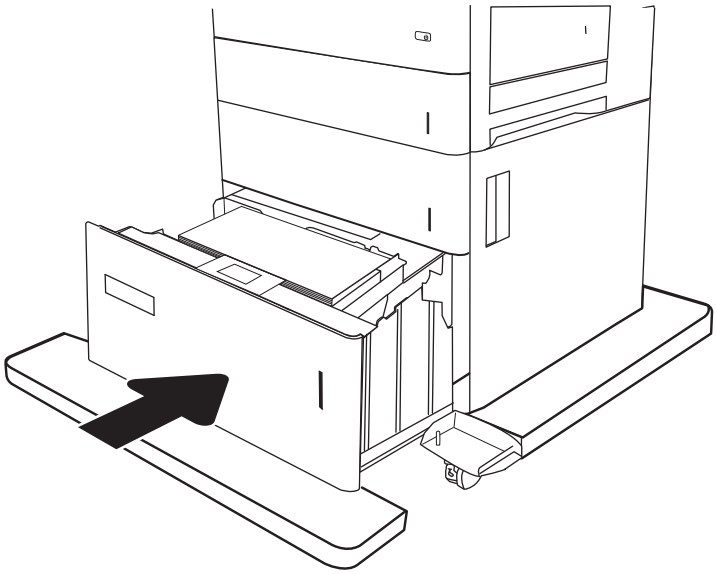
14. Load paper into the tray.

Figure 1-46 Load paper into the tray



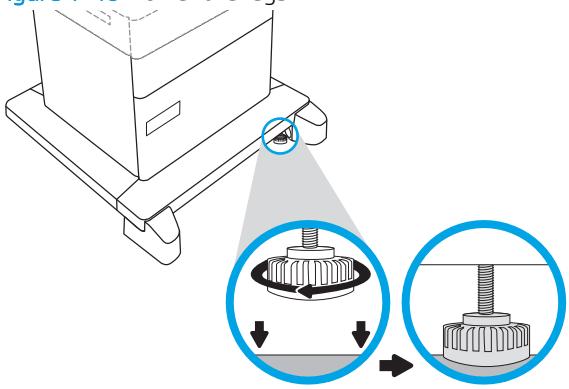
15. Close the paper tray.

Figure 1-47 Close the paper tray



16. Lower the legs on the paper feeder so that they rest securely on the floor

Figure 1-48 Lower the legs



Install accessory: Jetdirect USB wireless print server

- Introduction
- Step 1: Unpack the accessory
- Step 2: Install the Jetdirect USB wireless print server

Introduction

This document provides the procedures to install the Jetdirect USB wireless print server.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Jetdirect USB wireless print server part number	
J8031-61001	Jetdirect USB wireless print server

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Verify that the host computer can successfully access the printer through the network.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

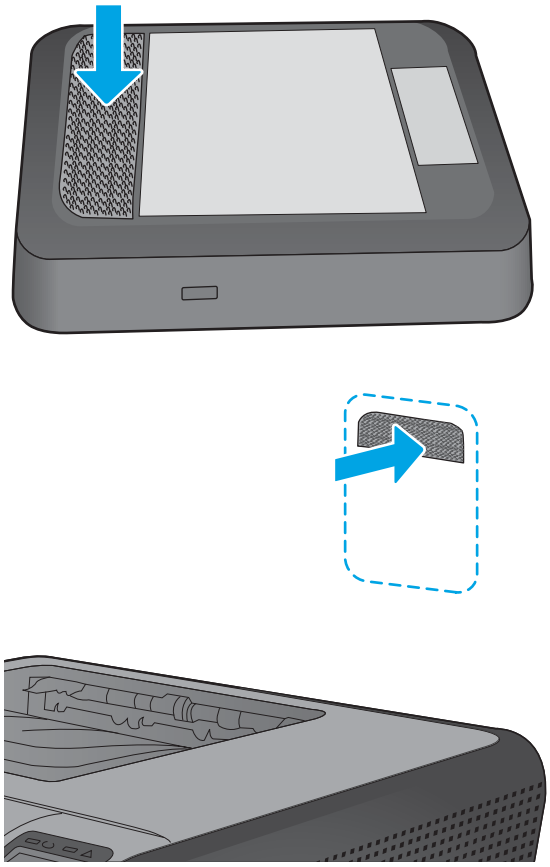
For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the Jetdirect USB wireless print server

1. If the print server will be mounted on the wall, do the following:

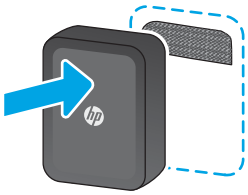
a. Attach one of the fastener strips provided in the kit to the back of the print server. Attach the other fastener strip to a smooth, non-metal wall near the printer..

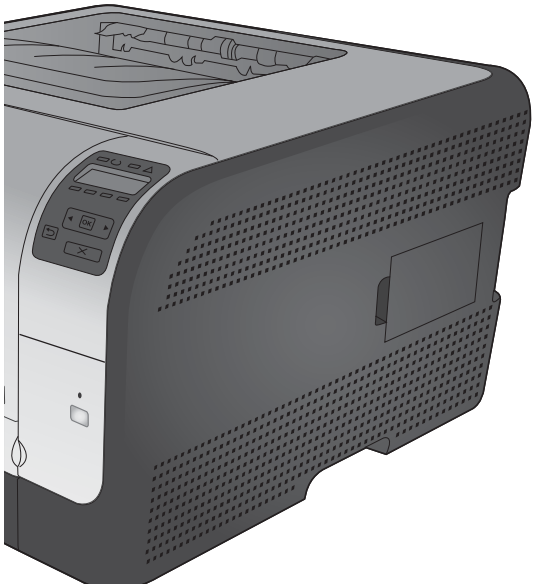
Figure 1-49 Attach fastener strips



b. Attach the print server to the fastener strip on the wall.

Figure 1-50 Attach the print server to the wall

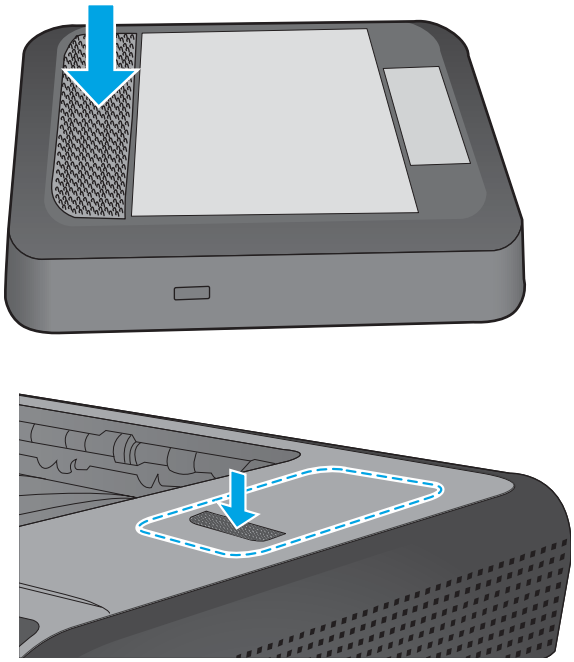




2. If the print server will be mounted on the printer, do the following:

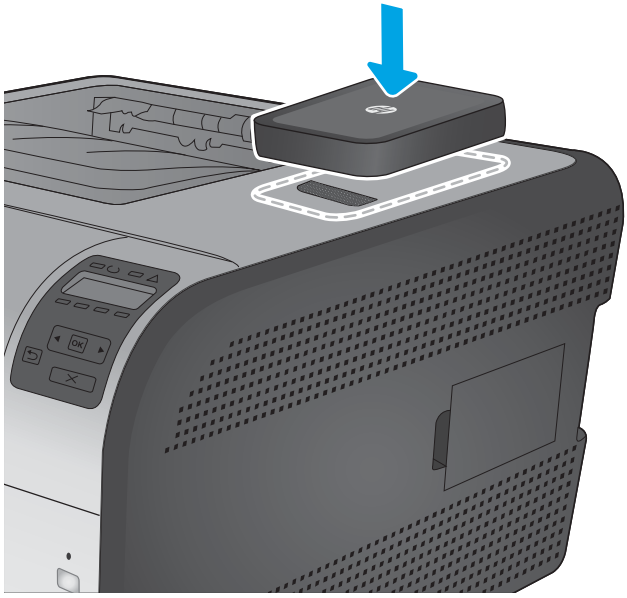
a. Attach one of the fastener strips provided in the kit to the back of the print server. Attach the second fastener strip to the location on the printer where the print server will be installed.

Figure 1-51 Attach fastener strips



b. Attach the print server to the fastener strip on the printer.

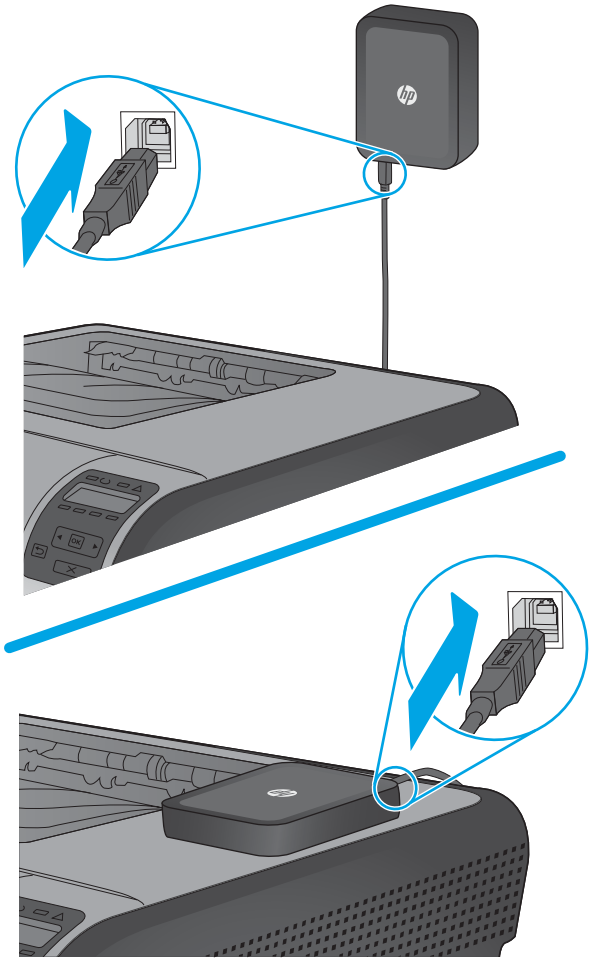
Figure 1-52 Attach the print server to the printer



3. If the print server is connected only to the wireless network, do the following:

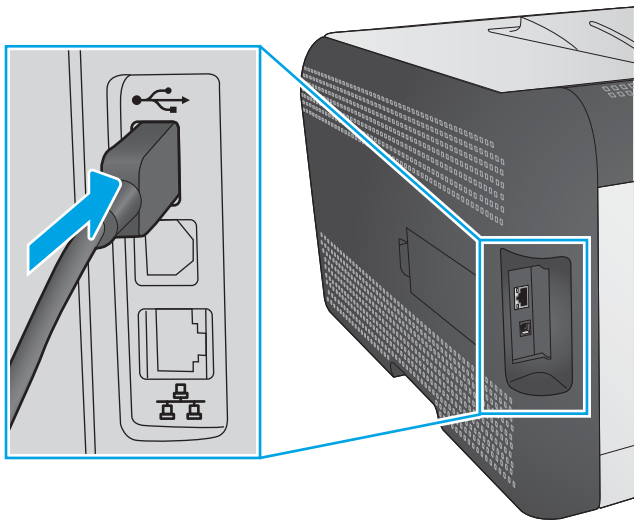
   a. Attach the USB Type-B (rounded) end of the cable provided in the kit to the USB port on the back of the printer server.

Figure 1-53 Attach the USB cable to the print server



b. Attach the USB Type-A (flat end of the cable to the USB accessory port on the printer.

Figure 1-54 Attach the USB cable to the printer

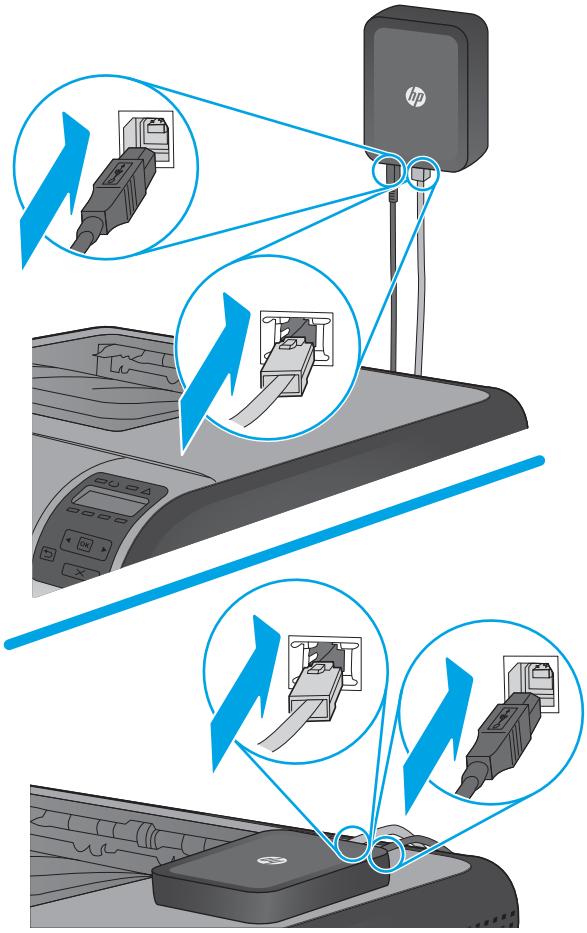


4. If the print server is connected to both the wireless network and the wired network, do the following:

NOTE: A wired network connection enables connection to a wireless network/LAN and to one or more wired networks/LANs.

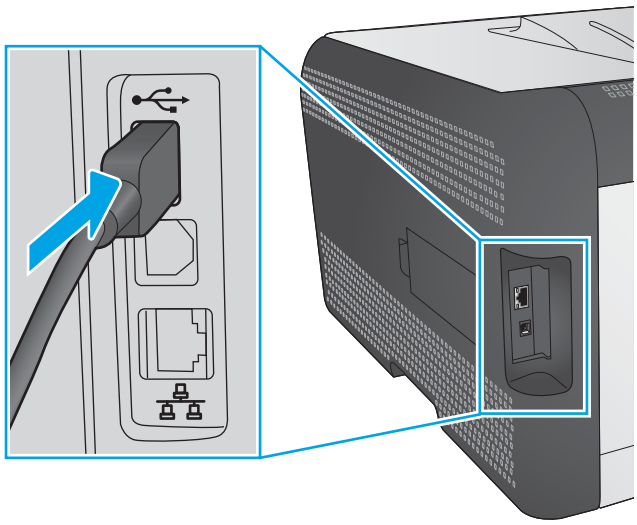
a. Attach the USB Type-B (rounded) end of the cable provided in the kit to the USB port on the back of the printer server. Also attach an Ethernet cable (not provided in the kit) to the Ethernet port on the back of the server.

Figure 1-55 Attach the USB and network cables to the print server



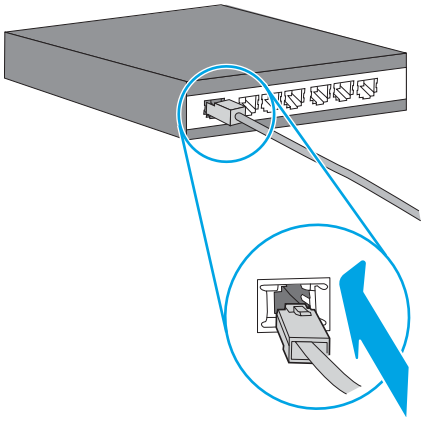
b. Attach the USB Type-A (flat end of the cable to the USB accessory port on the printer.

Figure 1-56 Attach the USB cable to the printer



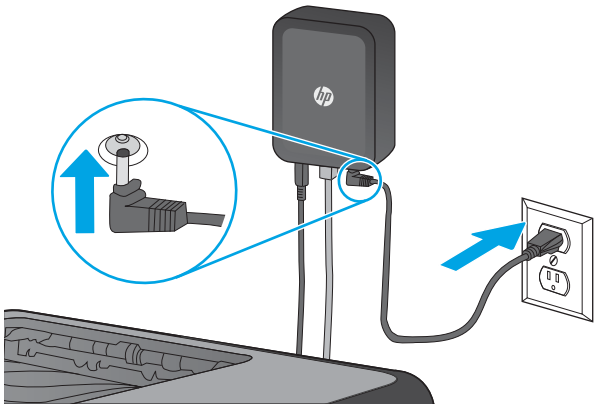
c. Attach other end of the Ethernet cable to the network.

Figure 1-57 Attach the Ethernet cable to the network



5. Attach the power supply cable provided in the kit to the print server, and then connect the power cord to the power source.

Figure 1-58 Connect the power cable



Install accessory: Jetdirect USB wireless print server with NFC

- Introduction
- Step 1: Unpack the accessory
- Step 2: Install the Jetdirect USB wireless print server with NFC

Introduction

This document provides the procedures to install the Jetdirect USB wireless print server with NFC.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Jetdirect USB wireless print server with NFC part number	
J8030-61001	Jetdirect USB wireless print server with NFC

Required tools

- Small, flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Verify that the host computer can successfully access the printer through the network and that the NFC functionality works correctly.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

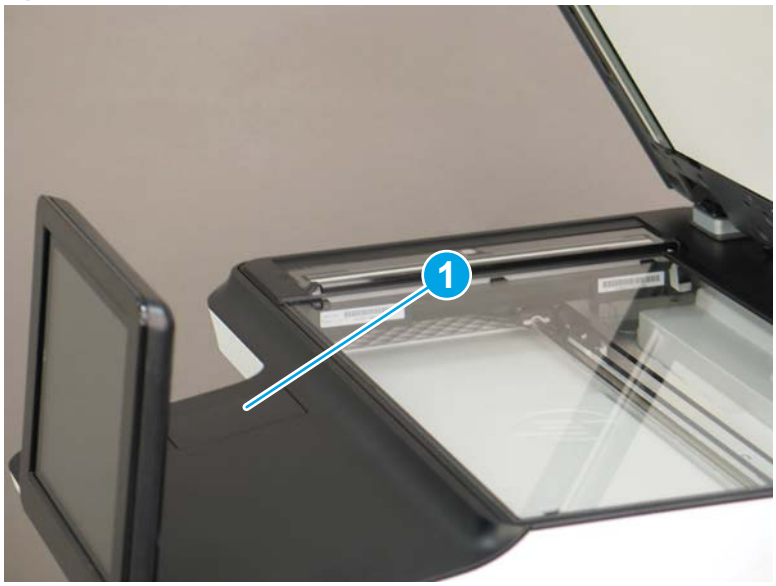
For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the Jetdirect USB wireless print server with NFC

1. To install the print server in the hardware integration pocket (HIP), do the following:

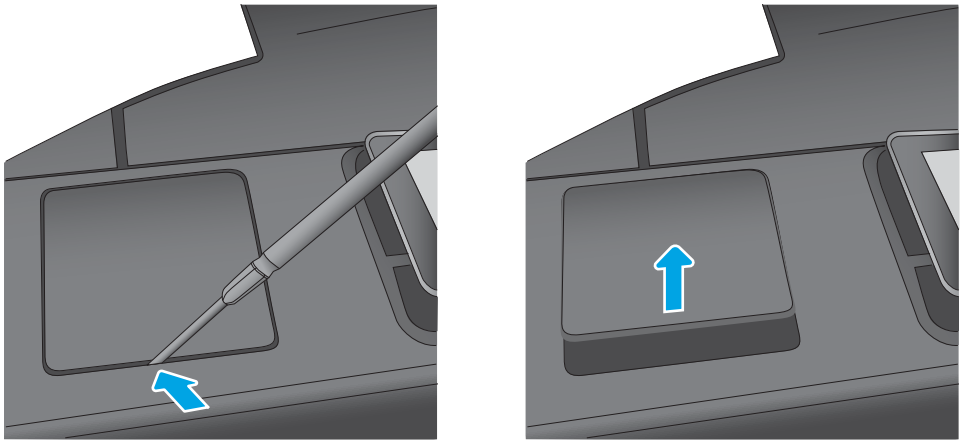
   a. Locate the hardware integration pocket (HIP) (callout 1).

   Figure 1-59 Locate the HIP

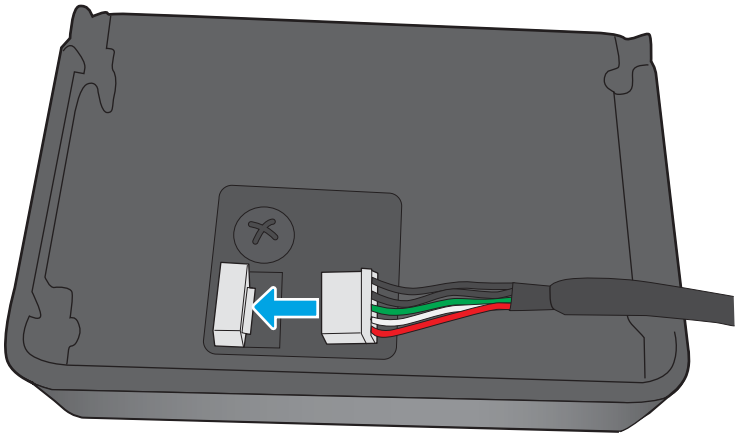
   b. Using a small, flat-blad screwdriver along either short edge, gently pry the HIP cover off

   Figure 1-60 Remove the HIP cover

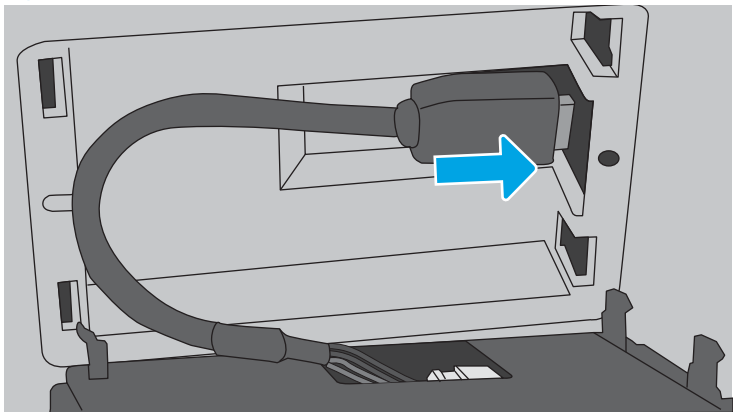
c. Connect the white connector on the short USB cable provided in the kit to the print server.

Figure 1-61 Connect the USB cable to the print server



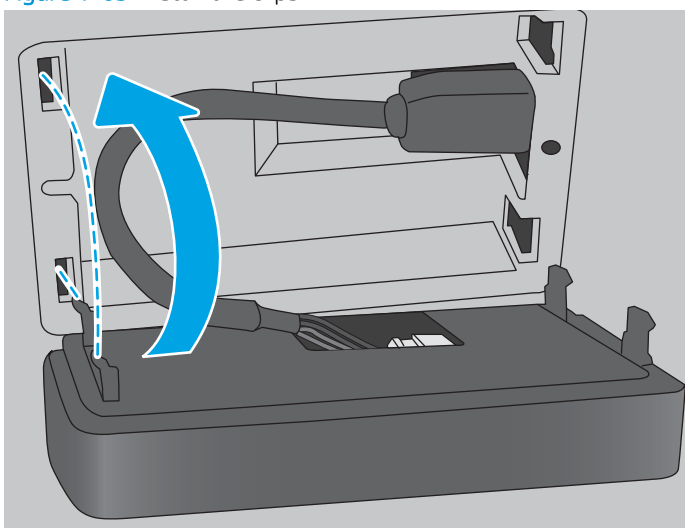
d. Connect the USB connector on the short USB cable to the socket in the printer's HIP.

Figure 1-62 Connect the USB cable to the printer



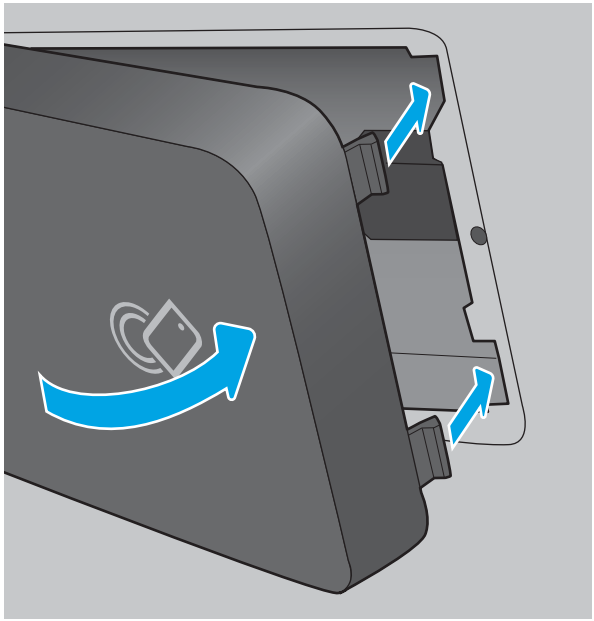
e. Insert the hook-shaped clips of print server into the HIP recess.

Figure 1-63 Install the clips



f. Gently push the print server onto the rounded clips so that it is held securely in place in the HIP.

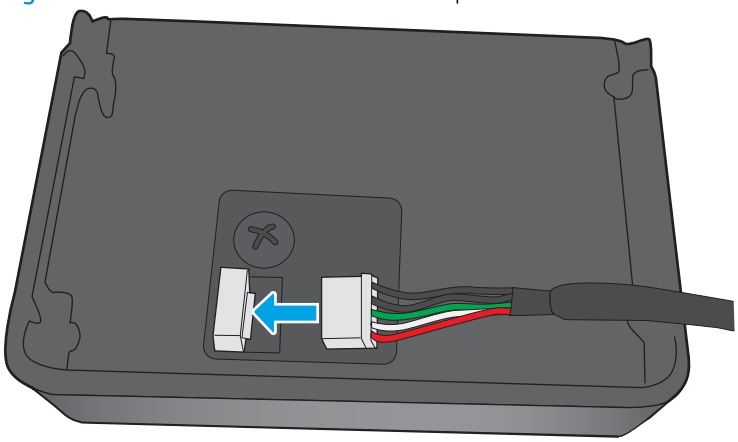
Figure 1-64 Install the print server



2. To install the print server on the outside of the printer, do the following:

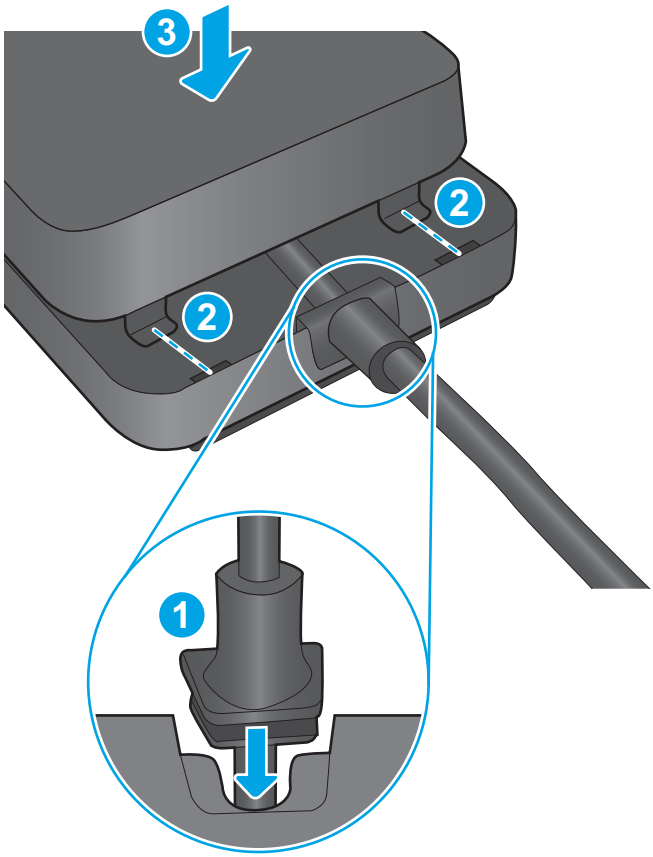
a. Connect the white connector on the long USB cable provided in the kit to the print server.

Figure 1-65 Connect the USB cable to the print server



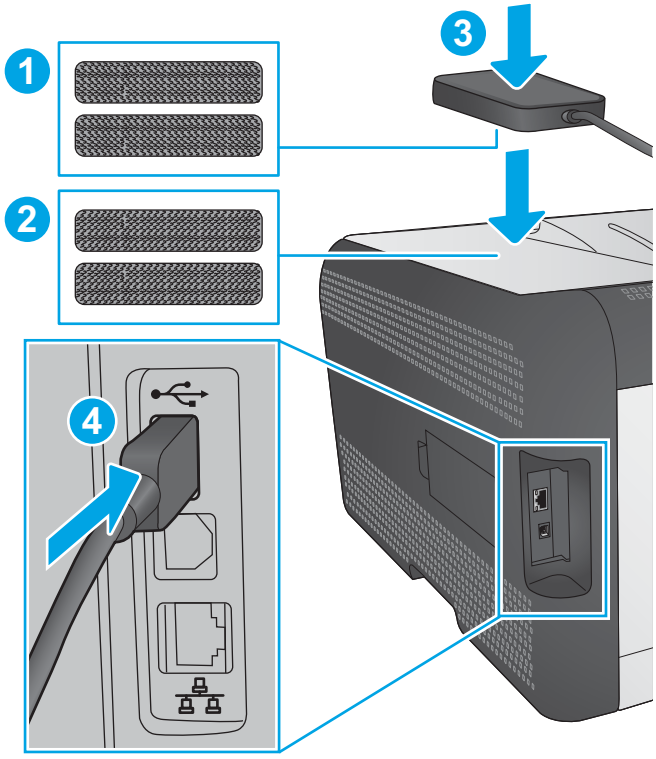
b. Push the long USB cable into the slot on the accessory cover provided in the kit out (callout 1), and then insert the hook-shaped clips of the print server into the accessory cover (callout 2). Press down to firml attach the print server to the accessory cover (callout 3).

Figure 1-66 Attach the accessory cover



c. Attach the fastener strips provided in the kit to the bottom of the print server (callout 1). Remove the backing paper in order to attach the bottom set of fastener strips to the top of the printer (callout 2). Place the print server on the printer (callout 3). Connect the USB connector on the long USB cable to the USB accessory port on the printer (callout 4).

Figure 1-67 Attach the print server to the printer



Install accessory: Trusted platform module (TPM)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the TPM
- Step 3: Unpack the accessory
- Step 4: Install the TPM
- Step 5: Install the formatter cover

Introduction

This document provides the procedures to install the trusted platform module (TPM).

Click here to view a video of this procedure

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Trusted platform module (TPM) part numbers	
F5S62-61001	Trusted platform module (TPM)

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

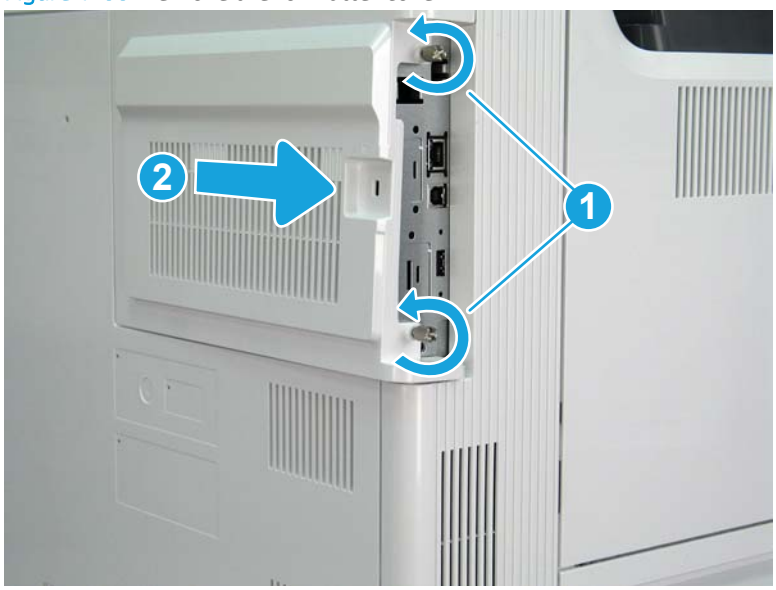
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-68 Remove the formatter cover



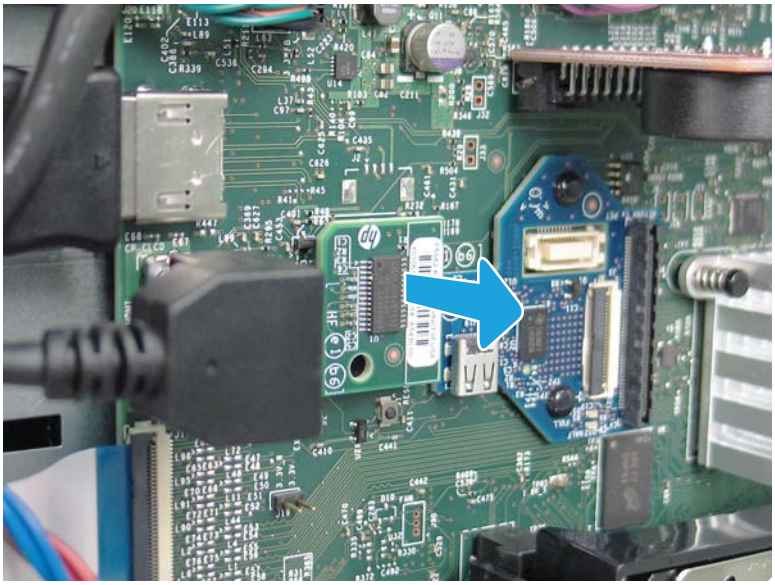
Step 2: Remove the TPM

CAUTION: ESD sensitive part.

The TPM is available as an accessory for the M652/M653/M681/M682 models, and it is included as a standard component for the E65150/E65160/E67650/E67660 models. If your printer does not have a previously installed TPM, proceed to the next section.

- Locate the TPM card on the formatter, and then pull it straight o of the formatter to remove it.

Figure 1-69 Remove the TPM



Step 3: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to Product return and recycling.

Step 4: Install the TPM

CAUTION: ESD sensitive part.

1. Note the location on the formatter where the TPM will be installed.

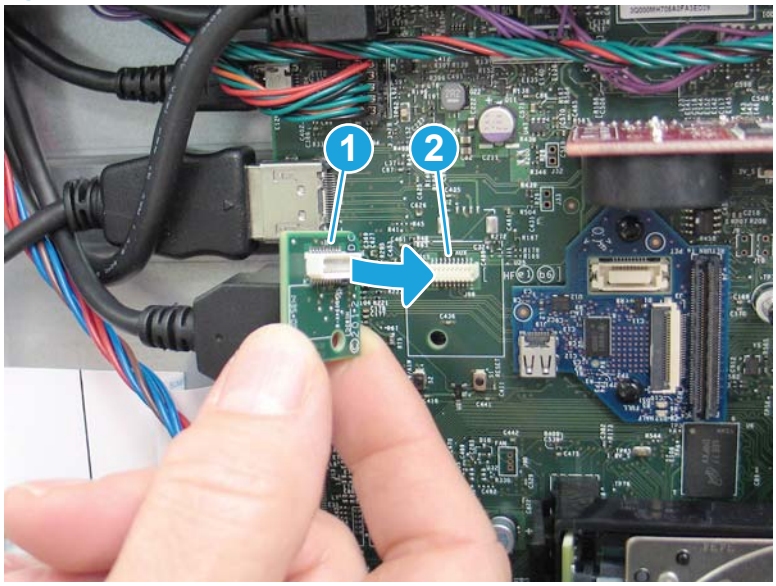
Figure 1-70 TPM location



2. Align the connector on the TPM (callout 1) with the connector on the formatter (callout 2).

NOTE: The TPM can only be installed in one direction on the formatter.

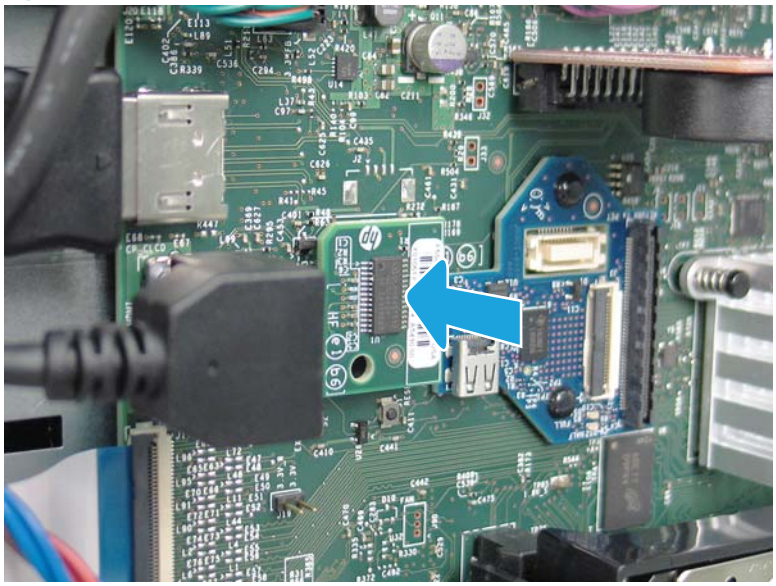
Figure 1-71 Align the connectors



3. Push the TPM onto the formatter to install it.

IMPORTANT: Press on the top part of the TPM to ensure it is fully seated in the connector.

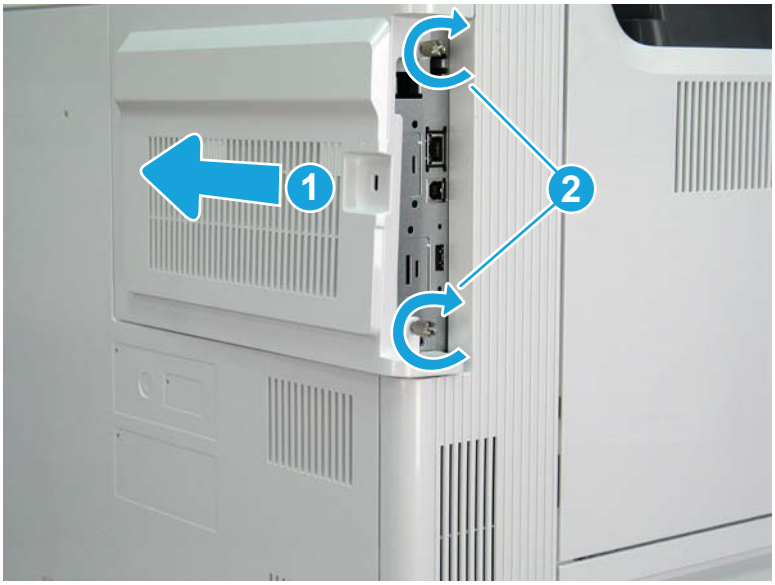
Figure 1-72 Install the TPM



Step 5: Install the formatter cover

- Slide the formatter cover (callout 1) toward the printer to install it, and then tighten two thumbscrews (callout 2).

Figure 1-73 Install the formatter cover



Install accessory: Internal USB ports

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Unpack the accessory
- Step 3: Install the internal USB ports
- Step 4: Install the formatter cover

Introduction

This document provides the procedures to install the internal USB ports.

Click here to view a video of this procedure

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Internal USB ports part numbers	
B5L28-67902	Two internal USB ports

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

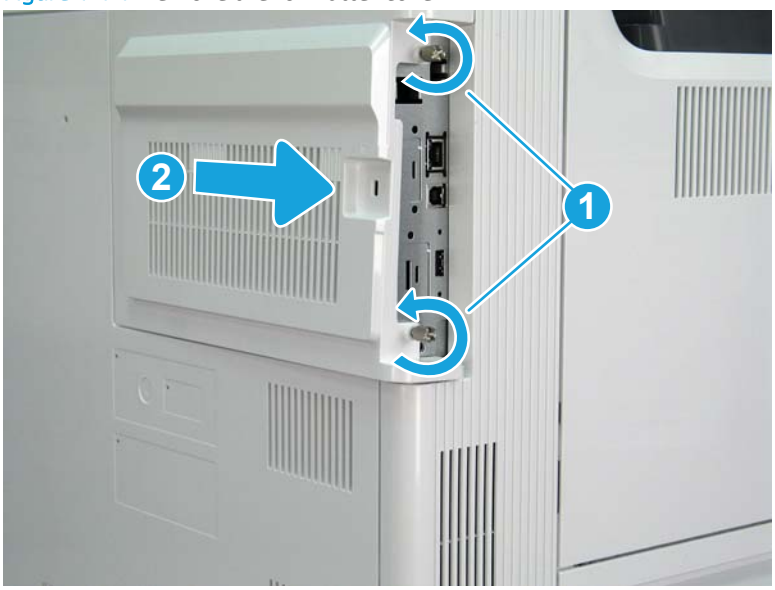
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-74 Remove the formatter cover



Step 2: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to Product return and recycling.

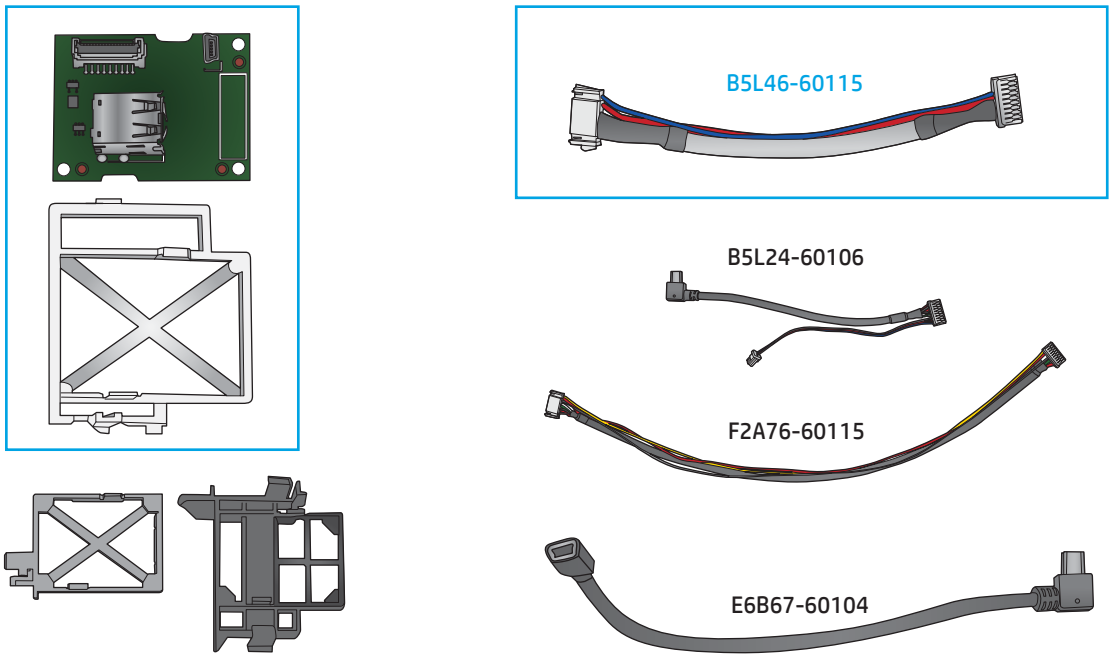
Step 3: Install the internal USB ports

NOTE: The M682 is shown in the figure below. The procedure is also correct for the M681/E67550/E67560/E67650/E67660 and M652/M653/E65050/E65060/E65150/E65160 models.

CAUTION: ESD sensitive part.

1. Remove the following items from the accessory kit:
   - The small PCA board
   - The PCA mounting cradle
   - The shortest single cable (B5L46-60115)

Figure 1-75 Select accessory kit items



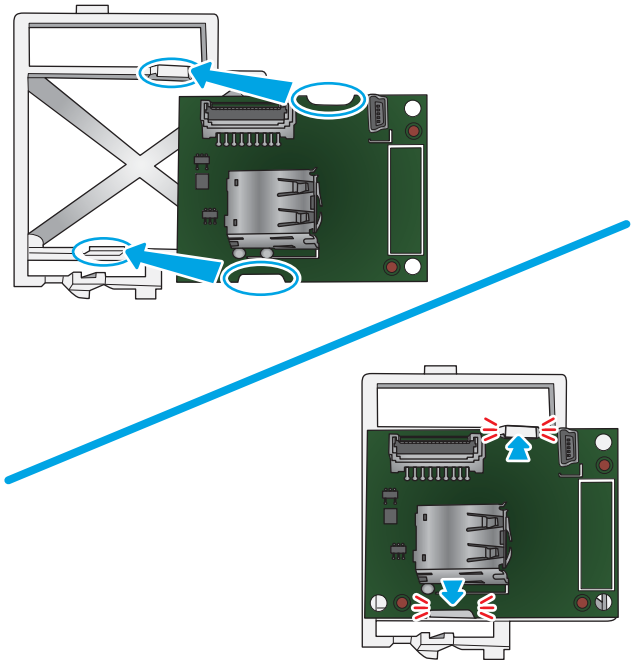
2. Do the following:

   a. Hold the small PCA and the PCA mounting cradle in the correct orientation.

   b. Align the top and bottom cutouts of the PCA on the tabs of the PCA mounting cradle.

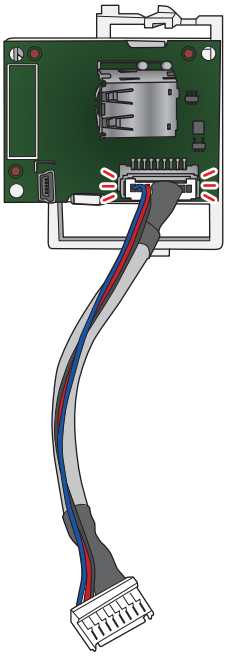
   c. Secure the small PCA on the PCA mounting cradle until it snaps in place.

Figure 1-76 Mount the PCA on the PCA mounting cradle and snap it in place



3. Connect the cable to the small PCA.

Figure 1-77 Connect the cable



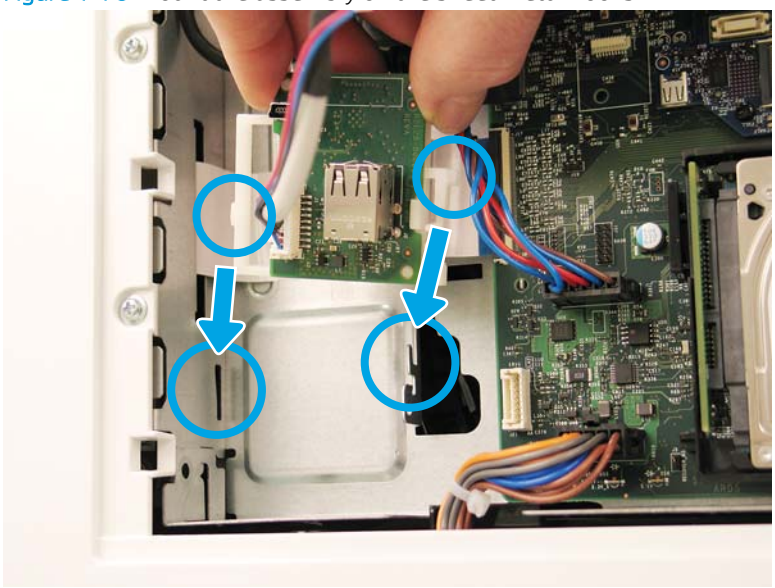
4. Do the following:

   a. Hold the small PCA attached to the PCA mounting cradle in the correct orientation.

   b. On the left side of the formatter case area, locate the sheet metal hooks.

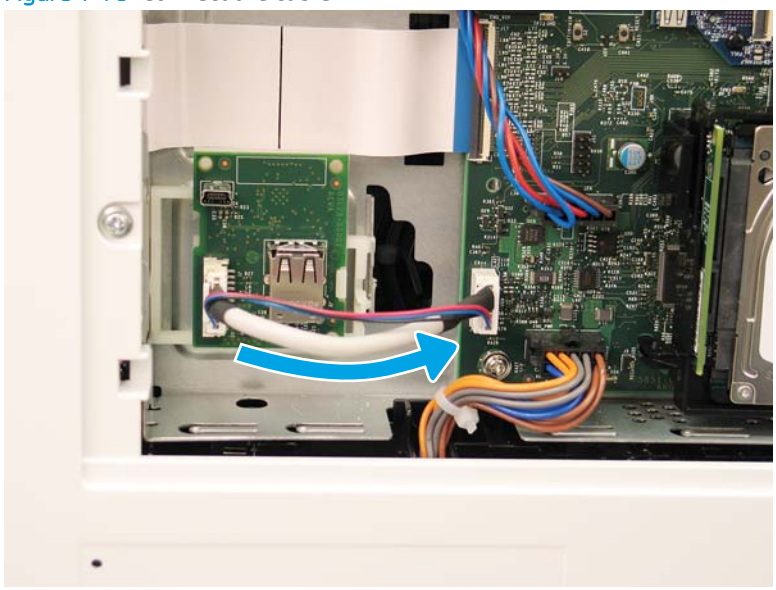
   c. Install the assembly so that the tabs on the PCA mounting cradle slide into the sheet metal hooks.

Figure 1-78 Mount the assembly on the sheet metal hooks



5. Connect the cable to the formatter.

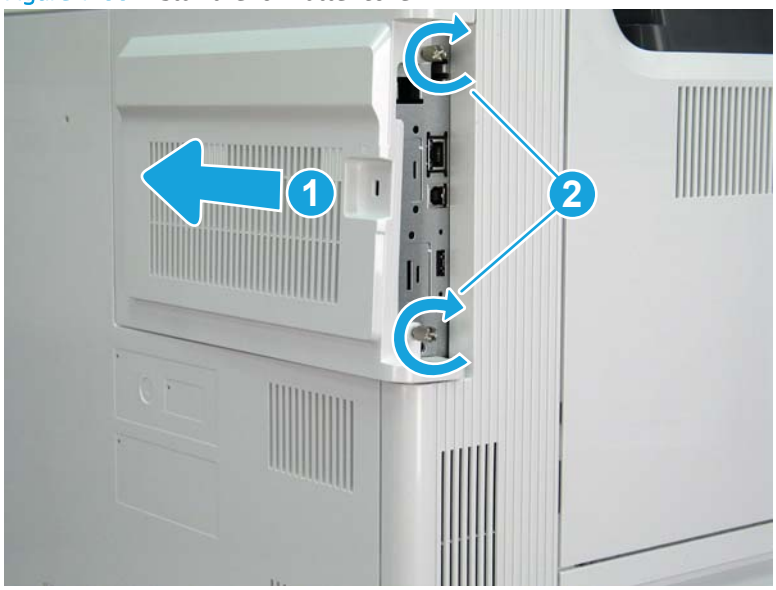
Figure 1-79 Connect the cable



Step 4: Install the formatter cover

▲ Slide the formatter cover (callout 1) toward the printer to install it, and then tighten two thumbscrews (callout 2).

Figure 1-80 Install the formatter cover



Install accessory: Foreign interface harness (FIH)

- Introduction
- Step 1: Unpack the accessory
- Step 2: Install the foreign interface harness (FIH)

Introduction

This document provides the procedures to install the foreign interface harness (FIH).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Foreign interface harness (FIH) part number	
B5L31-67902	Foreign interface harness (FIH)

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Unpack the accessory

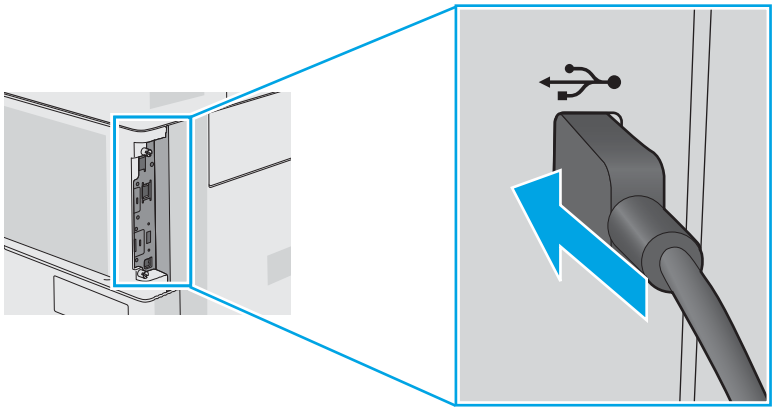
Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the foreign interface harness (FIH)

- Locate the USB port on the printer, and then plug the USB end of the FIH cable into the printer USB port.

Figure 1-81 Plug the FIH cable into the printer USB port



Removal and replacement: Staple cartridge and carrier (Flow M681z/Flow M682z/Flow E67660z)

- Introduction
- Step 1: Remove the staple cartridge and carrier
- Step 2: Unpack the replacement assembly
- Step 3: Install the staple cartridge

Introduction

This document provides the procedures to remove and replace the staple cartridge and carrier.

Click here to view a video of this procedure

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Staple cartridge and carrier part numbers	
J8J96A	Staple cartridge refil
B5L46-60102	Staple carrier

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

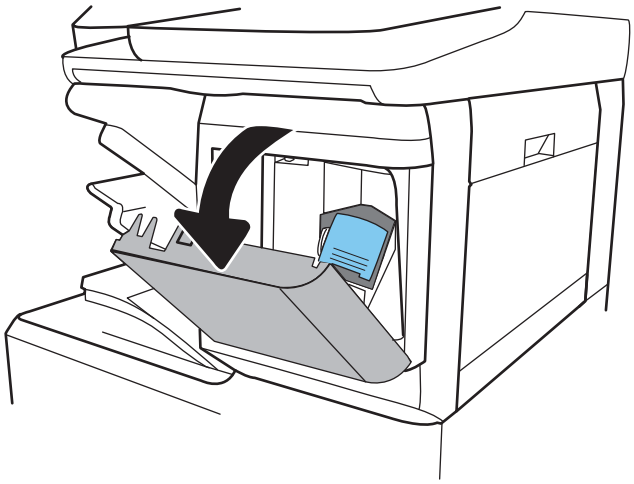
Post service test

Print a multiple page document and request that it is stapled. Verify that the document is correctly stapled.

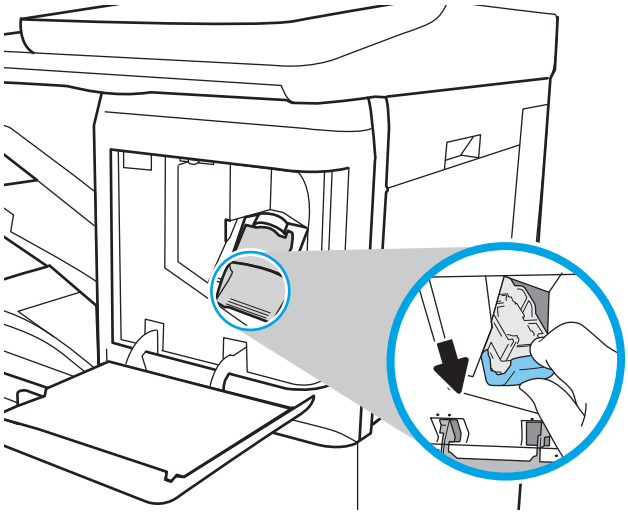
Step 1: Remove the staple cartridge and carrier

1. Open the staple-cartridge door.

NOTE: Opening the staple-cartridge door disables the stapler.

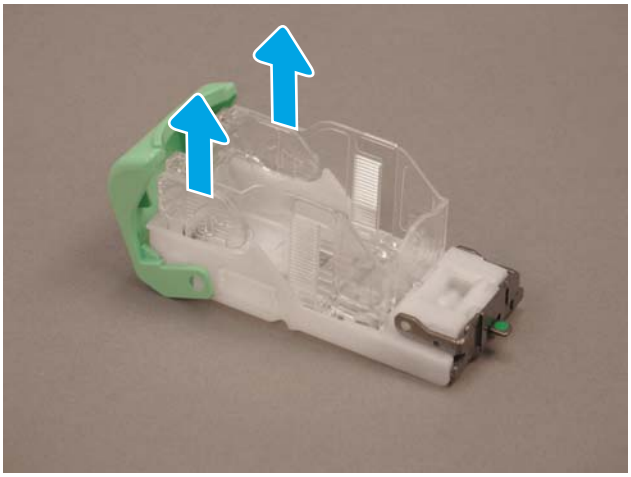


2. Grasp the colored tab on the staple cartridge, and then pull the staple cartridge straight out.



3. Lift two tabs on the staple cartridge, and then lift up to remove the empty staple cartridge from the staple cartridge carriage assembly.

Figure 1-82 Release the staple cartridge refil



NOTE: Do not discard the staple cartridge carriage. It must be reused with the new staple cartridge.

Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

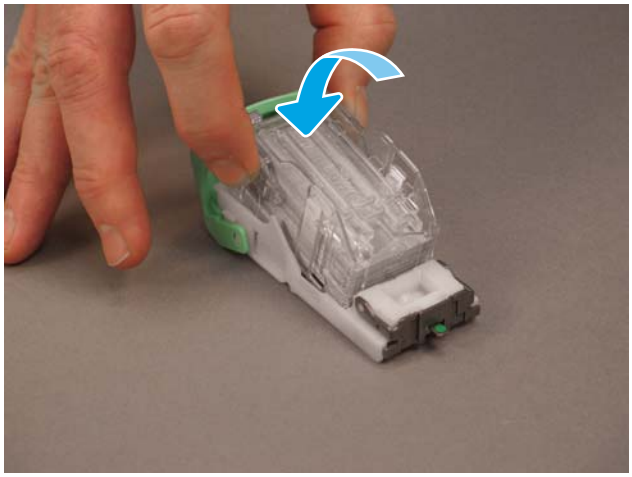
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

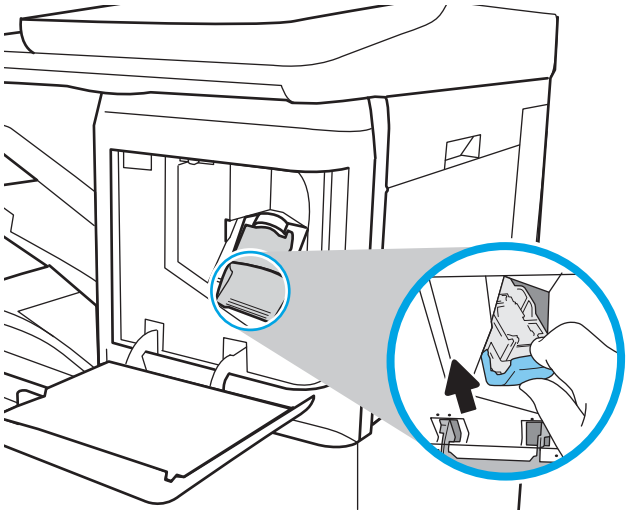
Step 3: Install the staple cartridge

1. Insert the new staple cartridge into the staple cartridge carriage.

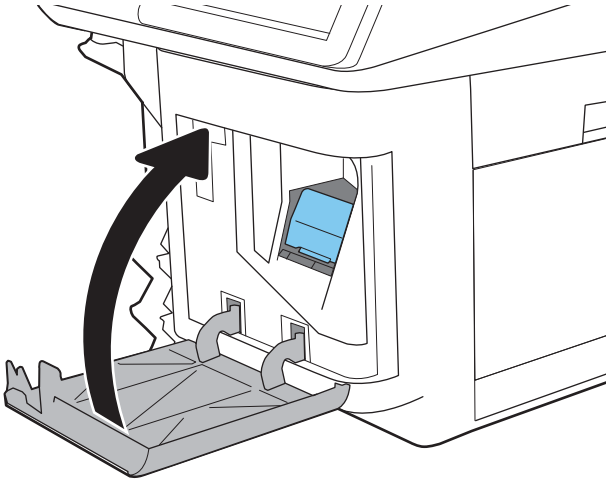
Figure 1-83 Install the staple cartridge refil



2. Insert the staple cartridge into the stapler and press the colored handle toward the printer until it snaps into place.



3. Close the staple-cartridge door.



Removal and replacement: embedded MultiMedia Card (eMMC)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the embedded MultiMedia Card (eMMC)
- Step 3: Unpack the replacement assembly
- Step 4: Install the eMMC
- Step 5: Install the formatter cover
- Step 6: Reinstall the printer firmwar

Introduction

This document provides the procedures to remove and replace the embedded MultiMedia Card (eMMC).

Click here to view a video of this procedure

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

embedded MultiMedia Card (eMMC) part numbers	
B5L32-60003	8 GB embedded MultiMedia Card (eMMC)

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

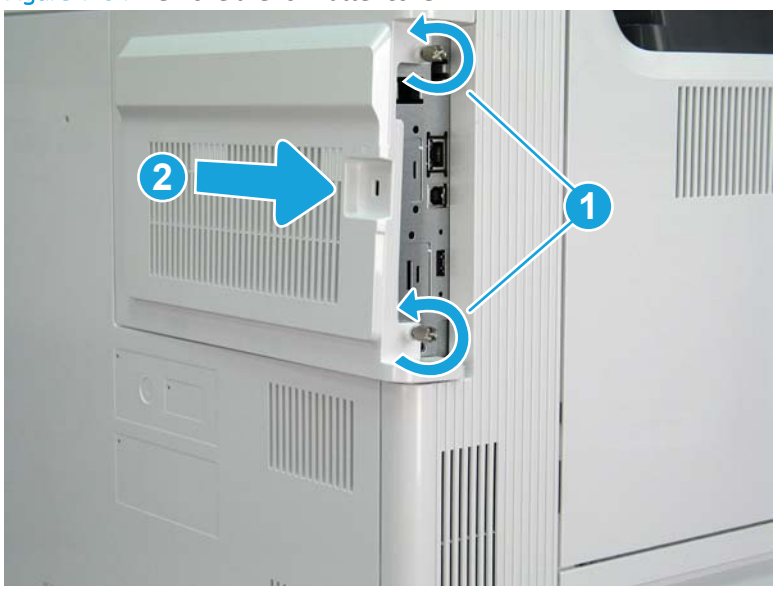
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-84 Remove the formatter cover

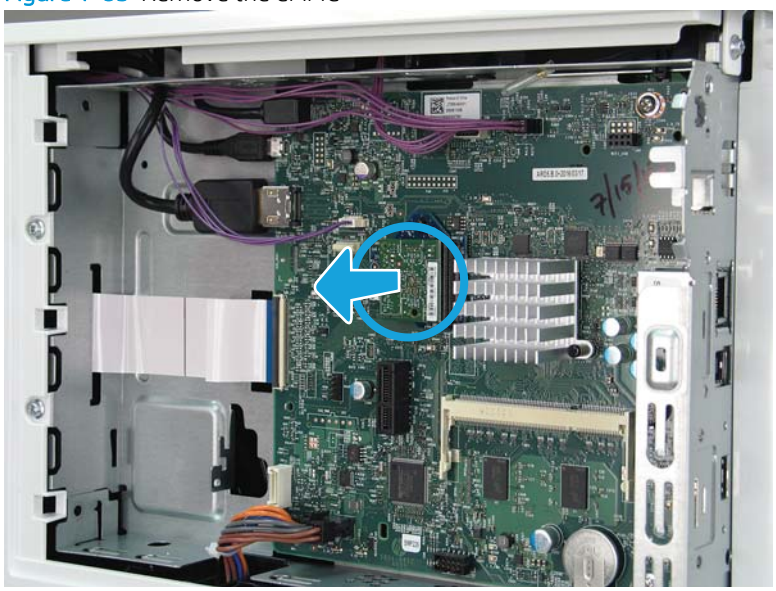


Step 2: Remove the embedded MultiMedia Card (eMMC)

CAUTION: ESD sensitive part.

- Locate the eMMC component on the formatter, and then pull it straight o of the formatter to remove it.

Figure 1-85 Remove the eMMC



Step 3: Unpack the replacement assembly

CAUTION: ESD sensitive part.

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

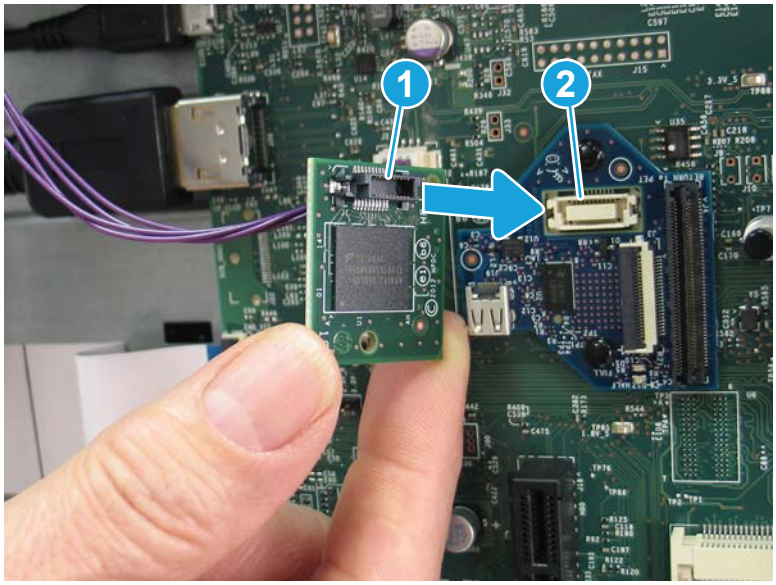
Step 4: Install the eMMC

CAUTION: ESD sensitive part.

1. Align the connector on the replacement eMMC (callout 1) with the connector on the formatter (callout 2).

NOTE: The eMMC can only be installed in one direction on the formatter.

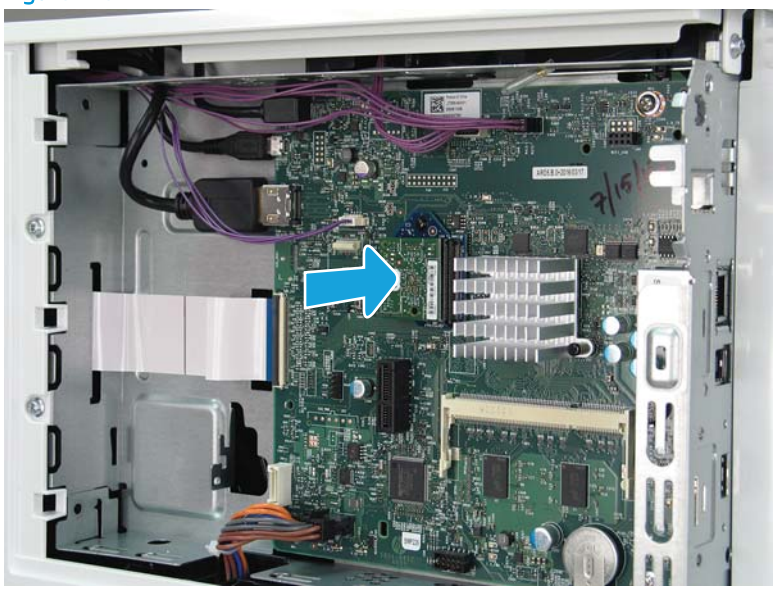
Figure 1-86 Align the connectors



2. Push the eMMC onto the formatter to install it.

IMPORTANT: Press on the top part of the eMMC to ensure it is fully seated in the connector.

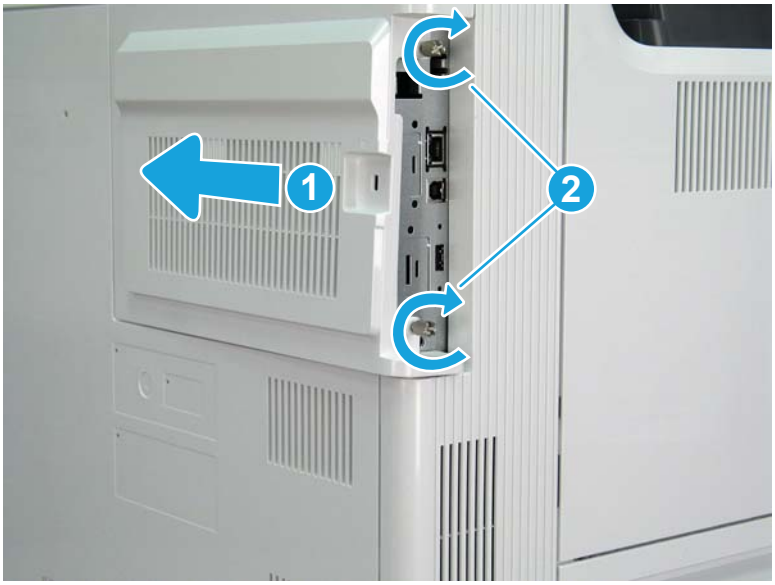
Figure 1-87 Install the eMMC



Step 5: Install the formatter cover

▲ Slide the formatter cover (callout 1) toward the printer to install it, and then tighten two thumbscrews (callout 2).

Figure 1-88 Install the formatter cover



Step 6: Reinstall the printer firmwar

NOTE: If this installation is a replacement eMMC, use the following steps to reinstall the firmware

1. Go to www.hp.com/go/futuresmart.
2. Select **Upgrade now**.
3. Find your Enterprise printer model.
4. Select the link to open the firmwar download page.
5. Select **OS Independent** from the list of operating systems.
6. Under the **Firmware** section, fin the fil for multiple operating systems.
7. Select **Download**.

NOTE: To view installation instructions, go to www.hp.com/go/futuresmart. Select **Upgrade now**, and then select **How to perform a firmwar update**.

Removal and replacement: Hard disk drive (HDD)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Unpack the replacement assembly
- Step 4: Install the HDD
- Step 5: Install the formatter cover
- Step 6: Reinstall the printer firmwar

Introduction

This document provides the procedures to remove and replace the hard disk drive (HDD).

Click here to view a video of this procedure

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Hard disk drive (HDD) part numbers	
5851-6712	320 GB Hard Disk Drive
B5L29-67903	500 GB Secure Hard Disk Drive

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

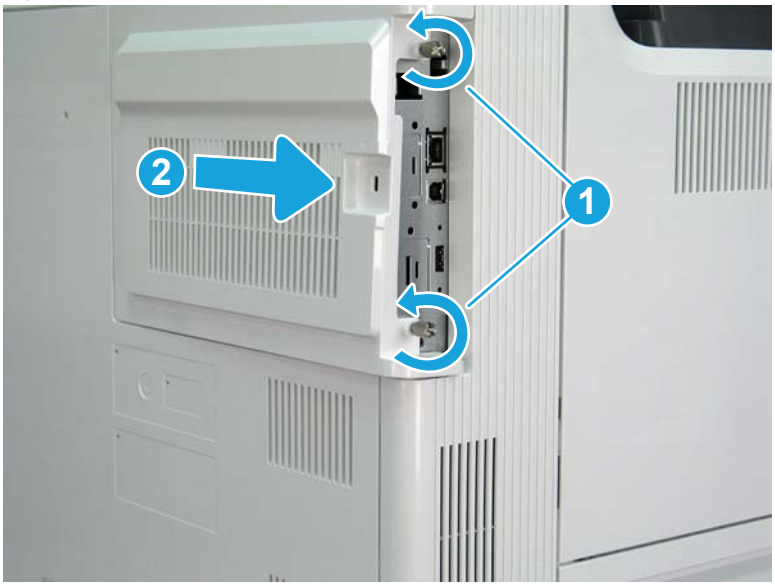
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

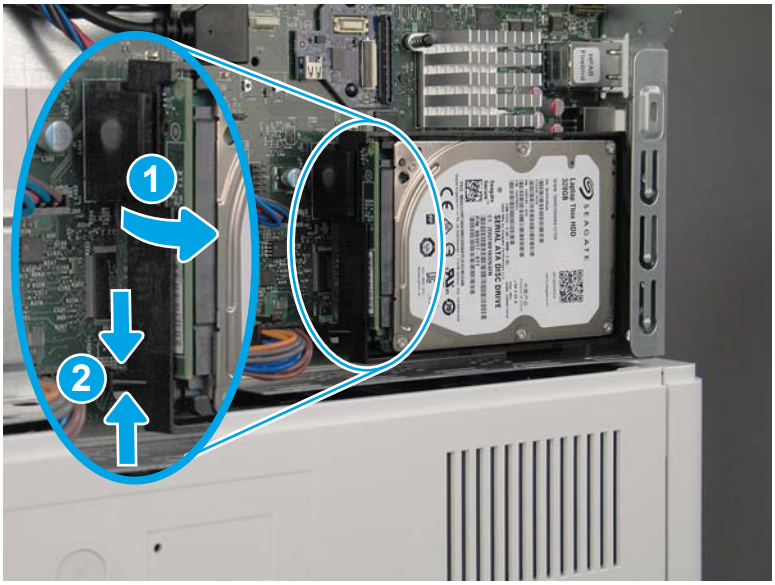
Figure 1-89 Remove the formatter cover



Step 2: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

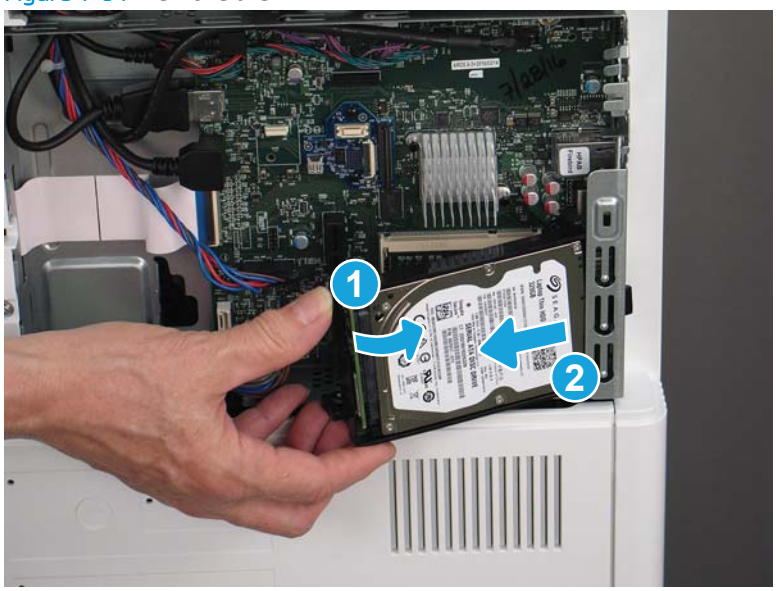
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-90 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-91 Remove the HDD



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

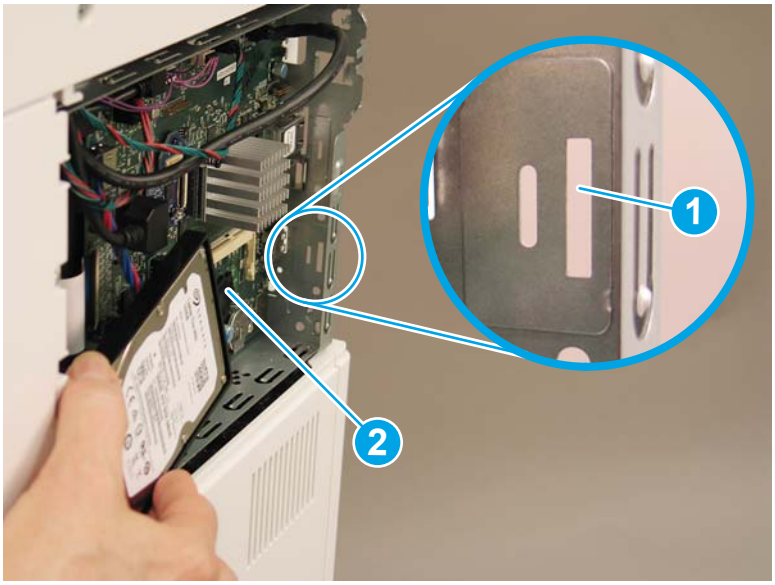
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 4: Install the HDD

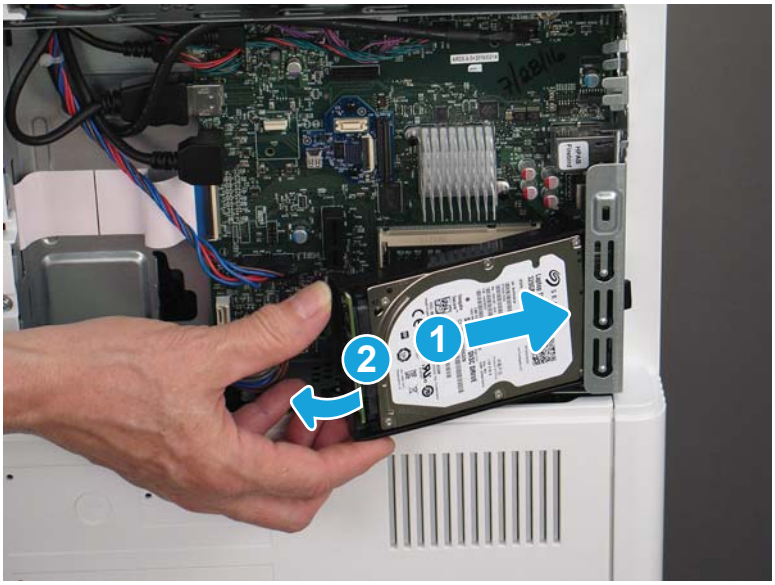
1. Before proceeding, take note of the location of the slot (callout 1) in the sheet-metal where the HDD cradle mounting tab (callout 2) must be installed.

Figure 1-92 Locate the slot in the sheet metal



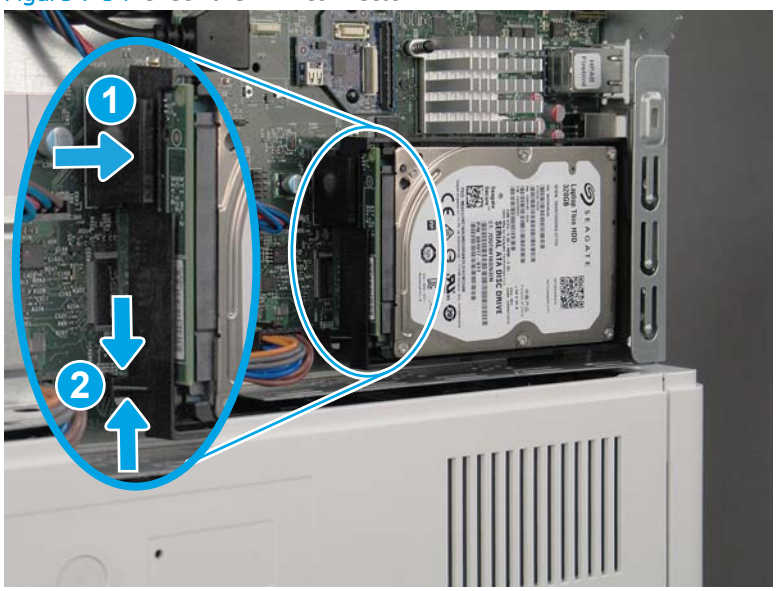
2. Insert the HDD cradle mounting tab in the slot in the sheet-metal, slide the HDD to the right (callout 1) to fully install the tab in the sheet metal, and then rotate the connector end (callout 2) of the HDD toward the formatter.

Figure 1-93 Install the HDD



3. Make sure that the locking connector (callout 1) latches and that the stando (callout 2) engages with the slot in the formatter (it might be necessary to pinch the retainer to engage it with the slot).

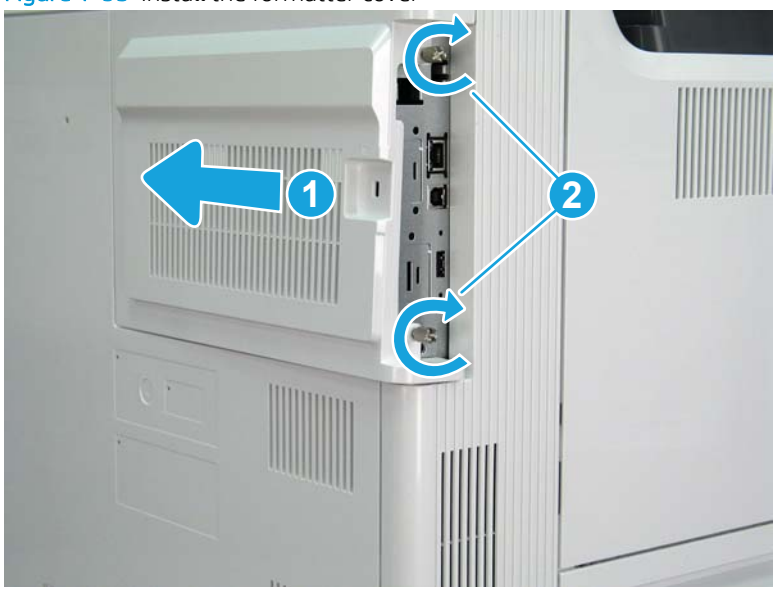
Figure 1-94 Check the HDD connector



Step 5: Install the formatter cover

▲ Slide the formatter cover (callout 1) toward the printer to install it, and then tighten two thumbscrews (callout 2).

Figure 1-95 Install the formatter cover



Step 6: Reinstall the printer firmwar

NOTE: If this installation is a replacement HDD, use the following steps to reinstall the firmware

1. Go to www.hp.com/go/futuresmart.
2. Select **Upgrade now**.

3. Find your Enterprise printer model.
4. Select the link to open the firmwar download page.
5. Select **OS Independent** from the list of operating systems.
6. Under the **Firmware** section, fin the fil for multiple operating systems.
7. Select **Download**.

NOTE: To view installation instructions, go to www.hp.com/go/futuresmart. Select **Upgrade now**, and then select **How to perform a firmwar update**.

Removal and replacement: Dual in-line memory module (DIMM)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the dual in-line memory module (DIMM)
- Step 4: Unpack the replacement assembly
- Step 5: Install the DIMM
- Step 6: Install the HDD
- Step 7: Install the formatter cover

Introduction

This document provides the procedures to remove and replace the dual in-line memory module (DIMM).

Click here to view a video of this procedure

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Dual in-line memory module (DIMM) part numbers	
E5K48-67902	1 GB DDR3 SODIMM
E5K49-67901	2 GB DDR3 SODIMM

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

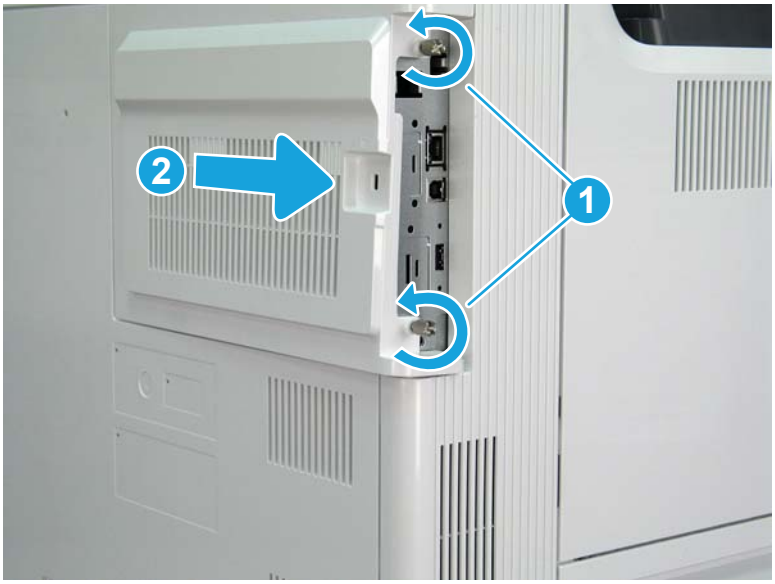
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

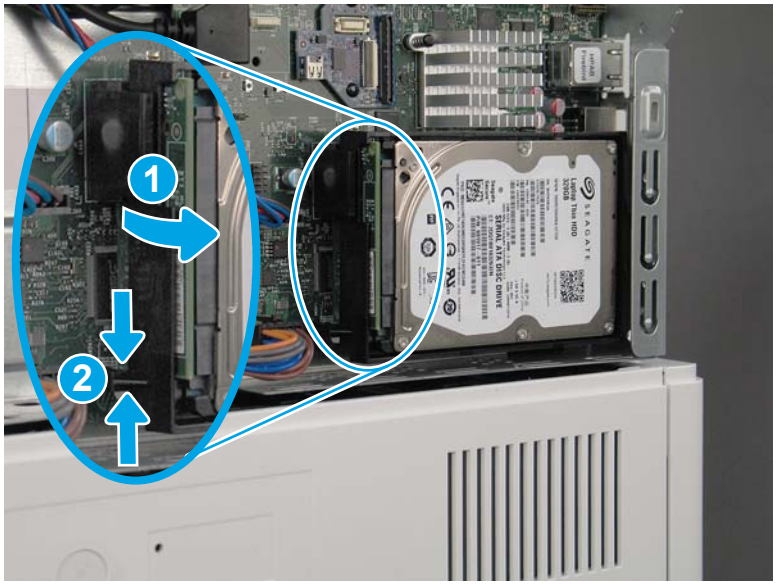
Figure 1-96 Remove the formatter cover



Step 2: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

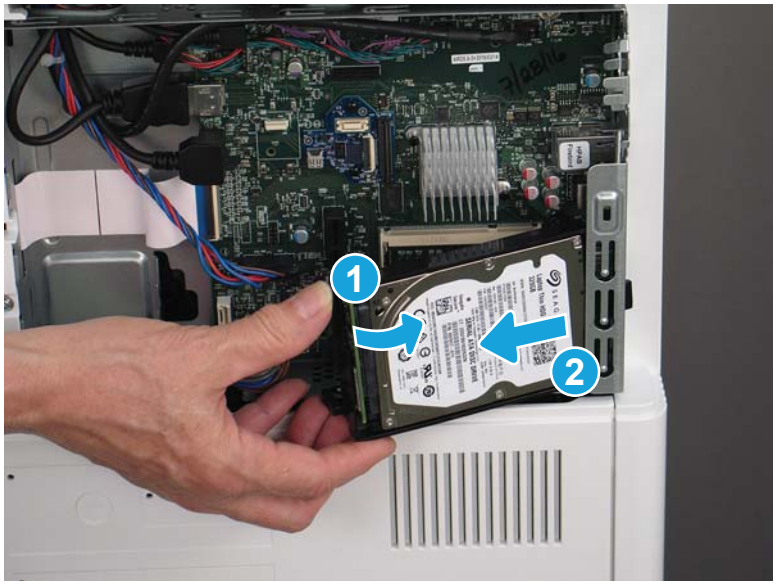
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-97 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

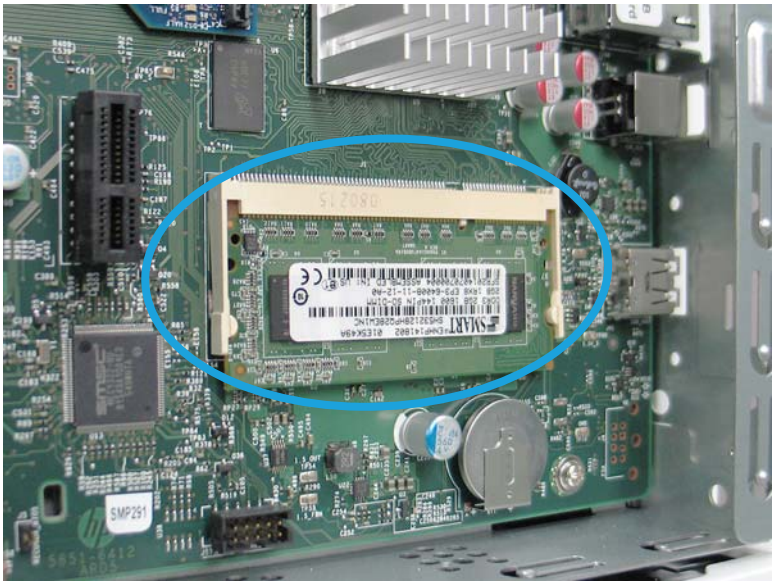
Figure 1-98 Remove the HDD



Step 3: Remove the dual in-line memory module (DIMM)

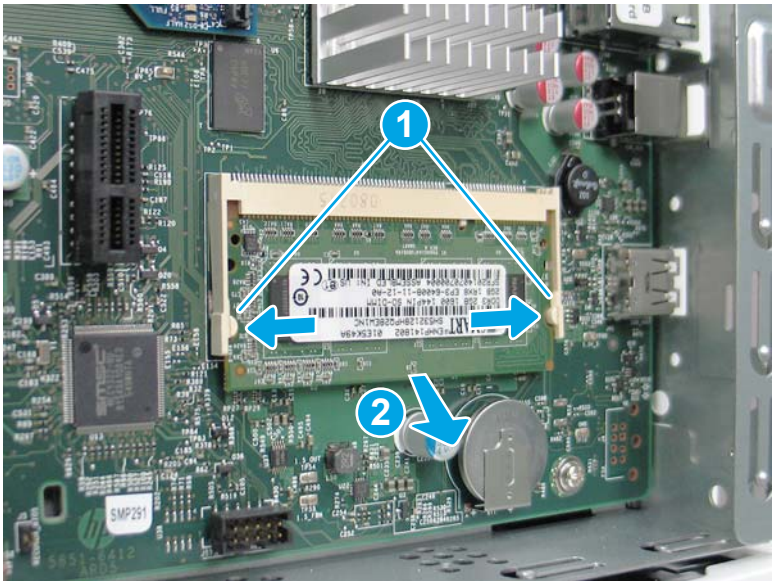
1. Locate the DIMM on the formatter.

Figure 1-99 Locate the DIMM



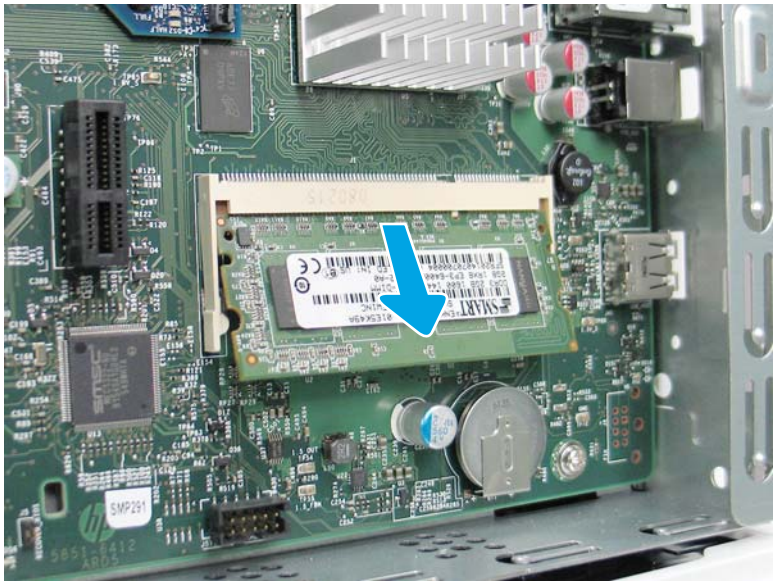
2. Release two locking arms (callout 1), and then allow the edge of the DIMM to rotate away from the holder (callout 2).

Figure 1-100 Release two locking arms



3. Pull the DIMM down and away from the holder to remove it.

Figure 1-101 Remove the DIMM



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

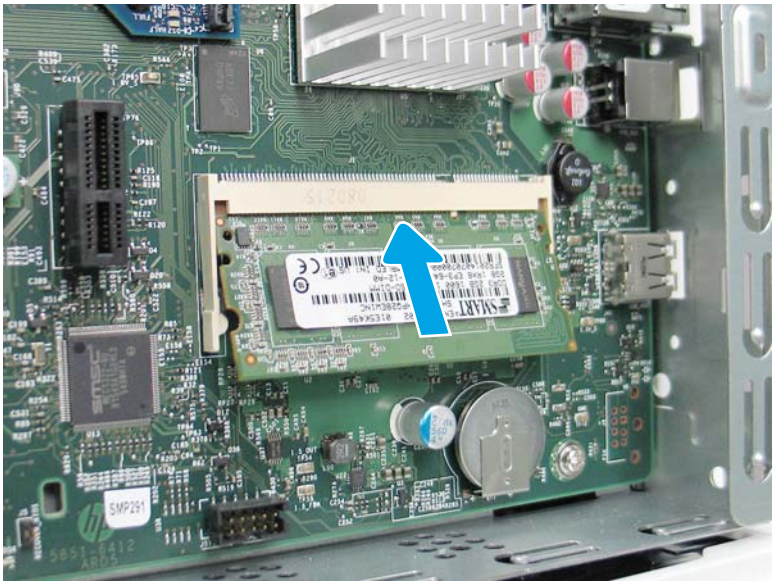
NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 5: Install the DIMM

1. Insert the top edge of the DIMM in the holder.

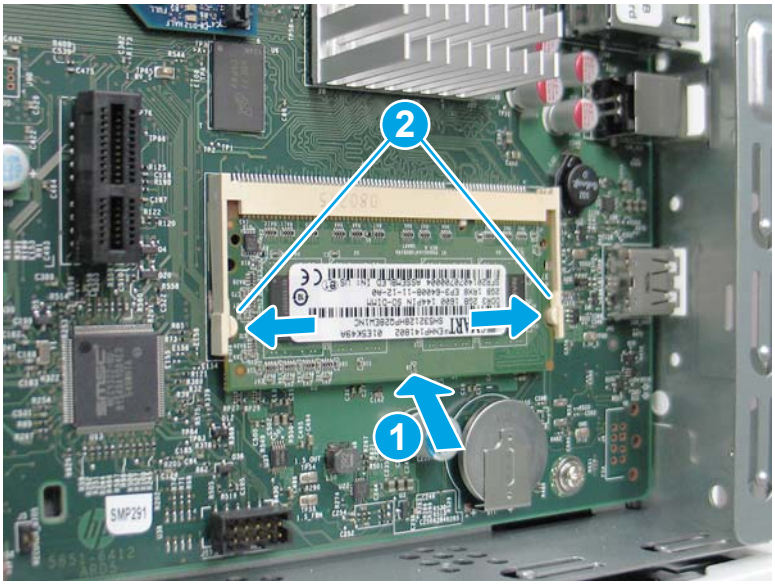
TIP: The DIMM is keyed and can only be inserted in the holder one way.

Figure 1-102 Insert the DIMM



2. Pivot the bottom edge of the DIMM toward the holder (callout 1), and then make sure that the two locking arms snap into place (callout 2).

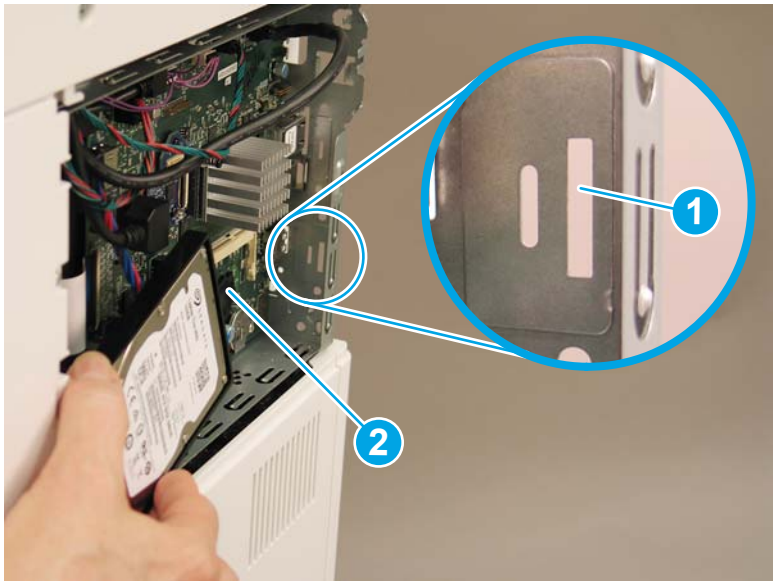
Figure 1-103 Install the DIMM



Step 6: Install the HDD

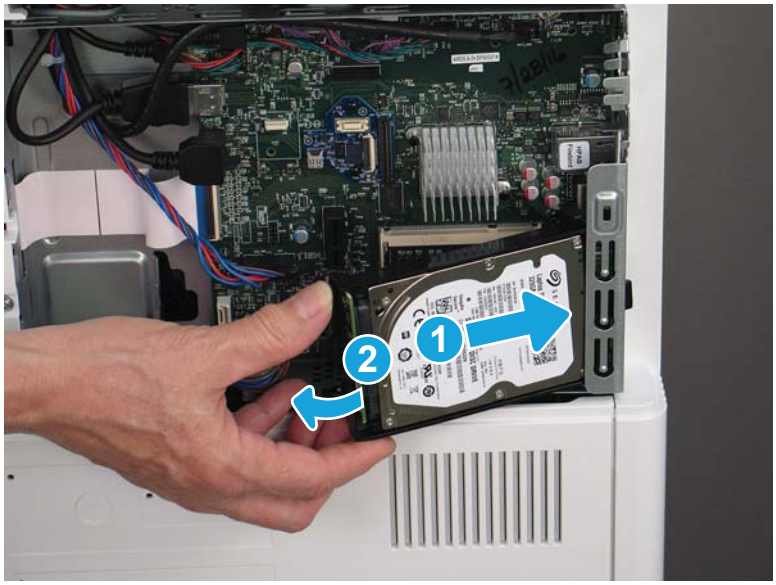
1. Before proceeding, take note of the location of the slot (callout 1) in the sheet-metal where the HDD cradle mounting tab (callout 2) must be installed.

Figure 1-104 Locate the slot in the sheet metal



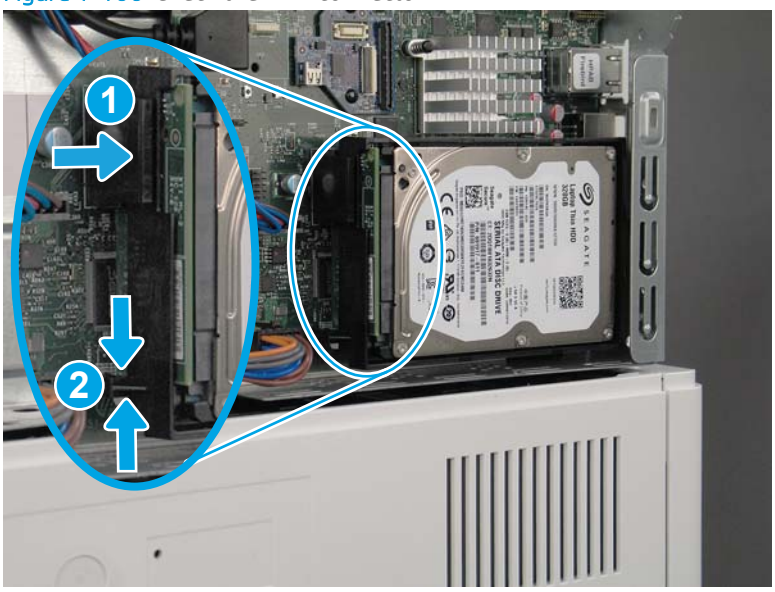
2. Insert the HDD cradle mounting tab in the slot in the sheet-metal, slide the HDD to the right (callout 1) to fully install the tab in the sheet metal, and then rotate the connector end (callout 2) of the HDD toward the formatter.

Figure 1-105 Install the HDD



3. Make sure that the locking connector (callout 1) latches and that the stando (callout 2) engages with the slot in the formatter (it might be necessary to pinch the retainer to engage it with the slot).

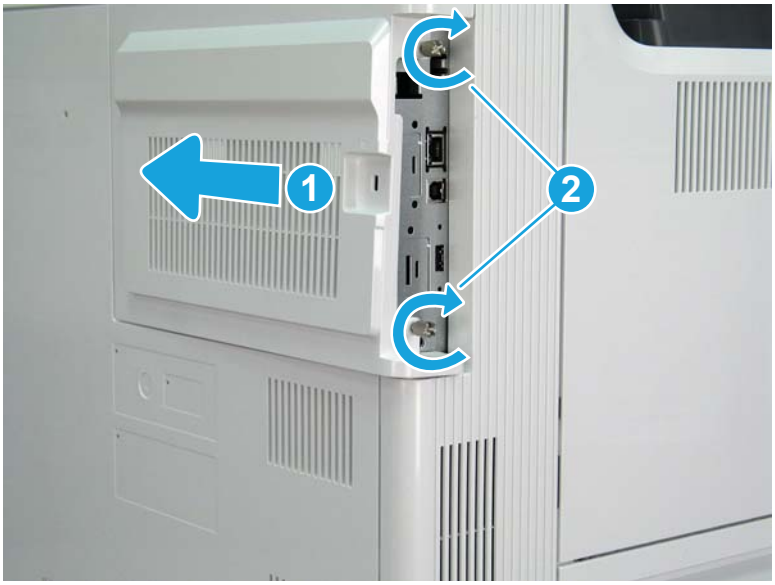
Figure 1-106 Check the HDD connector



Step 7: Install the formatter cover

▲ Slide the formatter cover (callout 1) toward the printer to install it, and then tighten two thumbscrews (callout 2).

Figure 1-107 Install the formatter cover



Removal and replacement: Fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the fax PCA
- Step 3: Unpack the replacement assembly
- Step 4: Install the fax PCA
- Step 5: Install the formatter cover

Introduction

This document provides the procedures to remove and replace the fax PCA.

Click here to view a video of this procedure

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Fax PCA part number	
B5L53-67901	Fax PCA

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

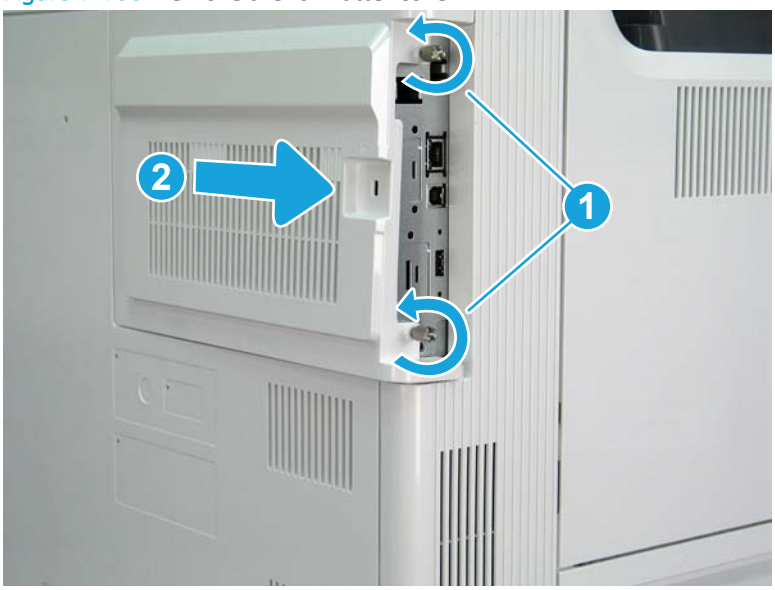
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-108 Remove the formatter cover



Step 2: Remove the fax PCA

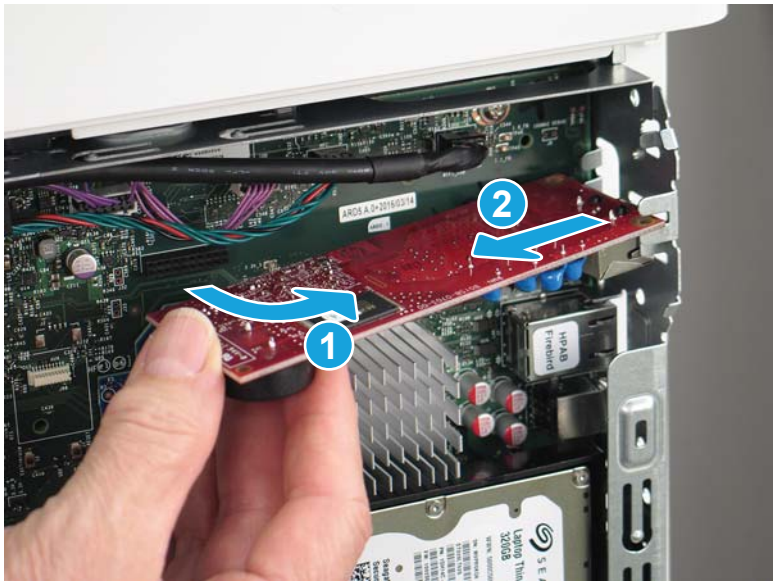
1. Locate the fax PCA on the formatter.

Figure 1-109 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

Figure 1-110 Remove the fax PCA



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

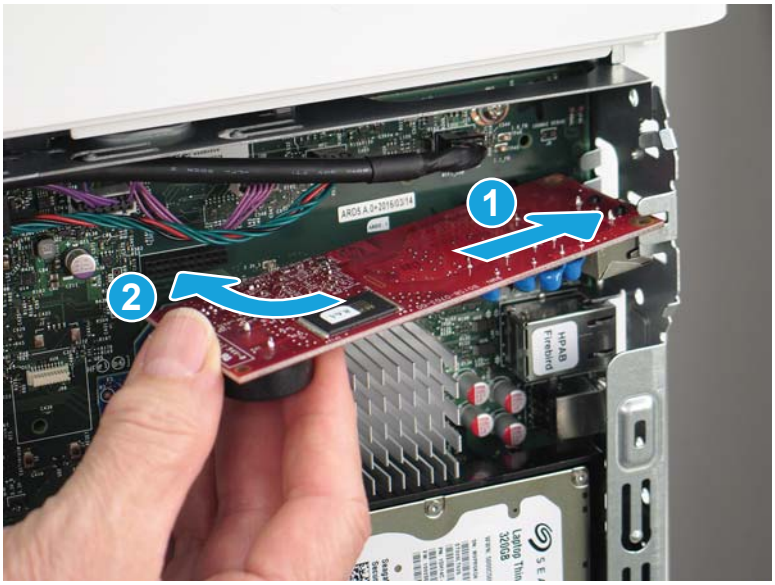
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 4: Install the fax PCA

- Position the telephone port on the right end of the fax PCA through the sheet metal in the formatter case (callout 1). Rotate the connector end of the fax PCA toward the formatter (callout 2), and then install the connector on the fax PCA into the connector on the formatter.

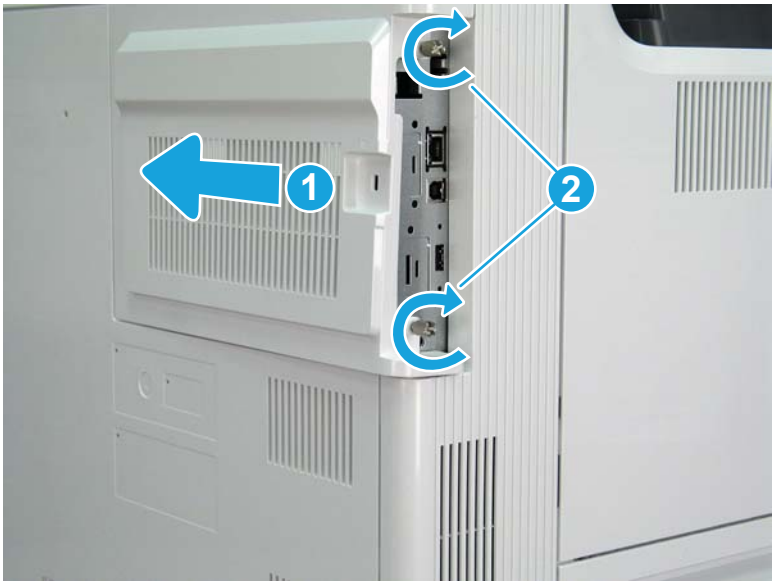
Figure 1-111 Install the fax PCA



Step 5: Install the formatter cover

- Slide the formatter cover (callout 1) toward the printer to install it, and then tighten two thumbscrews (callout 2).

Figure 1-112 Install the formatter cover



Removal and replacement: Document feeder rollers

- Introduction
- Step 1: Remove the document feeder rollers
- Step 2: Unpack the replacement assembly
- Step 3: Install the document feeder rollers

Introduction

This document provides the procedures to remove and replace the document feeder rollers

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Document feeder rollers part number	
5851-7202	Document feeder rollers with instruction guide

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the document feeder rollers

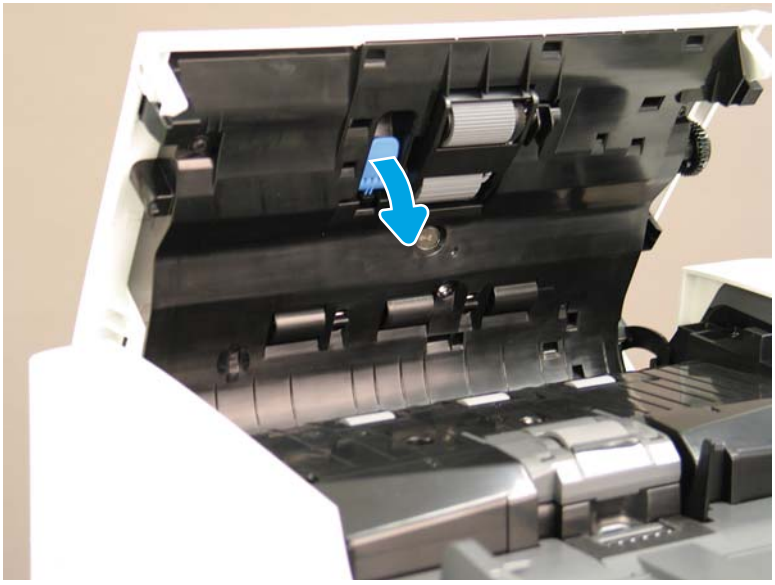
1. Open the document feeder cover.

Figure 1-113 Open the document feeder cover



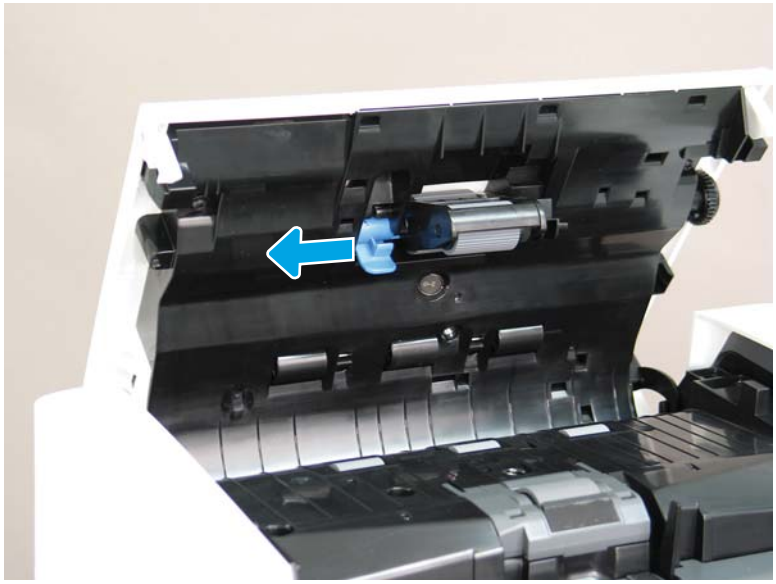
2. Rotate the blue locking lever down.

Figure 1-114 Rotate the blue locking lever down



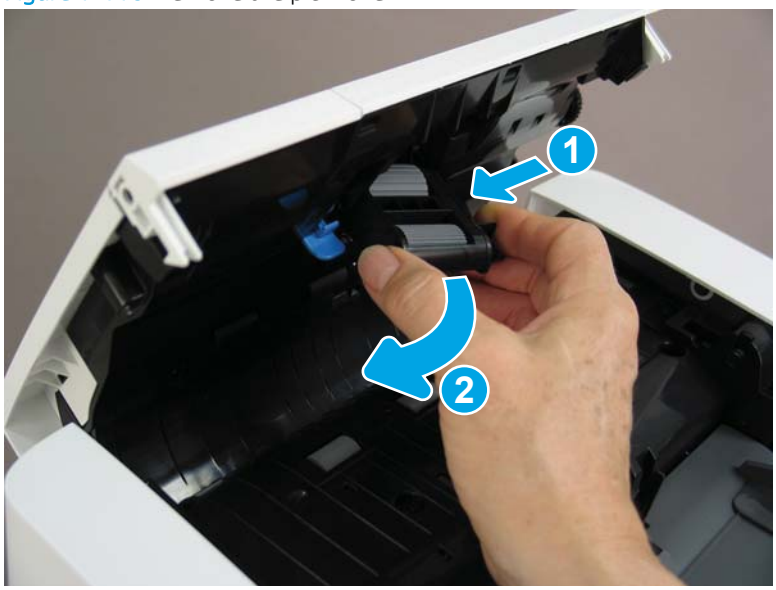
3. Slide the locking lever toward the front of the printer.

Figure 1-115 Slide the locking lever toward the front



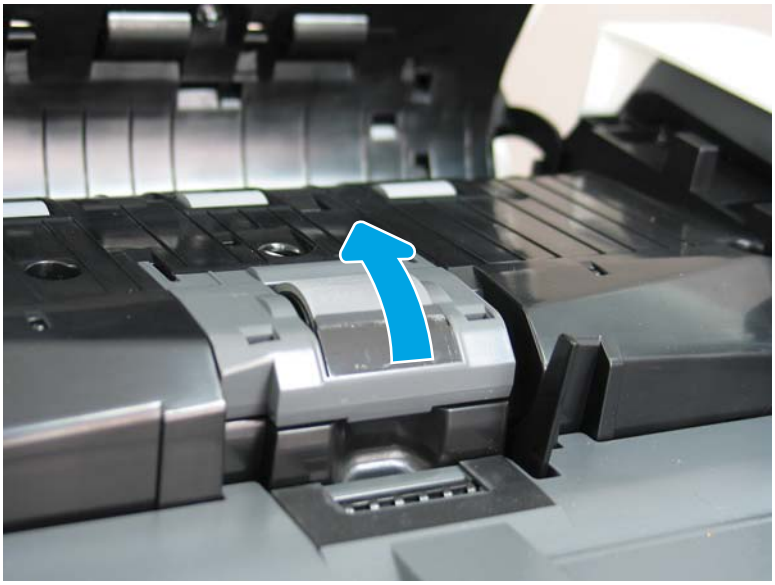
4. Slide the roller to the left (callout 1), and then rotate it away from the document feeder to remove it (callout 2).

Figure 1-116 Remove the pick roller



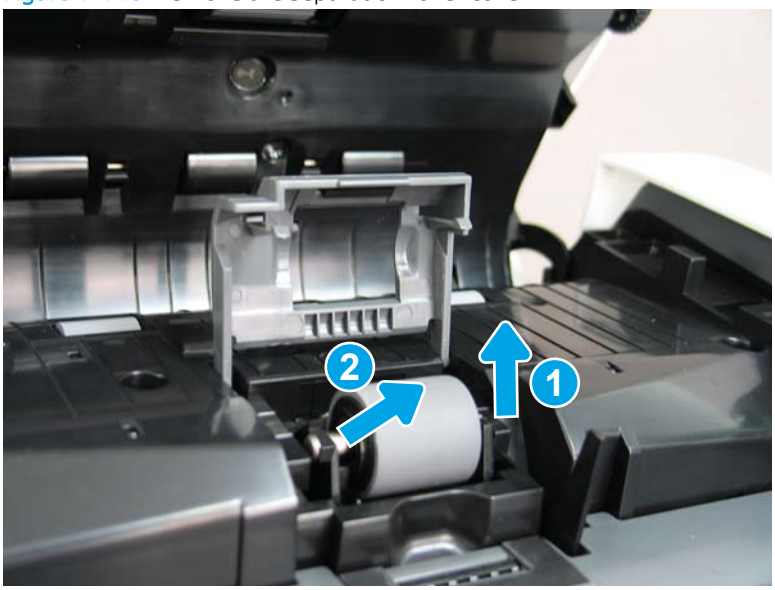
5. Open the document feeder separation roller cover..

Figure 1-117 Open the separation roller cover



6. Raise the right edge of the separation roller (callout 1), and then slide the roller to the right (callout 2) to remove it.

Figure 1-118 Remove the separation roller cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

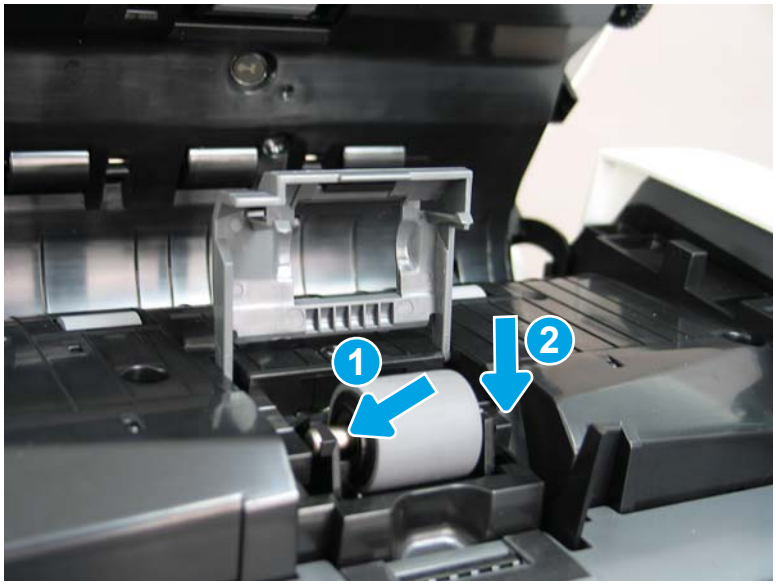
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the document feeder rollers

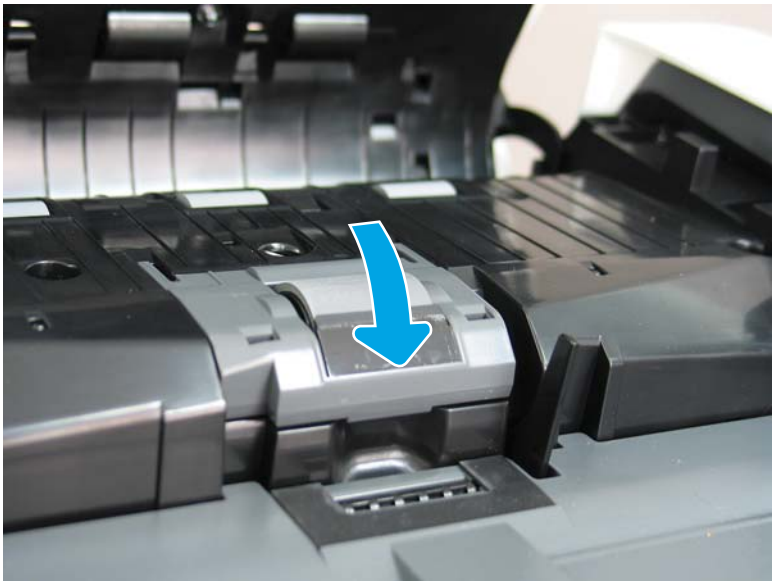
1. Install the left end of the replacement separation roller into the holder (callout 1), and then press the right side of the roller down (callout 2).

Figure 1-119 Install the separation roller



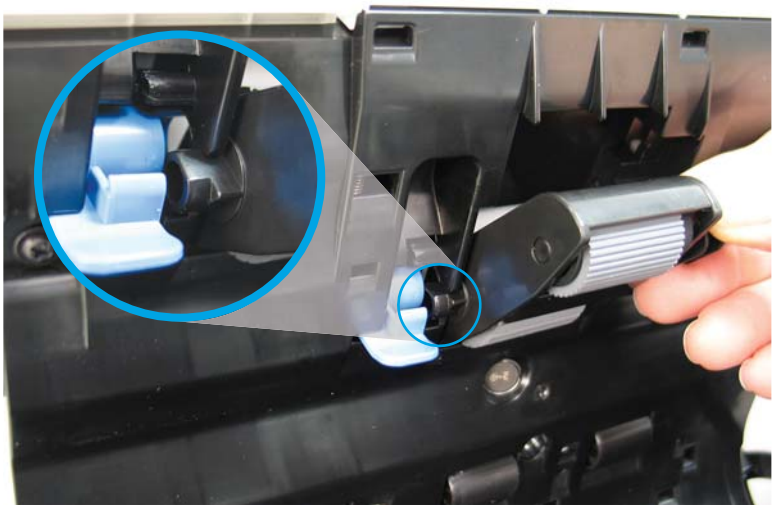
2. Close the roller cover.

Figure 1-120 Close the roller cover



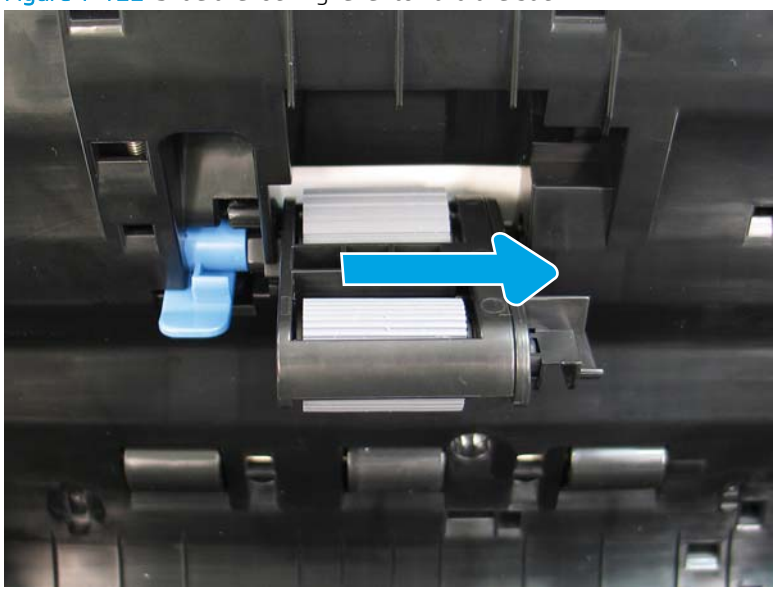
3. Install the tab on the left end of the replacement pick roller assembly into the slot in the document feeder.

Figure 1-121 Install the pick roller



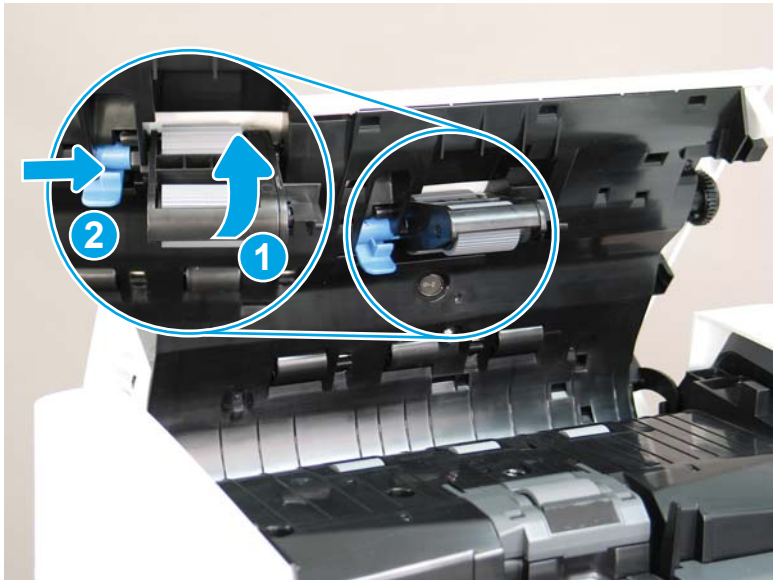
4. Slide the locking lever toward the back of the printer to secure the pick roller.

Figure 1-122 Slide the locking lever toward the back



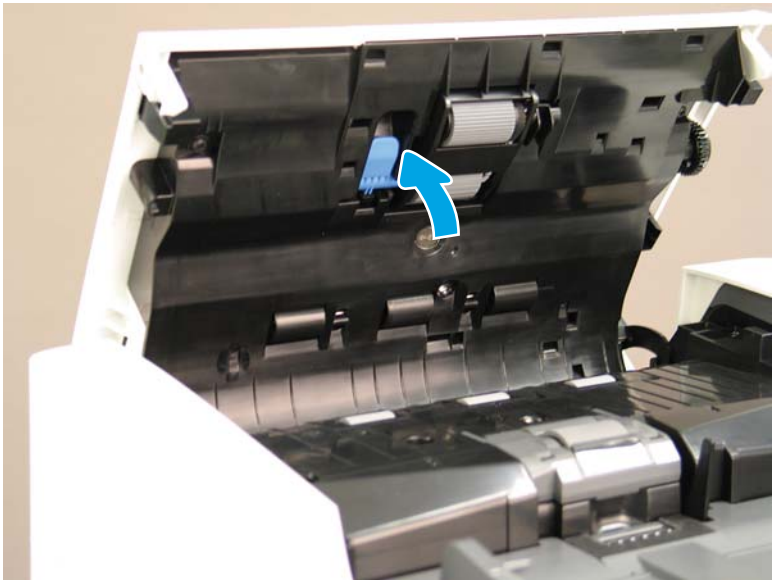
5. Rotate the pick roller assembly up into the holder (callout 1), and then slide the blue locking lever toward the back of the printer (callout 2).

Figure 1-123 Rotate the pick roller up and slide the blue locking lever towards the back



6. Rotate the blue locking lever up.

Figure 1-124 Rotate the blue locking lever up



7. Close the document feeder cover.

Figure 1-125 Close the document feeder cover



Removal and replacement: Document feeder separation roller cover

- Introduction
- Step 1: Remove the document feeder separation roller cover
- Step 2: Unpack the replacement assembly
- Step 3: Install the document feeder separation roller cover

Introduction

This document provides the procedures to remove and replace the document feeder separation roller cover.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Document feeder separation roller cover part number	
J1H98-60026	ADF Separation Roller Cover

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the document feeder separation roller cover

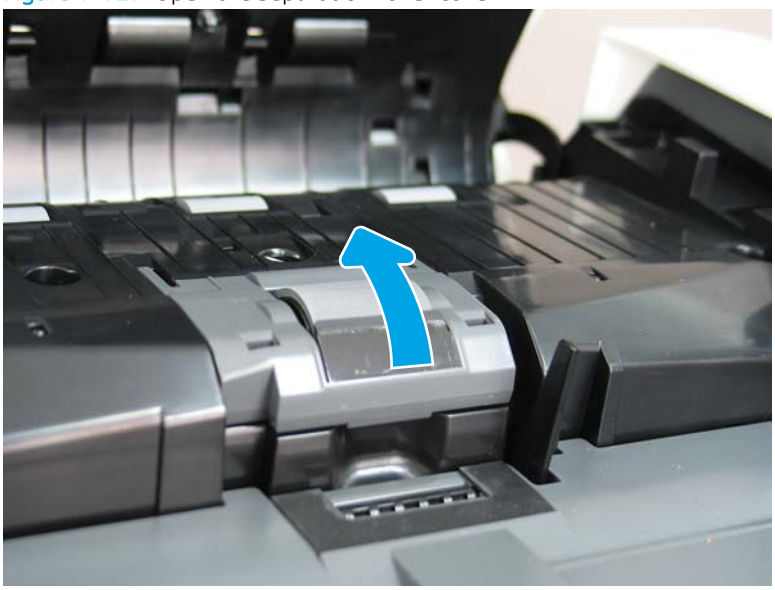
1. Open the document feeder cover.

Figure 1-126 Open the document feeder cover



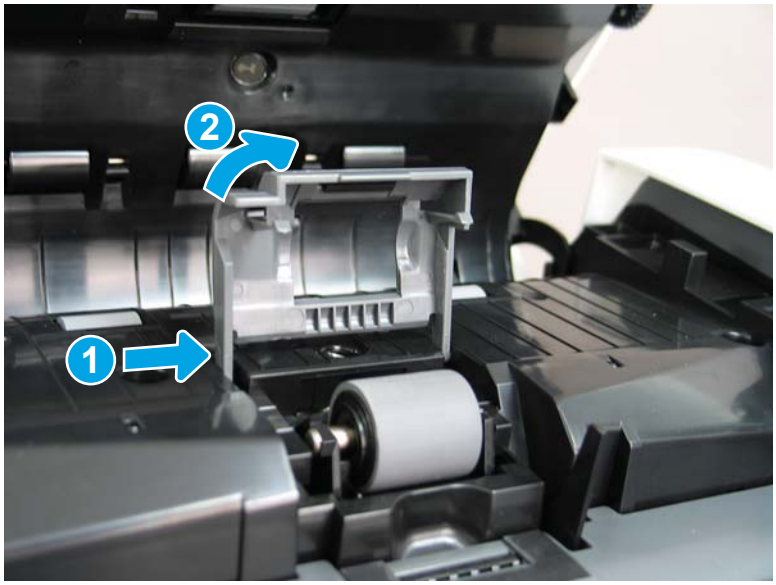
2. Open the document feeder separation roller cover..

Figure 1-127 Open the separation roller cover



3. Release the hinge pin (callout 1), and then rotate the cover to the right (callout 2) to remove it.

Figure 1-128 Remove the separation roller



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

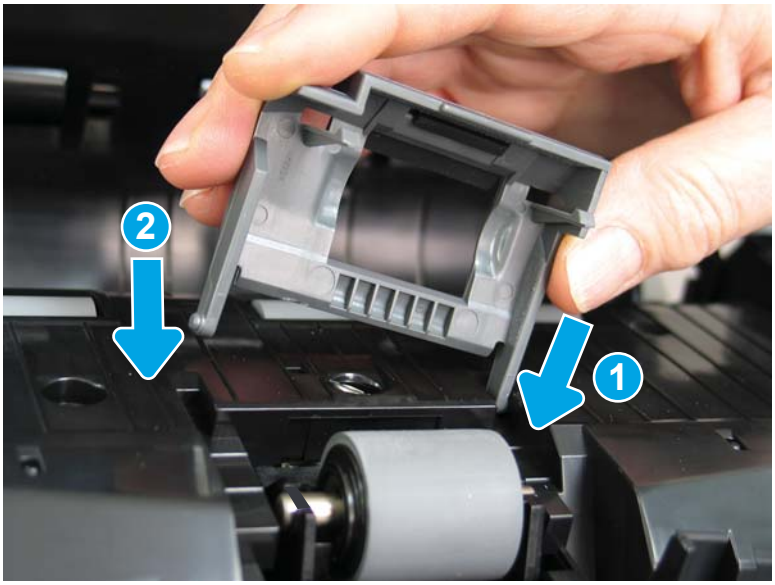
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the document feeder separation roller cover

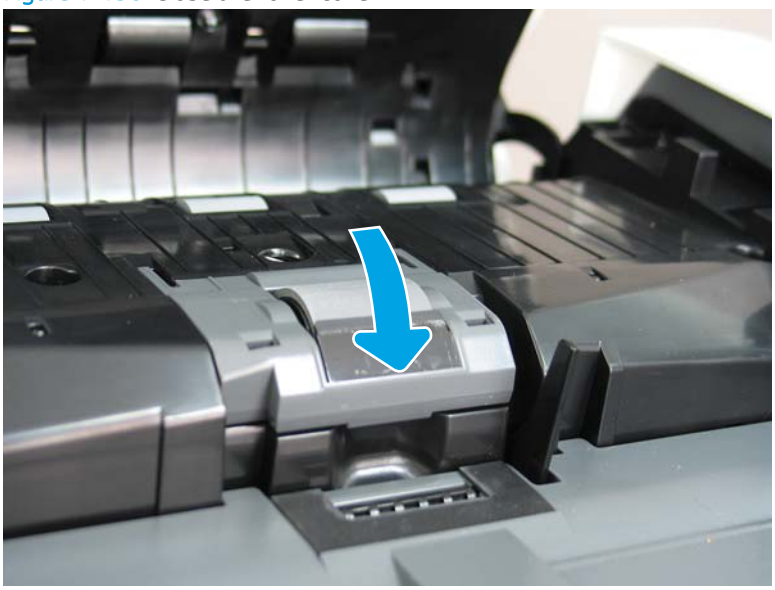
1. Position the right side of the cover in the opening in the document feeder (callout 1), and then lower the left side of the cover (callout 2) to install the hinge pin.

Figure 1-129 Install the separation roller cover



2. Close the roller cover.

Figure 1-130 Close the roller cover



3. Close the document feeder cover.

Figure 1-131 Close the document feeder cover



Removal and replacement: Secondary transfer roller

- Introduction
- Step 1: Remove the secondary transfer roller
- Step 2: Unpack the replacement assembly
- Step 3: Install the secondary transfer roller

Introduction

This document provides the procedures to remove and replace the secondary transfer roller.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Secondary transfer roller part numbers	
RM2-6561-000CN	Secondary transfer roller

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

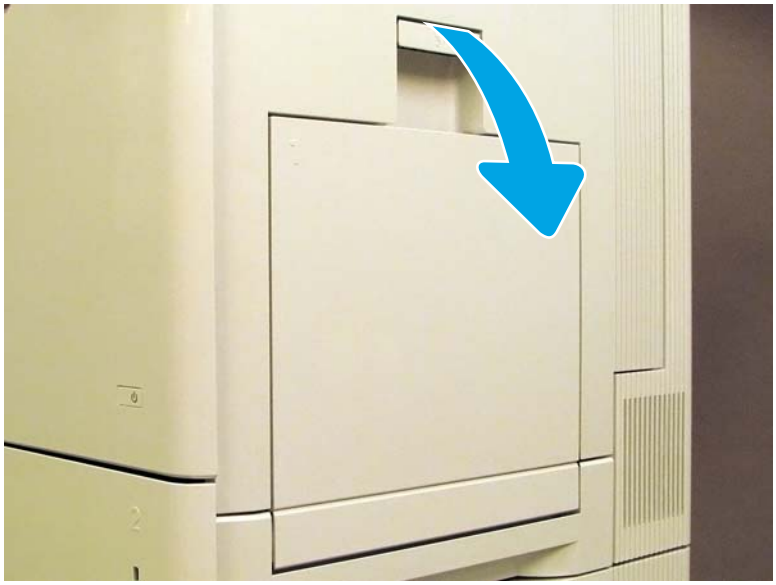
Post service test

Print a page and verify that the print quality is acceptable.

Step 1: Remove the secondary transfer roller

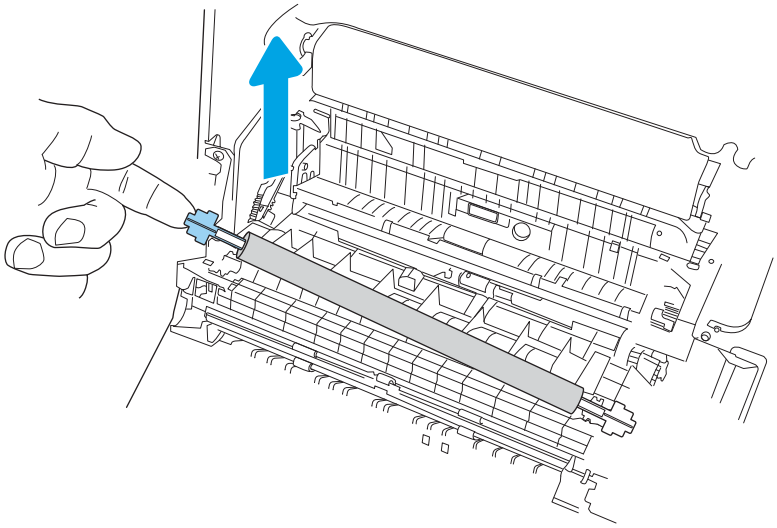
1. Open the right door.

Figure 1-132 Open the right door



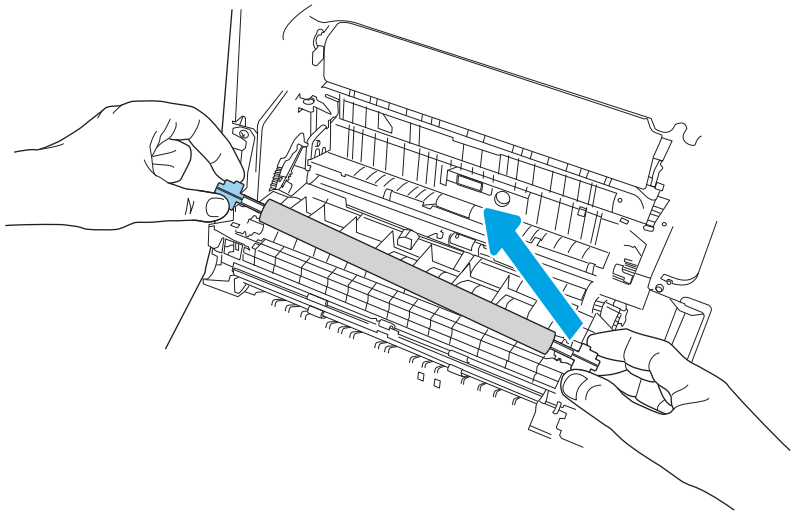
2. Lift up the left edge of the secondary transfer roller.

Figure 1-133 Lift the left edge



3. Slide the roller up and to the left to remove it from the holder.

Figure 1-134 Remove the transfer roller



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

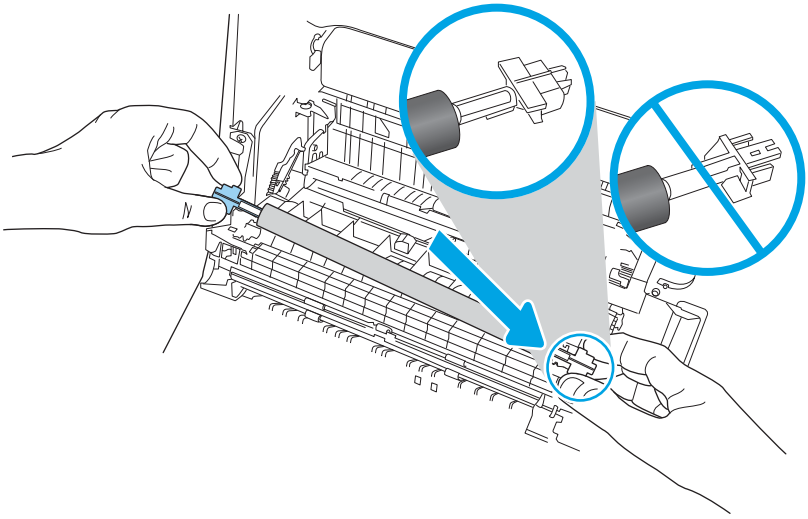
NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the secondary transfer roller

1. Insert the right end (white plastic) of the replacement roller into the holder.

CAUTION: Do not touch the transfer roller. Skin oils and fingerprint on the roller can cause print-quality problems.

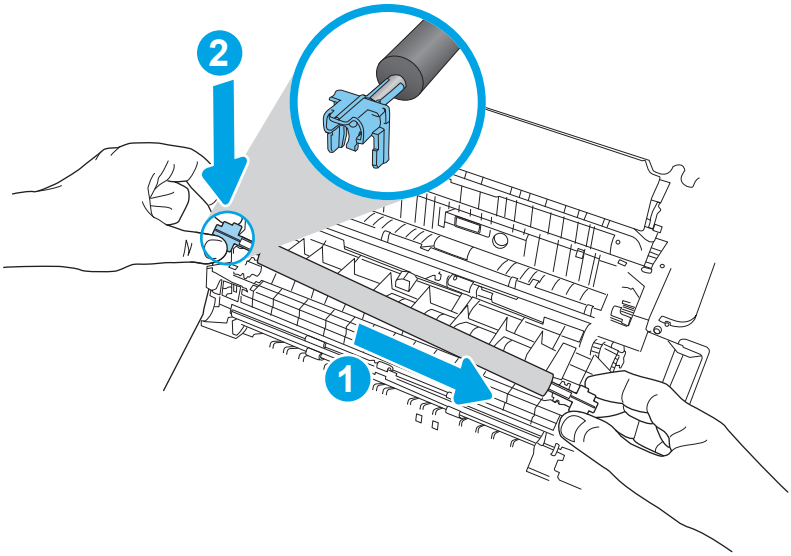
Figure 1-135 Insert the right end into the holder



2. Hold the left end of the roller, and then slide the roller to the right (callout 1) to fully install it in the holder. Push down on the left end (blue plastic clip; callout 2) until the roller snaps into place.

IMPORTANT: Make sure that both ends of the roller assembly are fully seated in the holders.

Figure 1-136 Install the transfer roller



3. Close the right door.

Figure 1-137 Close the right door



Removal and replacement: Intermediate transfer belt (ITB)

- Introduction
- Step 1: Remove the intermediate transfer belt (ITB)
- Step 2: Unpack the replacement assembly
- Step 3: Install the ITB

Introduction

This document provides the procedures to remove and replace the intermediate transfer belt.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Intermediate transfer belt part numbers	
P1B93-67901	Intermediate transfer belt

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

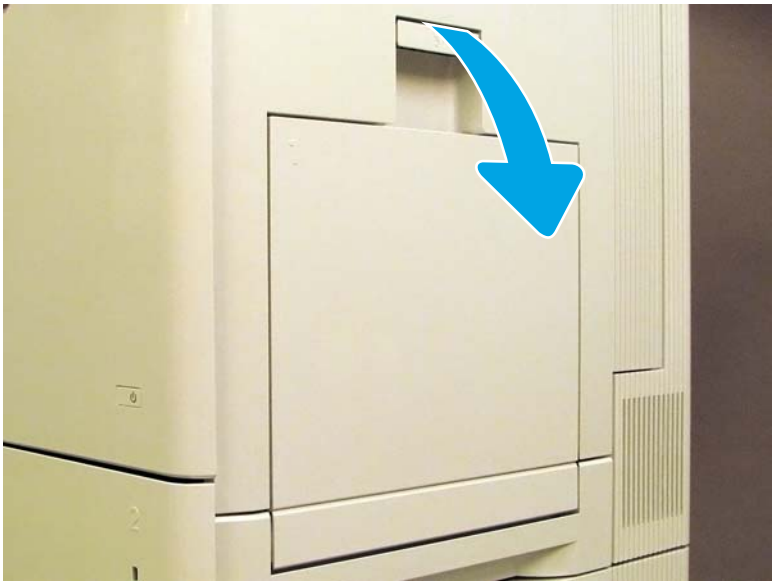
Post service test

Print a page and verify that the print quality is acceptable.

Step 1: Remove the intermediate transfer belt (ITB)

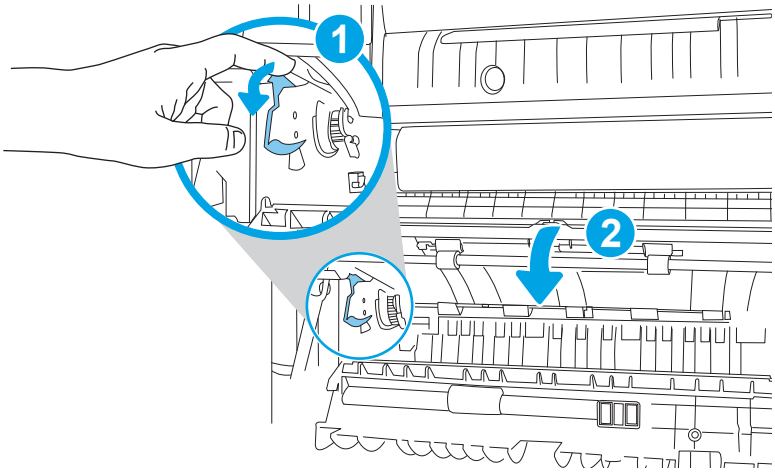
1. Open the right door.

Figure 1-138 Open the right door



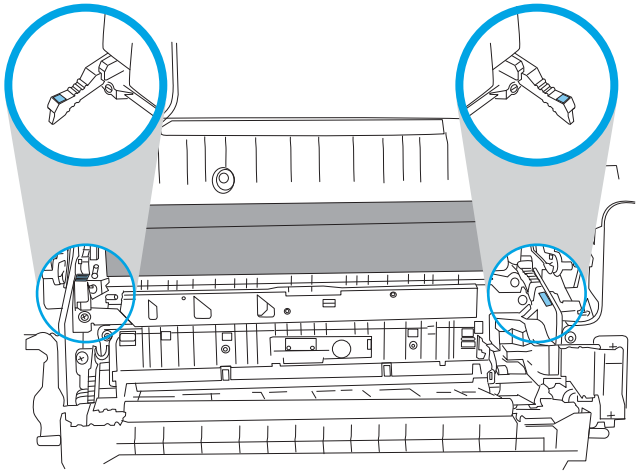
2. Release the blue latch (callout 1), and then lower the transfer assembly (callout 2).

Figure 1-139 Lower the transfer assembly



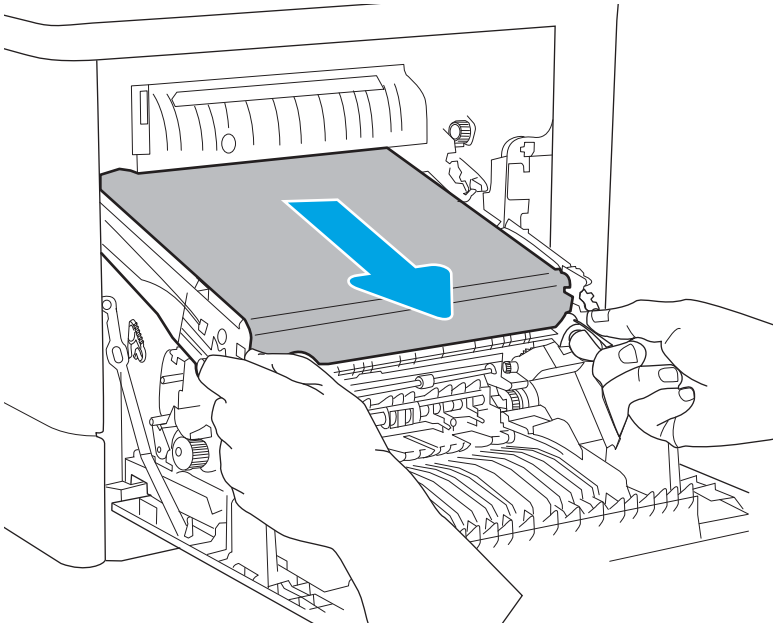
3. Grasp the two blue handles on the ITB.

Figure 1-140 Grasp the two blue handles



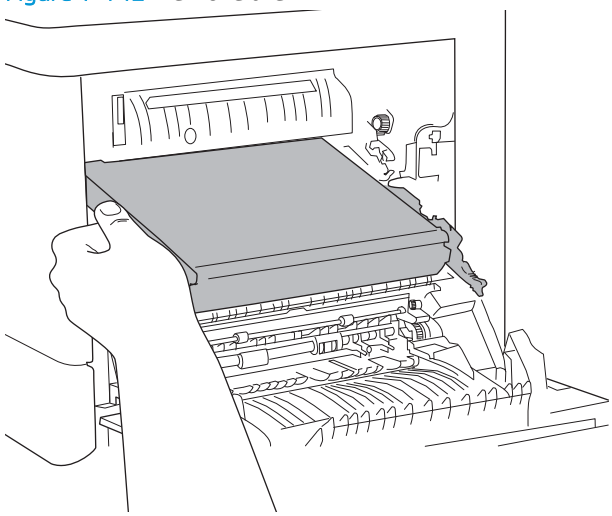
4. Pull the ITB partially out of the printer.

Figure 1-141 Pull the ITB partially out of the printer



5. Grasp the outside edges of the ITB to support it, and then remove the ITB from the printer.

Figure 1-142 Remove the ITB



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

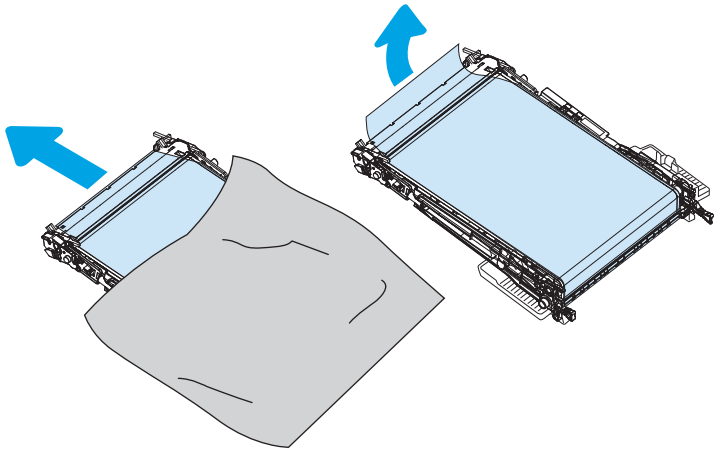
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the ITB

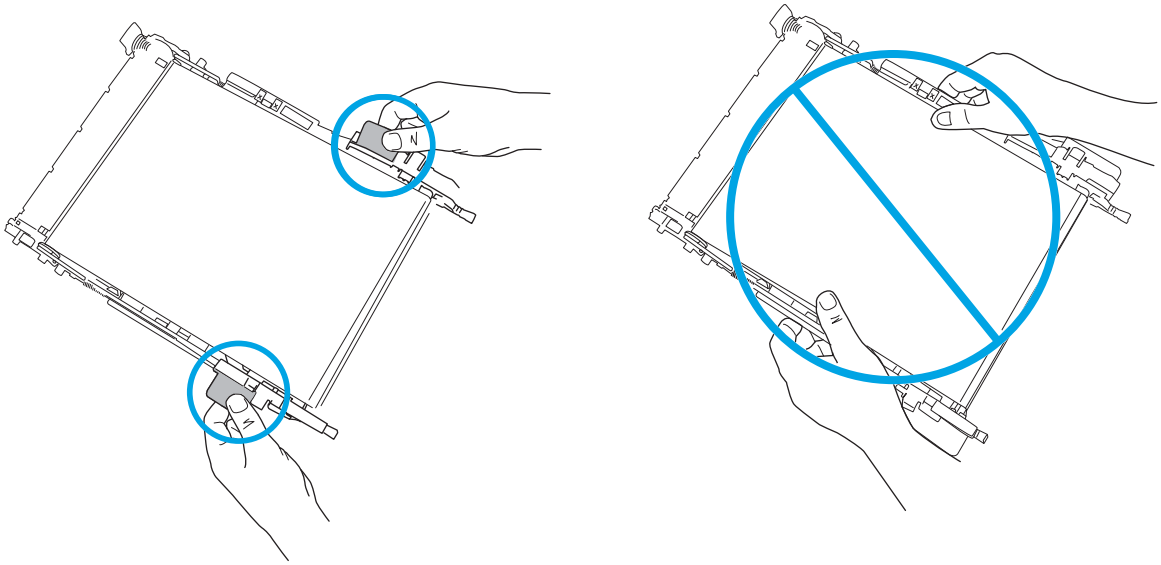
1. Remove the ITB from the packaging, and then remove the protective fil around the ITB.

Figure 1-143 Remove the protective fil



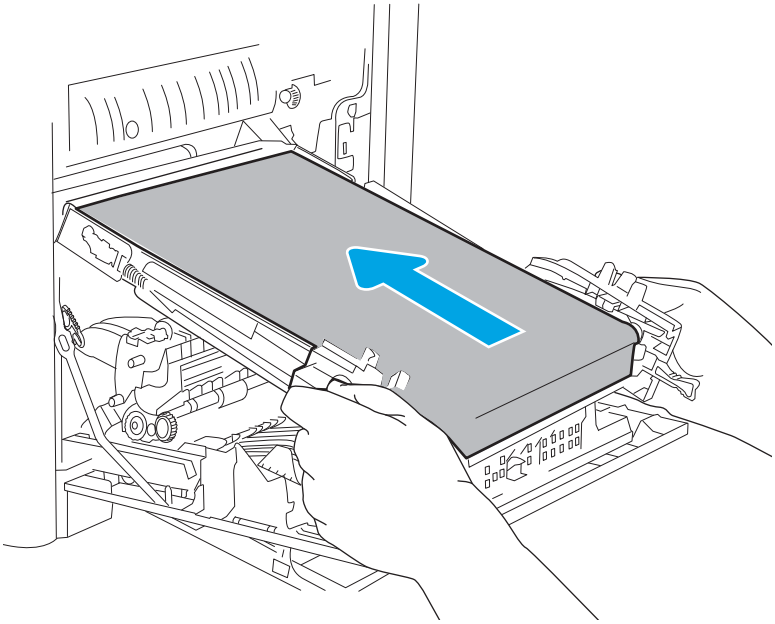
2. Handle the replacement ITB by the orange handles. Do not touch the grey-plastic belt. Skin oils and fingerprint on the belt can cause print-quality problems.

Figure 1-144 Remove all packing materials



3. Align the ITB with guides inside the printer, and then carefully push it into the printer until the orange handles stop it.

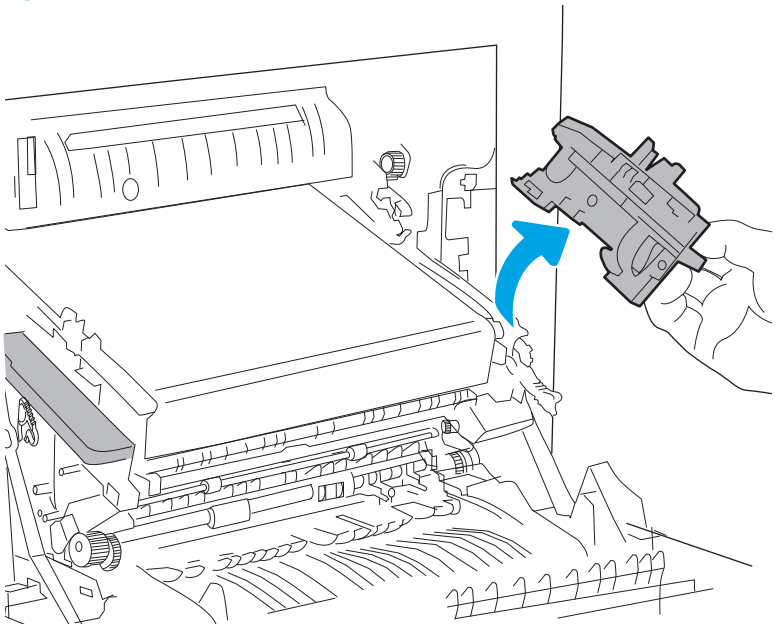
Figure 1-145 Align the ITB



4. Remove the orange handle. Repeat this step for the remaining orange handle.

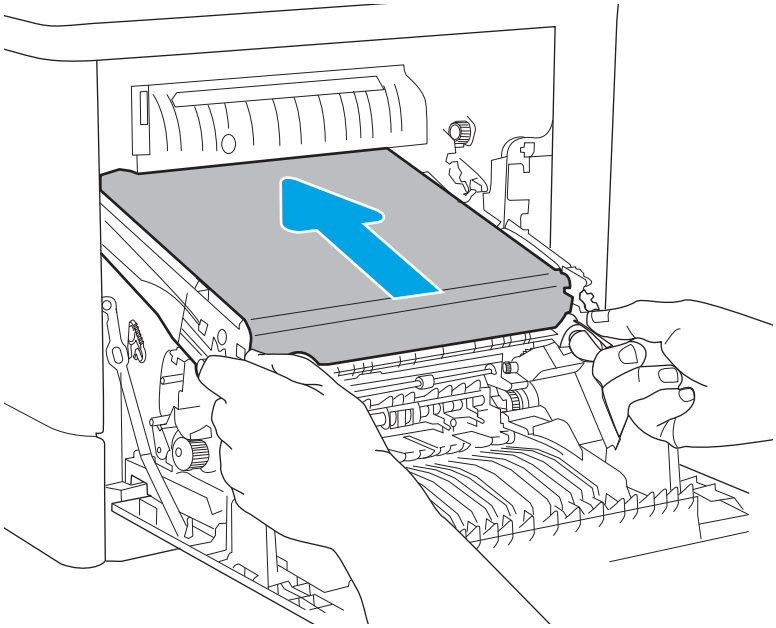
TIP: HP recommends recycling the plastic handles.

Figure 1-146 Remove the orange handles



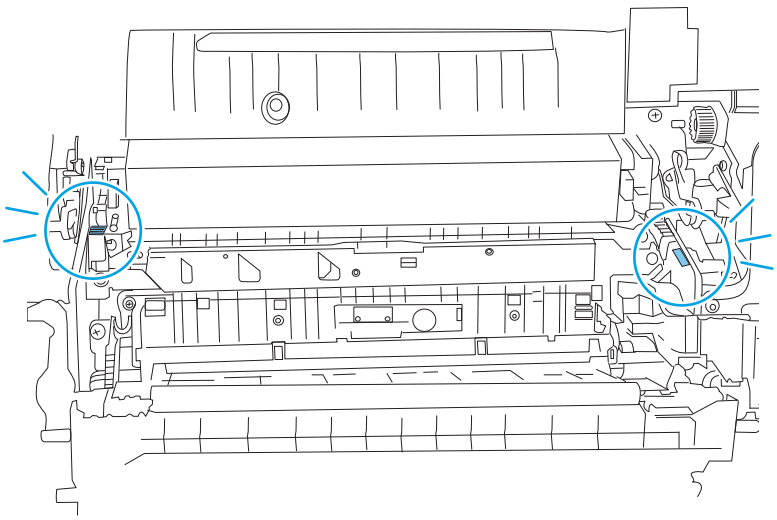
5. Using the blue handles, continue to carefully push the ITB into the printer.

Figure 1-147 Push the ITB into the printer



6. Continue to push the ITB into the printer until you hear a click, confirmin it is fully installed.

Figure 1-148 Make sure the ITB clicks into place



7. Close the right door.

Figure 1-149 Close the right door



Removal and replacement: Control panels (M652/M653/E65050/E65060/E65150/E65160)

- Introduction
- Step 1: Remove the control panel
- Step 2: Unpack the replacement assembly
- Step 3: Install the control panel

Introduction

This document provides the procedures to remove and replace the control panels for the M652/M653/E65050/E65060/E65150/E65160 models.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Control panels (M652/M653/E65050/E65060/E65150/E65160) part numbers	
5851-7252	Control panel (4.3 inch)
5851-7975	Control panel (2.7 inch with keypad)
RM2-1267-010CN	Control panel (2.7 inch)

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Access the menus by using the printer control panel, and then print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the control panel

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-150 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-151 Remove the cover



3. Remove one thumbscrew (callout 1)

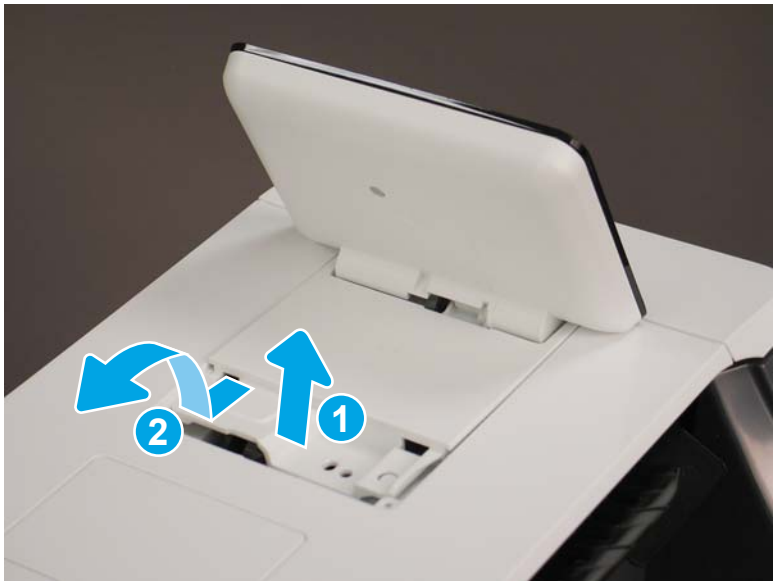
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-152 Remove one thumbscrew



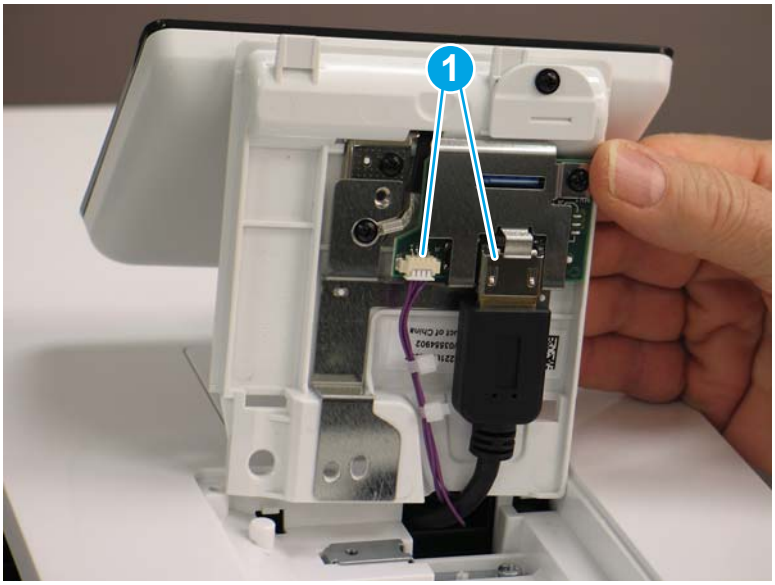
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-153 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-154 Disconnect two connectors



6. Remove the control panel.

Figure 1-155 Remove the control panel



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

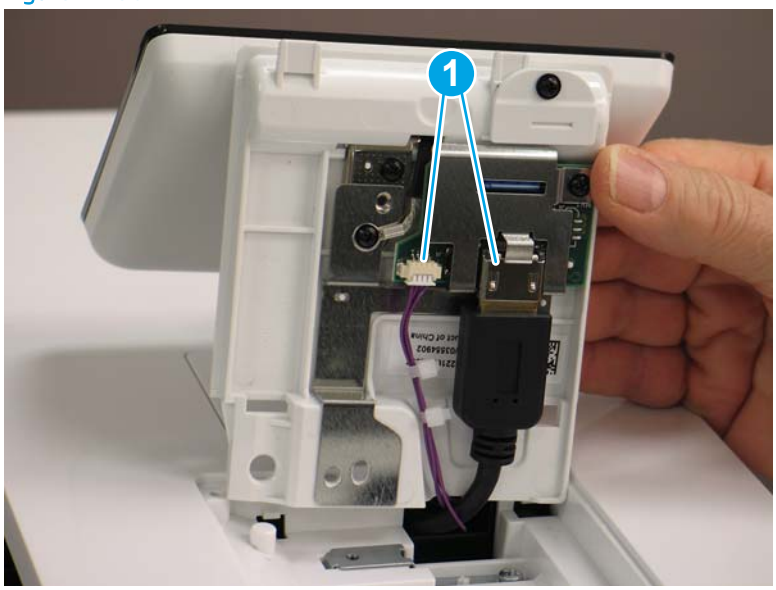
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the control panel

1. Connect two connectors (callout 1).

Figure 1-156 Connect two connectors



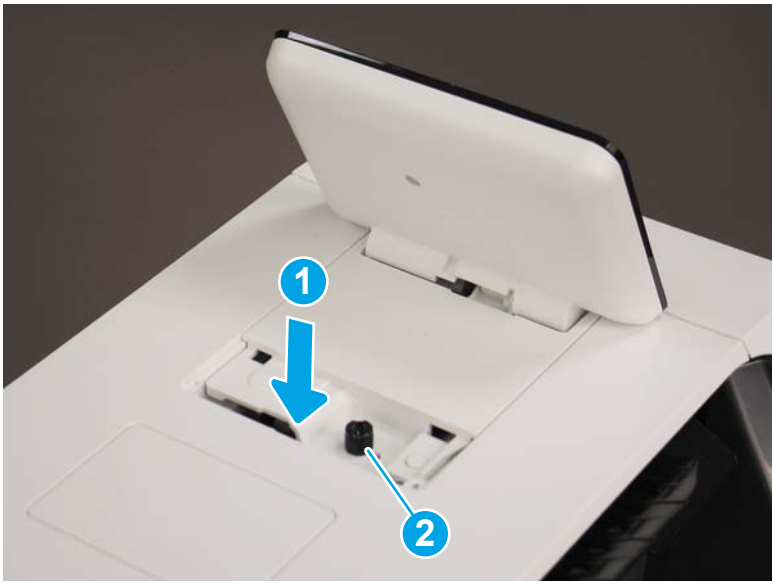
2. Install the tabs on the front of the control panel in the slots on the printer top cover.

Figure 1-157 Install the tabs



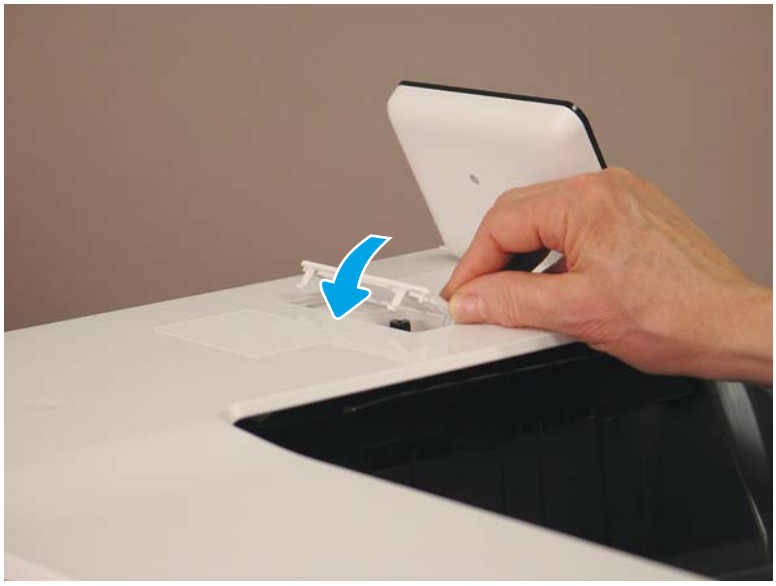
3. Lower the back edge of the control panel down (callout 1), and then install one thumbscrew (callout 2).

Figure 1-158 Install one thumbscrew



4. Align the tabs on the front of the control panel cover with the slots in the printer, and then pivot the cover down to install it.

Figure 1-159 Install the cover



Removal and replacement: Fuser

- Introduction
- Step 1: Remove the fuser
- Step 2: Unpack the replacement assembly
- Step 3: Install the fuser

Introduction

This document provides the procedures to remove and replace the fuser.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Fuser part numbers	
RM2-1928-000CN	Fuser kit (110V)
RM2-1929-000CN	Fuser kit (220V)

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Print a page and make sure that the toner is fused to the page properly.

Step 1: Remove the fuser

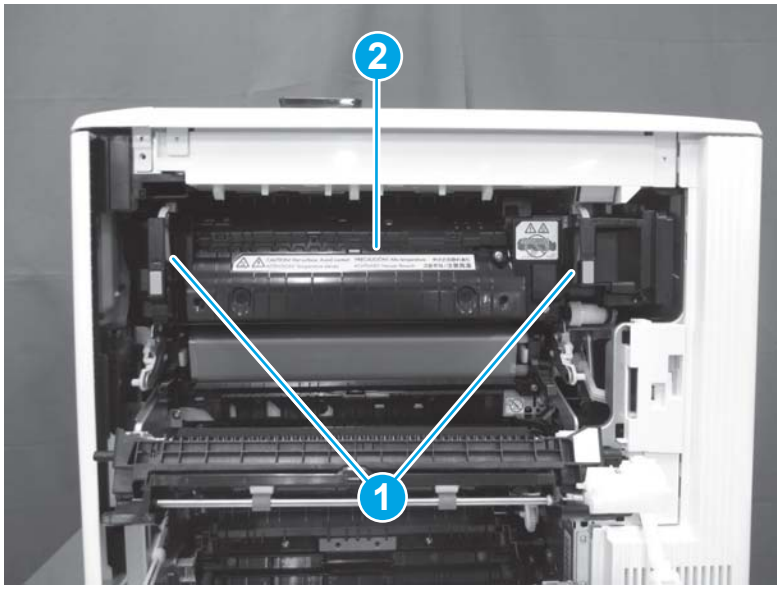
1. Open the right door.

Figure 1-160 Open the right door



2. Grasp the handles (callout 1), and then pull away from the printer to remove the fuser (callout 2).

Figure 1-161 Remove the fuser



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

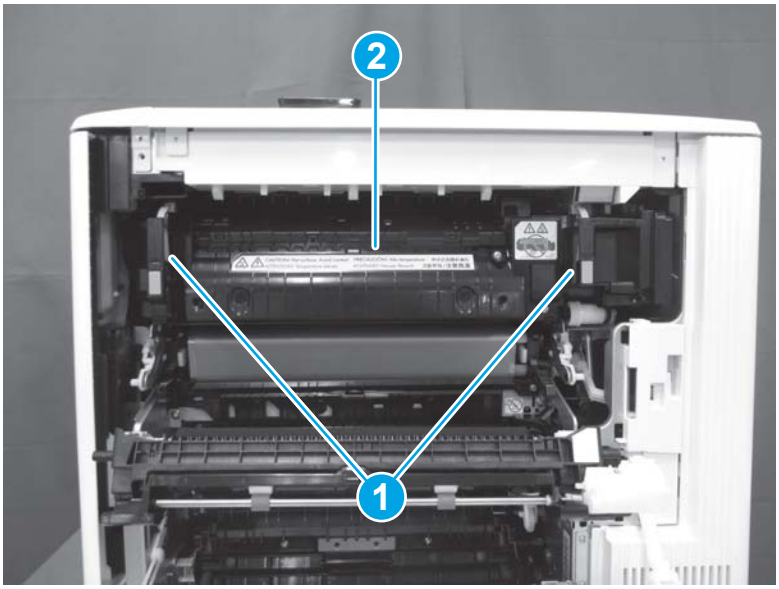
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the fuser

1. Grasp the handles (callout 1), and then position the fuser (callout 2) in the printer. Press the fuser toward the printer to install it.

Figure 1-162 Install the fuser



2. Close the right door.

Figure 1-163 Close the right door



Removal and replacement: White backing

- Introduction
- Step 1: Remove the white backing
- Step 2: Unpack the replacement assembly
- Step 3: Install the white backing

Introduction

This document provides the procedures to remove and replace the white backing.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

White backing part numbers	
5851-7206	White backing A4 kit
5851-7207	White backing retention clips

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the white backing

1. Open the document feeder.

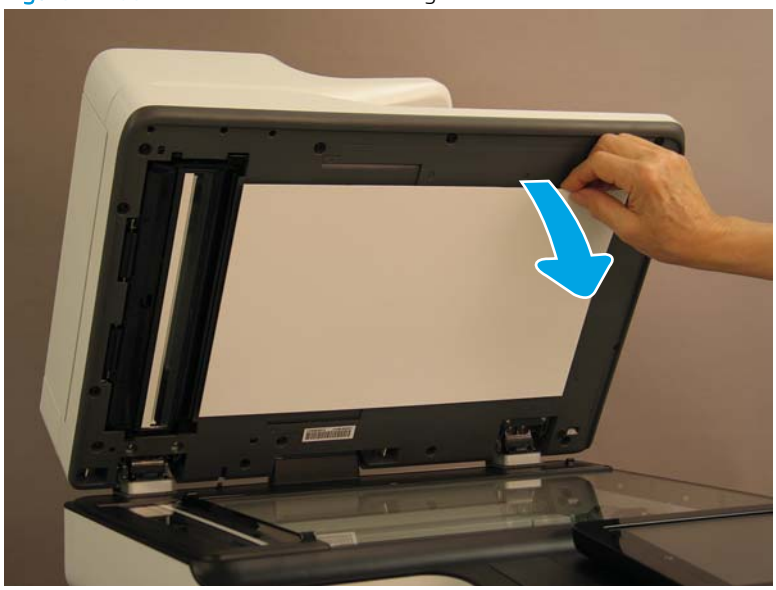
Figure 1-164 Open the document feeder



2. Grasp the edge of the white backing, and then firml pull it away from the document feeder to remove the backing and the retention clips.

NOTE: The clips are still attached to the white backing when it is removed.

Figure 1-165 Remove the white backing



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

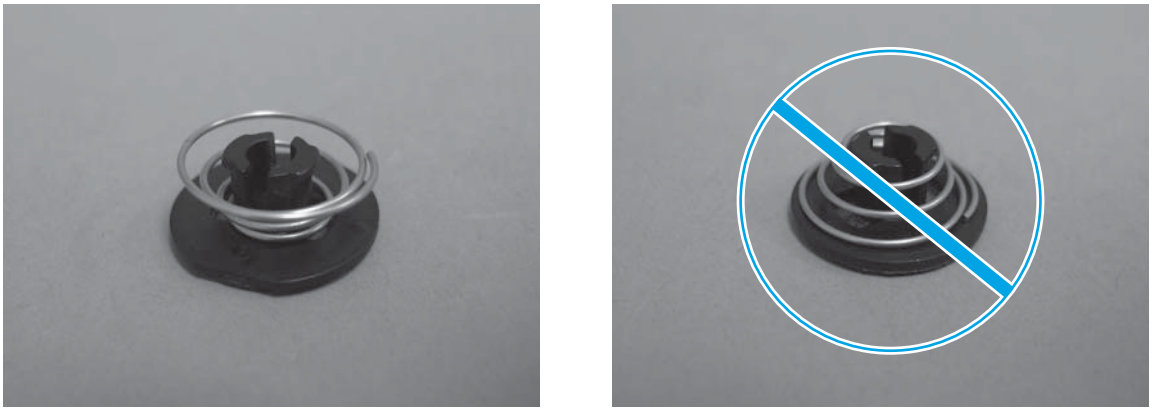
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the white backing

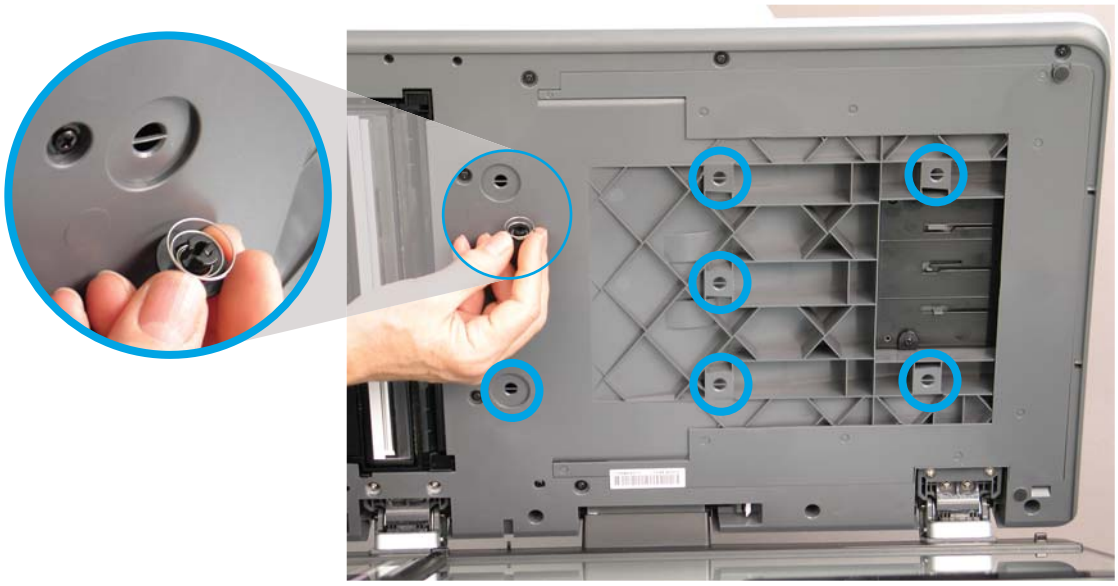
1. Verify that the springs are positioned correctly on each of the retention clips provided in the replacement kit.

Figure 1-166 Verify spring positions



2. In the location where the white backing was removed, install seven retention clips in the document feeder. Align the tabs on the clip with the slots in the document feeder.

Figure 1-167 Install seven clips



3. Press on each retention clip to make sure that they are fully installed. You will hear an audible click when the clip is correctly installed.

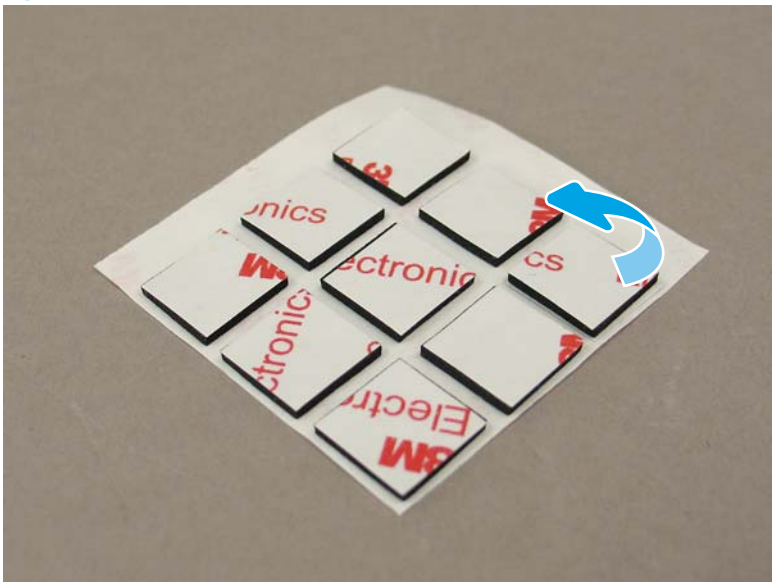
Figure 1-168 Press on each clip



4. Peel an adhesive square o of the backing sheet.

NOTE: Do not remove the protective fil o of the top of the adhesive square yet.

Figure 1-169 Remove an adhesive square



5. Attach an adhesive square to each retention clip on the document feeder.

Figure 1-170 Attach adhesive squares



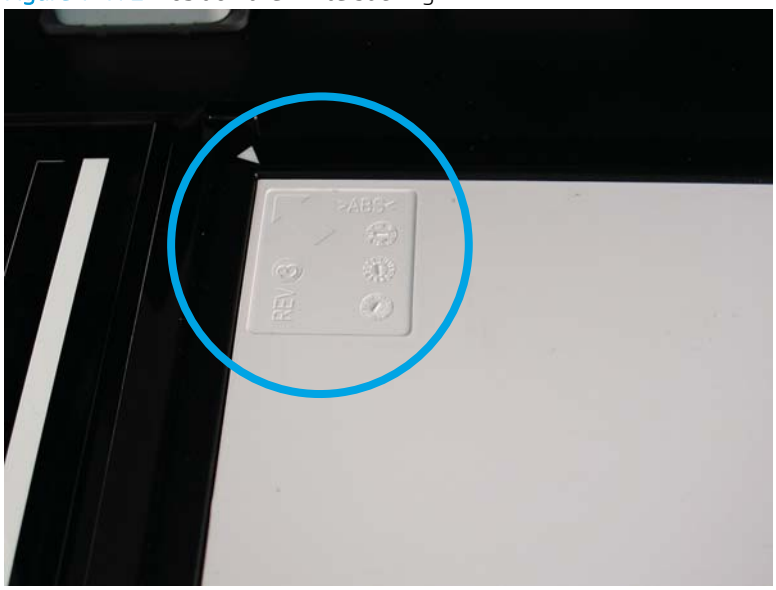
6. Remove the protective fil o of each adhesive square.

Figure 1-171 Remove the protective fil



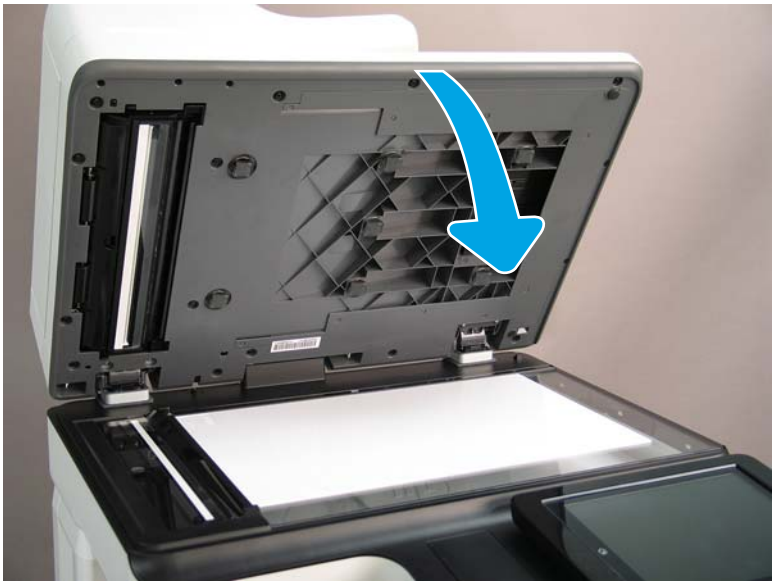
7. Position the white backing on the image scanner glass. Make sure that the corner with the embossed arrow on the backing is positioned against the corner with the white arrow on the scanner.

Figure 1-172 Position the white backing



8. Close the document feeder.

Figure 1-173 Close the document feeder



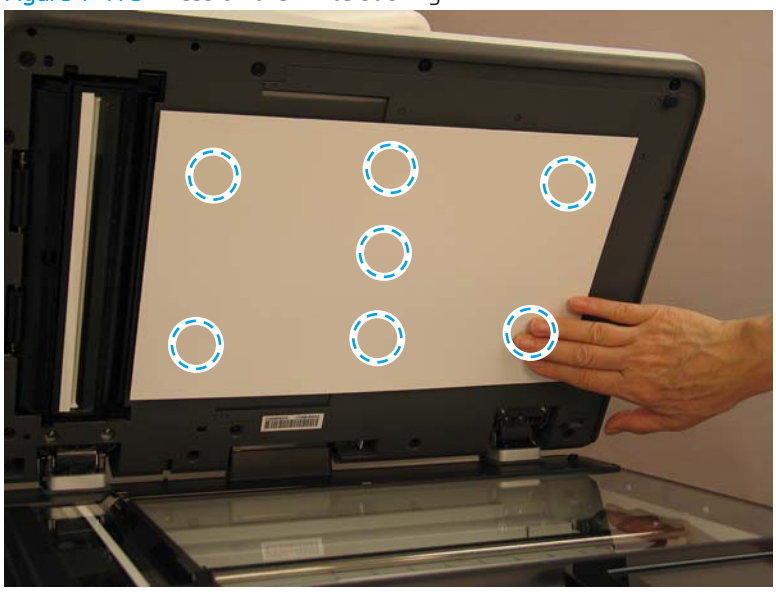
9. Open the document feeder.

Figure 1-174 Open the document feeder



10. Press on the white backing at the location of each retention clip to ensure that the backing is securely attached to the adhesive on the clips.

Figure 1-175 Press on the white backing



11. Close the document feeder.

Figure 1-176 Close the document feeder



Removal and replacement: Toner cartridges

- Introduction
- Step 1: Remove a toner cartridge
- Step 2: Unpack the replacement assembly
- Step 3: Install a toner cartridge

Introduction

This document provides the procedures to remove and replace the toner cartridges.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer off

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Toner cartridge part numbers	
CF450-67901	HP 655A Black Original LaserJet Toner Cartridge (12,500 pages) (M652/M653)
CF451-67901	HP 655A Cyan Original LaserJet Toner Cartridge (10,500 pages) (M652/M653)
CF452-67901	HP 655A Yellow Original LaserJet Toner Cartridge (10,500 pages) (M652/M653)
CF453-67901	HP 655A Magenta Original LaserJet Toner Cartridge (10,500 pages) (M652/M653)
CF460-67901	HP 656X High Yield Black Original LaserJet Toner Cartridge (27,000 pages) (M652/M653)
CF461-67901	HP 656X High Yield Cyan Original LaserJet Toner Cartridge (22,000 pages) (M652/M653)
CF462-67901	HP 656X High Yield Yellow Original LaserJet Toner Cartridge (22,000 pages) (M652/M653)
CF463-67901	HP 656X High Yield Magenta Original LaserJet Toner Cartridge (22,000 pages) (M652/M653)
CF470-67901	HP 657X High Yield Black Original LaserJet Toner Cartridge (27,000 pages) (M681/M682)
CF471-67901	HP 657X High Yield Cyan Original LaserJet Toner Cartridge (27,000 pages) (M681/M682)
CF472-67901	HP 657X High Yield Yellow Original LaserJet Toner Cartridge (27,000 pages) (M681/M682)
CF473-67901	HP 657X High Yield Magenta Original LaserJet Toner Cartridge (27,000 pages) (M681/M682)

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Turn the printer on.

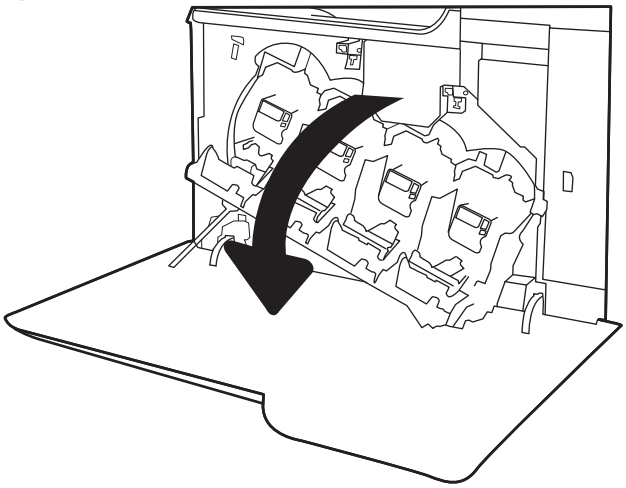
Post service test

No post service test is available for this assembly.

Step 1: Remove a toner cartridge

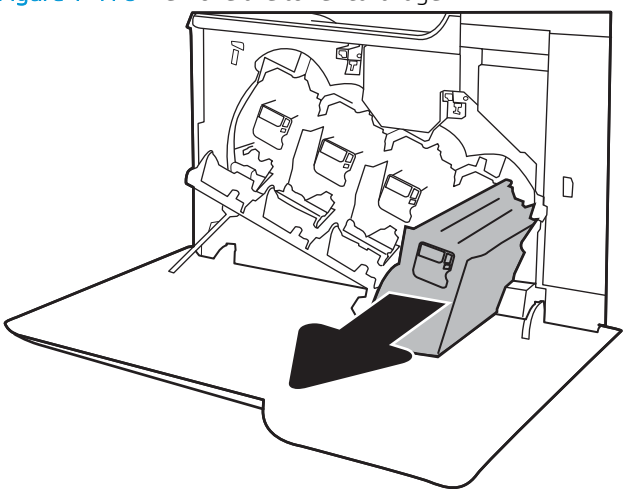
1. Open the front door.

Figure 1-177 Open the front door



2. Grasp the handle of the used toner cartridge and pull out to remove it.

Figure 1-178 Remove the toner cartridge



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

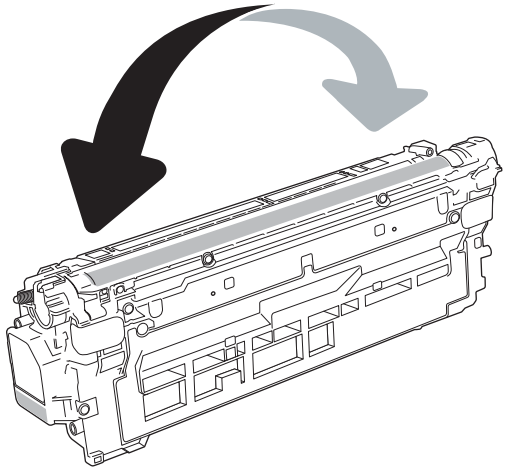
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install a toner cartridge

1. Hold both ends of the toner cartridge and rock it 5-6 times.

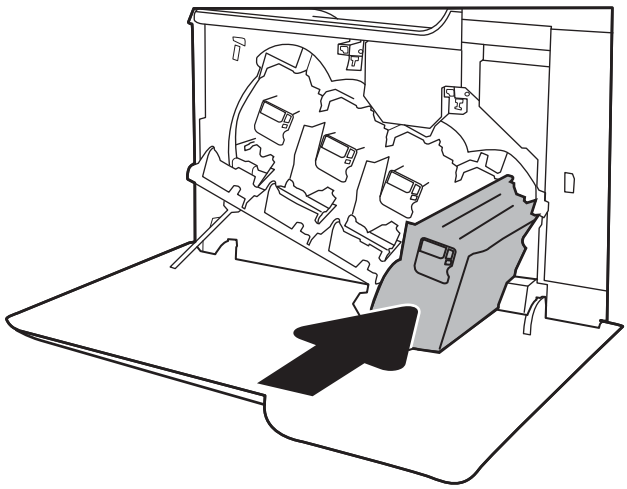
Figure 1-179 Rock the toner cartridge



2. Support the toner cartridge underneath with one hand while holding the cartridge handle with the other. Align the toner cartridge with its slot on the shelf, and then insert the toner cartridge into the printer.

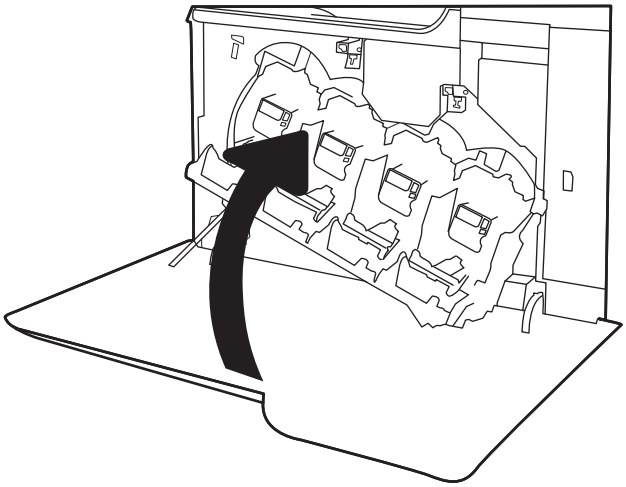
NOTE: Avoid touching the green imaging drum. Fingerprints on the imaging drum can cause print defects.

Figure 1-180 Install the toner cartridge



3. Close the front door.

Figure 1-181 Close the front door



Removal and replacement: Toner collection unit (TCU)

- Introduction
- Step 1: Remove the TCU
- Step 2: Unpack the replacement assembly
- Step 3: Install the TCU

Introduction

This document provides the procedures to remove and replace the toner collection unit (TCU).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer off

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Toner collection unit part number	
P1B94-67901	Toner collection unit kit

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Turn the printer on.

Post service test

No post service test is available for this assembly.

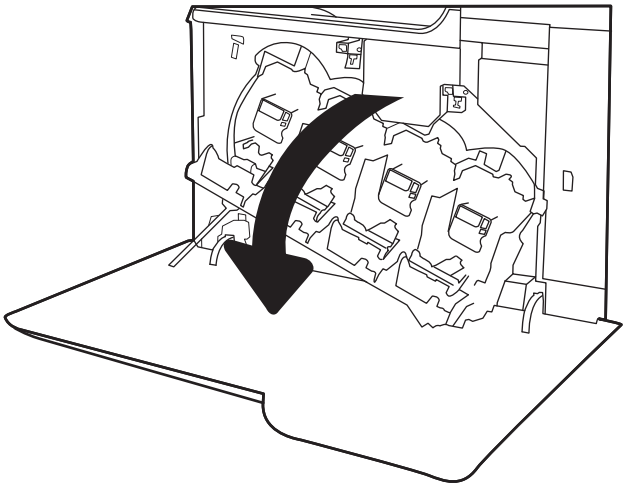
Step 1: Remove the TCU

NOTE: The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

CAUTION: If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

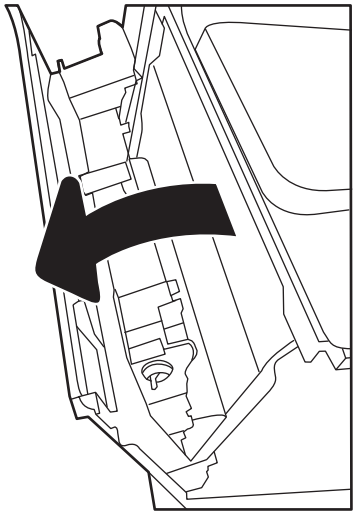
1. Open the front door.

Figure 1-182 Open the front door



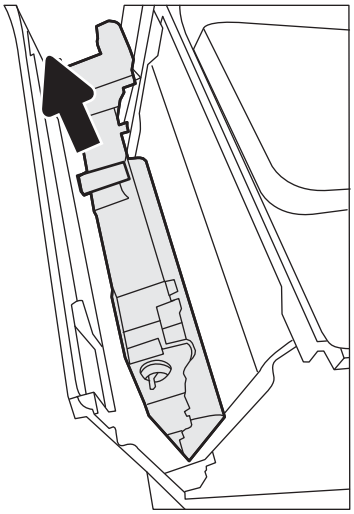
2. Open the left door.

Figure 1-183 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

Figure 1-184 Remove the TCU



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

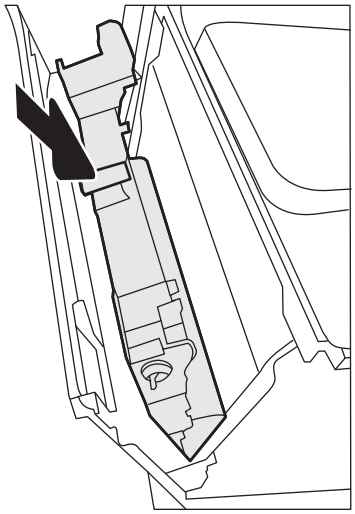
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the TCU

1. Install the new unit into the printer. Make sure the TCU is firml in place.

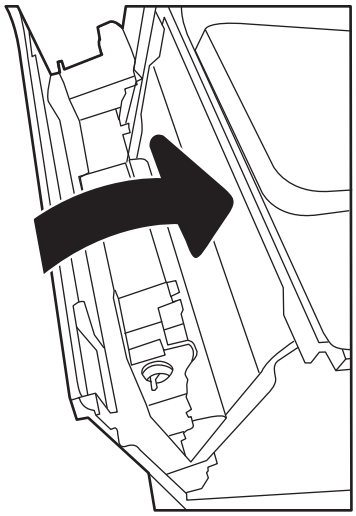
Figure 1-185 Install the TCU



2. Close the left door.

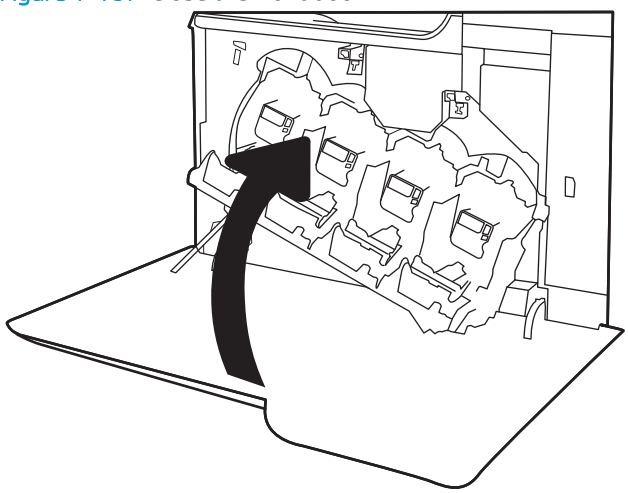
NOTE: If the TCU is not installed correctly, the left door does not close completely.

Figure 1-186 Close the left door



3. Close the front door.

Figure 1-187 Close the front door



Removal and replacement: Keyboard (Flow M681z/Flow M682z/Flow E67660z)

- Introduction
- Step 1: Remove the keyboard
- Step 2: Unpack the replacement assembly
- Step 3: Install the keyboard

Introduction

This document provides the procedures to remove and replace the keyboard for the Flow M681z/Flow M682z/ Flow E67660z models.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Keyboard part number	
B5L47-67019	US English keyboard
B5L47-67020	UK English keyboard

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Access the menus by using the printer control panel, and then print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the keyboard

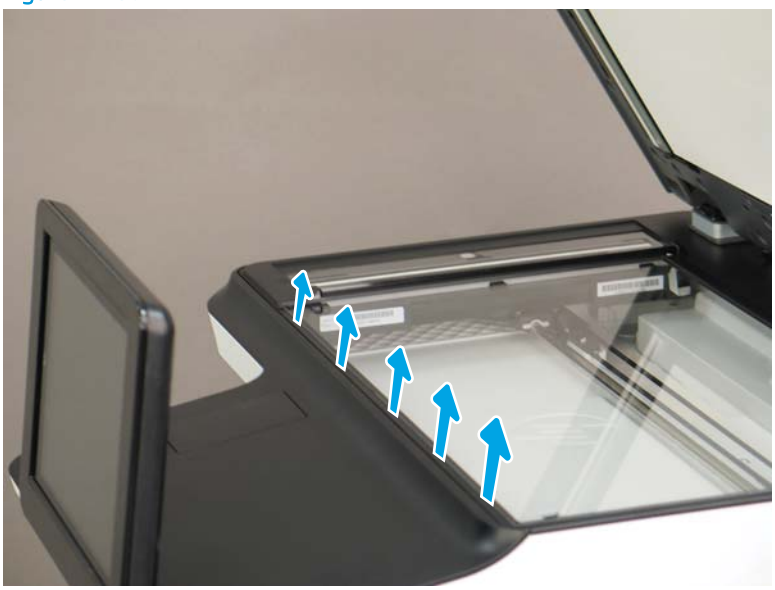
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

   Figure 1-188 Tilt the control panel and open the document feeder

2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

   Figure 1-189 Release fiv tabs

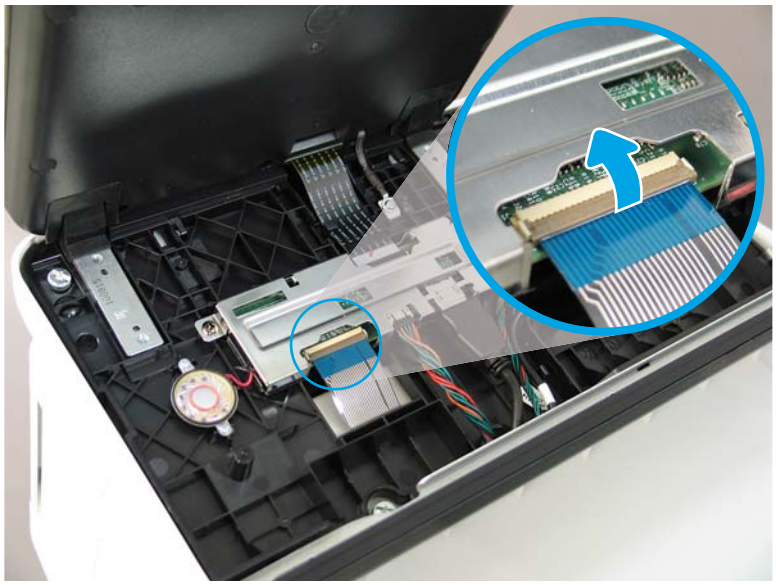
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-190 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-191 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-192 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-193 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-194 Remove the keyboard



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the keyboard

1. Position the fla cable on the keyboard into the keyboard slot.

Figure 1-195 Position the fla cable in the slot



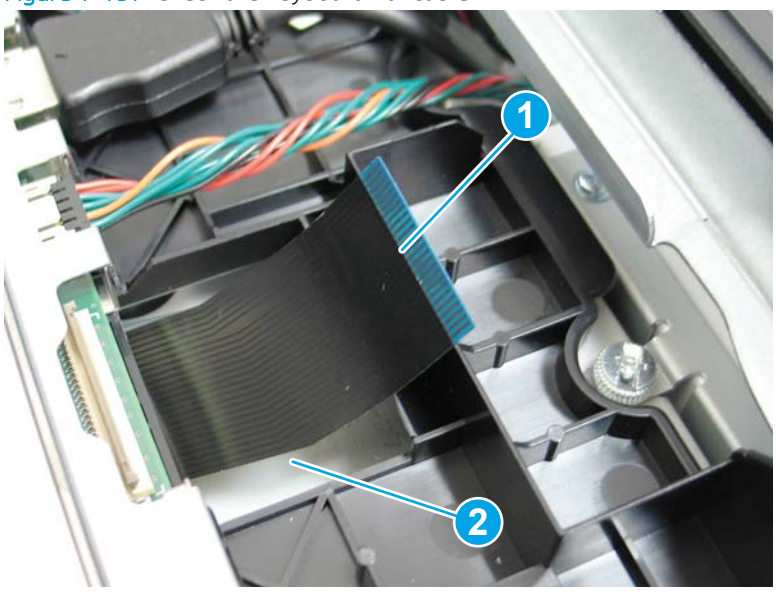
2. Slide the keyboard tray into the slot.

Figure 1-196 Slide the keyboard tray into the slot



3. Make sure to feed the keyboard fla cable (callout 1) through the opening (callout 2) in the control-panel base when installing the keyboard.

Figure 1-197 Check the keyboard fla cable

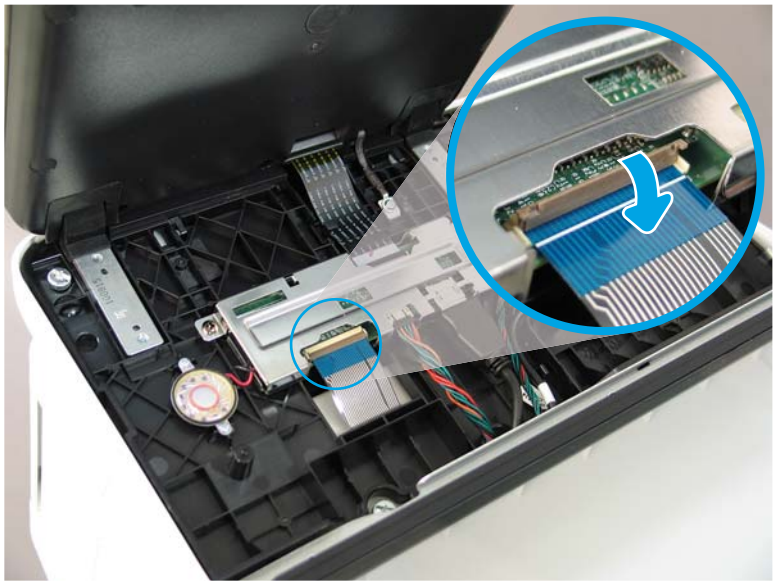


4. Position the keyboard fla cable in the connector, and then close the connector latch to secure it.

IMPORTANT: Slightly tug on the cable to make sure that it is fully captured in the connector.

NOTE: When the connector latch is closed and the cable is correctly installed, the white line on the cable is parallel to the connector latch.

Figure 1-198 Connect the keyboard fla cable



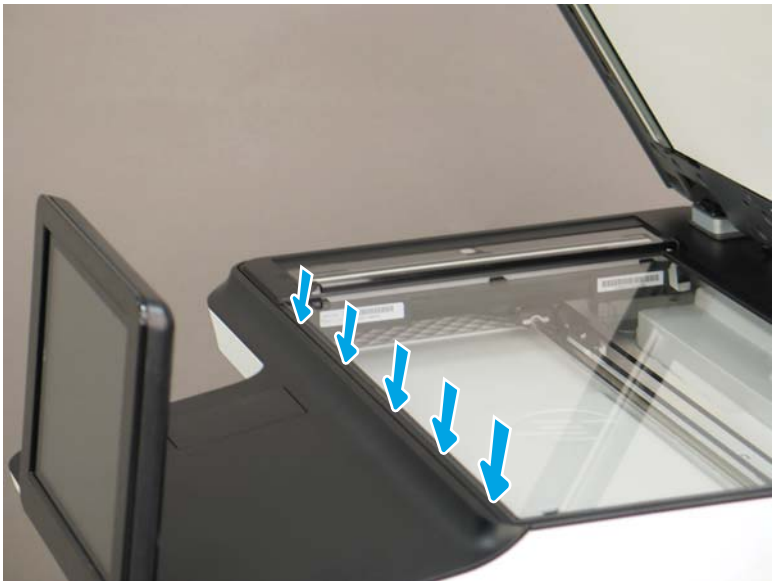
5. Position the control-panel cover on the printer.

Figure 1-199 Install the cover



6. Beginning at the right side of the control-panel cover, install fiv tabs along the top edge of the cover.

Figure 1-200 Install fiv tabs



7. Close the document feeder.

NOTE: Adjust the control panel to the desired angle.

Reinstallation tip: If the keyboard is unresponsive after turning the printer on, check the fla cable installed in step 6. Reinstall the cable if necessary.

Figure 1-201 Close the document feeder



Install: Keyboard overlay (Flow M681z/Flow M682z/Flow E67660z)

- Introduction
- Step 1: Unpack the keyboard overlay
- Step 2: Install the keyboard overlay

Introduction

This document provides the procedures to remove and replace the keyboard overlay.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Keyboard overlay part numbers	
5851-6019	Kit - Keyboard Overlay (FR, IT, RU, DE, ES: UK Kybd) (EMEA)
5851-6020	Kit - Keyboard Overlay (FR-CN, ES-LA, ES: US Kybd) (NA)
5851-6021	Kit - Keyboard Overlay (FR-SW, DE-SW, DA: UK Kybd) (EMEA)
5851-6022	Kit - Keyboard Overlay (ZHTW, ZHCN) (AP)
5851-6023	Kit - Keyboard Overlay (ES, PT) (EMEA)
5851-6024	Kit - Keyboard Overlay (JA-KG, JA-KT) (AP)
A7W12-67901	Kit - Keyboard Overlay Chinese
A7W14-67901	Kit - Keyboard Overlay Sweden

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Unpack the keyboard overlay

Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to Product return and recycling.

Step 2: Install the keyboard overlay

1. Slide the keyboard tray out until it stops.

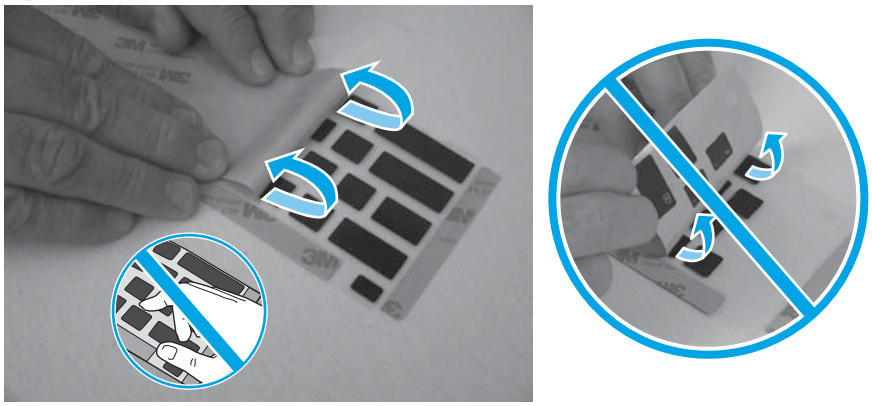
Figure 1-202 Slide the keyboard tray out



2. Carefully peel the backing from the control panel overlay.

⚠ CAUTION: Do not touch the adhesive squares and be careful so that the adhesive squares do not come o with the backing.

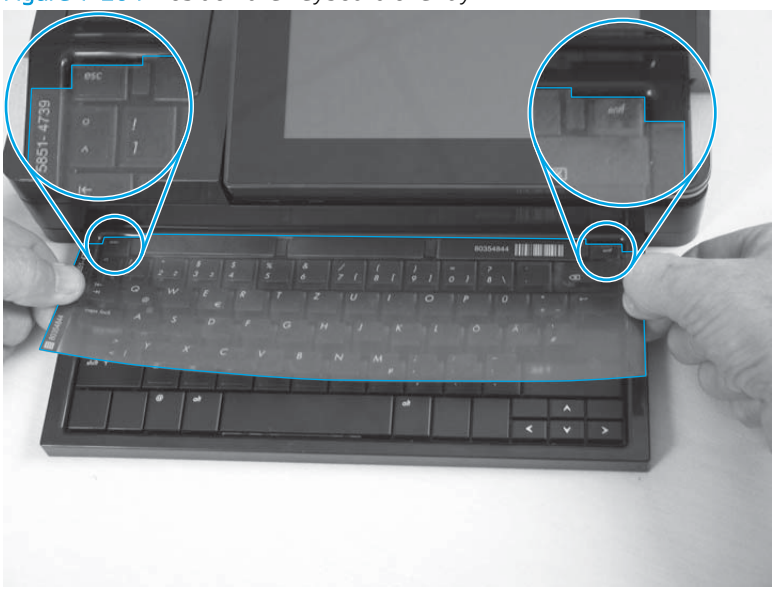
Figure 1-203 Remove the backing



3. Position the keyboard overlay on the keyboard by aligning the upper corners of the overlay with the edges of the keyboard.

NOTE: A differen model of keyboard is pictured in the figur below. The procedure is still correct for the Flow M681z/Flow M682z/Flow E67660z models.

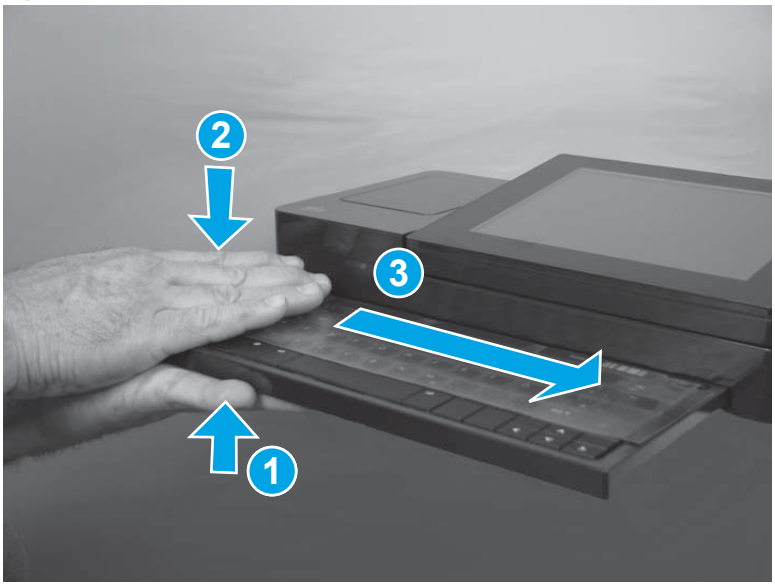
Figure 1-204 Position the keyboard overlay



4. Place one hand under the keyboard and press upward (callout 1). Place the other hand on top of the keyboard and press downward (callout 2). Continue to press while sliding both hands to the right to adhere the keyboard overlay to the keyboard.

NOTE: A differen model of keyboard is pictured in the figur below. The procedure is still correct for the Flow M681z/Flow M682z/Flow E67660z models.

Figure 1-205 Apply the keyboard overlay

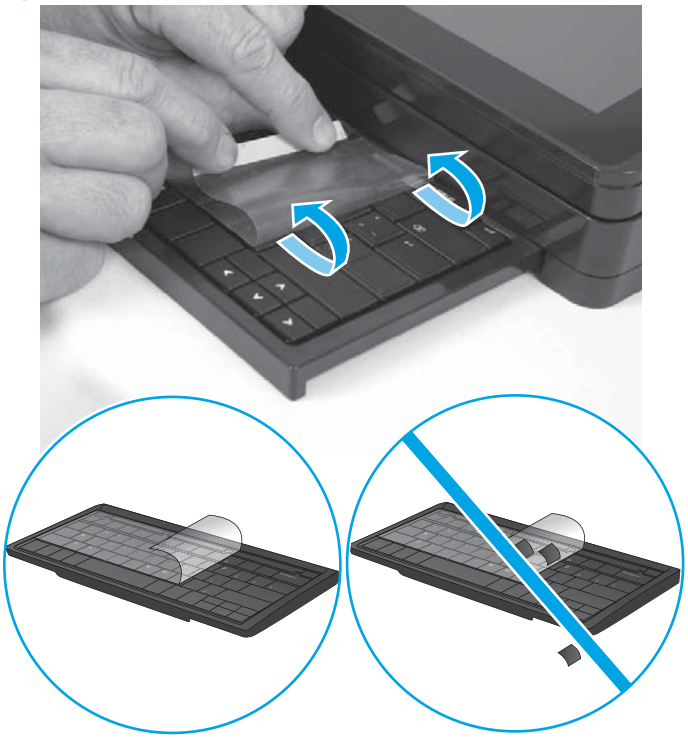


5. Carefully remove the protective top sheet from the keyboard overlay.

CAUTION: Make sure that the adhesive squares do not come o of the keyboard with the protective sheet.

NOTE: A differen model of keyboard is pictured in the figur below. The procedure is still correct for the Flow M681z/Flow M682z/Flow E67660z models.

Figure 1-206 Apply the keyboard overlay



Customer self-repair (CSR) B parts and assemblies

- Removal and replacement: Control panel (M681/M682/E67550/E67560/E67650/E67660)
- Removal and replacement: Trays 2 and 3 pickup and separation rollers
- Removal and replacement: Trays 3–5 paper feeder stand pickup and separation rollers

The CSR level indicates the expected difficul the customer will experience when removing and replacing an assembly. The CSR B assemblies in this section might be difficu for the customer to remove and replace.

Removal and replacement: Control panel (M681/M682/E67550/E67560/E67650/E67660)

- Introduction
- Step 1: Remove the control panel
- Step 2: Unpack the replacement assembly
- Step 3: Install the control panel

Introduction

This document provides the procedures to remove and replace the control panel for the M681/M682/E67550/E67560/E67650/E67660 models.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Control panel(M681/M682/E67550/E67560/E67650/E67660) part number	
B5L47-67018	Control panel kit

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Access the menus by using the printer control panel, and then print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the control panel

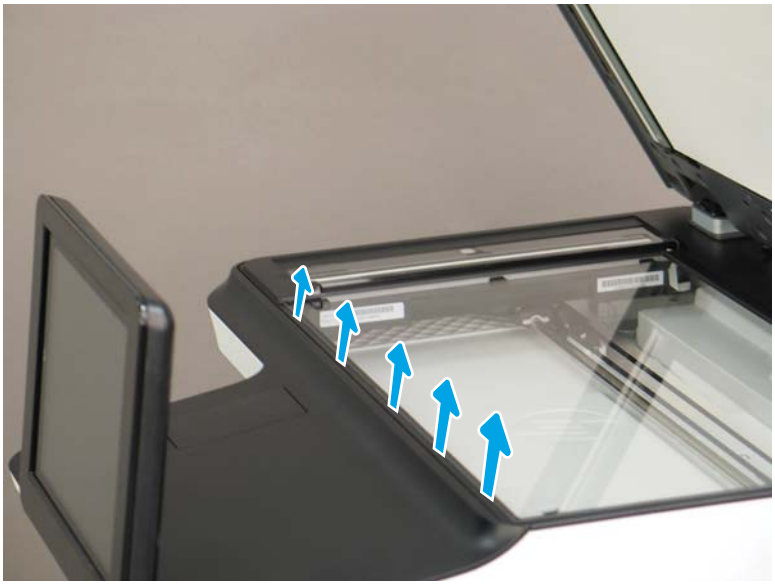
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-207 Tilt the control panel forward and open the document feeder



2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-208 Release fiv tabs



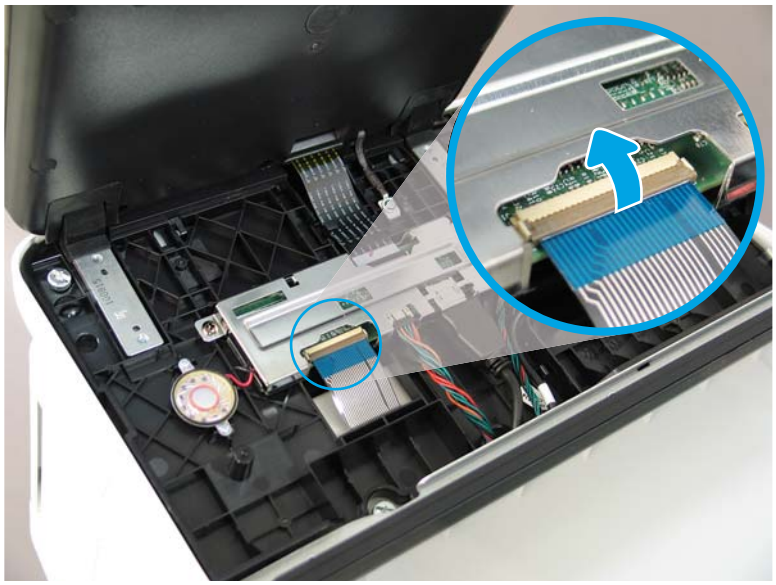
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-209 Remove the cover



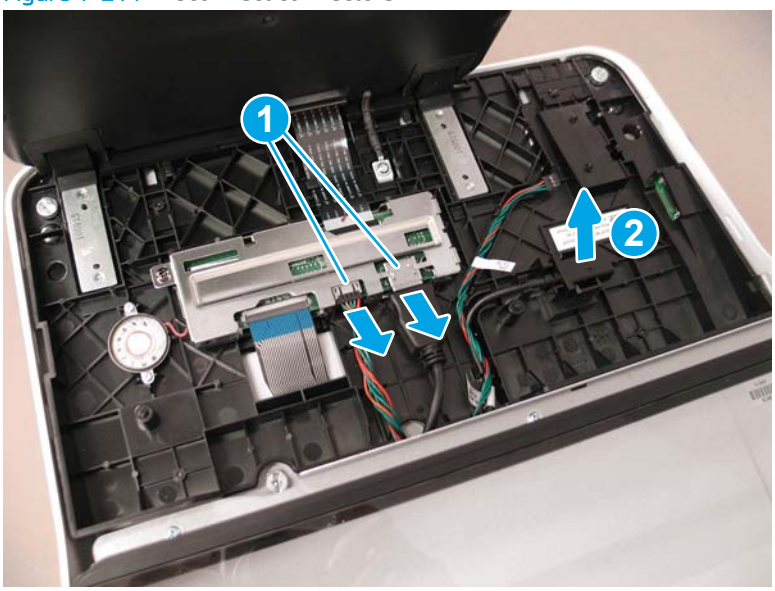
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-210 Disconnect the keyboard fla cable (keyboard models only)



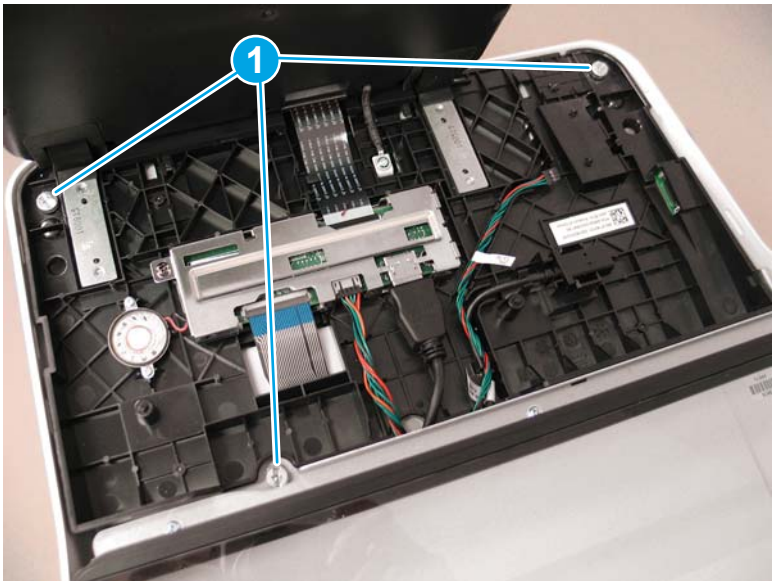
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-211 Disconnect connectors



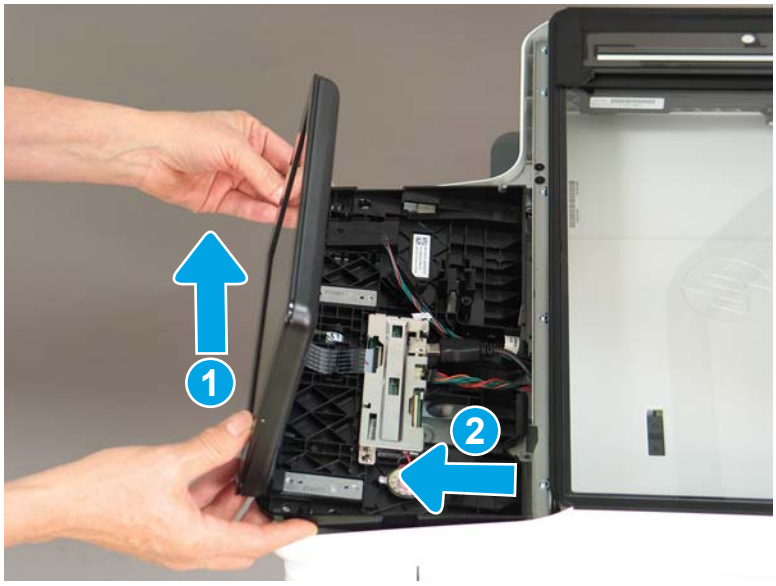
6. Remove three thumbscrews (callout 1).

Figure 1-212 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-213 Remove the control panel



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

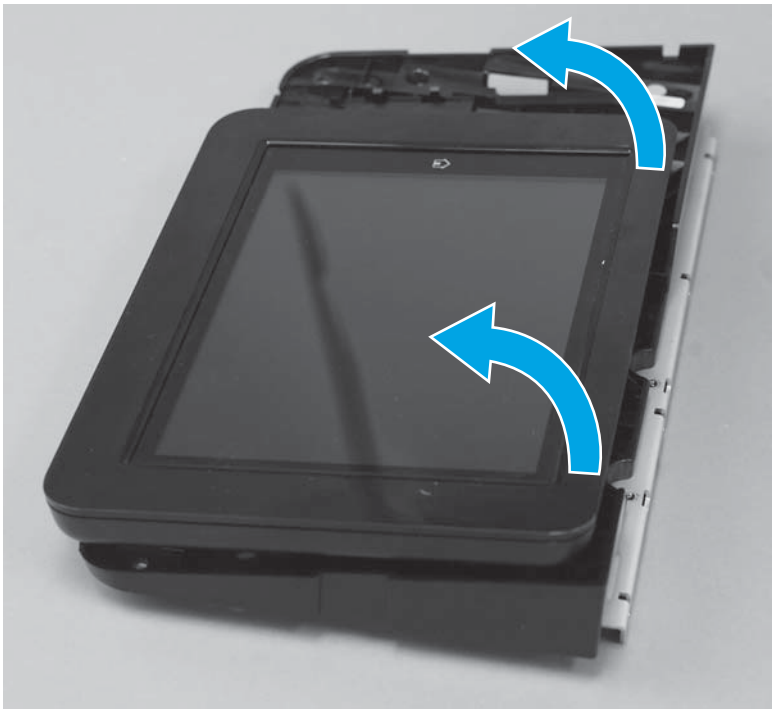
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the control panel

1. Tilt the replacement control panel away from the base plate.

Figure 1-214 Tilt the control panel

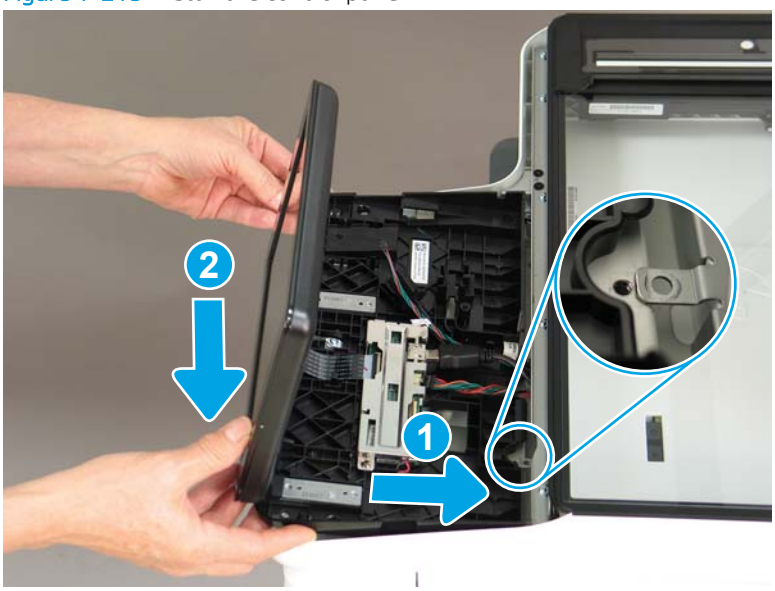


2. Position the rear edge of the control panel in the printer (callout 1), and then lower the front edge down (callout 2) to install it.

NOTE: Make sure that the control panel frame fit under the sheet metal tab on the right rear.

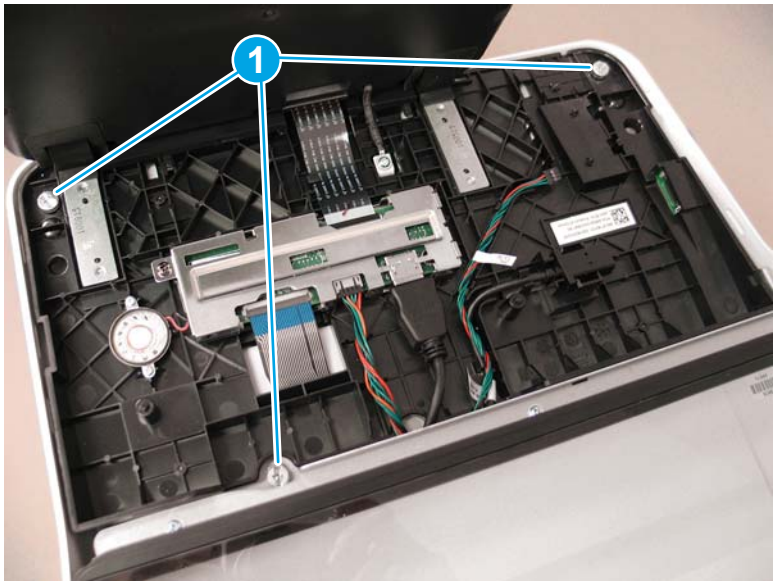
Keyboard models only: Make sure that the keyboard fla cable is accessible through the opening in the control panel base before installing the screws in the next step.

Figure 1-215 Install the control panel



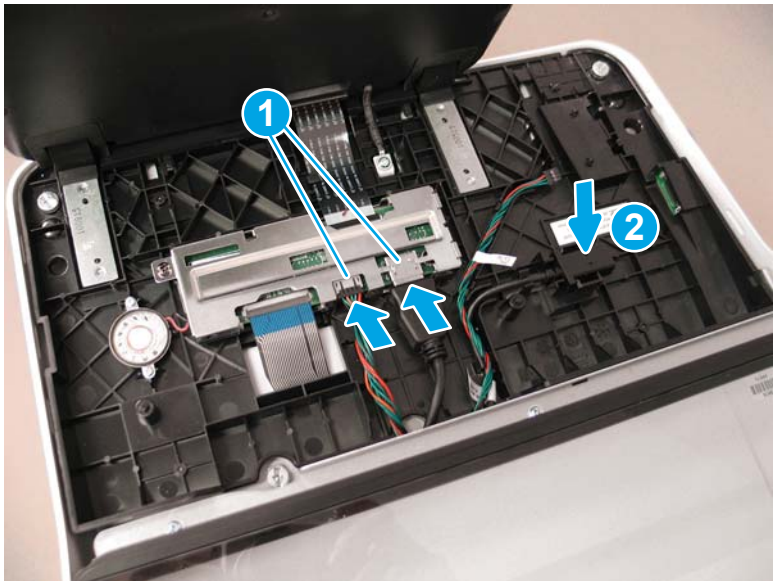
3. Install three thumbscrews (callout 1).

Figure 1-216 Install three thumbscrews



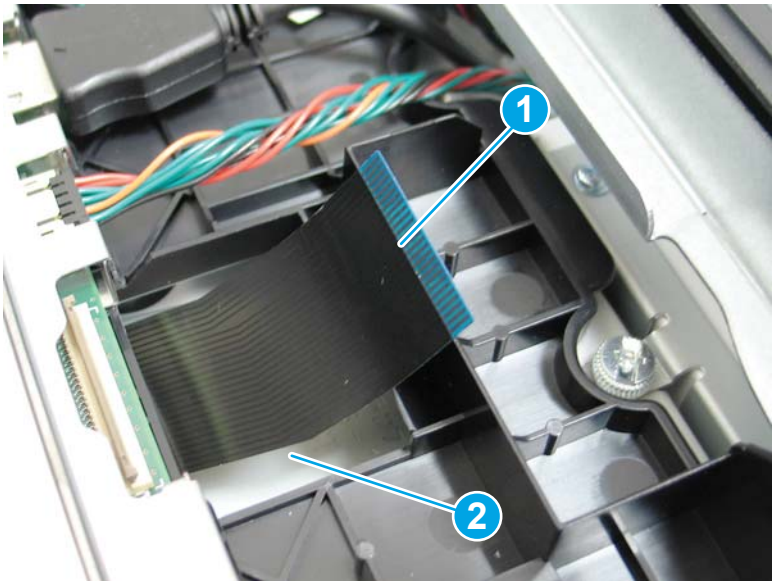
4. Connect two connectors (callout 1) and install the USB cable (callout 2) in the holder.

Figure 1-217 Connect connectors



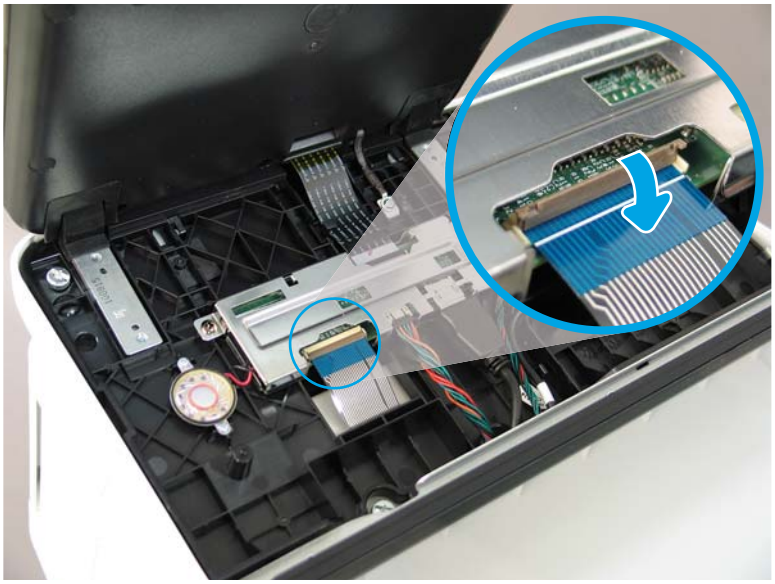
5. **Keyboard models only:** Make sure that the keyboard fla cable (callout 1) is fed through the opening (callout 2) in the control panel base.

Figure 1-218 Check the keyboard fla cable (keyboard models only)



6. **Keyboard models only:** Position the keyboard fla cable in the connector, and then close the connector latch to secure it.

Figure 1-219 Connect the keyboard fla cable (keyboard models only)



7. Position the control panel cover on the printer.

Figure 1-220 Position the cover on the printer



8. Beginning at the right side of the control panel cover, install fiv tabs along the top edge of the cover.

Figure 1-221 Install fiv tabs



9. Close the document feeder.

NOTE: Adjust the control panel to the desired angle.

Keyboard models only: If the keyboard is unresponsive after turning the printer on, check the fla cable installed in step 6. Reinstall the cable if necessary.

Figure 1-222 Close the document feeder



Removal and replacement: Trays 2 and 3 pickup and separation rollers

- Introduction
- Step 1: Remove the Tray 2 pickup rollers
- Step 2: Remove the Tray 3 pickup rollers
- Step 3: Remove the Tray 2 or 3 separation rollers
- Step 4: Unpack the replacement assemblies
- Step 5: Install the Tray 2 or 3 separation rollers
- Step 6: Install the Tray 3 pickup rollers
- Step 7: Install the Tray 2 pickup rollers

Introduction

This document provides the procedures to remove and replace the Trays 2 and 3 pickup and separation rollers.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Trays 2 and 3 pickup and separation rollers part number	
J7Z98-67902	Kit- LJ Trays 2-x Roller

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

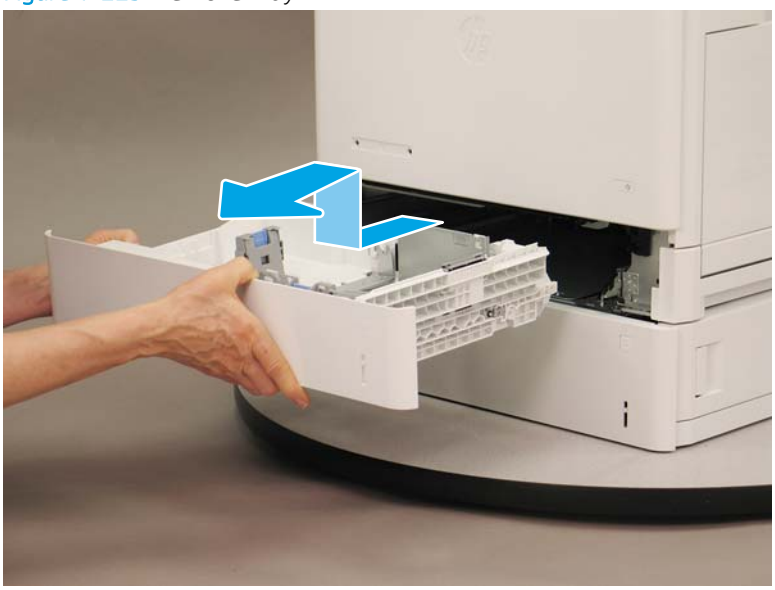
No post service test is available for this assembly.

Step 1: Remove the Tray 2 pickup rollers

1. Open Tray 2 until it stops, and then slightly lift and pull the tray out of the printer.

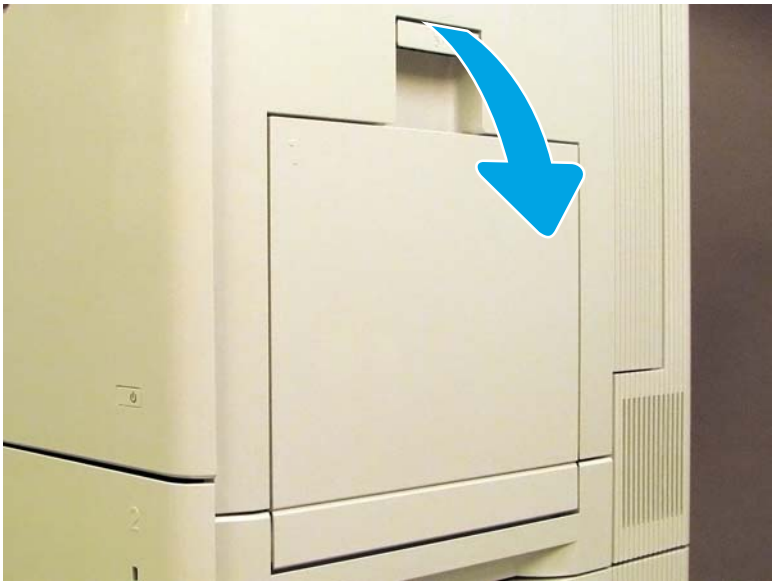
⚠ CAUTION: Do not extend more than one paper tray at a time. Do not use the paper tray as a step. Keep hands out of the paper trays when closing. All trays must be closed when moving the printer.

Figure 1-223 Remove Tray 2



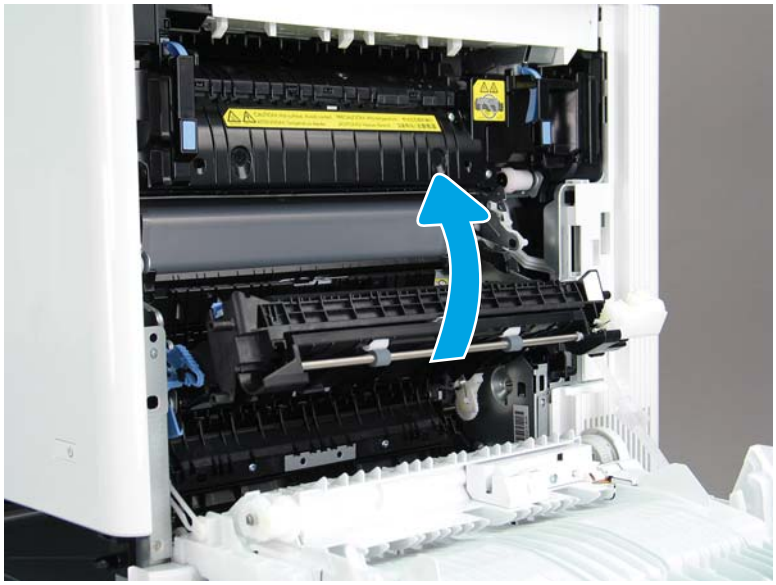
2. Open the right door.

Figure 1-224 Open the right door



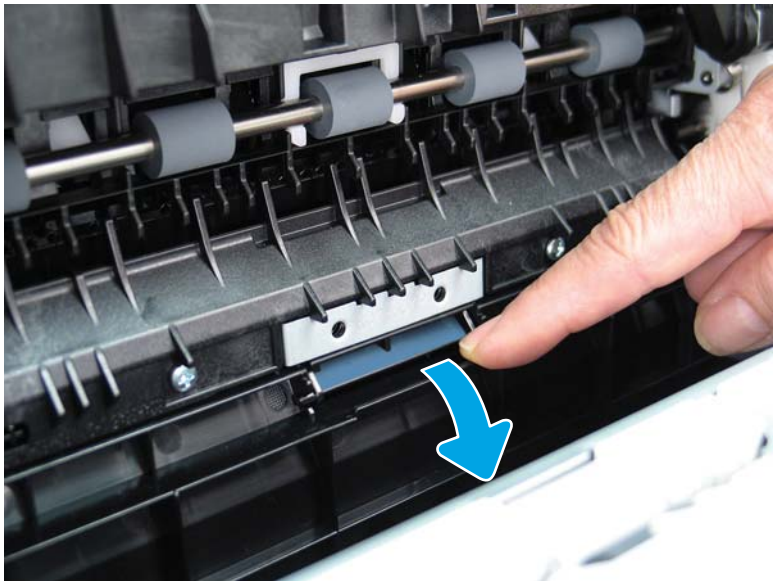
3. Carefully raise the transfer roller assembly until it locks in an upright position.

Figure 1-225 Raise the transfer roller assembly



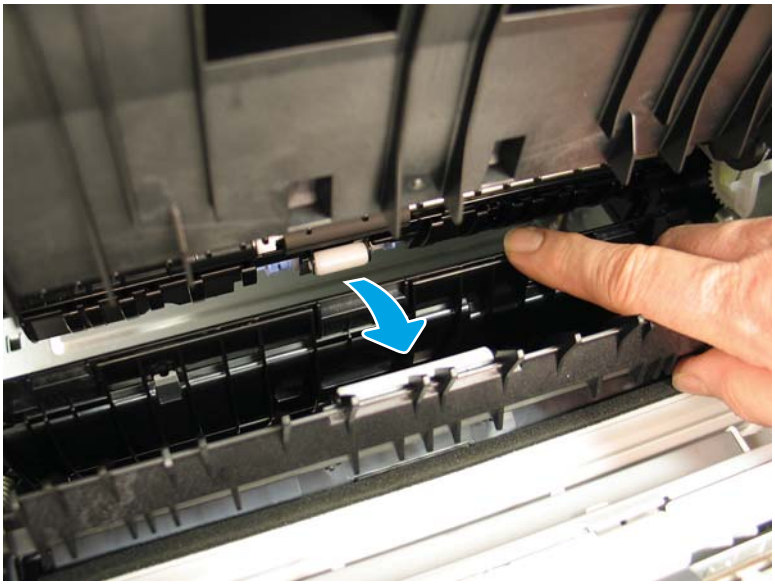
4. Lower the outer paper guide.

Figure 1-226 Lower the outer paper guide



5. Lower the inner paper guide.

Figure 1-227 Lower the outer paper guide



6. Locate the tray pickup roller assembly, consisting of two gray rollers in a blue case.

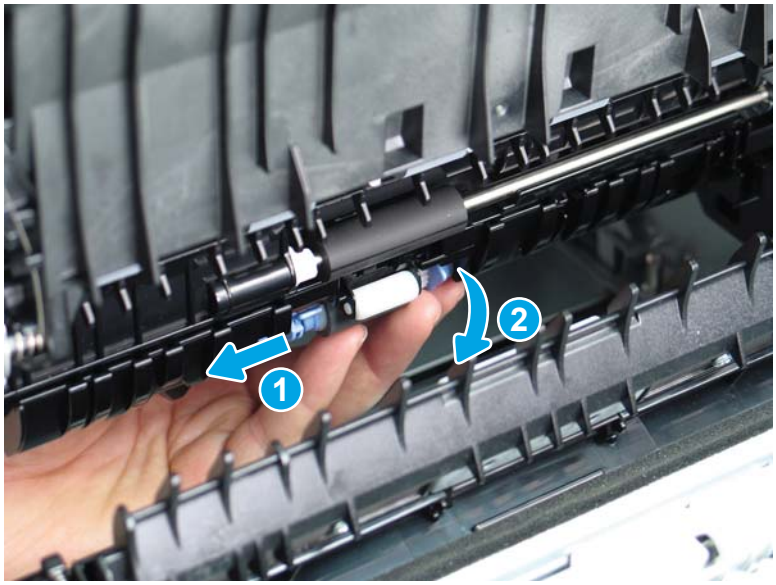
Figure 1-228 Locate the pickup roller assembly



7. To remove the roller assembly, hold the rollers with your finger and pull them back towards the front of the printer to compress the spring loaded shaft (callout 1). Rotate the right end of the assembly down (callout 2), and then remove the assembly.

IMPORTANT: The roller assembly must be accessed through the tray opening, while viewing it through the right door opening.

Figure 1-229 Remove the pickup roller assembly

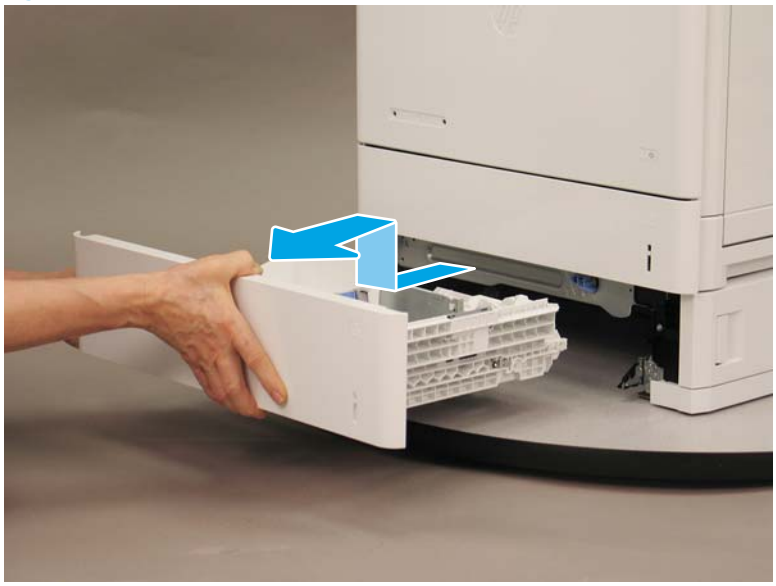


Step 2: Remove the Tray 3 pickup rollers

1. Open Tray 3 until it stops, and then slightly lift and pull the tray out of the printer.

CAUTION: Do not extend more than one paper tray at a time. Do not use the paper tray as a step. Keep hands out of the paper trays when closing. All trays must be closed when moving the printer.

Figure 1-230 Remove Tray 3



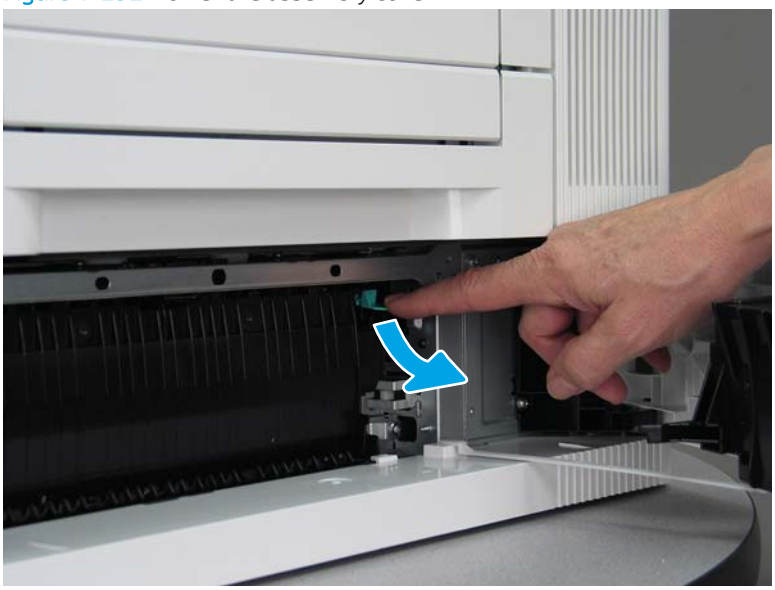
2. Open the Tray 3 right door.

Figure 1-231 Open the Tray 3 right door



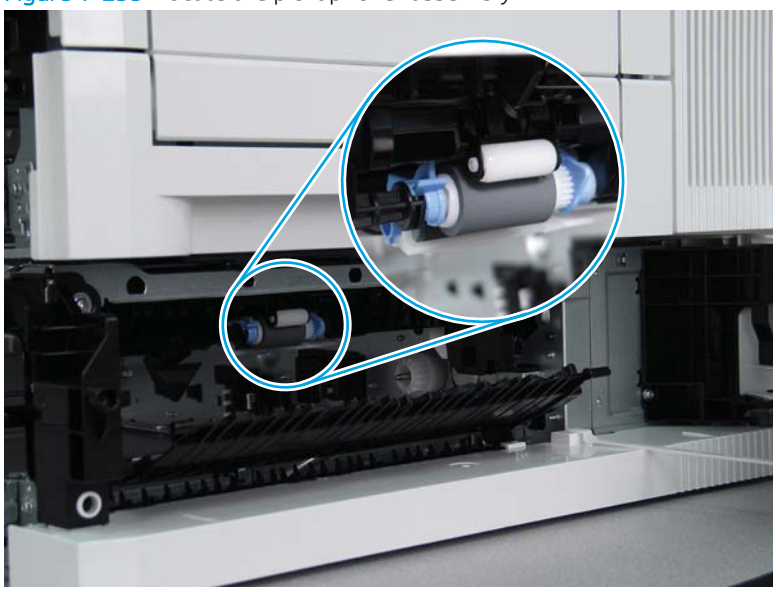
3. Locate the green tab on the feed assembly cover. Pull down and towards you to release the green tab and lower the assembly cover.

Figure 1-232 Lower the assembly cover



4. Locate the tray pickup roller assembly, consisting of two gray rollers in a blue case.

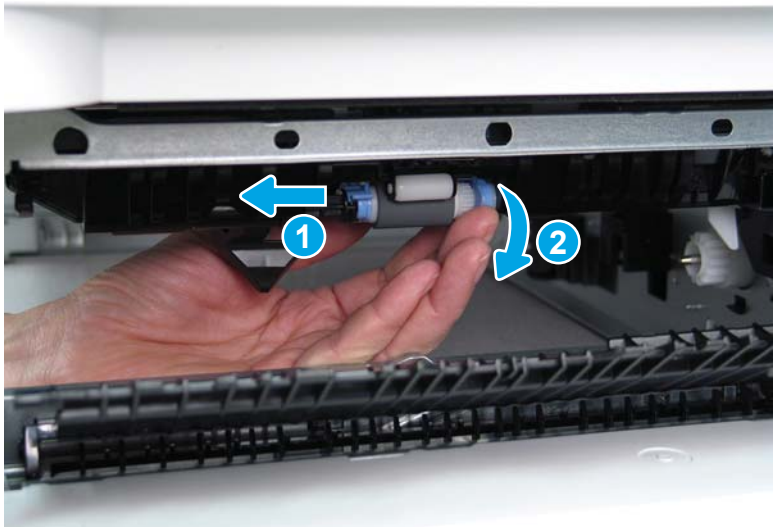
Figure 1-233 Locate the pickup roller assembly



5. To remove the roller assembly, hold the rollers with your finger and pull them back towards the front of the printer to compress the spring loaded shaft (callout 1). Rotate the right end of the assembly down (callout 2), and then remove the assembly.

IMPORTANT: The roller assembly must be accessed through the tray opening, while viewing it through the right door opening.

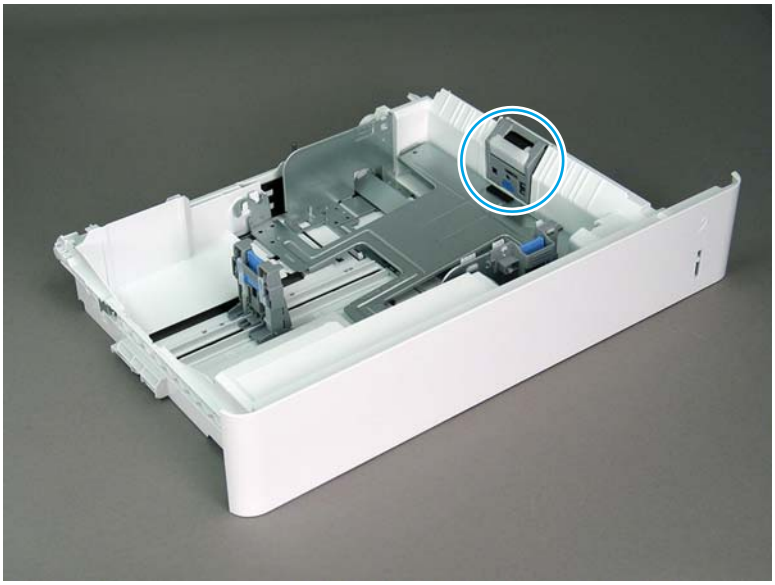
Figure 1-234 Remove the pickup roller assembly



Step 3: Remove the Tray 2 or 3 separation rollers

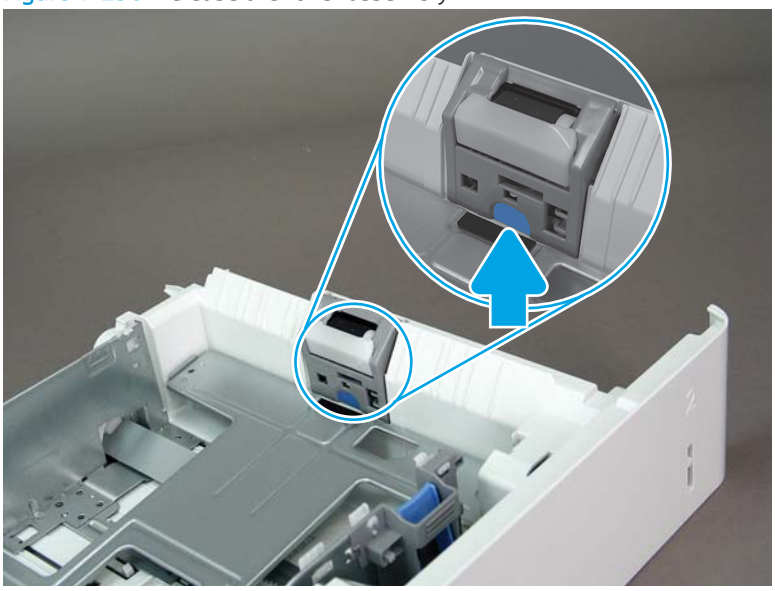
1. Locate the tray separation roller in the tray.

Figure 1-235 Locate the tray separation roller



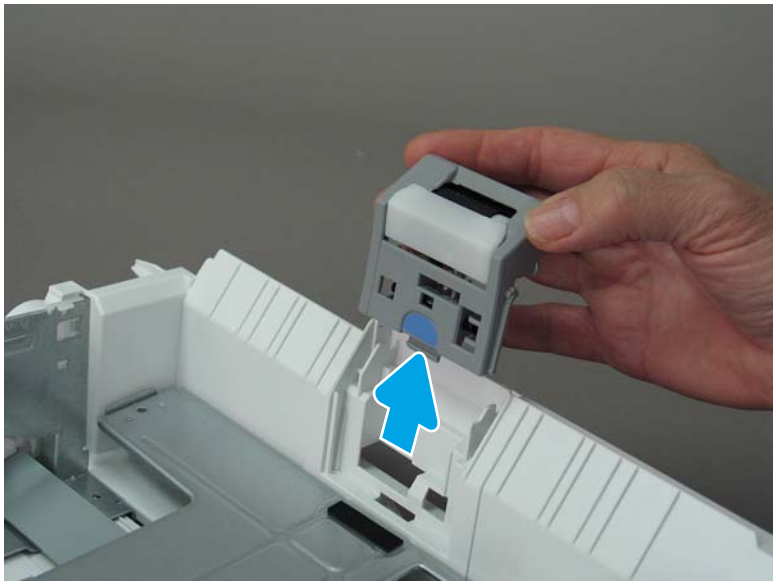
2. Push in on the blue label and push up slightly to release the roller assembly.

Figure 1-236 Release the roller assembly



3. Slide the roller assembly straight up to remove it.

Figure 1-237 Remove the roller assembly



Step 4: Unpack the replacement assemblies

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 5: Install the Tray 2 or 3 separation rollers

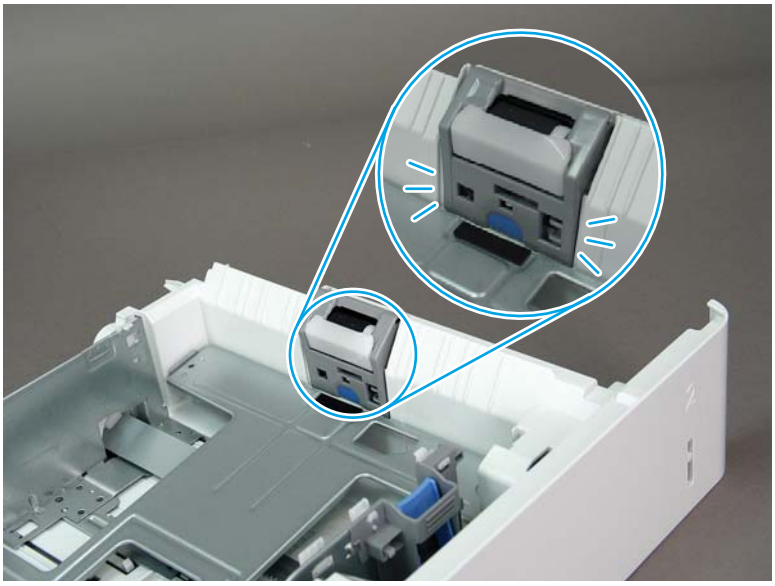
1. Slide the roller assembly straight into the tray to install it.

Figure 1-238 Install the roller assembly



2. Press down to make sure that the roller assembly snaps into place and is fully seated.

Figure 1-239 Make sure that the roller is seated



Step 6: Install the Tray 3 pickup rollers

1. The roller assembly is in an orange installation tray. Do not remove the orange installation tray until the roller assembly has been installed.

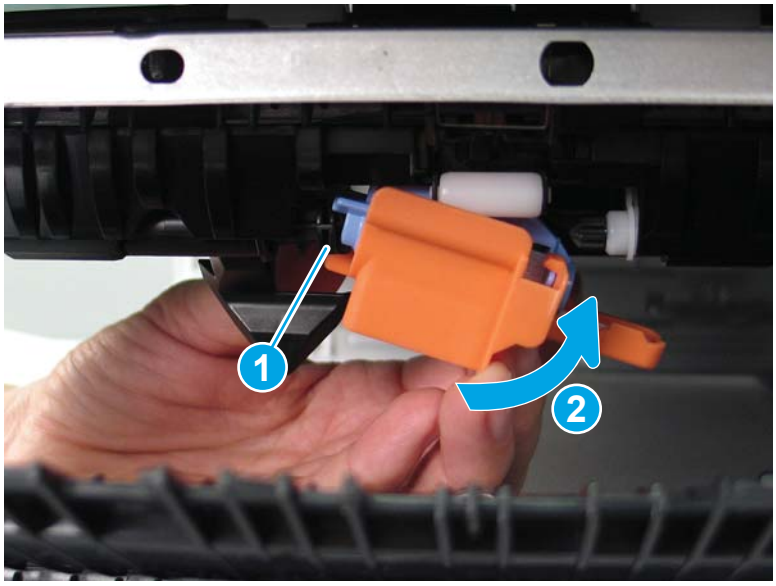
Figure 1-240 Do not remove the orange installation tray



2. In the printer, position the roller assembly so that the blue, spring-loaded shaft fit into the opening on the left side of the roller assembly (callout 1). With the shaft in the opening, pull toward the front of the printer to compress the shaft, and then pivot the right end of the assembly up (callout 2).

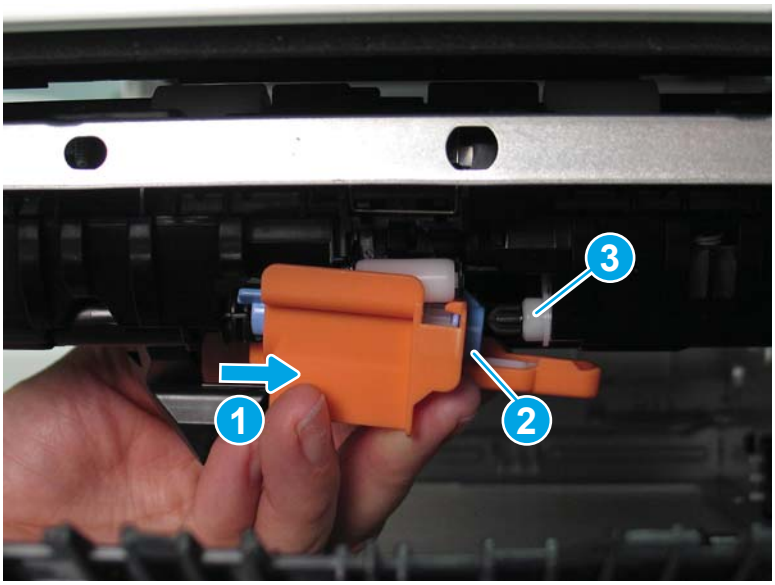
IMPORTANT: The roller must be accessed through the tray opening, while viewing it through the right door opening.

Figure 1-241 Position the roller



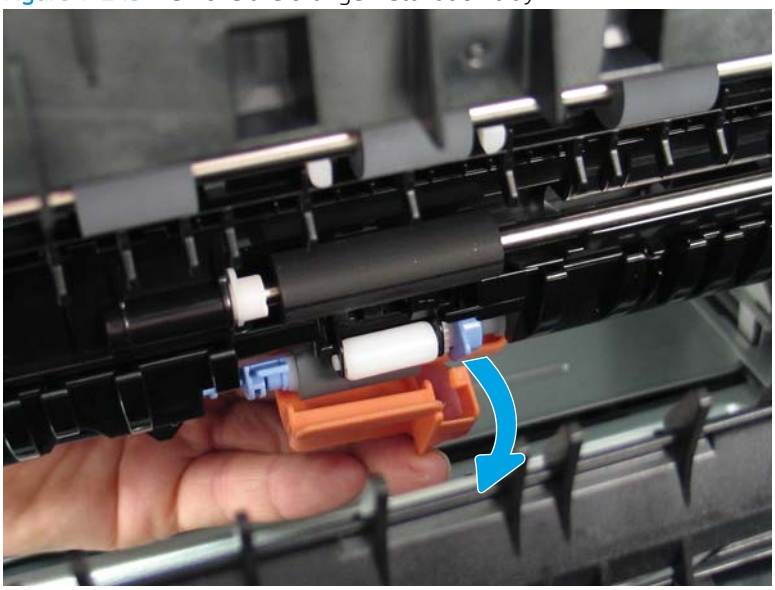
3. While holding the roller assembly in place against the printer, carefully allow the spring-loaded shaft to push the roller assembly forward (callout 1) until the front side (callout 2) comes to rest on a black shaft (callout 3). Gently move the assembly side to side to ensure both ends of the roller assembly are seated.

Figure 1-242 Install the roller assembly



4. Gently pinch and twist the orange installation tray, and then pull downward to remove it from the roller assembly.

Figure 1-243 Remove the orange installation tray



5. Look inside the printer through the tray opening and make sure that the roller assembly is correctly installed. It must not hang down into the tray opening. If the roller hangs down into the tray cavity, remove it, reinstall it in the orange installation tray, and then reinstall it in the printer.

⚠ CAUTION: If the roller assembly is not correctly installed, it might be damaged when the tray is installed.

Figure 1-244 Roller correct and incorrect installation



Step 7: Install the Tray 2 pickup rollers

1. The roller assembly is in an orange installation tray. Do not remove the orange installation tray until the roller assembly has been installed.

Figure 1-245 Do not remove the orange installation tray



2. In the printer, position the roller assembly so that the blue, spring-loaded shaft fit into the opening on the left side of the roller assembly (callout 1). With the shaft in the opening, pull toward the front of the printer to compress the shaft, and then pivot the right end of the assembly up (callout 2).

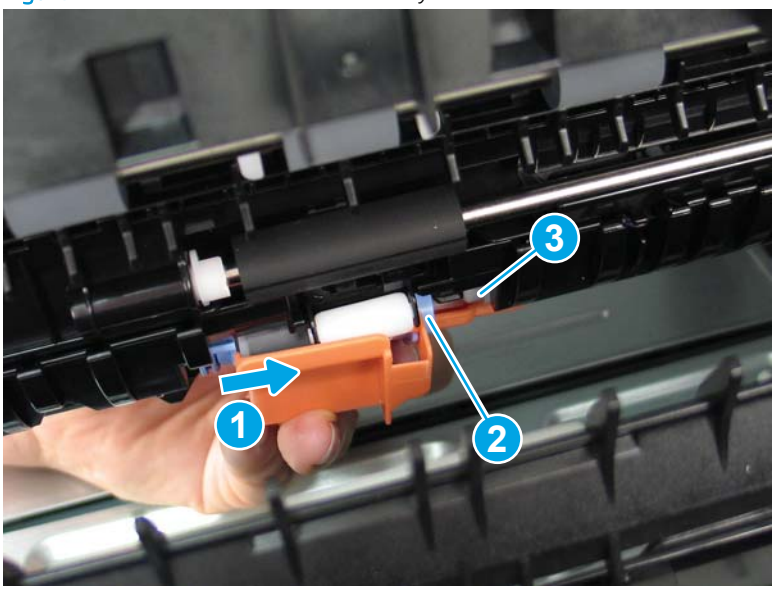
IMPORTANT: The roller must be accessed through the tray opening, while viewing it through the right door opening.

Figure 1-246 Position the roller



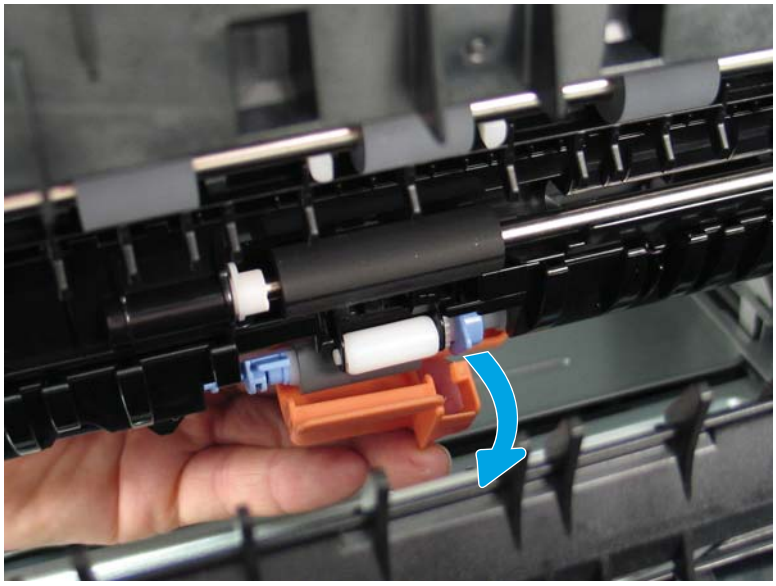
3. While holding the roller assembly in place against the printer, carefully allow the spring-loaded shaft to push the roller assembly forward (callout 1) until the front side (callout 2) comes to rest on a black shaft (callout 3). Gently move the assembly side to side to ensure both ends of the roller assembly are seated.

Figure 1-247 Install the roller assembly



4. Gently pinch and twist the orange installation tray, and then pull downward to remove it from the roller assembly.

Figure 1-248 Remove the orange installation tray



5. Look inside the printer through the tray opening and make sure that the roller assembly is correctly installed. It must not hang down into the tray opening. If the roller hangs down into the tray cavity, remove it, reinstall it in the orange installation tray, and then reinstall it in the printer.

⚠ CAUTION: If the roller assembly is not correctly installed, it might be damaged when the tray is installed.

Figure 1-249 Roller correct and incorrect installation



Removal and replacement: Trays 3–5 paper feeder stand pickup and separation rollers

- Introduction
- Step 1: Remove the Trays 3–5 paper feeder stand pickup and separation rollers
- Step 2: Unpack the replacement assembly
- Step 3: Install the Trays 3–5 paper feeder stand pickup and separation rollers

Introduction

This document provides the procedures to remove and replace the Trays 3–5 paper feeder stand pickup and separation rollers.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Trays 3–5 paper feeder stand pickup and separation rollers part number	
J7Z98-67902	Kit- LJ Trays 2-x Roller

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the Trays 3–5 paper feeder stand pickup and separation rollers

1. Do one of the following:
   a. Open the paper tray.

⚠ CAUTION: Do not extend more than one paper tray at a time. Do not use the paper tray as a step. Keep hands out of the paper trays when closing. All trays must be closed when moving the printer.

Figure 1-250 Open the paper tray



b. Open the high-capacity paper tray.

Figure 1-251 Open the high-capacity paper tray



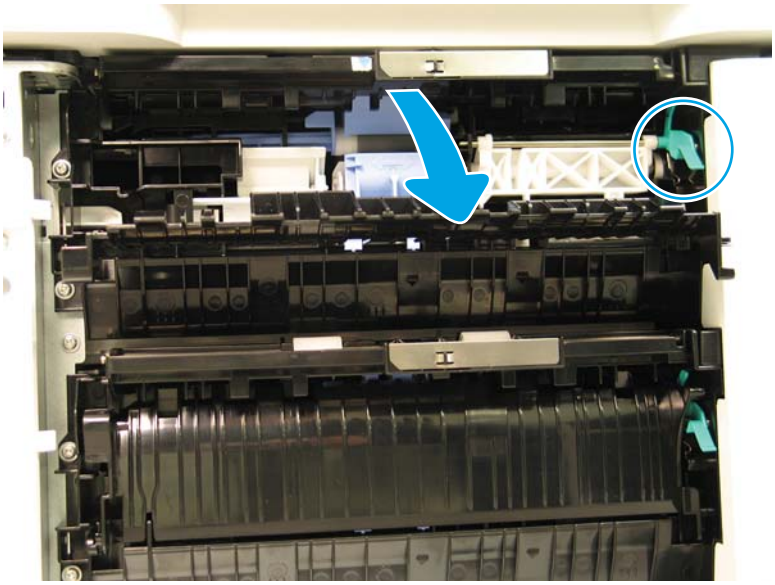
2. Open the right door of the paper feeder

Figure 1-252 Open the right door



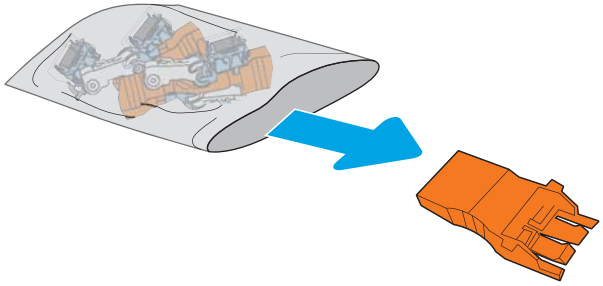
3. Locate the green tab on the feed assembly cover. Release the tab to lower the assembly cover.

Figure 1-253 Lower the feed assembly cover



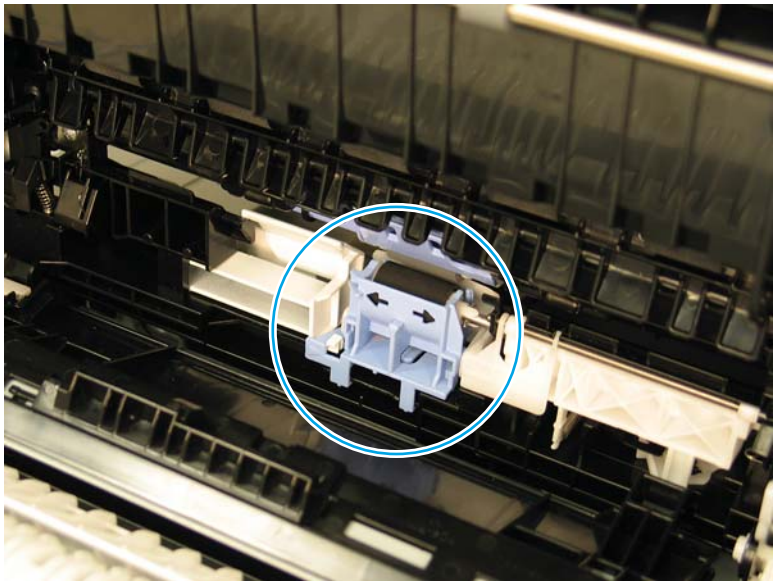
4. Remove the orange separation roller tool from the packaging.

Figure 1-254 Remove the tool from the packaging



5. Locate the separation roller.

Figure 1-255 Locate the separation roller



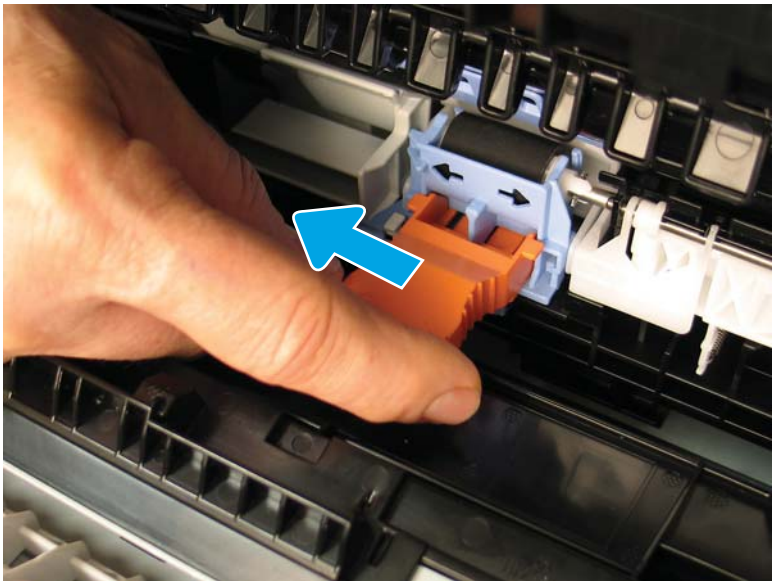
6. Install the orange tool in the separation roller until it snaps into place.

Figure 1-256 Install the orange tool



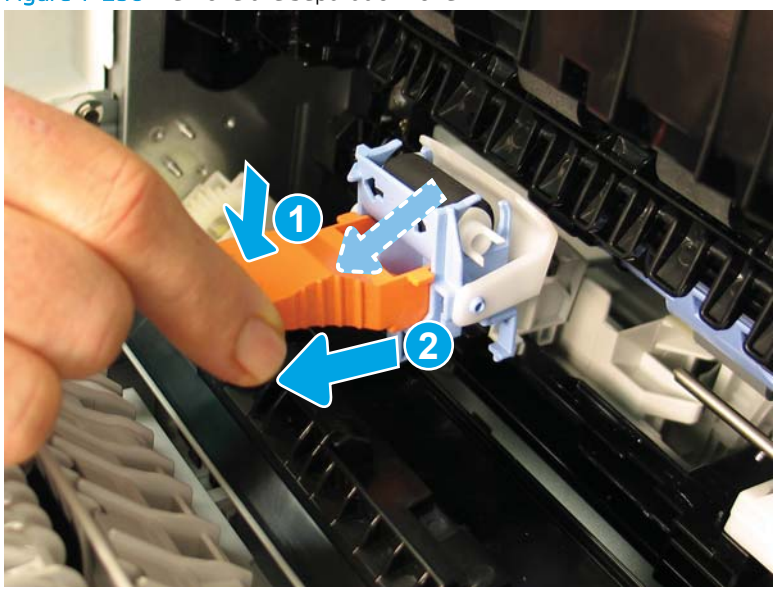
7. Slide the roller to the left.

Figure 1-257 Slide the roller to the left



8. Tilt the end of the tool down (callout 1), and then pull straight out of the printer (callout 2) to remove the separation roller.

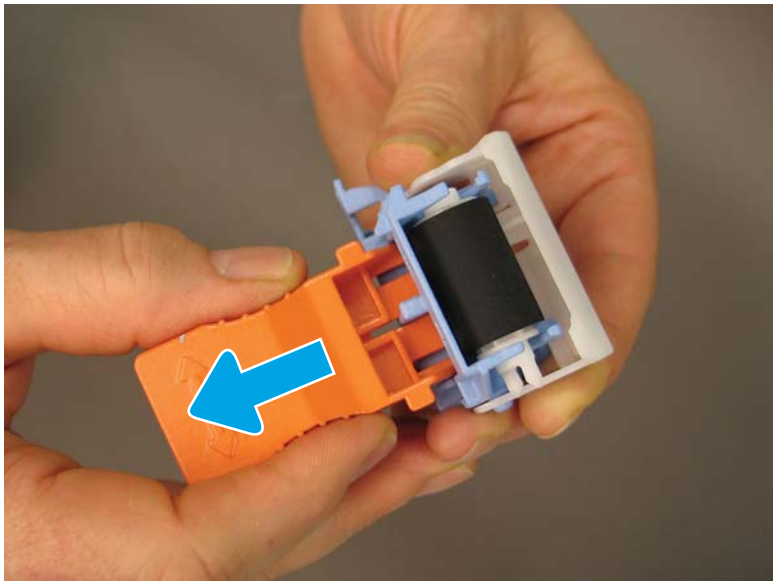
Figure 1-258 Remove the separation roller



9. Remove the orange tool from the separation roller.

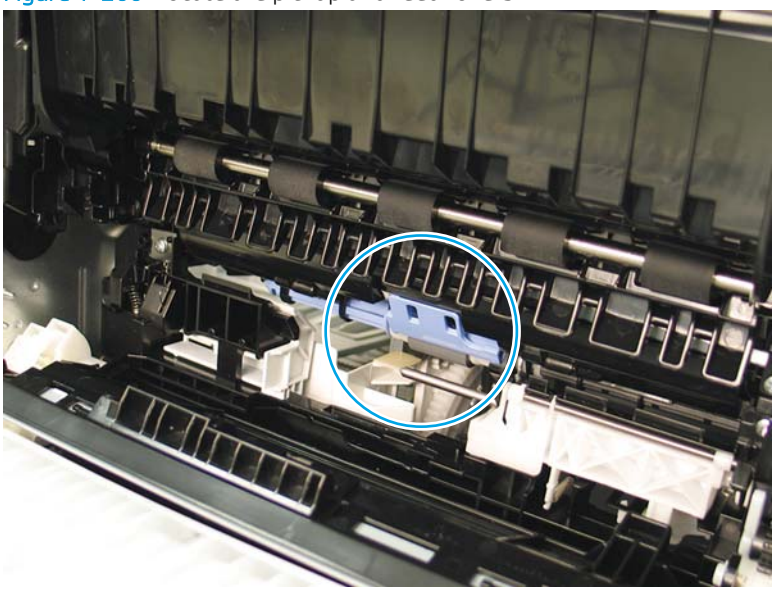
NOTE: The tool will be used to install the new separation roller.

Figure 1-259 Remove the orange tool



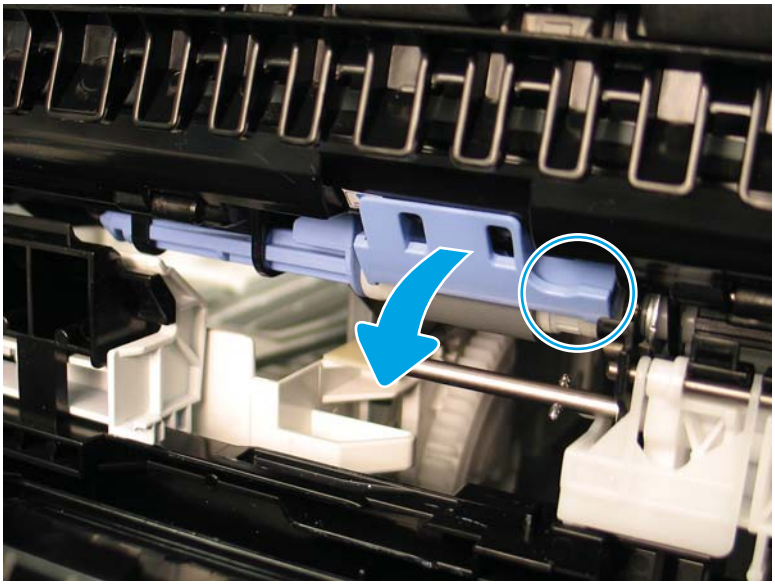
10. Locate the pickup and feed rollers.

Figure 1-260 Locate the pickup and feed rollers



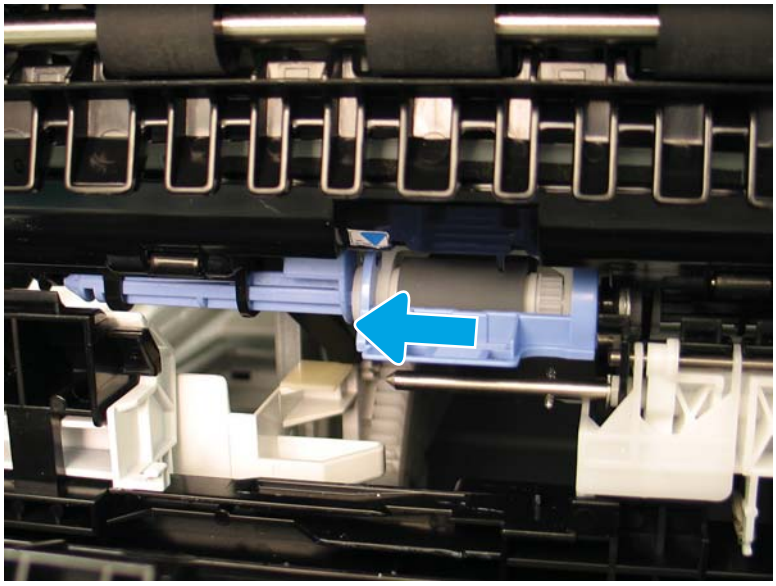
11. Locate and pull down the blue tab to unlock the pickup and feed rollers.

Figure 1-261 Unlock the pickup and feed rollers



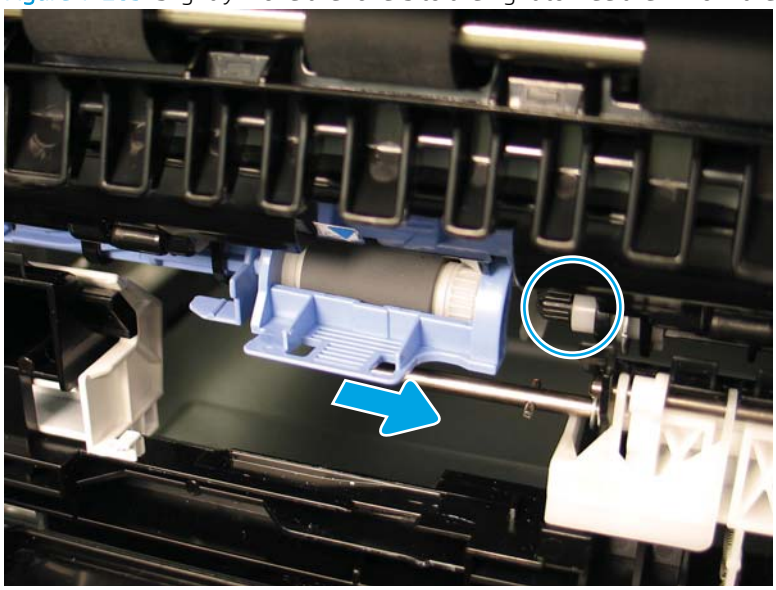
12. Use the blue tab as a handle to slide the rollers to the left to compress the left blue post until it clicks into place.

Figure 1-262 Slide the blue tab left, compressing the left blue post until it clicks



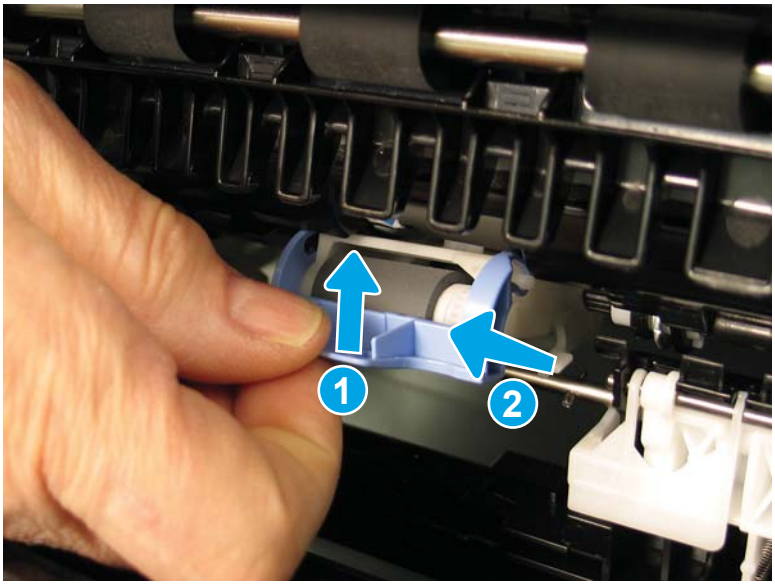
13. Slightly move the rollers to the right to free them from the blue post. Make sure that the roller is clear of the black post on the right.

Figure 1-263 Slightly move the rollers to the right to free them from the blue post



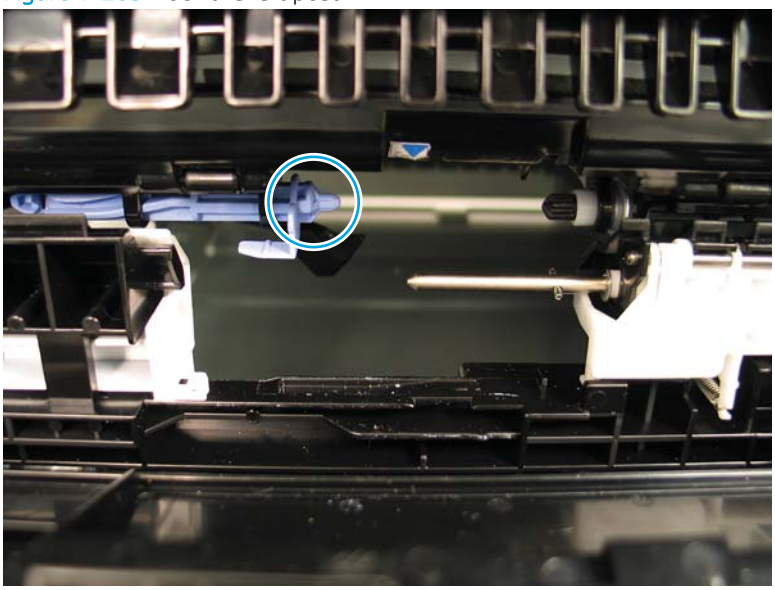
14. Slightly lift up the front of the roller assembly (callout 1), and then pull the assembly away from the printer (callout 2) to remove it.

Figure 1-264 Remove the roller assembly



15. If the left post does not stay in the locked position, press the end of the post left until it clicks into place.

Figure 1-265 Lock the left post



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

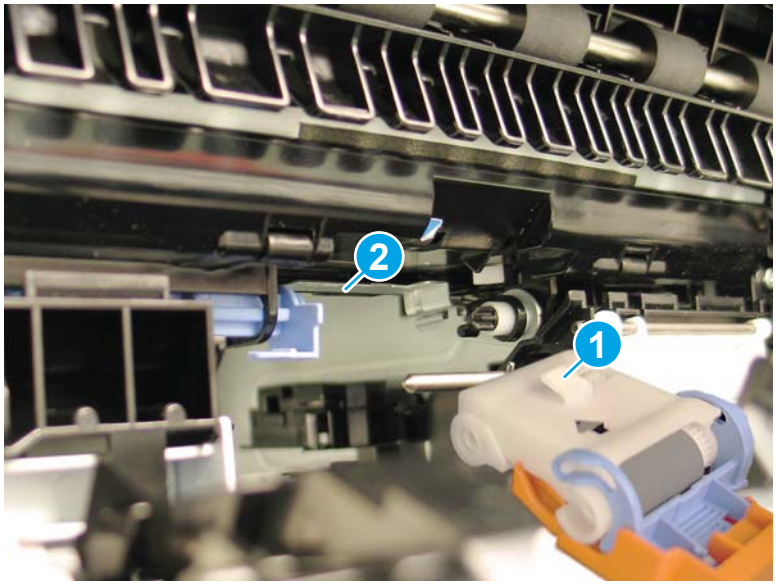
3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Step 3: Install the Trays 3–5 paper feeder stand pickup and separation rollers

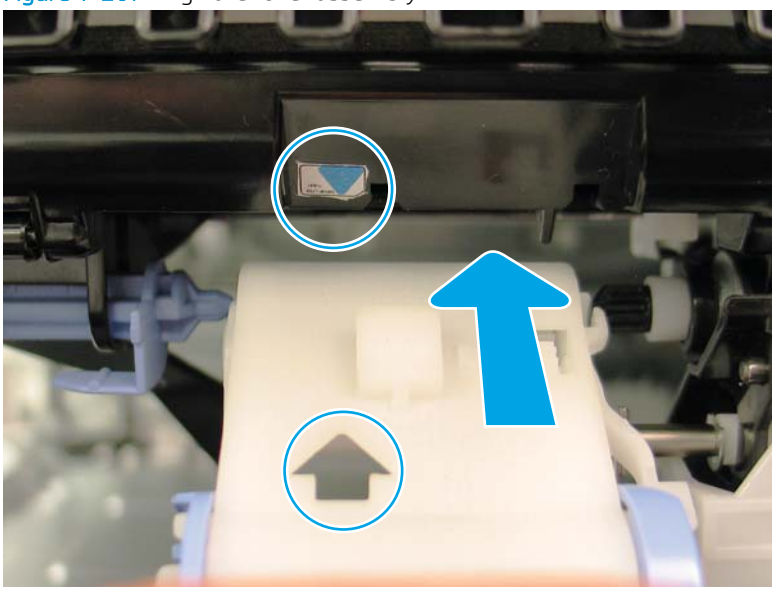
1. The white hook on the top of the roller assembly (callout 1) will hook onto a sheet metal plate (callout 2) when installed correctly.

Figure 1-266 White hook installation position



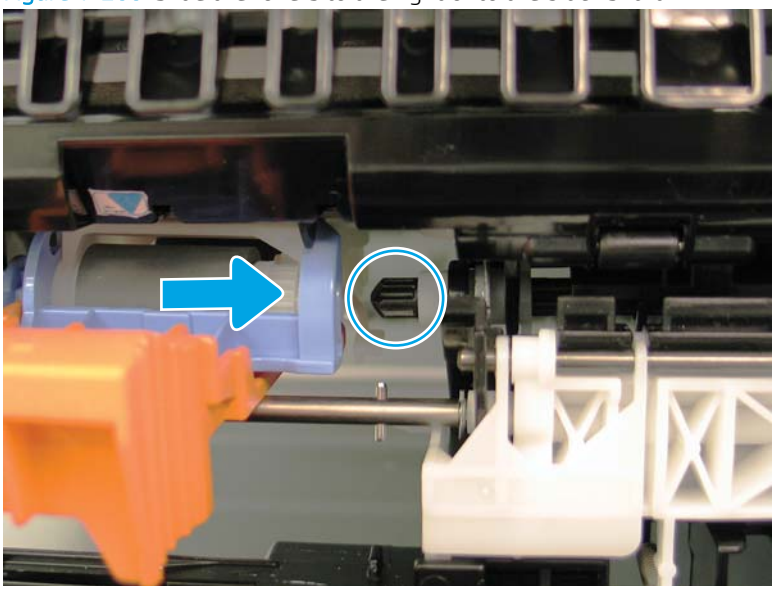
2. Align the arrow on the roller assembly with the arrow in the printer, and then slide the rollers into the printer.

Figure 1-267 Align the roller assembly



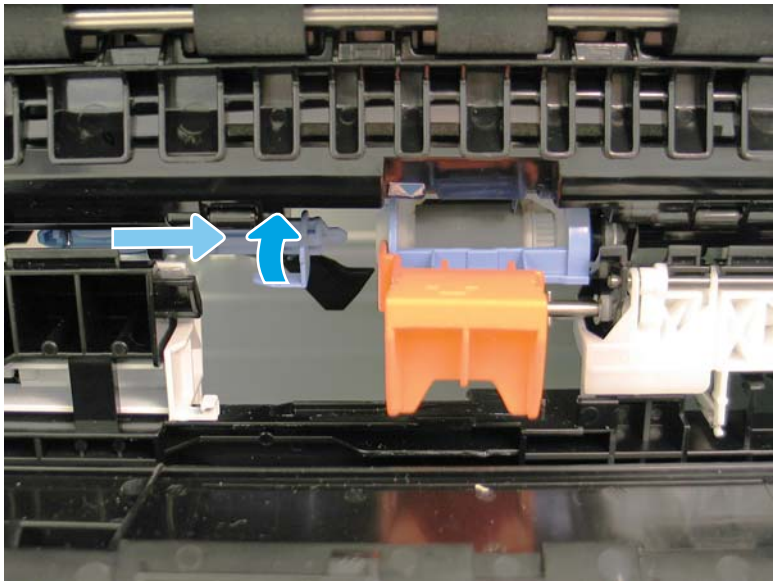
3. Slide the rollers to the right onto the black shaft.

Figure 1-268 Slide the rollers to the right onto the black shaft



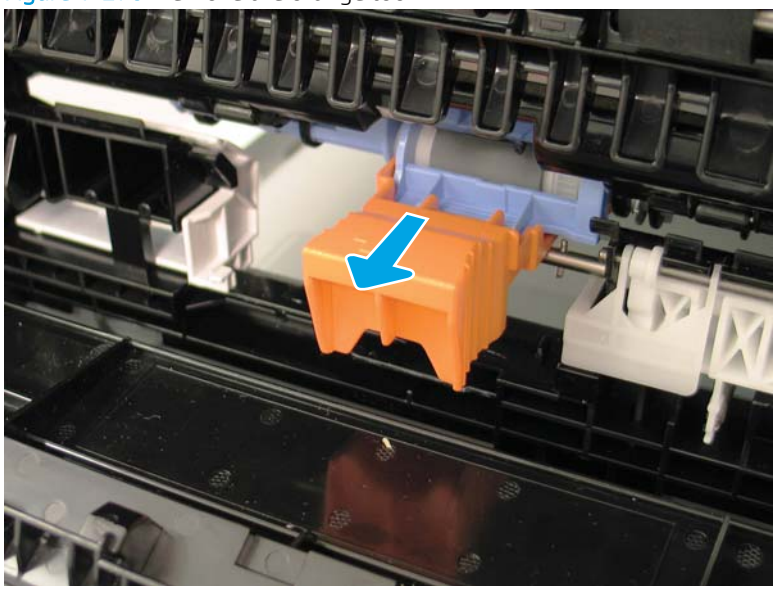
4. Locate the lever on the blue shaft on the left, and then release the lever by pressing upward. The blue shaft should spring to the right to click into position to hold the rollers in place.

Figure 1-269 Release the lever



5. Remove the orange tool from the roller assembly by pulling it away from the printer.

Figure 1-270 Remove the orange tool

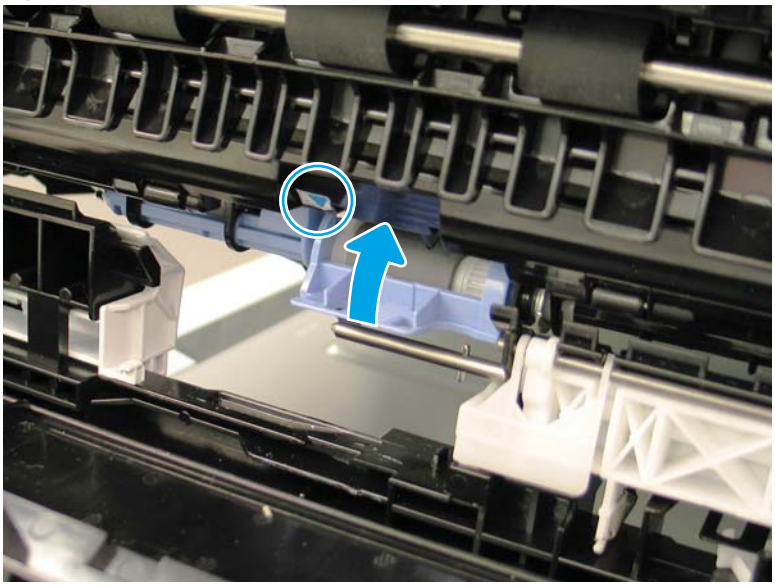


6. Pivot the tab up and snap it into place against the rollers to correctly lock the rollers in place.

NOTE: The blue arrow on the printer is hidden when the cover is correctly snapped into place.

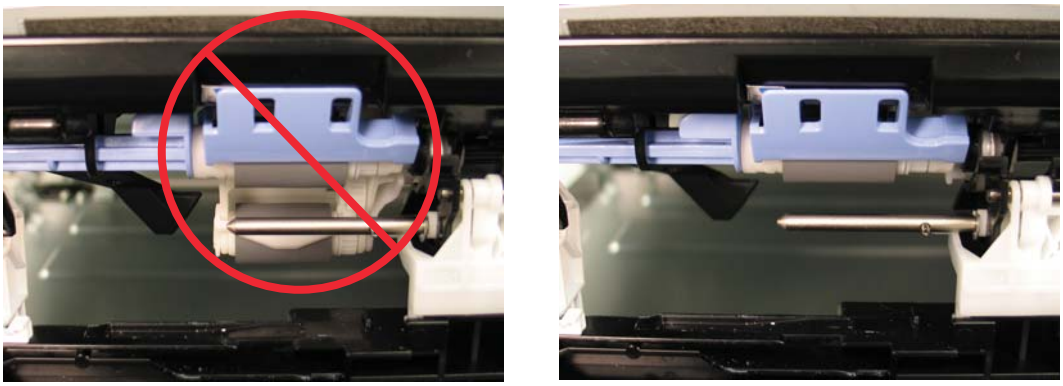
NOTE: If the rollers are hanging, or at an angle, they are not installed correctly. Make sure that the hook on the top of the rollers is attached to the metal chassis plate inside the printer. If the rollers are not installed correctly, go back to step 16 and reinstall the assembly.

Figure 1-271 Pivot the tab up and snap it to lock the rollers correctly in place



7. If the rollers are hanging, or at an angle, they are not installed correctly. Make sure that the hook on the top of the rollers is attached to the metal chassis plate inside the printer. If the rollers are not installed correctly, go back to step 2 and reinstall the assembly.

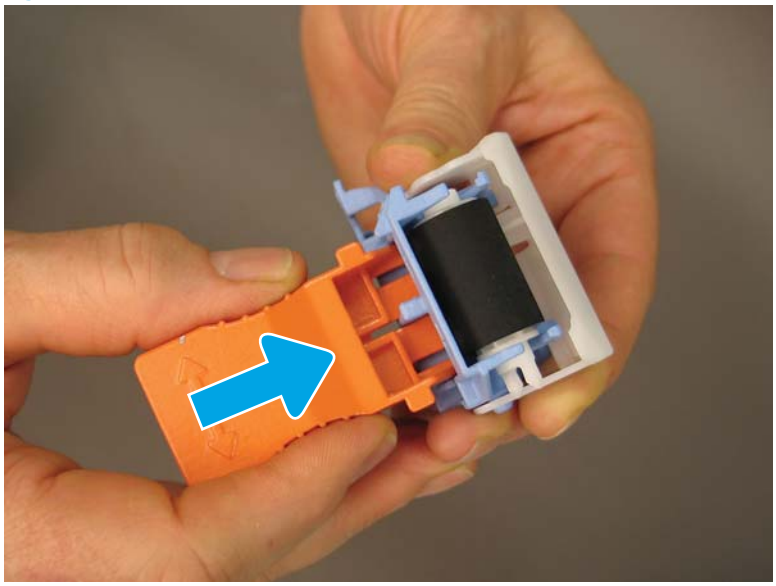
Figure 1-272 Roller incorrect and correct installation



8. Install the orange separation roller tool onto the replacement separation roller.

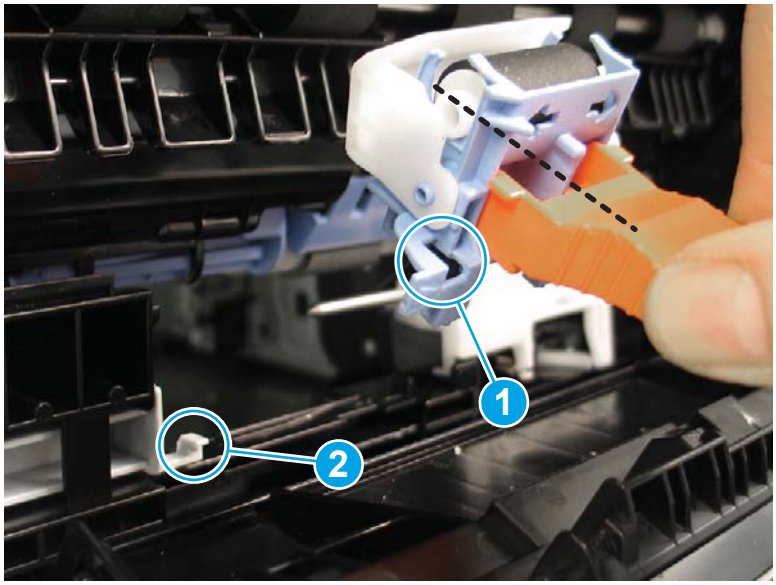
NOTE: The tool will snap into place when it is fully installed.

Figure 1-273 Install the orange tool



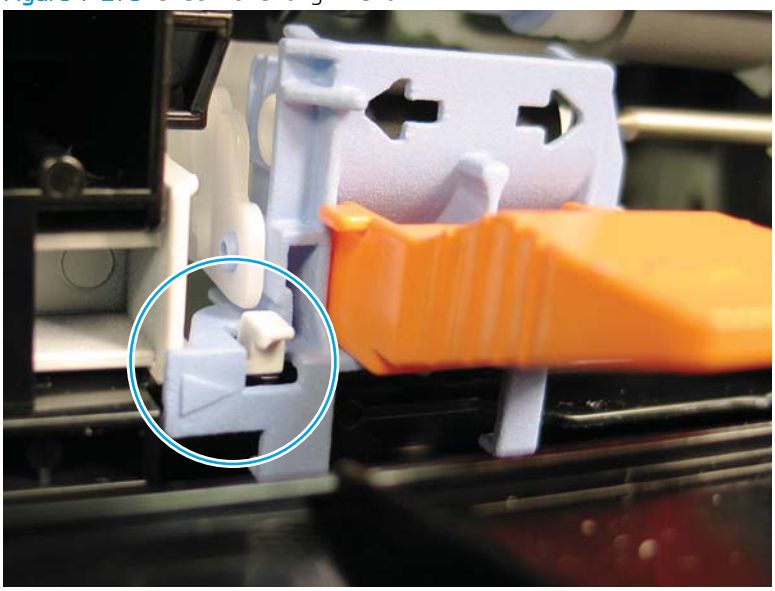
9. Tilt the orange tool slightly away from the printer, and then install the roller into the printer so that the opening in the roller (callout 1) fit over the white tab (callout 2) on the printer rail.

Figure 1-274 Position the roller



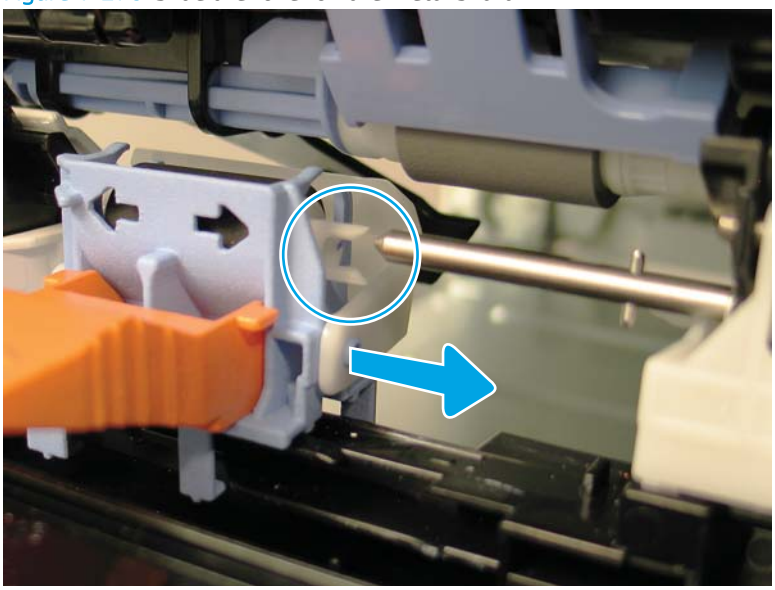
10. When installed correctly, the embossed arrow on the roller case aligns with the white tab on the rail.

Figure 1-275 Check roller alignment



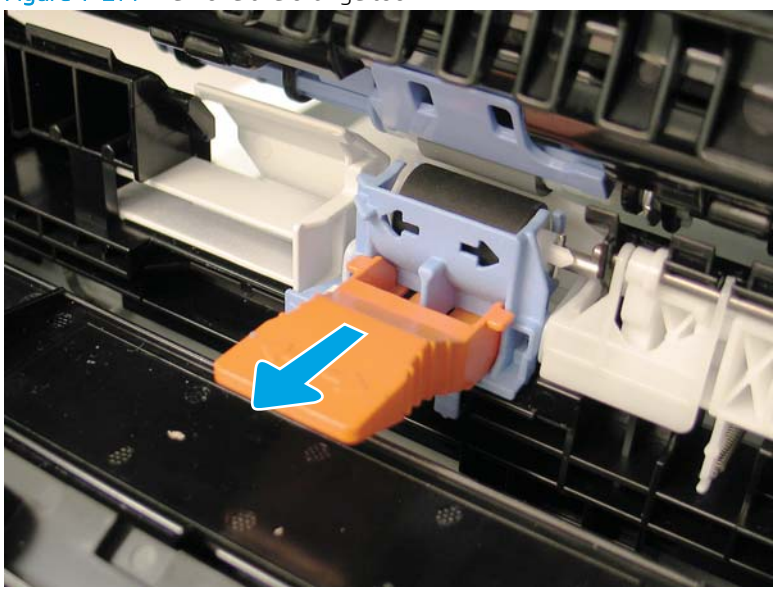
11. Align the center of the roller with the end of the metal shaft. Slide the roller to the right onto the metal shaft until it snaps into place.

Figure 1-276 Slide the roller on the metal shaft



12. Remove the orange tool by pulling it away from the printer.

Figure 1-277 Remove the orange tool



13. Close the feed assembly cover.

Figure 1-278 Close the feed assembly cover



14. Close the right door of the paper feeder.

Figure 1-279 Close the right door



15. Do one of the following:

a. Close the paper tray.

Figure 1-280 Close the paper tray



b. Close the high-capacity paper tray.

Figure 1-281 Close the high-capacity paper tray



Field replaceable units (FRUs)

Removal and replacement: External panels, covers, and doors

- Removal and replacement: Formatter cover
- Removal and replacement: Face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Removal and replacement: Top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Removal and replacement: Right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Removal and replacement: Front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Removal and replacement: Face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Removal and replacement: Rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Removal and replacement: Main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Removal and replacement: Front door
- Removal and replacement: Right door
- Removal and replacement: Left door
- Removal and replacement: Top cover (M652/M653/E65050/E65060/E65150/E65160)
- Removal and replacement: Left rear cover
- Removal and replacement: Output bin
- Removal and replacement: Rear cover
- Removal and replacement: Right rear cover
- Removal and replacement: Right handle
- Removal and replacement: Left handle

Removal and replacement: Formatter cover

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the formatter cover.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off
- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Formatter cover part number	
RM2-6657-000CN	Formatter cover

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

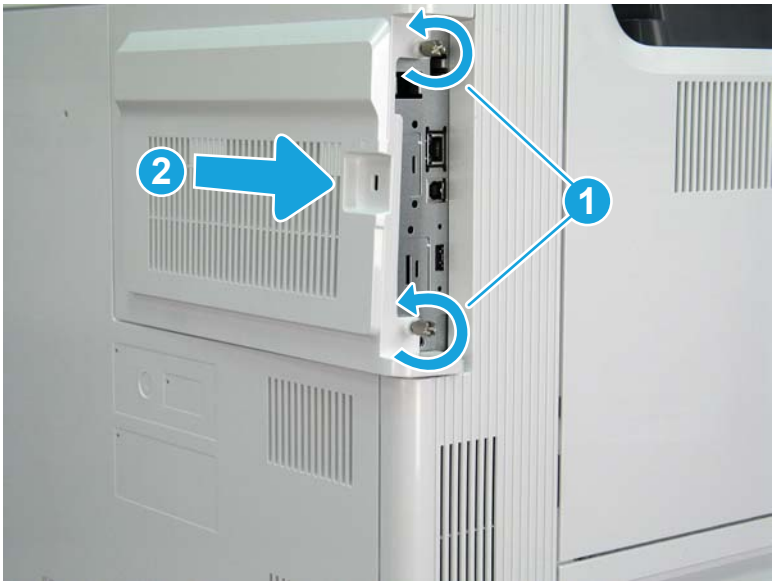
No post service test is available for this assembly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-282 Remove the formatter cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Introduction
- Step 1: Remove the keyboard (Flow M681z/Flow M682z/Flow E67660z)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh) part number	
RC5-1842-000CN	Face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the keyboard (Flow M681z/Flow M682z/Flow E67660z)

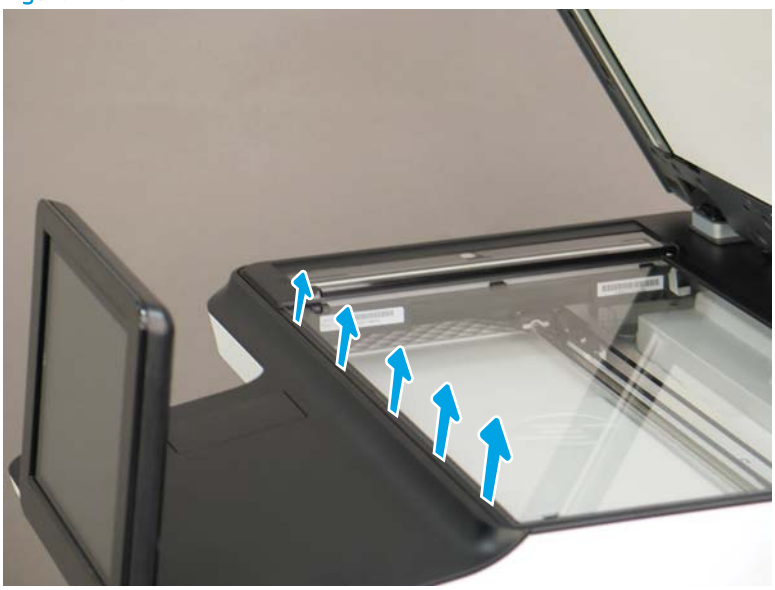
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

   Figure 1-283 Tilt the control panel and open the document feeder

2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

   Figure 1-284 Release fiv tabs

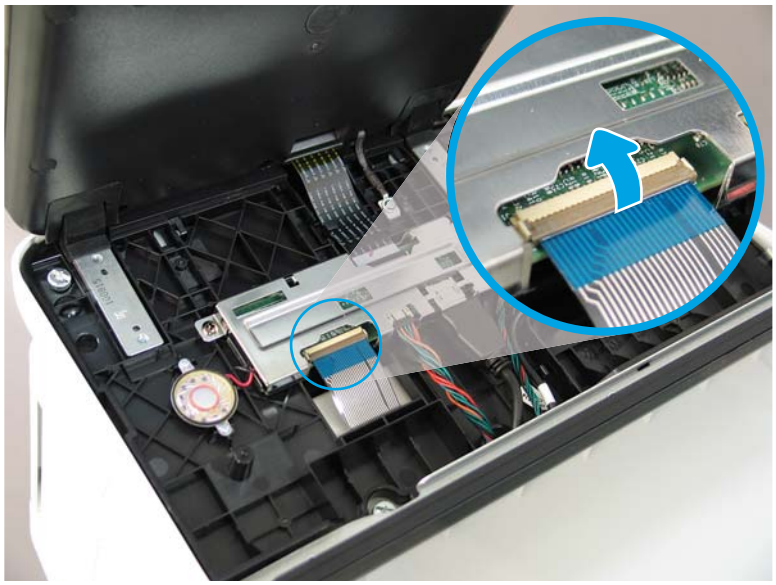
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-285 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-286 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-287 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-288 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-289 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

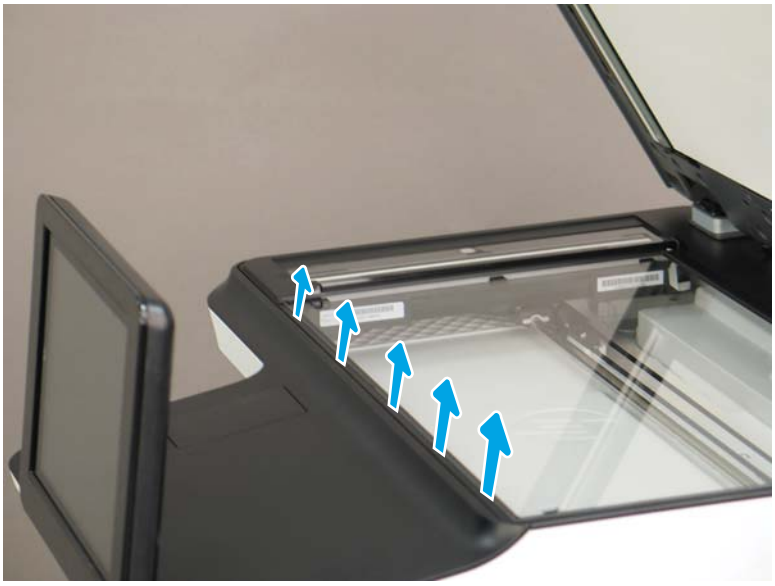
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-290 Tilt the control panel forward and open the document feeder



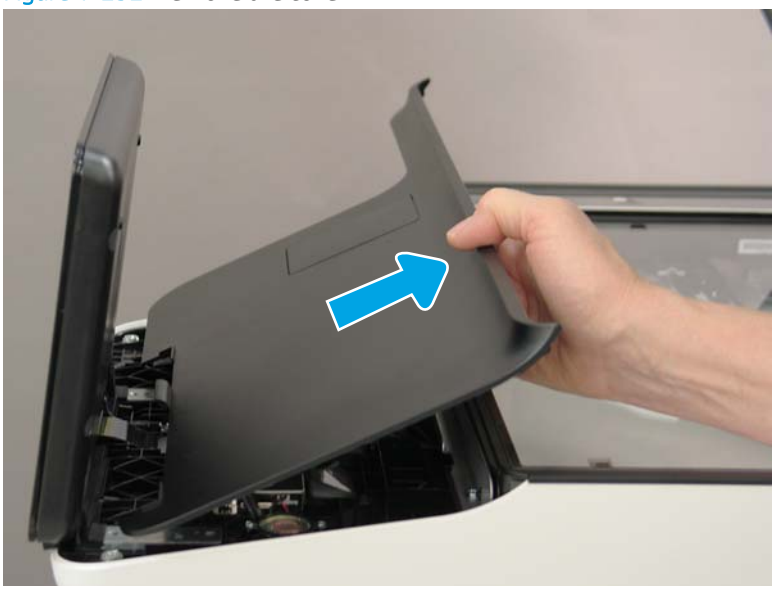
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-291 Release fiv tabs



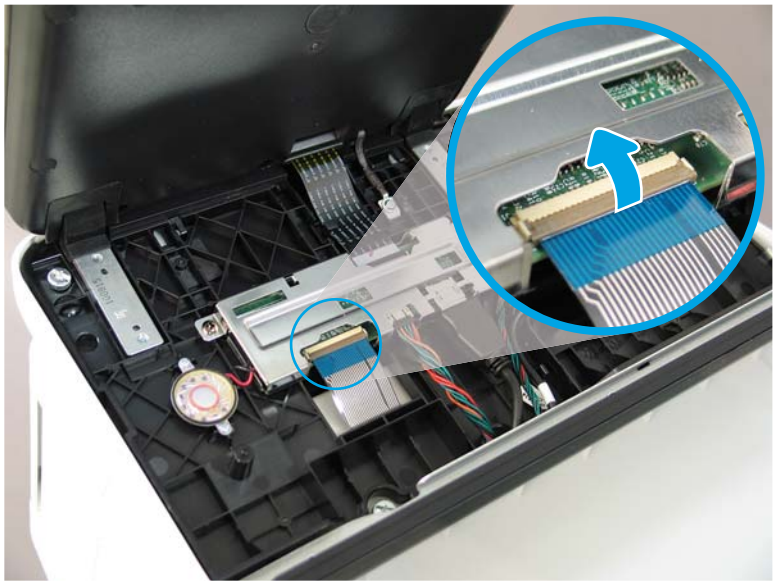
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-292 Remove the cover



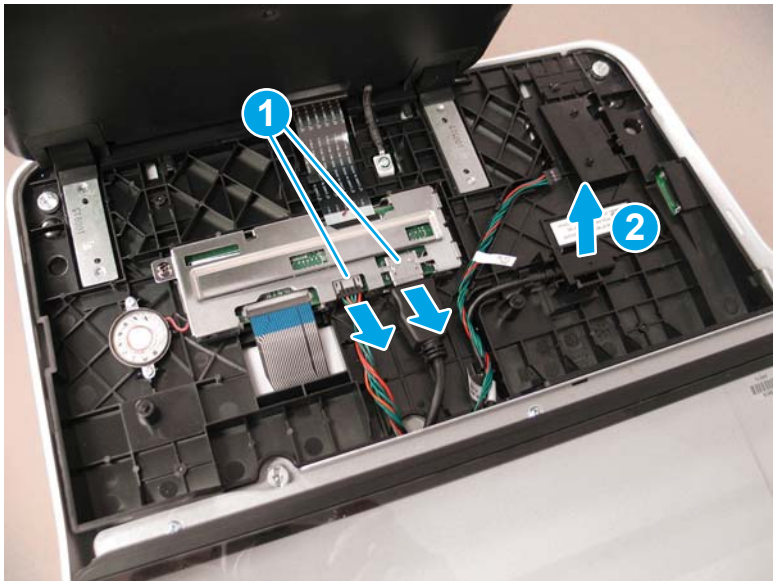
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-293 Disconnect the keyboard fla cable (keyboard models only)



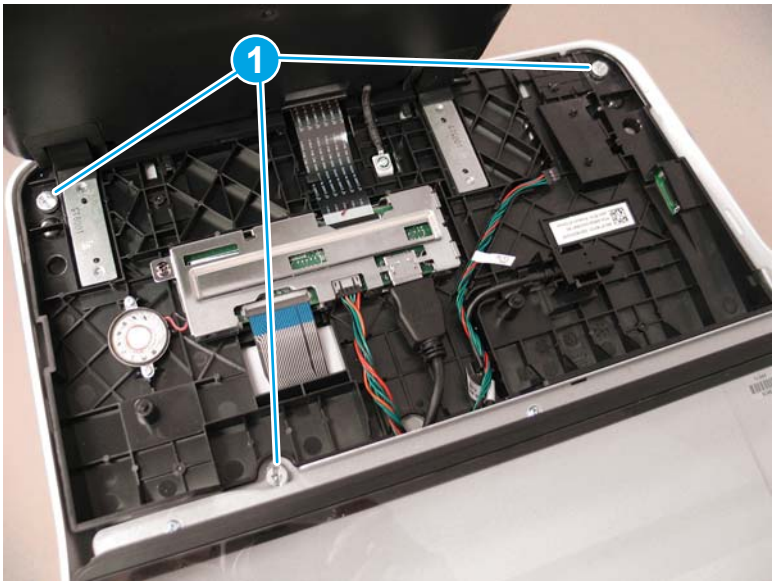
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-294 Disconnect connectors



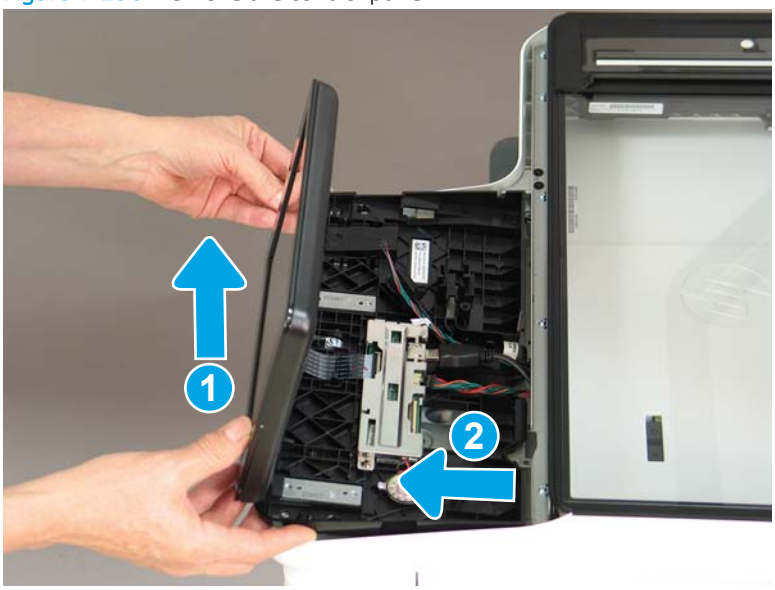
6. Remove three thumbscrews (callout 1).

Figure 1-295 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

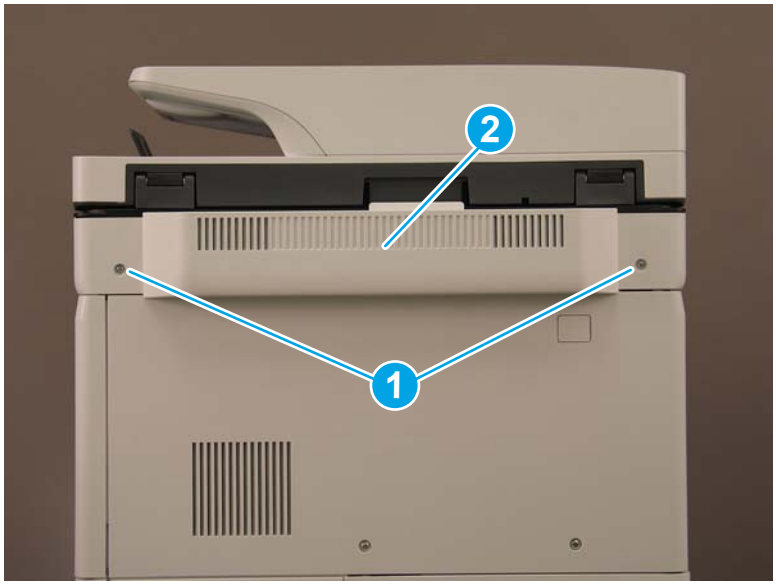
Figure 1-296 Remove the control panel



Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

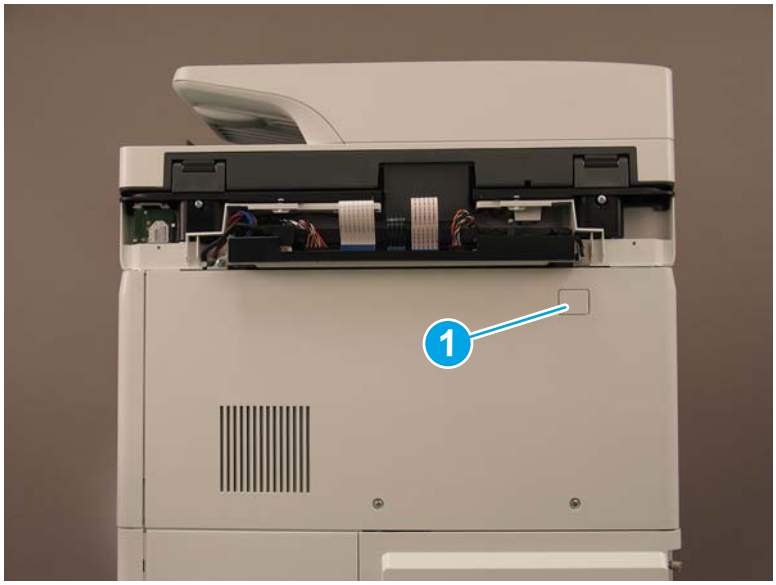
Figure 1-297 Remove the SCB cover



2. **Flow M681z/Flow M682z/Flow E67660z models only**: Do the following:

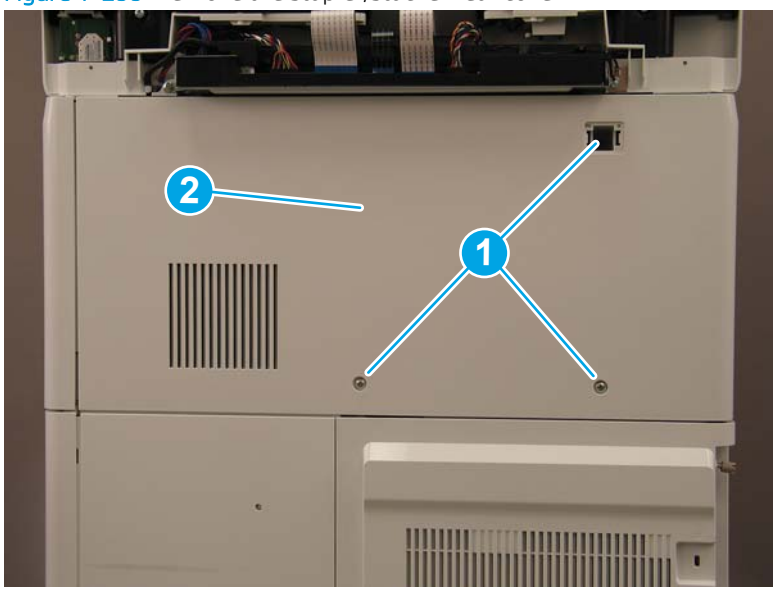
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-298 Remove the small cover



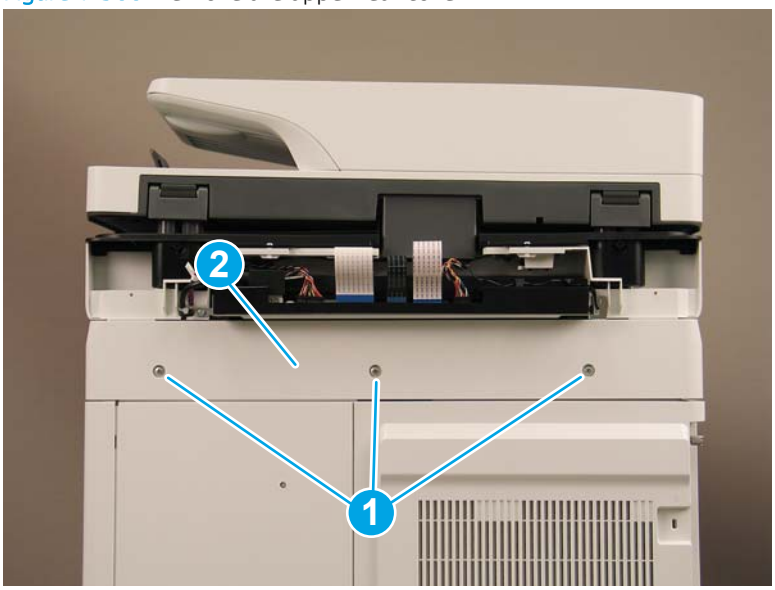
b. **Flow M681z/Flow M682z/Flow E67660z models only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-299 Remove the stapler/stacker rear cover



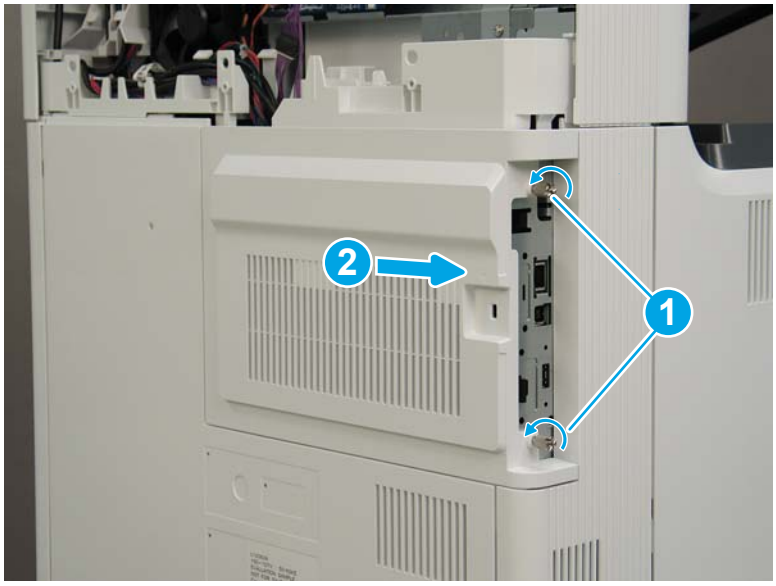
3. **M681dh/M681f/M682dh/Flow M681f/E67650dh models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-300 Remove the upper rear cover



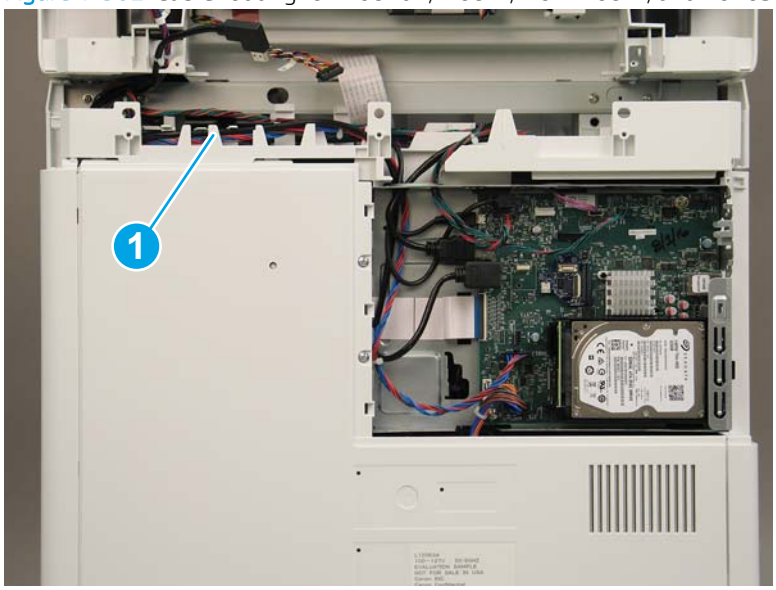
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-301 Remove the formatter cover



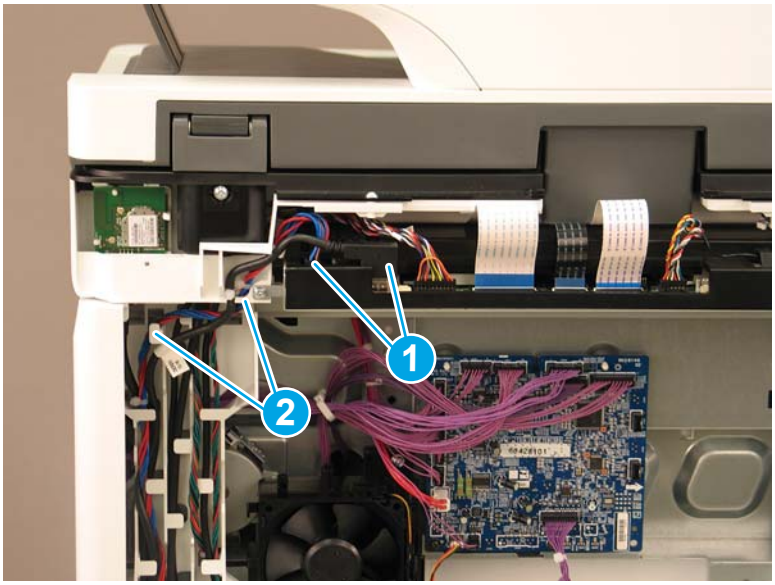
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, Flow M681f, and E67650dh models is different the removal procedures are the same for all models.

Figure 1-302 Cable routing for M681dh, M681f, Flow M681f, and E67650dh



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-303 Disconnect two connectors



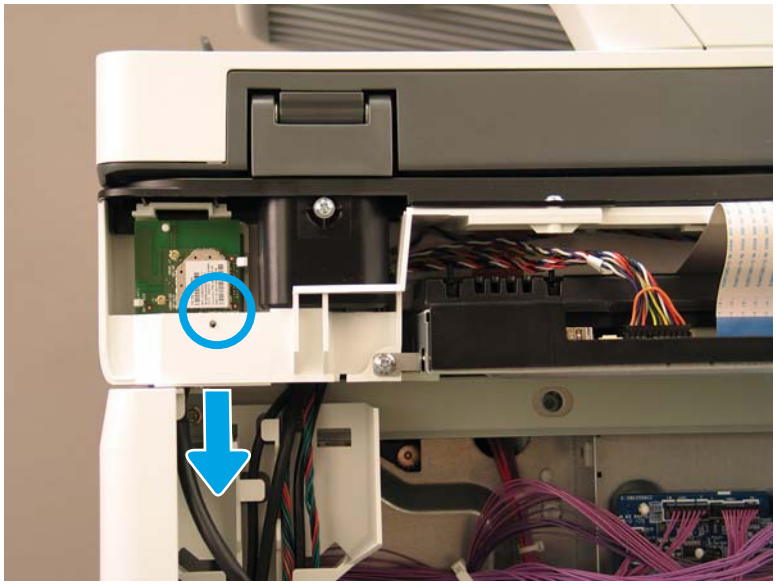
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-304 Disconnect fiv connectors



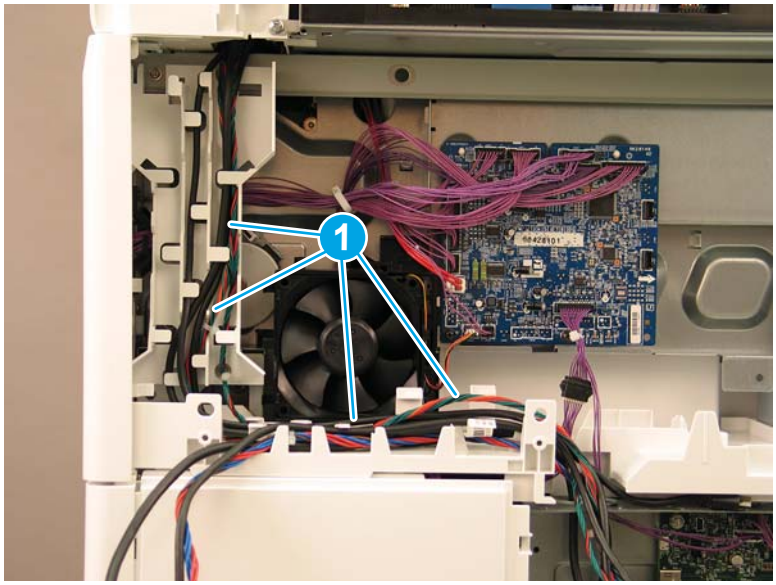
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-305 Disconnect the wireless connector



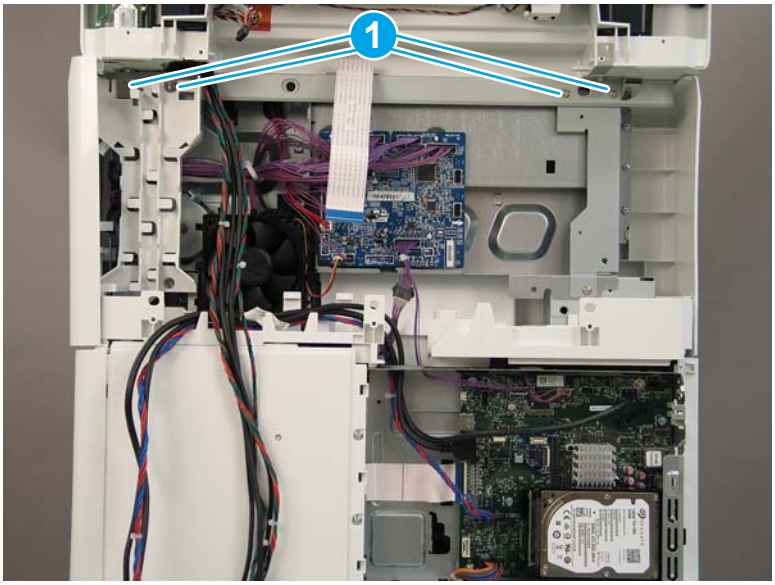
9. Release all of the cables from the cable guides (callout 1).

Figure 1-306 Release the cables



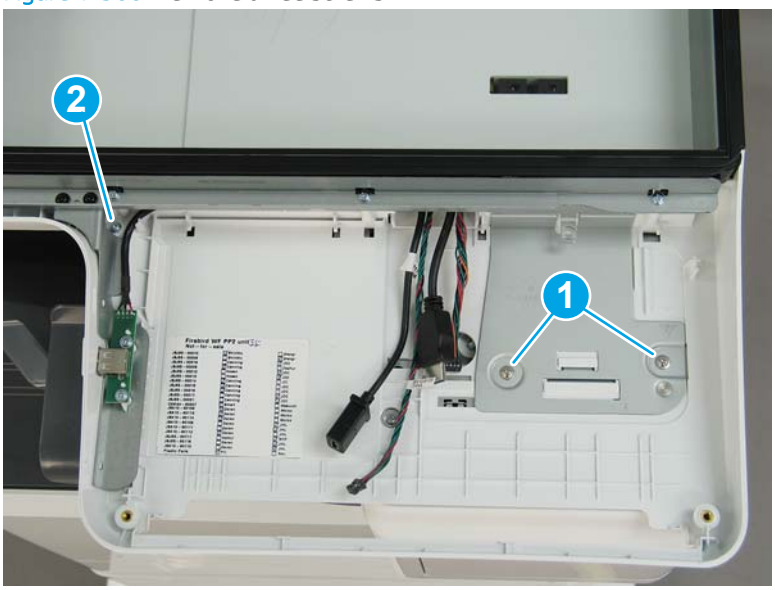
10. At the back of the printer, remove four screws (callout 1).

Figure 1-307 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z/Flow M682z/Flow E67660z only**: Remove one self-tapping screw (callout 2).

Figure 1-308 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-309 Remove the document feeder and image scanner



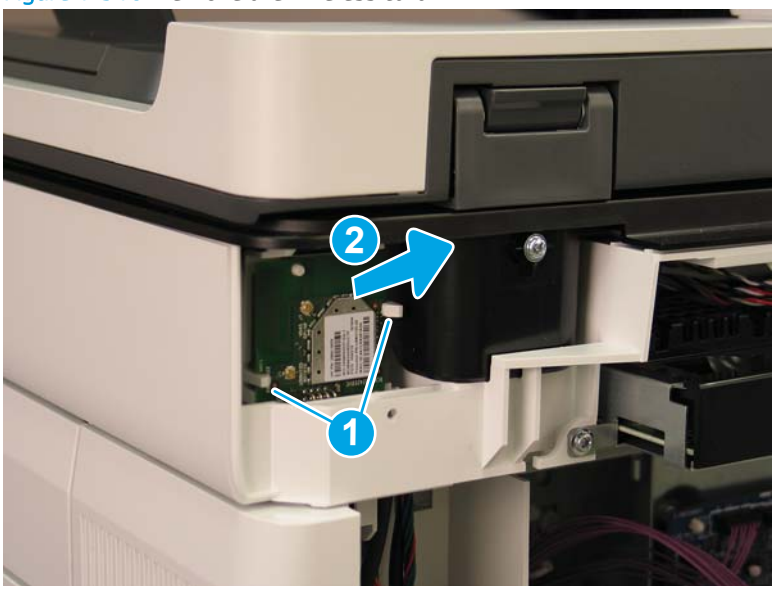
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-310 Remove the wireless card



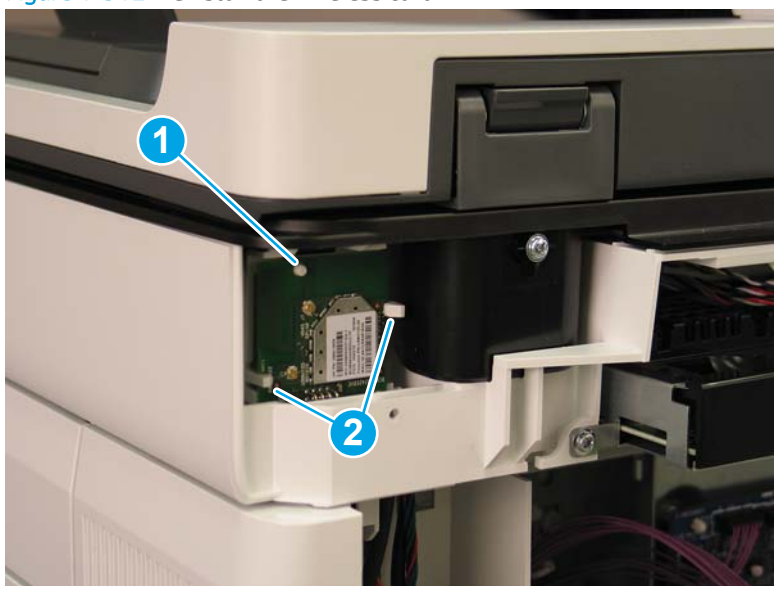
ii. Connect the cable to the wireless card (callout 1).

Figure 1-311 Connect the wireless card connector



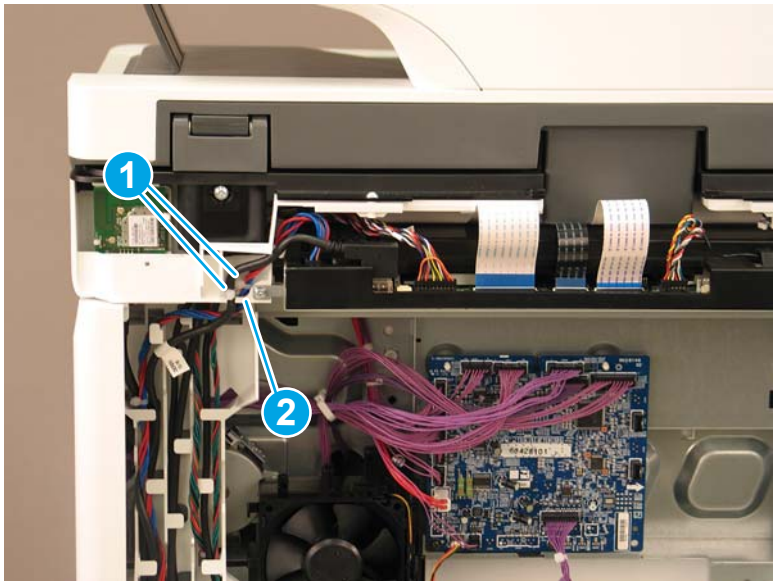
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-312 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

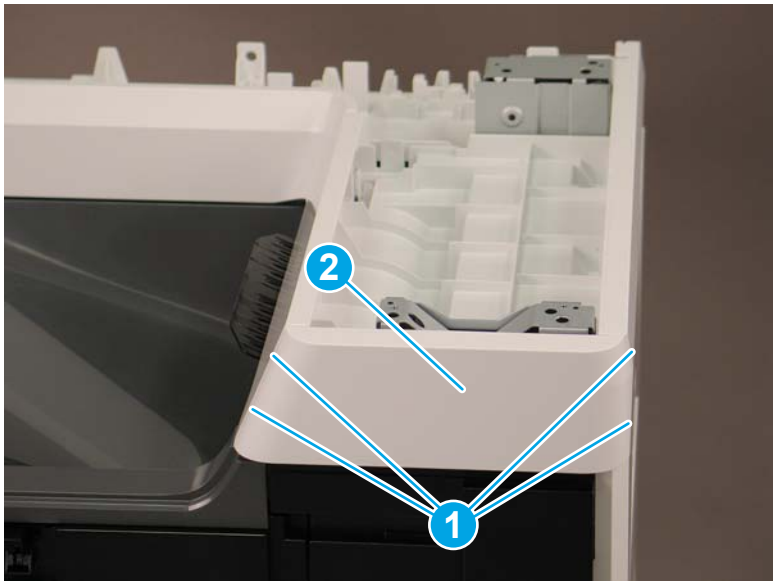
Figure 1-313 Install the SCB cables



Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-314 Remove the face-down front cover



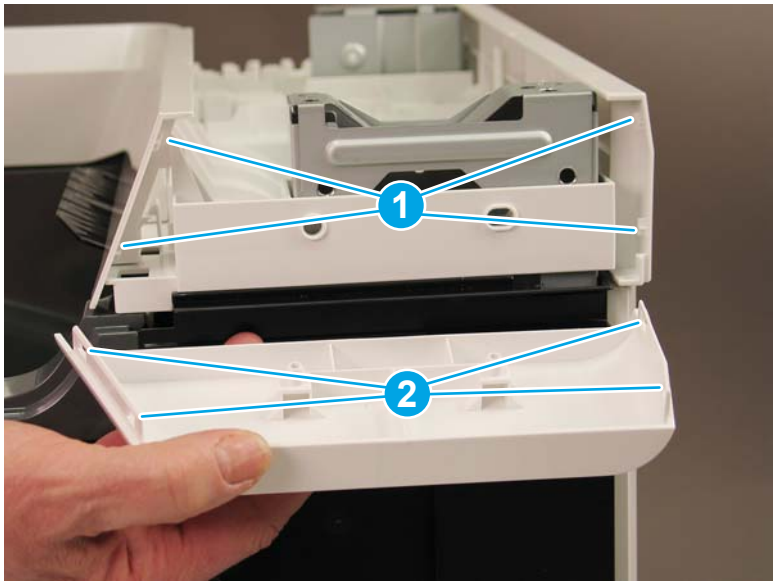
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-315 Install the cover



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Introduction
- Step 1: Remove the keyboard (Flow M681/Flow M682/E67660z)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 5: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Top cover (M681dn/M681/M682dn/Flow M681f/E67650dh) part number	
RC4-6865-000CN	Top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the keyboard (Flow M681/Flow M682/E67660z)

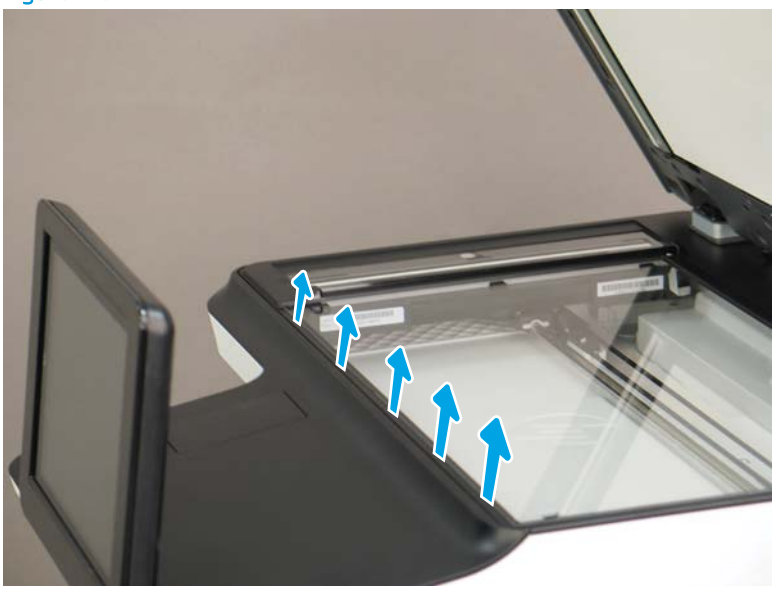
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

   Figure 1-316 Tilt the control panel and open the document feeder

2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

   Figure 1-317 Release fiv tabs

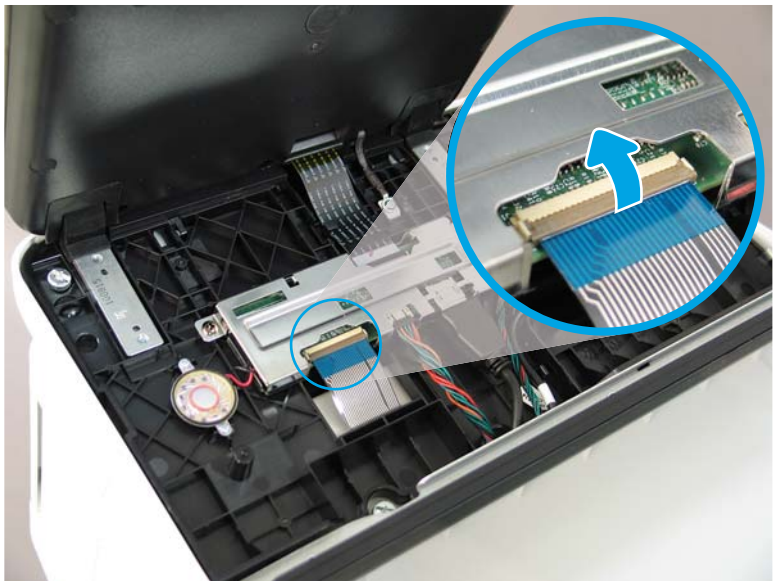
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-318 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-319 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-320 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-321 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-322 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

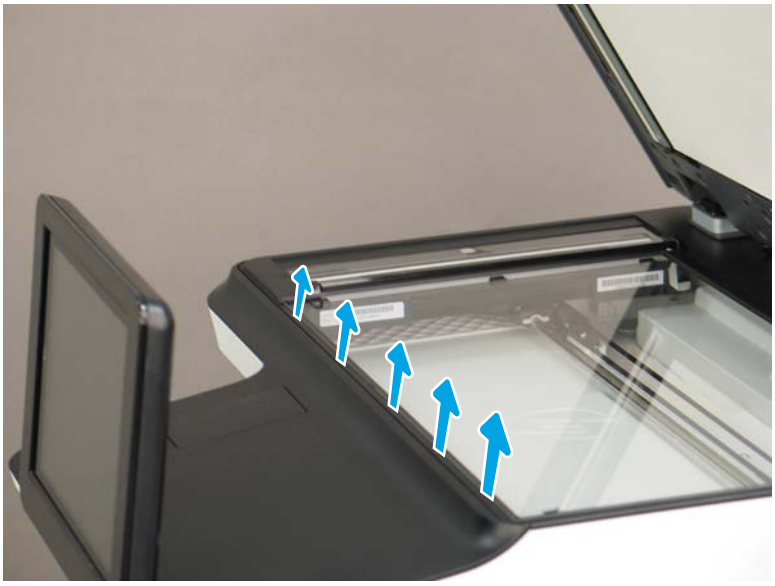
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-323 Tilt the control panel forward and open the document feeder



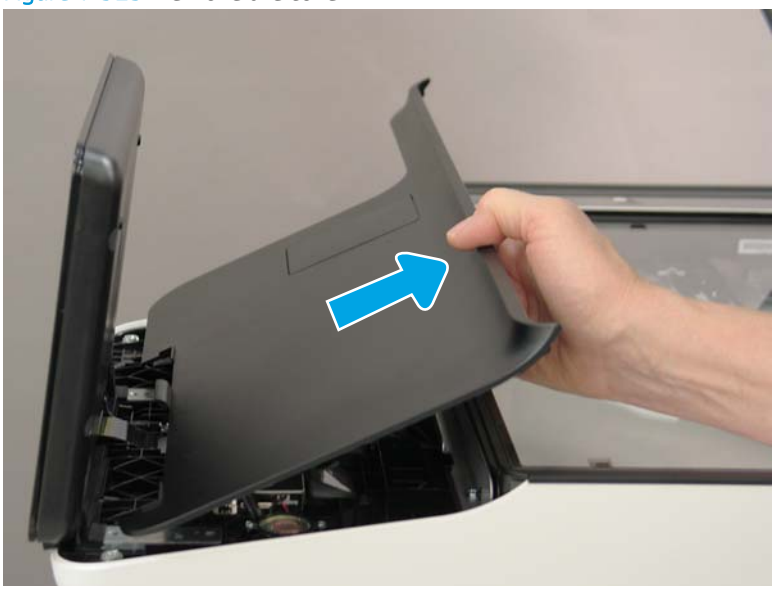
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-324 Release fiv tabs



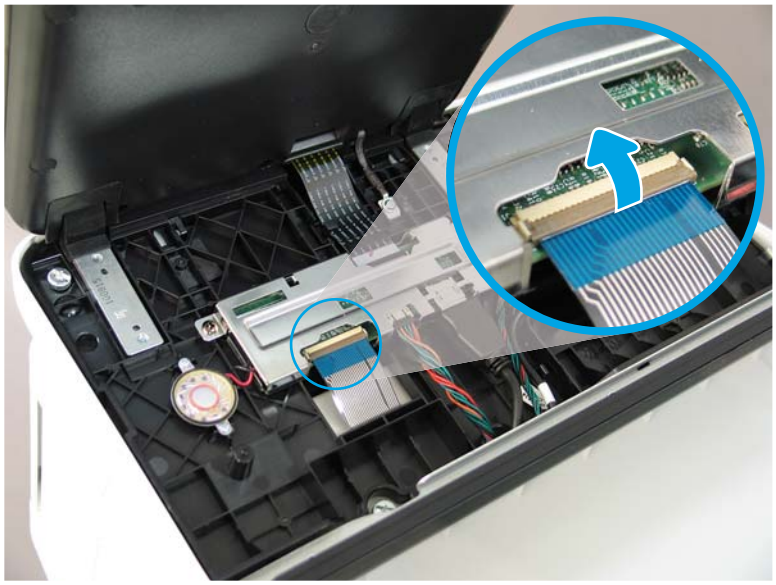
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-325 Remove the cover



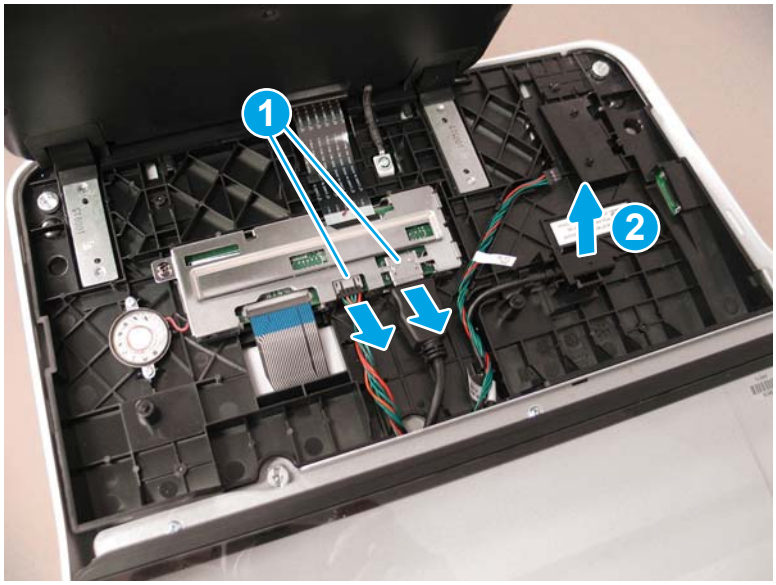
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-326 Disconnect the keyboard fla cable (keyboard models only)



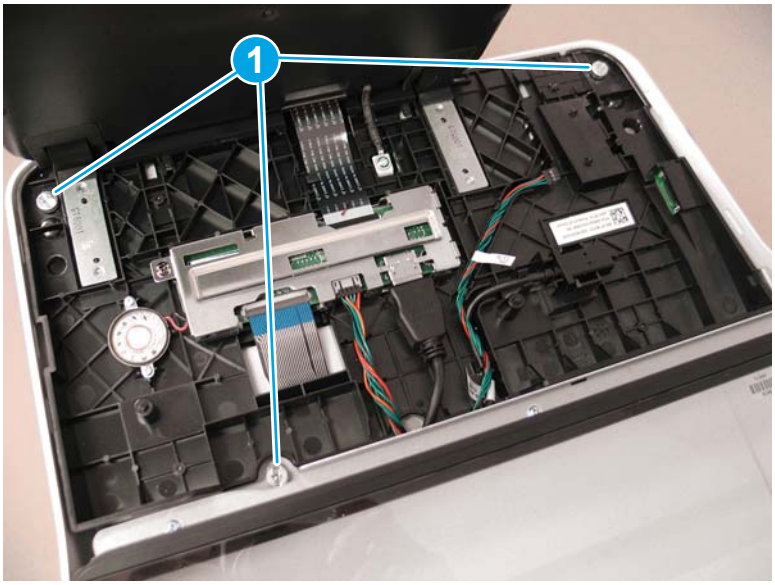
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-327 Disconnect connectors



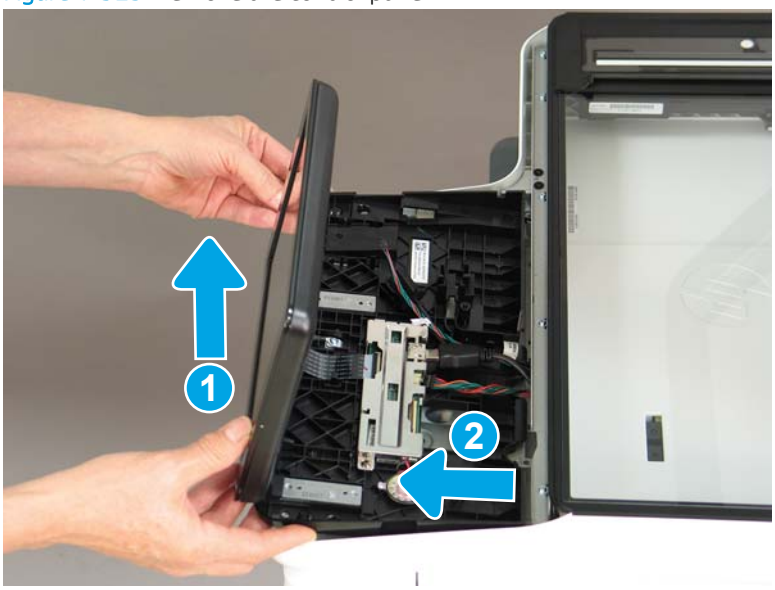
6. Remove three thumbscrews (callout 1).

Figure 1-328 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

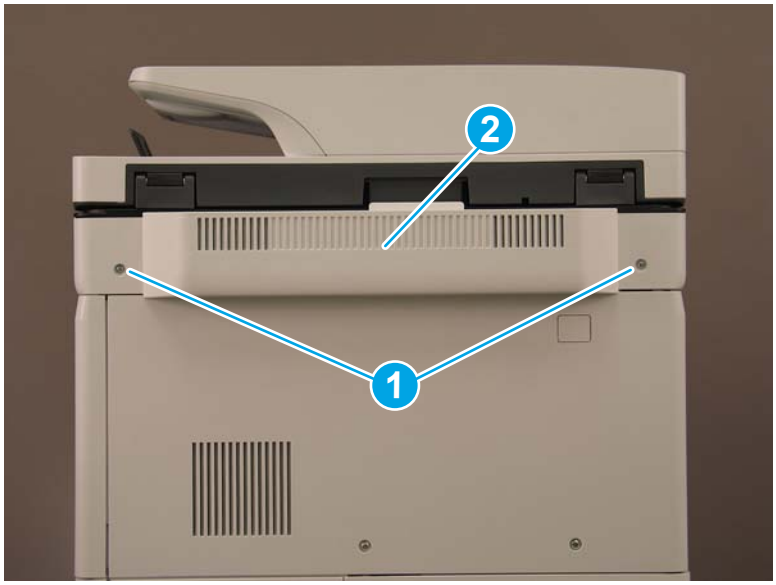
Figure 1-329 Remove the control panel



Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

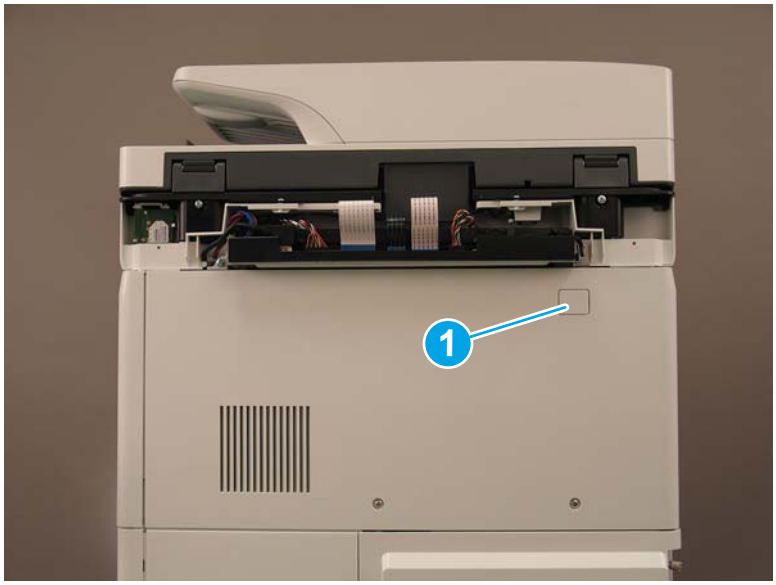
Figure 1-330 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

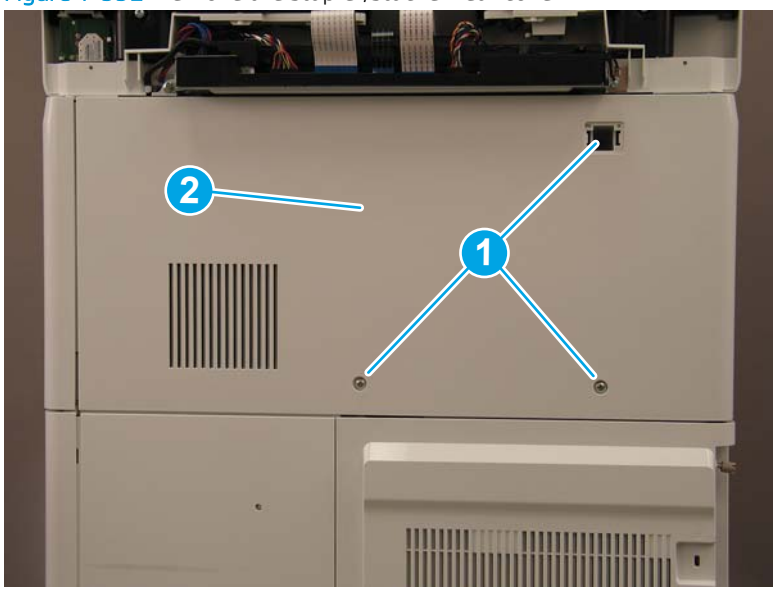
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-331 Remove the small cover



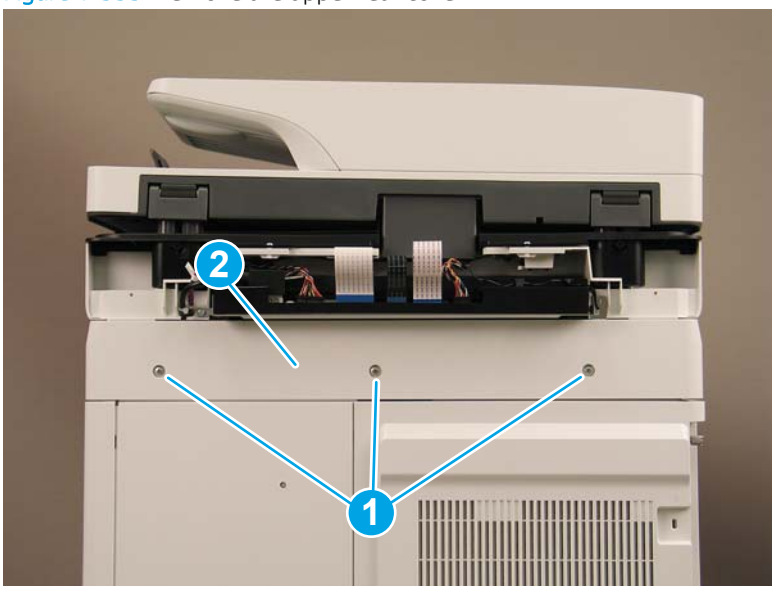
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-332 Remove the stapler/stacker rear cover



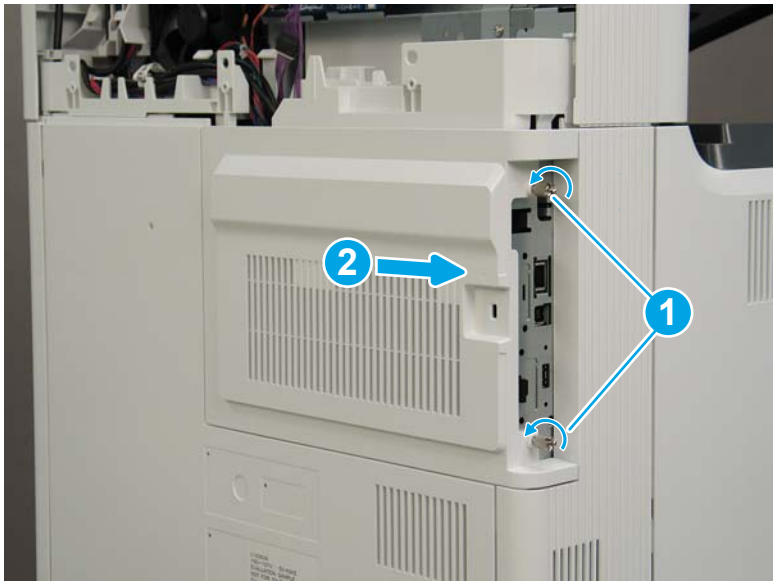
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-333 Remove the upper rear cover



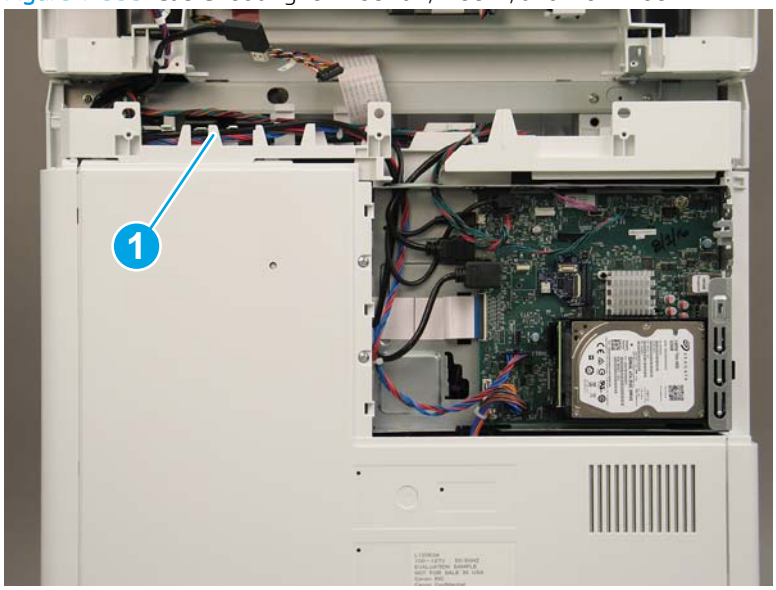
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-334 Remove the formatter cover



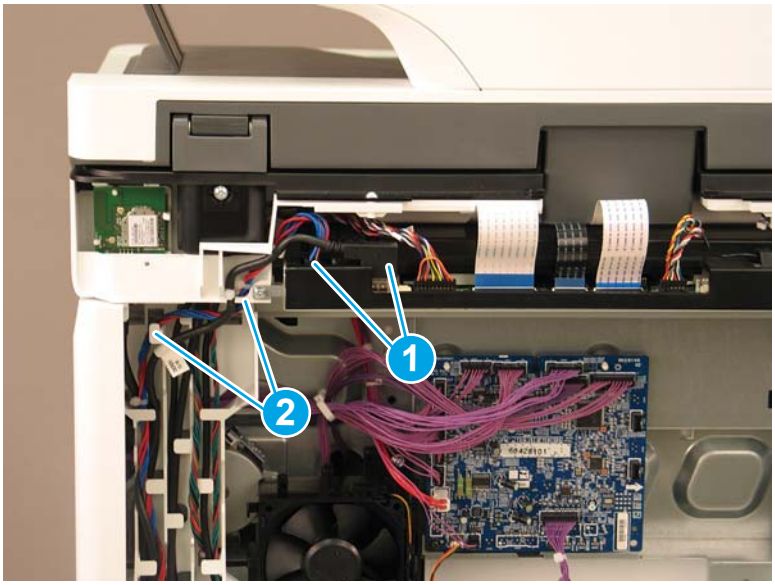
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-335 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-336 Disconnect two connectors



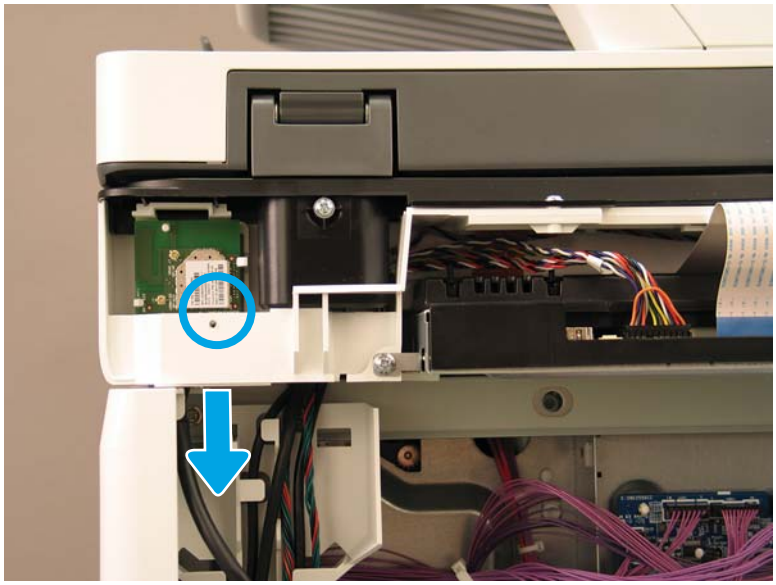
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-337 Disconnect fiv connectors



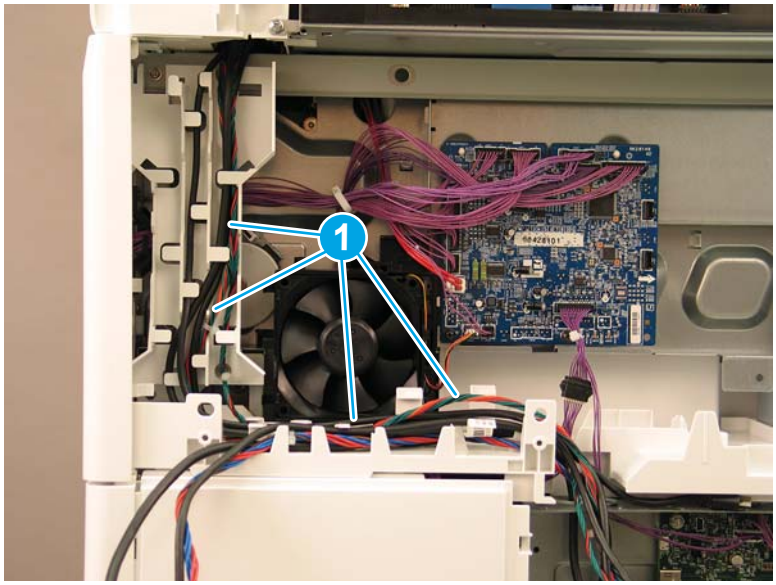
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-338 Disconnect the wireless connector



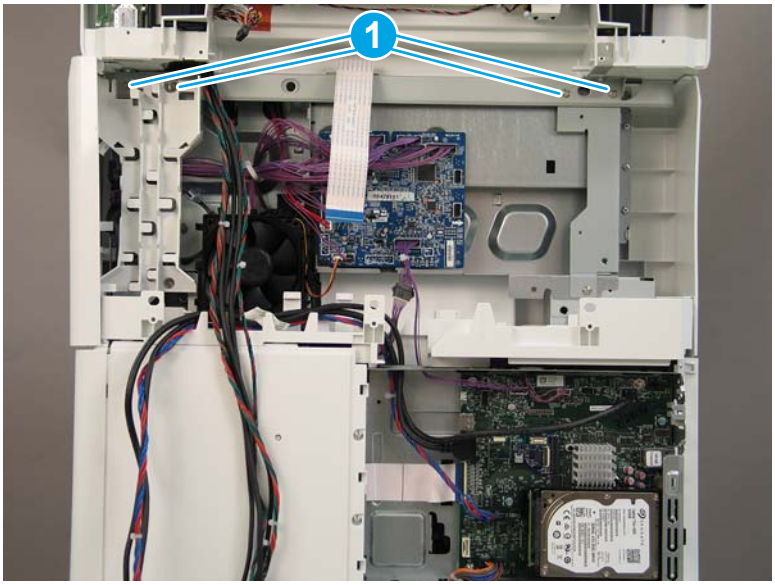
9. Release all of the cables from the cable guides (callout 1).

Figure 1-339 Release the cables



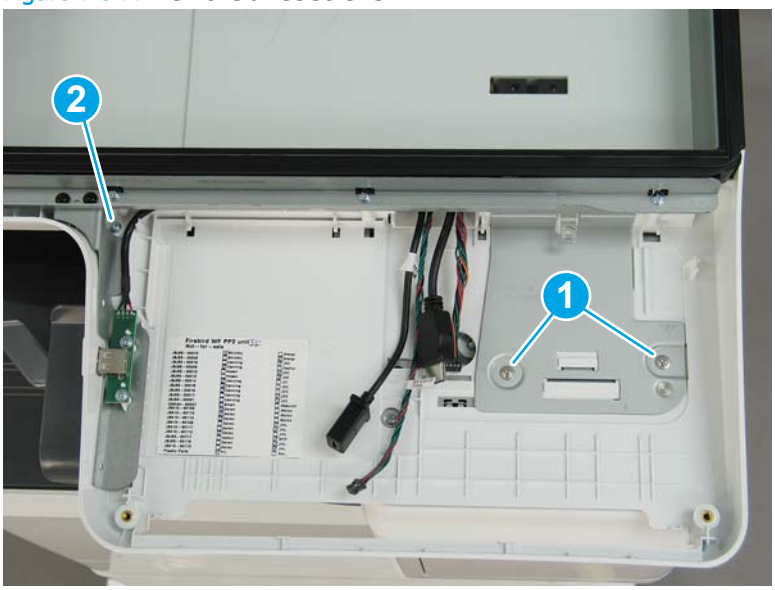
10. At the back of the printer, remove four screws (callout 1).

Figure 1-340 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-341 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-342 Remove the document feeder and image scanner



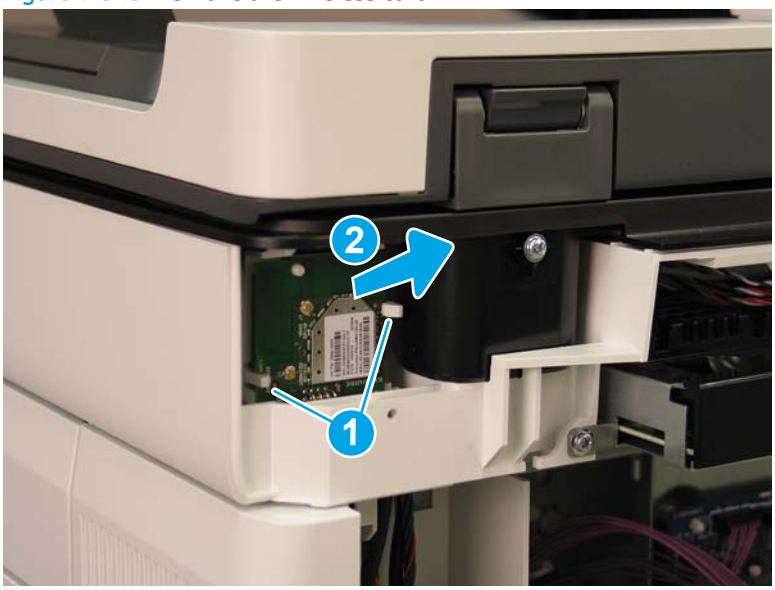
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

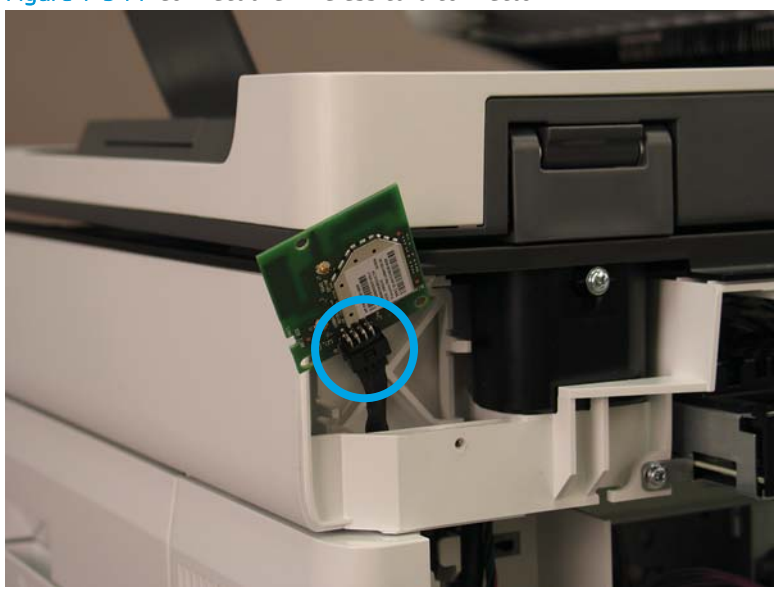
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-343 Remove the wireless card



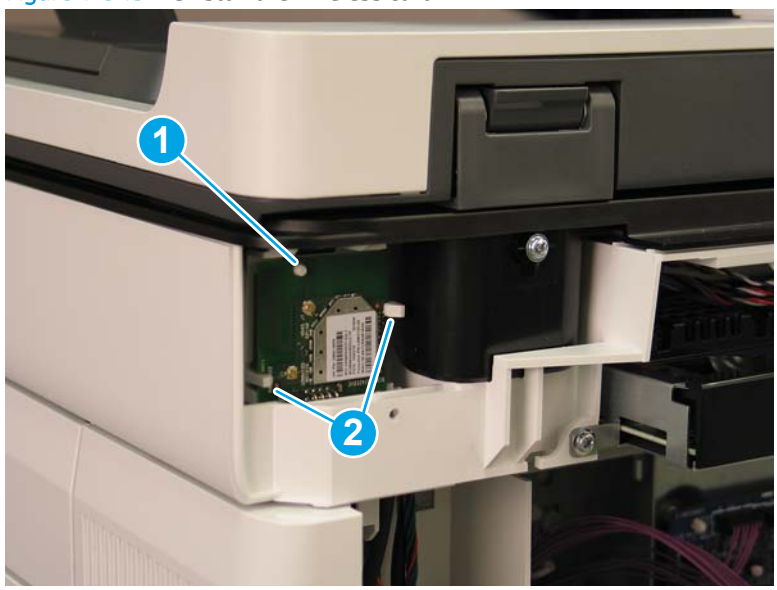
ii. Connect the cable to the wireless card (callout 1).

Figure 1-344 Connect the wireless card connector



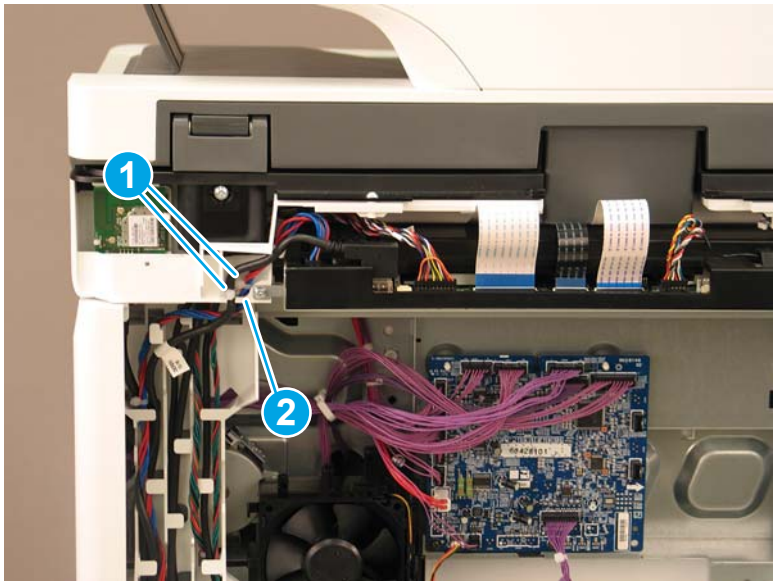
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-345 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

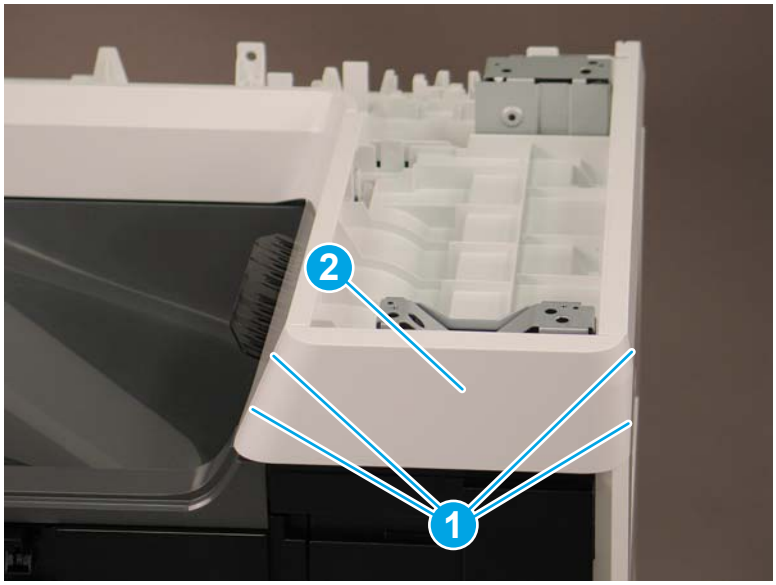
Figure 1-346 Install the SCB cables



Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-347 Remove the face-down front cover



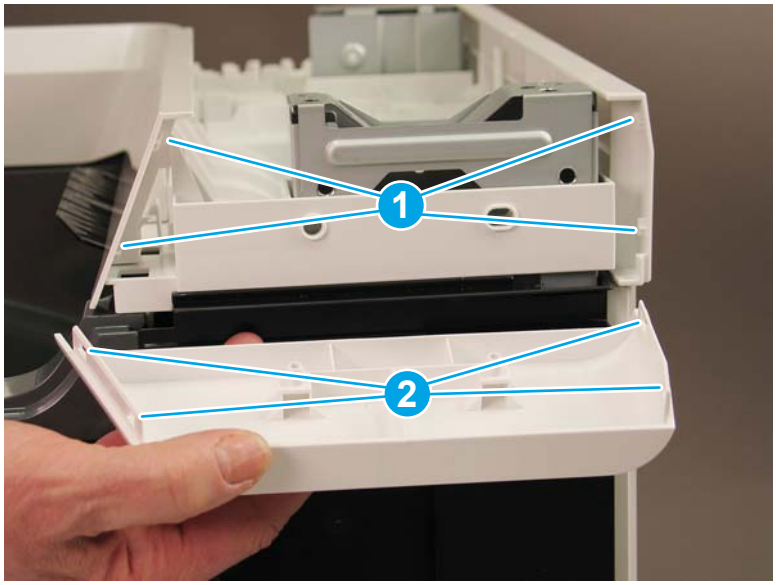
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-348 Install the cover

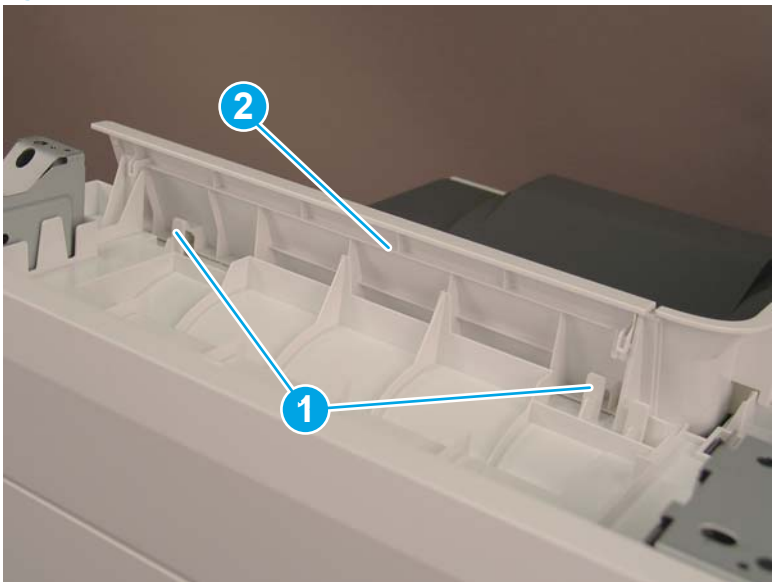


Step 5: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-349 Remove the top cover



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Introduction
- Step 1: Remove the keyboard (Flow M681z/Flow M682z/Flow E67660z)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 5: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right cover (M681dn/M681/M682dn/Flow M681f/E67650dh) part number	
RC5-1843-000CN	Right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the keyboard (Flow M681z/Flow M682z/Flow E67660z)

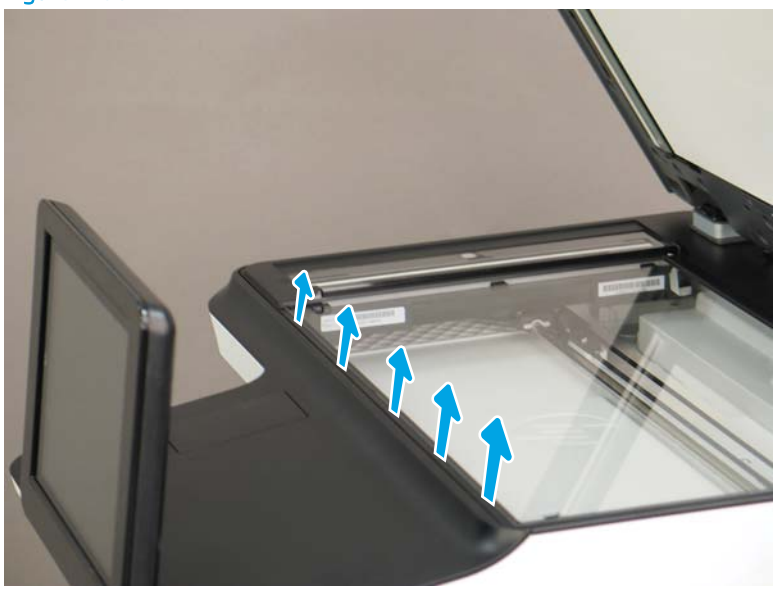
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

   Figure 1-350 Tilt the control panel and open the document feeder

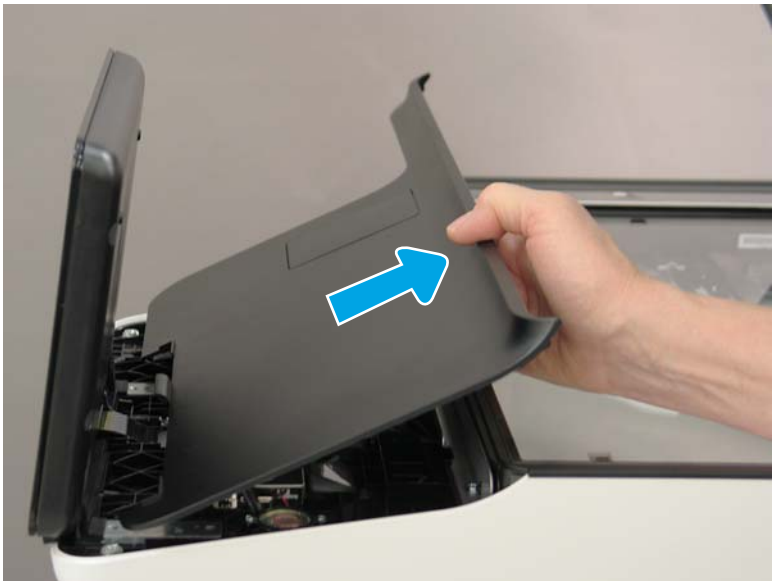
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

   Figure 1-351 Release fiv tabs

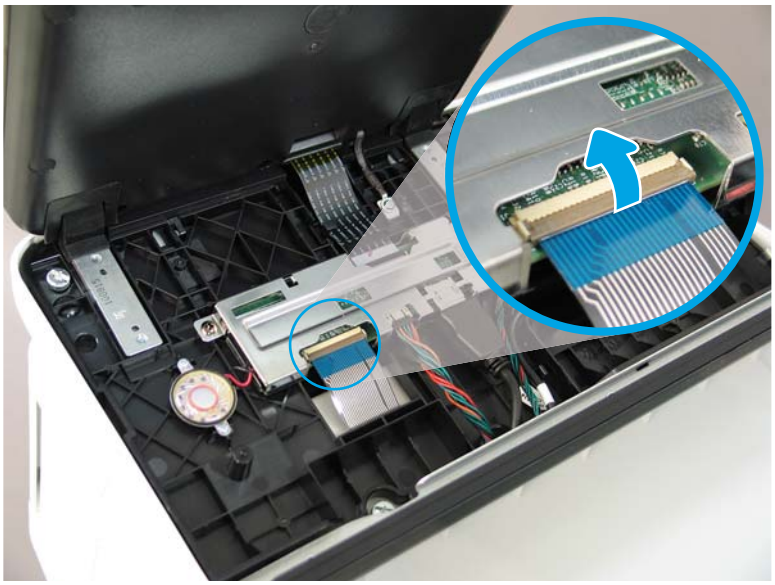
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-352 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-353 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-354 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-355 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-356 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

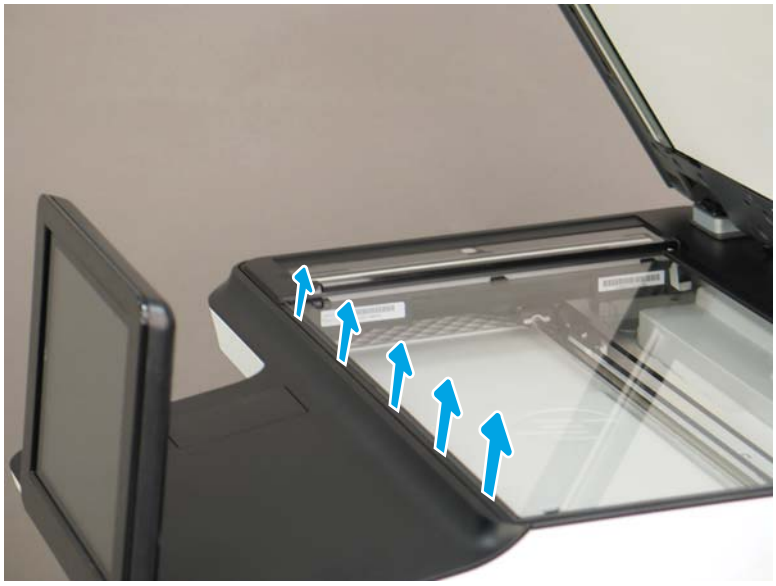
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-357 Tilt the control panel forward and open the document feeder



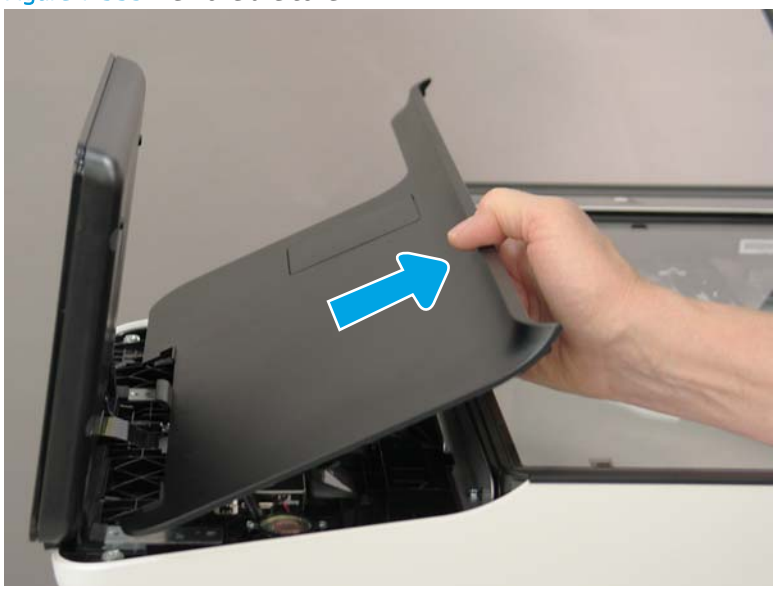
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-358 Release fiv tabs



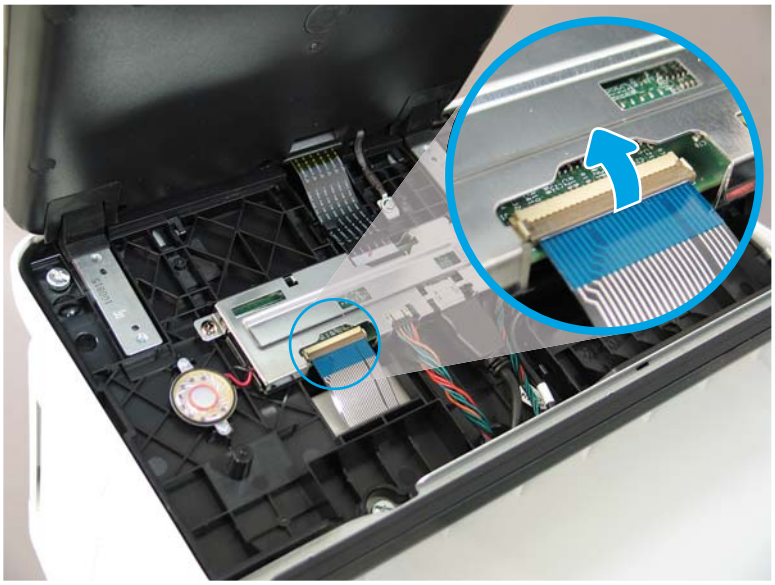
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-359 Remove the cover



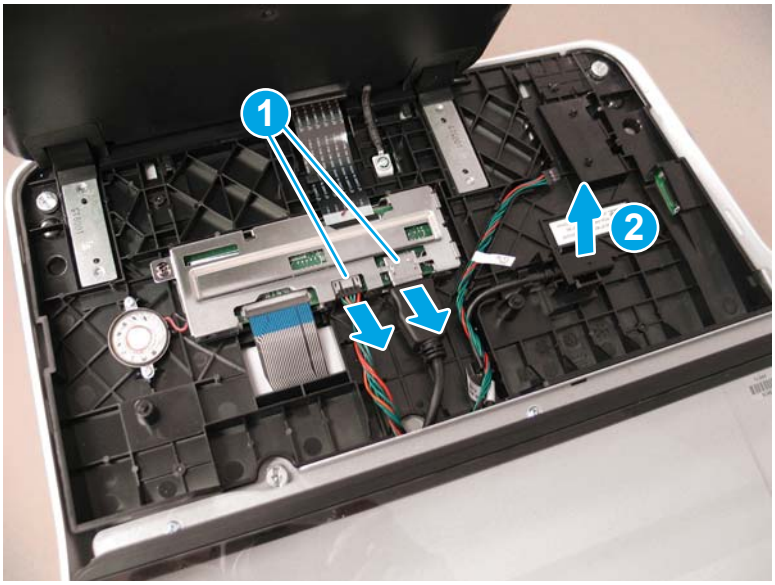
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-360 Disconnect the keyboard fla cable (keyboard models only)



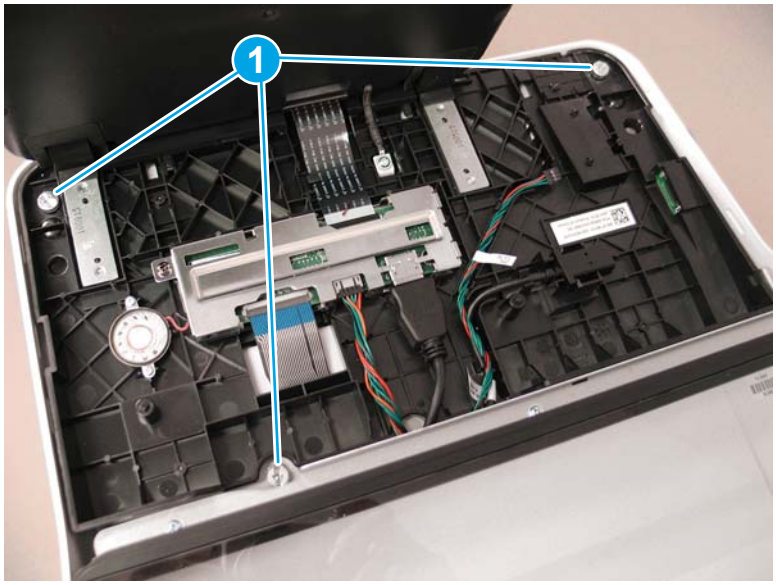
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-361 Disconnect connectors



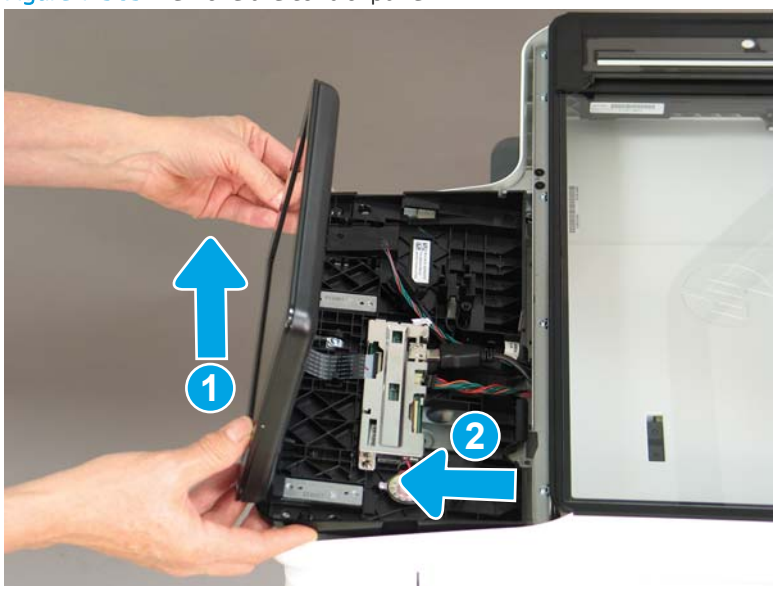
6. Remove three thumbscrews (callout 1).

Figure 1-362 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

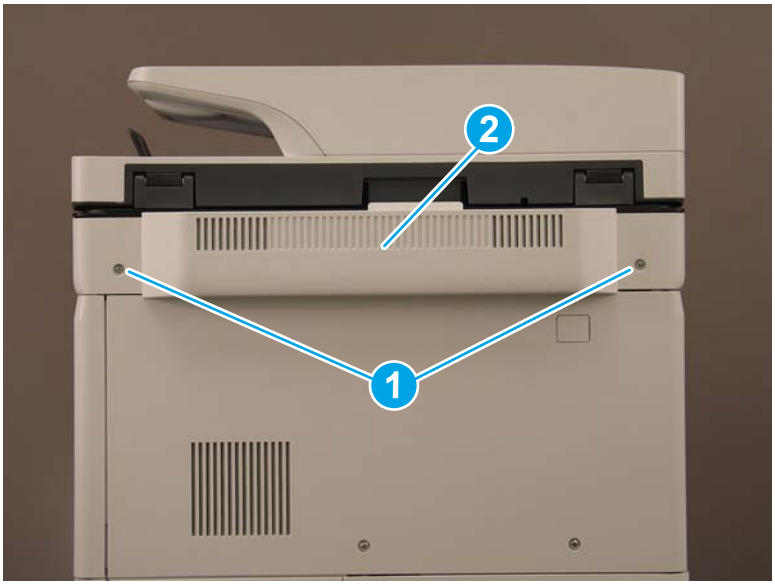
Figure 1-363 Remove the control panel



Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

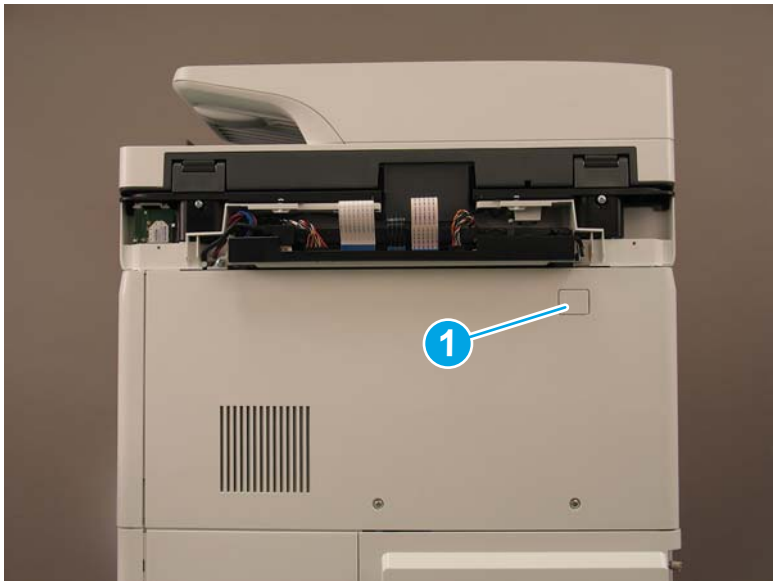
Figure 1-364 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

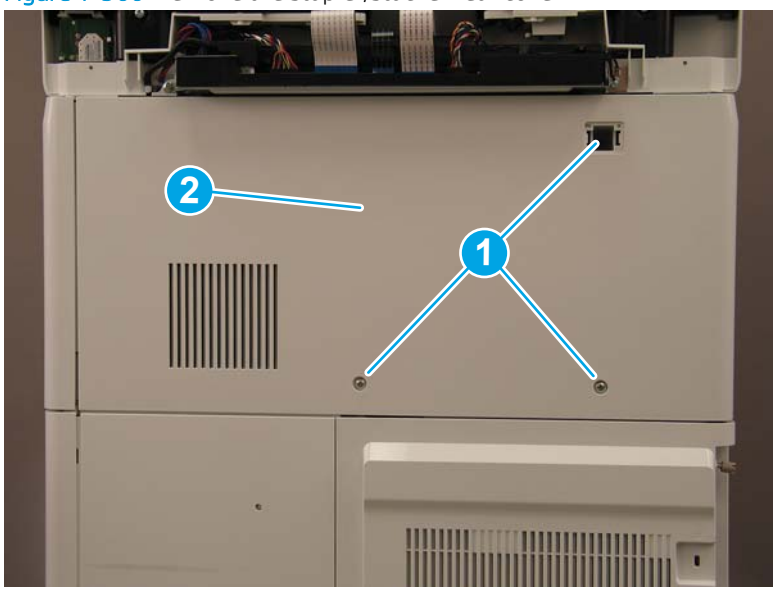
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-365 Remove the small cover



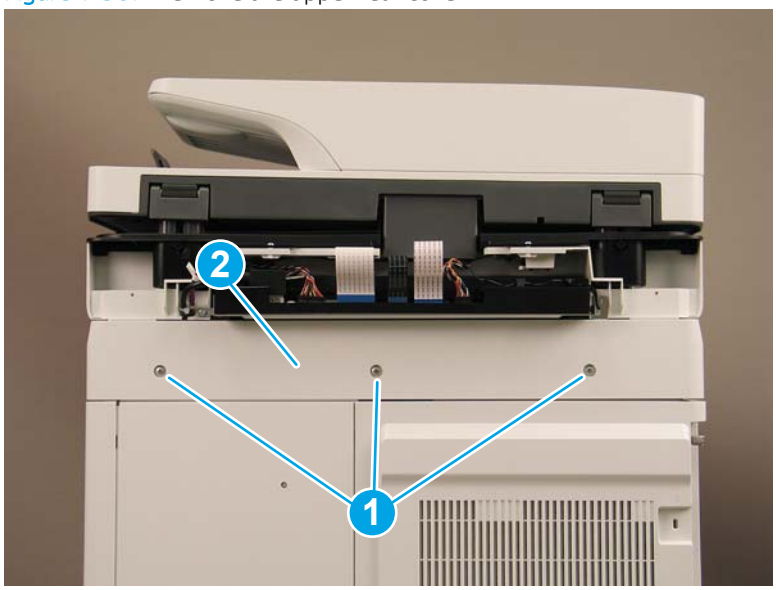
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-366 Remove the stapler/stacker rear cover



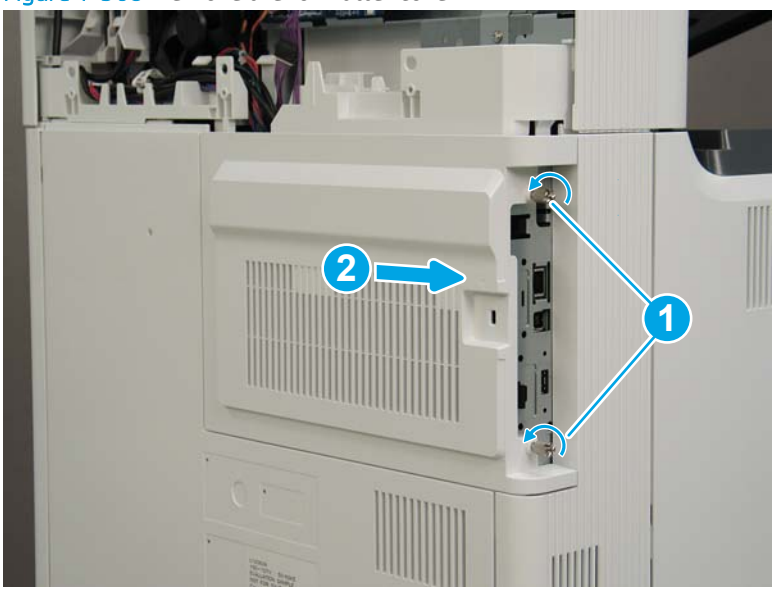
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-367 Remove the upper rear cover



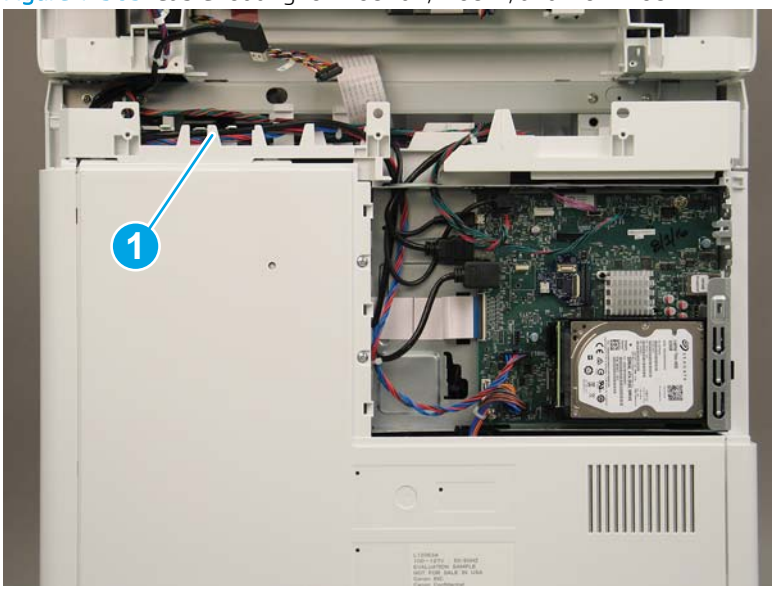
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-368 Remove the formatter cover



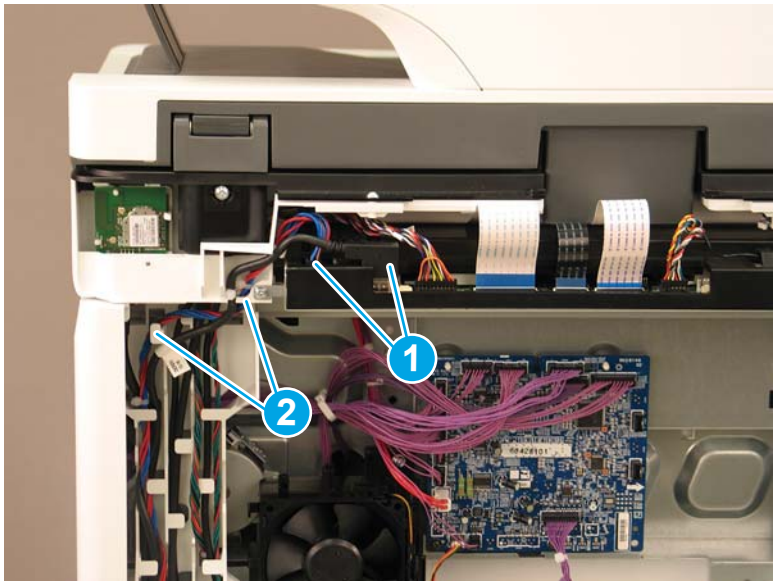
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-369 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-370 Disconnect two connectors



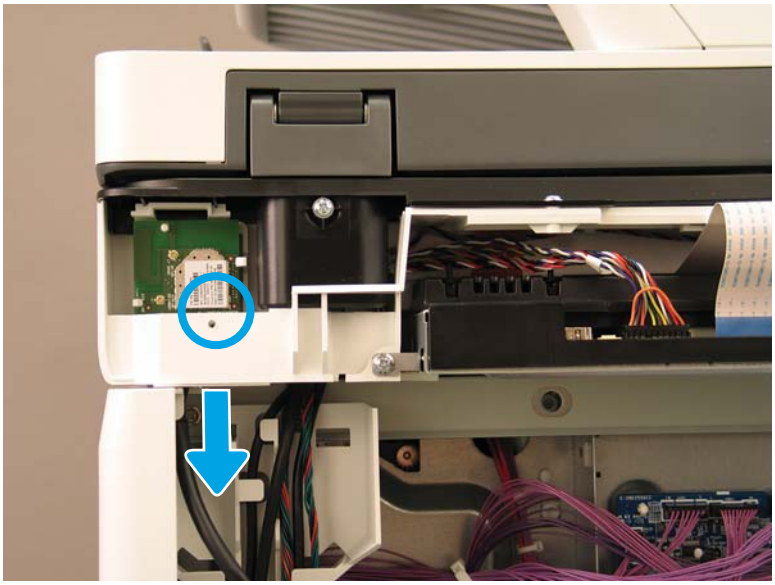
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-371 Disconnect fiv connectors



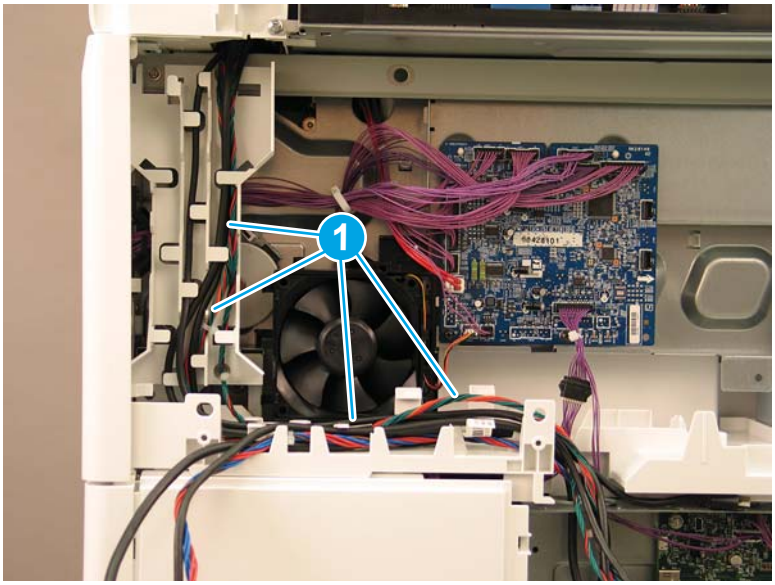
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-372 Disconnect the wireless connector



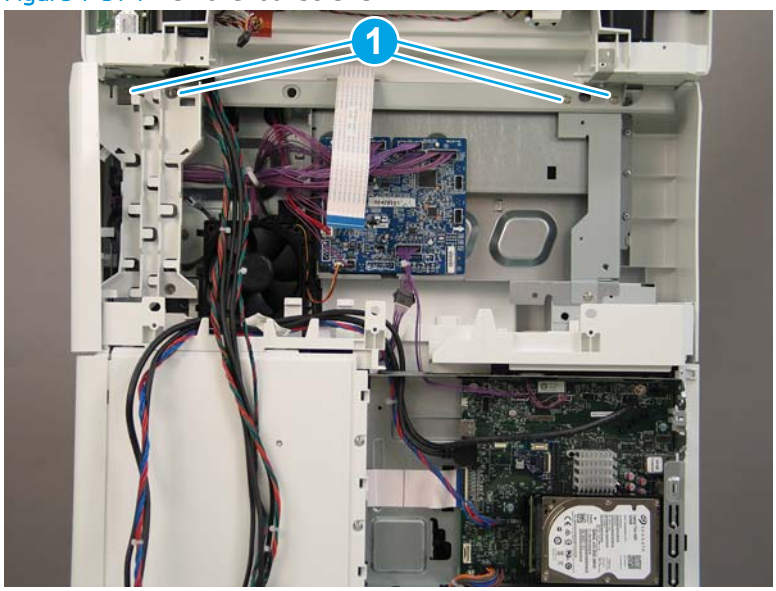
9. Release all of the cables from the cable guides (callout 1).

Figure 1-373 Release the cables



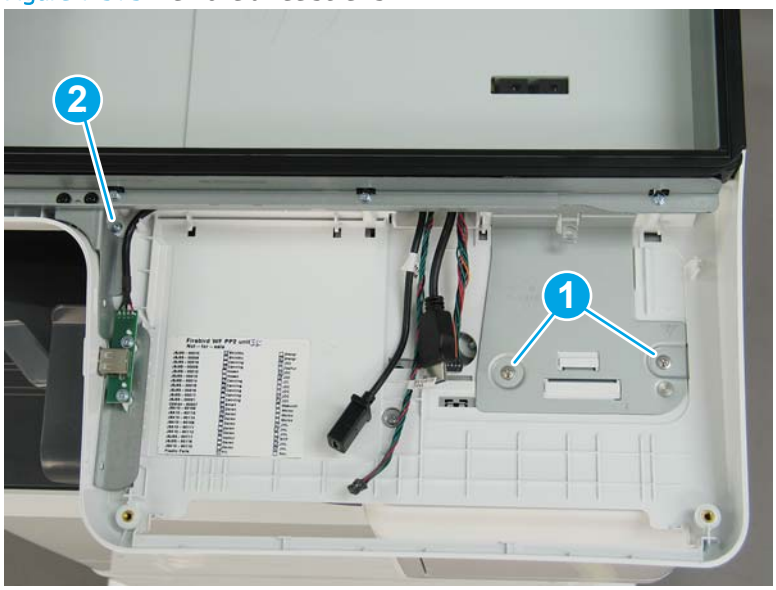
10. At the back of the printer, remove four screws (callout 1).

Figure 1-374 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-375 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-376 Remove the document feeder and image scanner



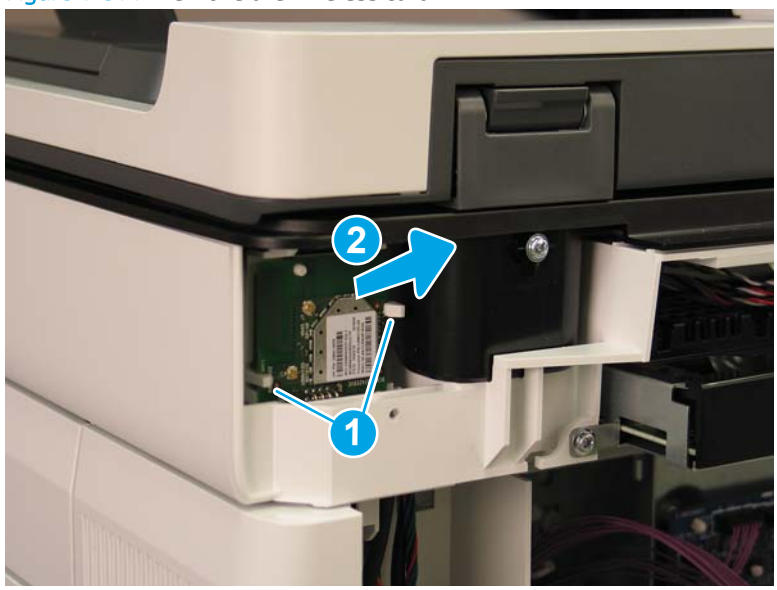
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-377 Remove the wireless card



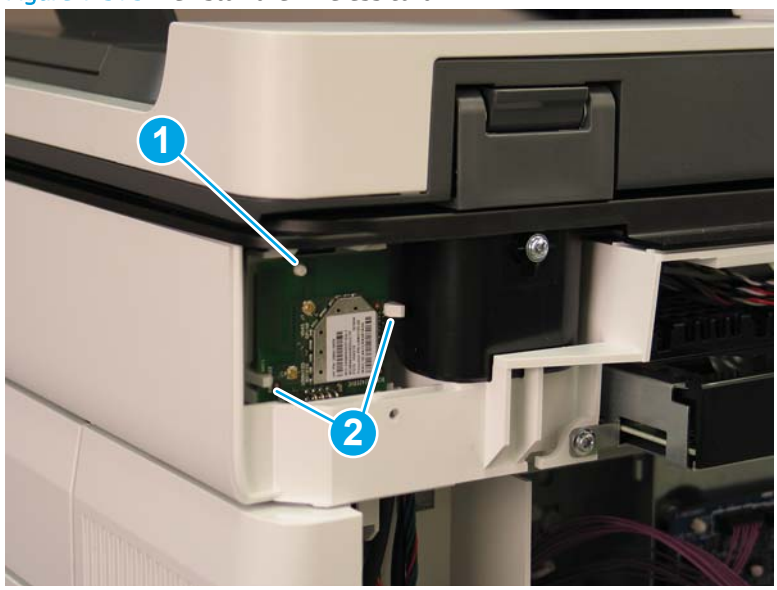
ii. Connect the cable to the wireless card (callout 1).

Figure 1-378 Connect the wireless card connector



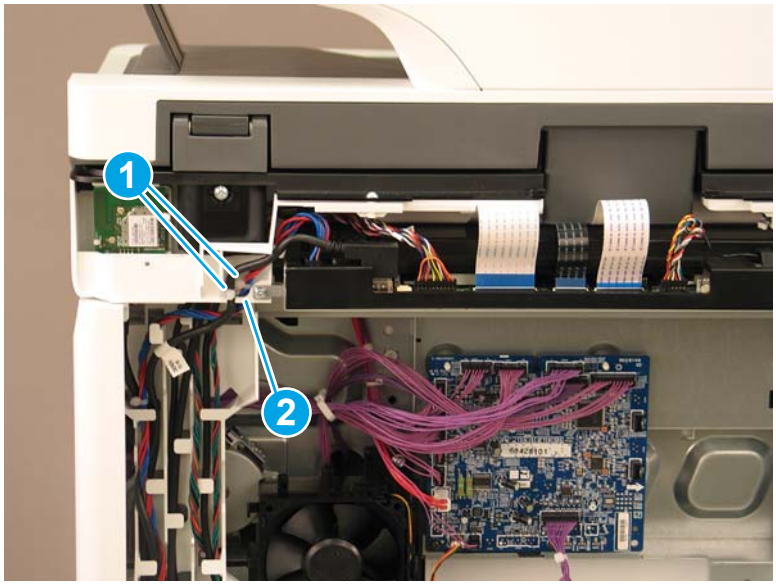
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-379 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

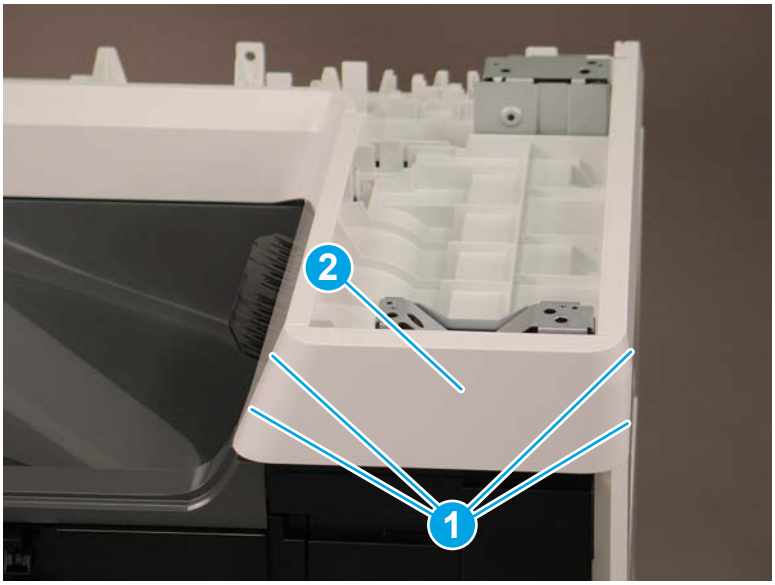
Figure 1-380 Install the SCB cables



Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-381 Remove the face-down front cover



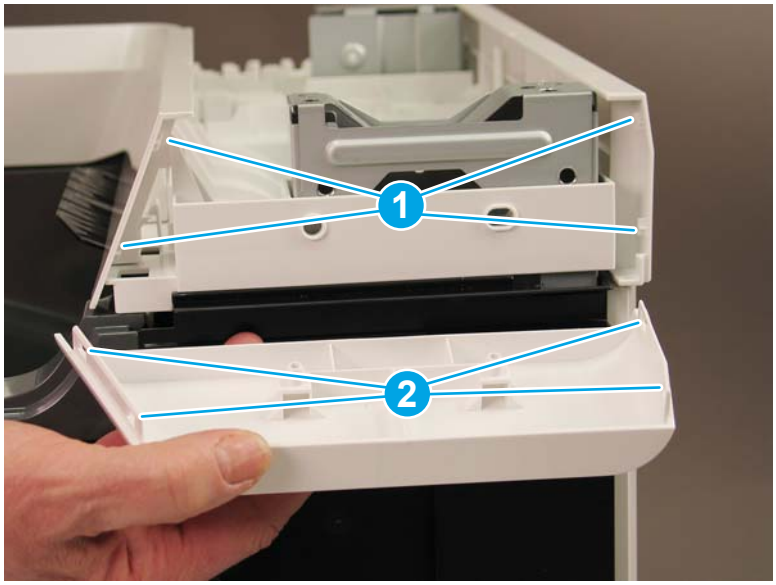
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-382 Install the cover

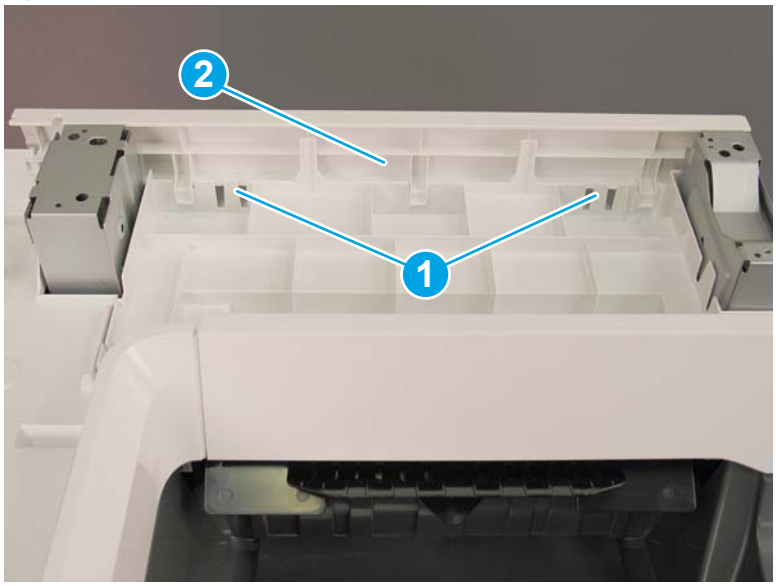


Step 5: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-383 Remove the right cover



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Introduction
- Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660z)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 5: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6 Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7 Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the top front cover (M681dn/M681/M682dn/ Flow M681f/E67650dh).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Top front cover (M681dn/M681/M682dn/Flow M681f/E67650dh) part number	
RC4-6860-000CN	Front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660z)

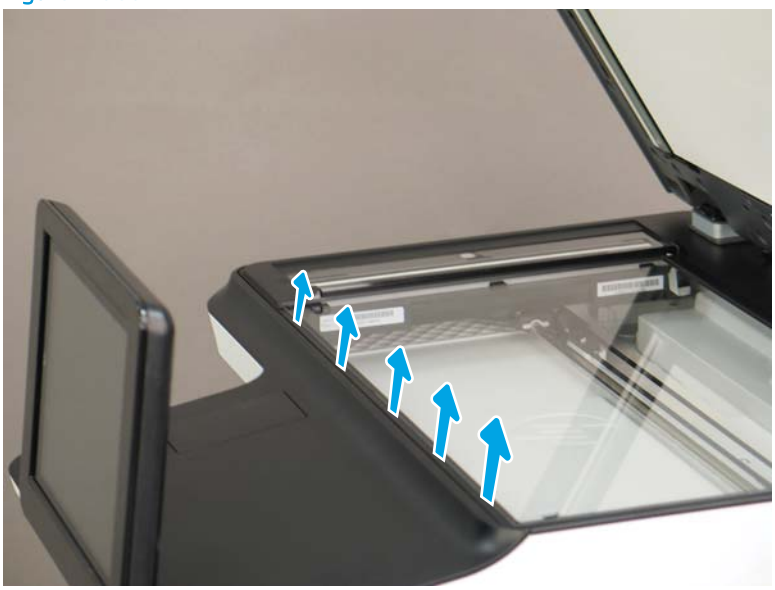
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-384 Tilt the control panel and open the document feeder



2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-385 Release fiv tabs



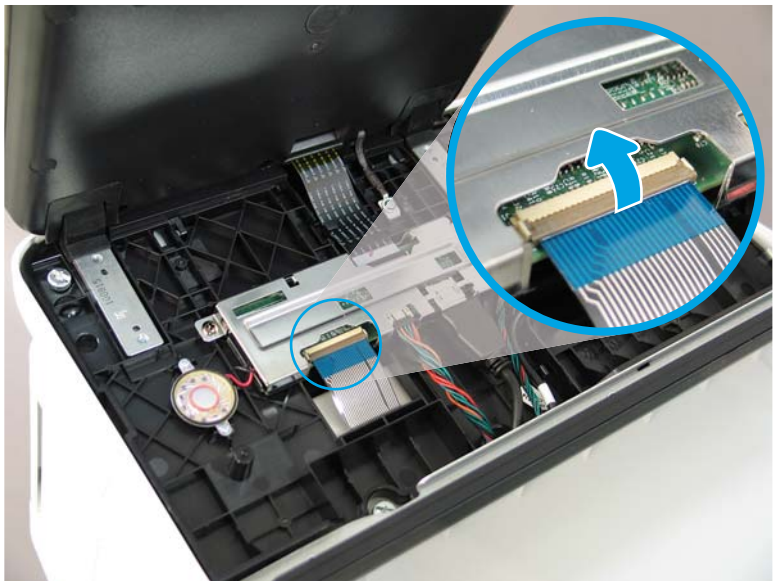
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-386 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-387 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-388 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-389 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-390 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

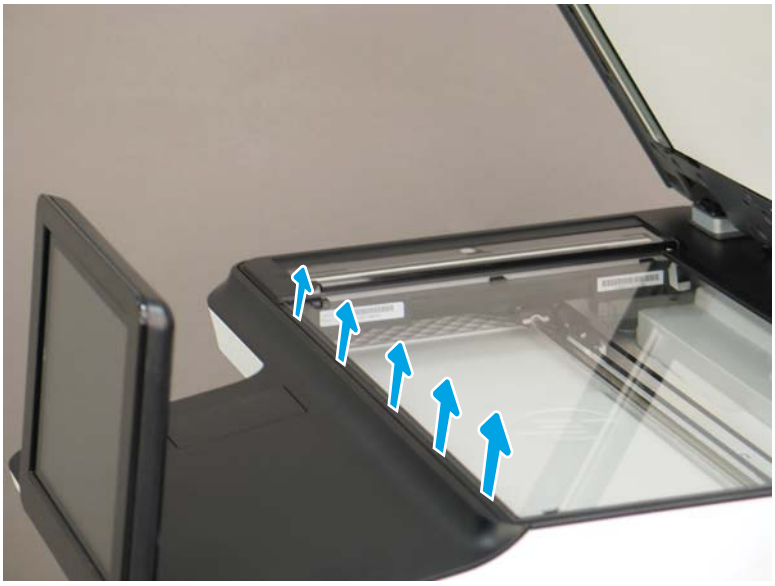
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-391 Tilt the control panel forward and open the document feeder



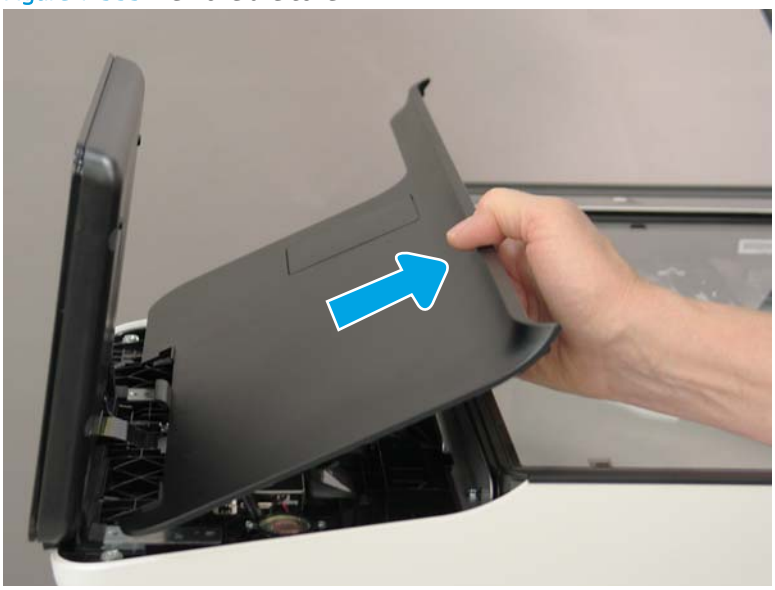
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-392 Release fiv tabs



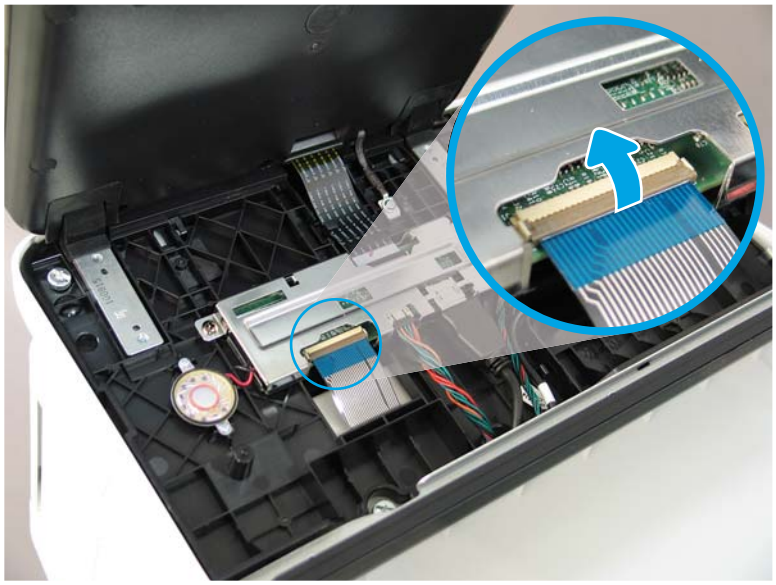
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-393 Remove the cover



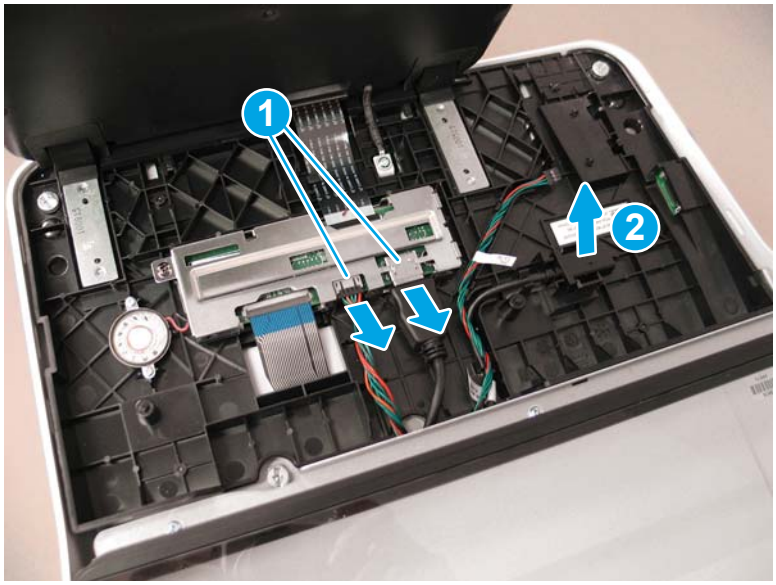
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-394 Disconnect the keyboard fla cable (keyboard models only)



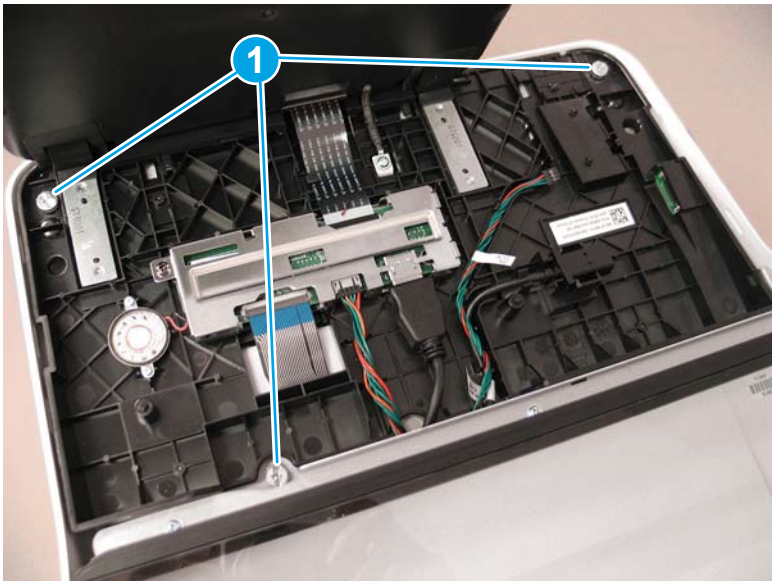
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-395 Disconnect connectors



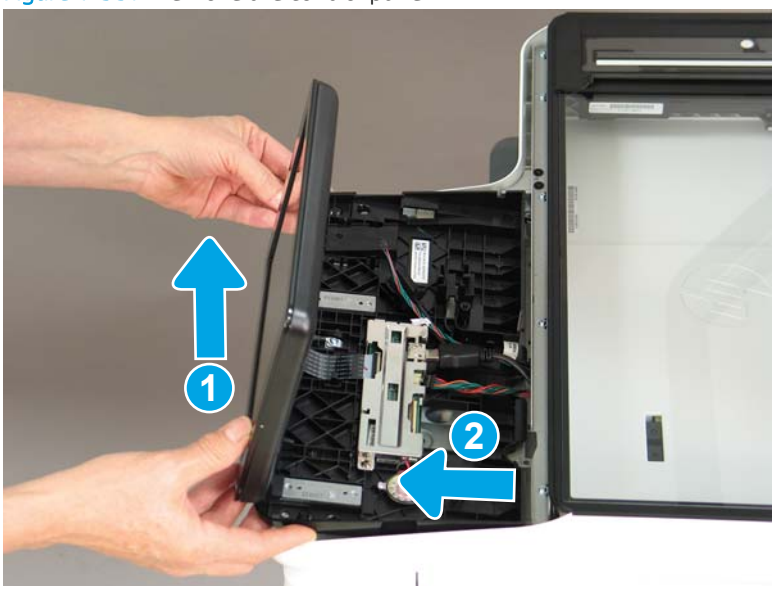
6. Remove three thumbscrews (callout 1).

Figure 1-396 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

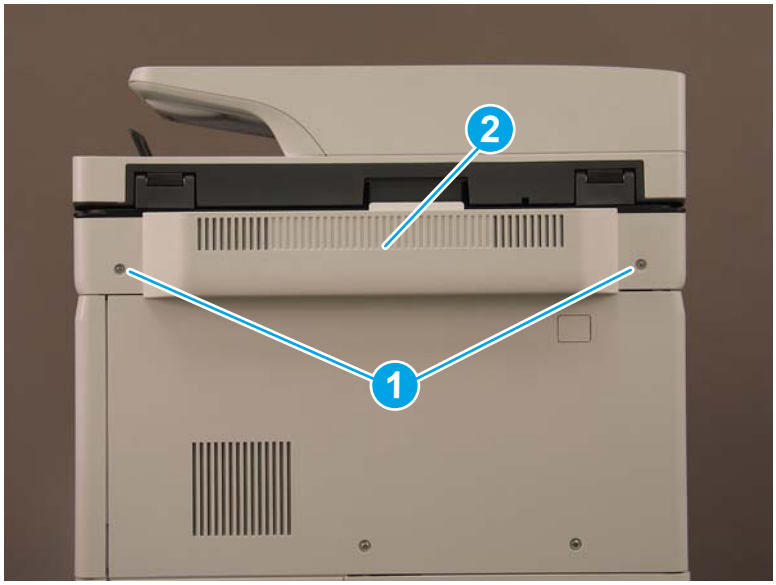
Figure 1-397 Remove the control panel



Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

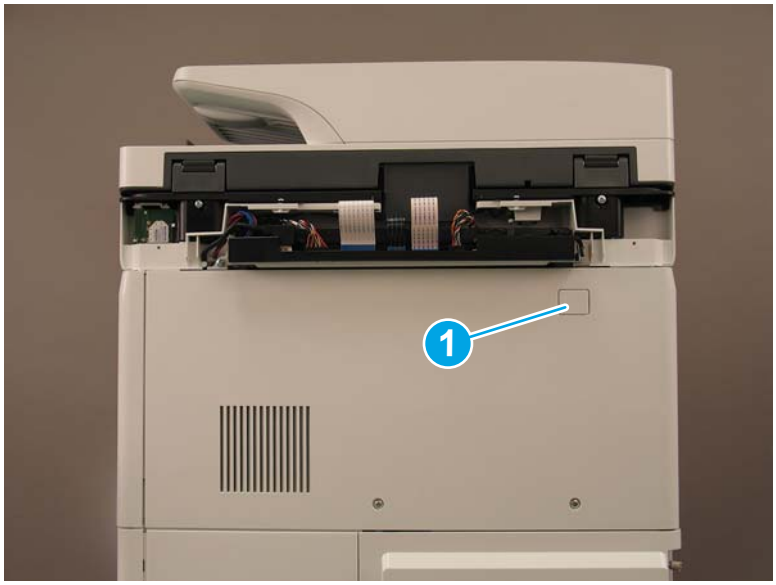
Figure 1-398 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

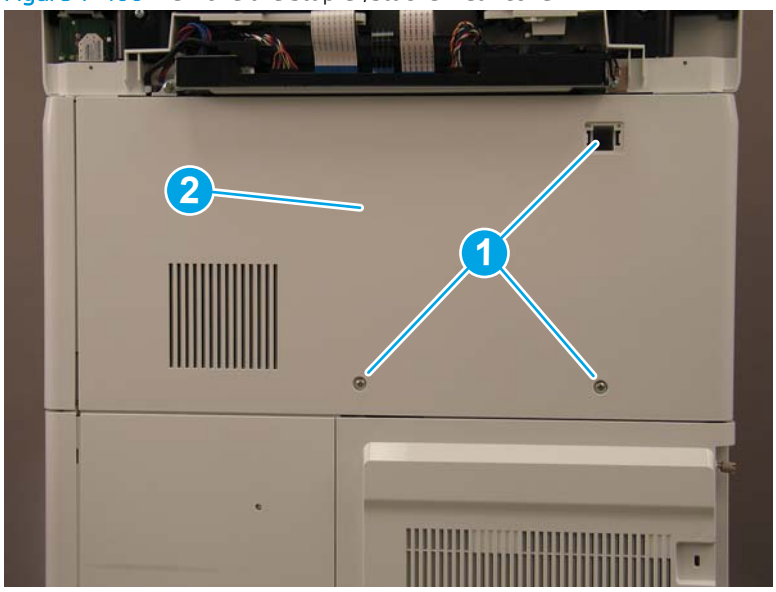
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-399 Remove the small cover



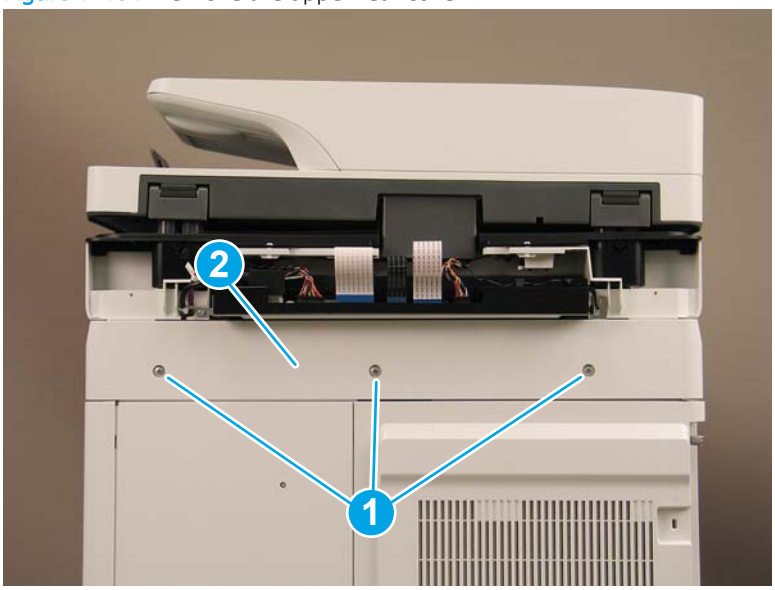
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-400 Remove the stapler/stacker rear cover



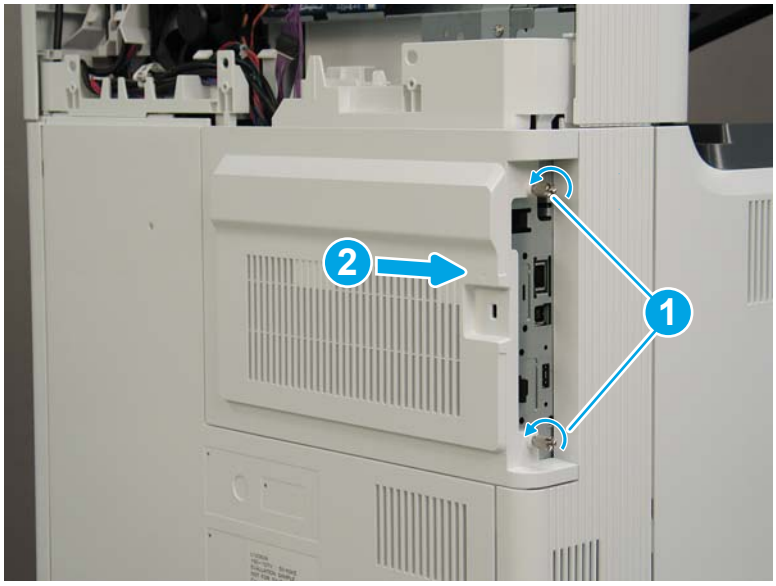
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-401 Remove the upper rear cover



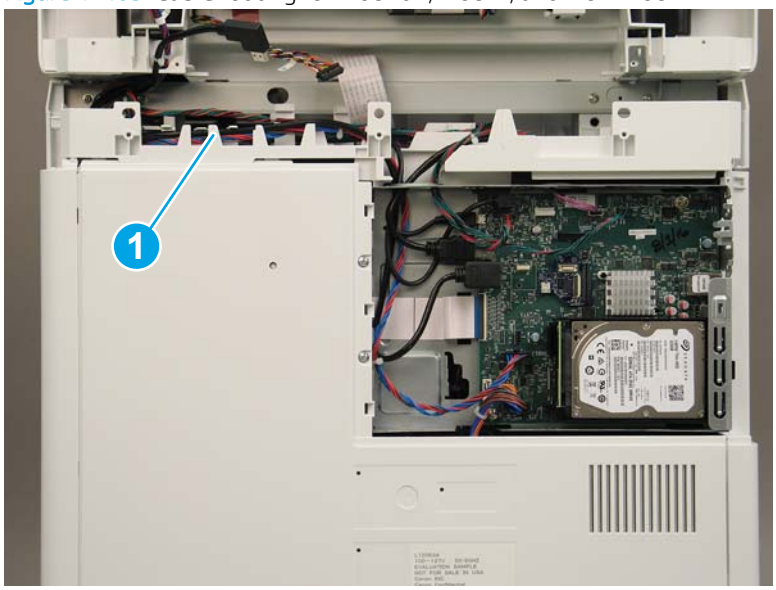
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-402 Remove the formatter cover



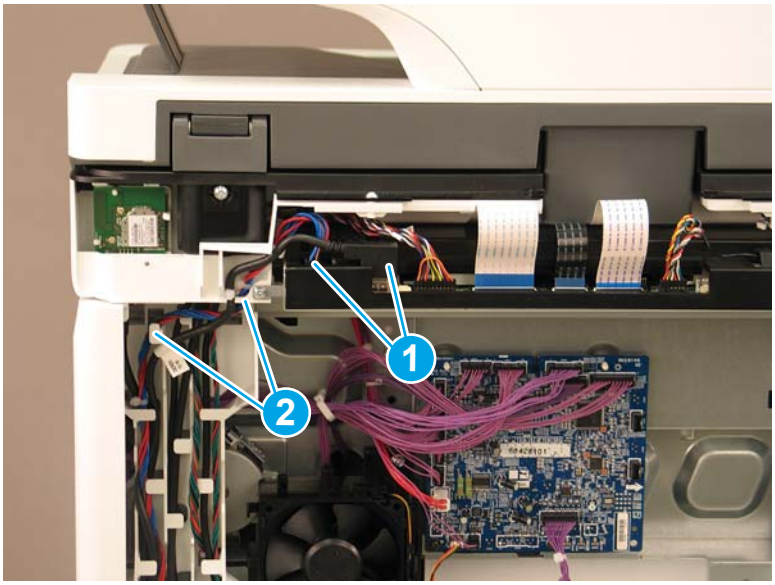
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-403 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-404 Disconnect two connectors



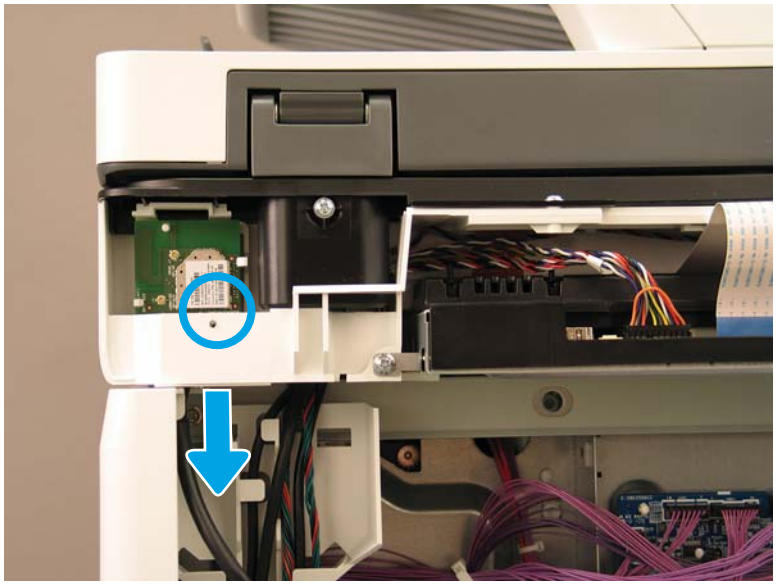
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-405 Disconnect fiv connectors



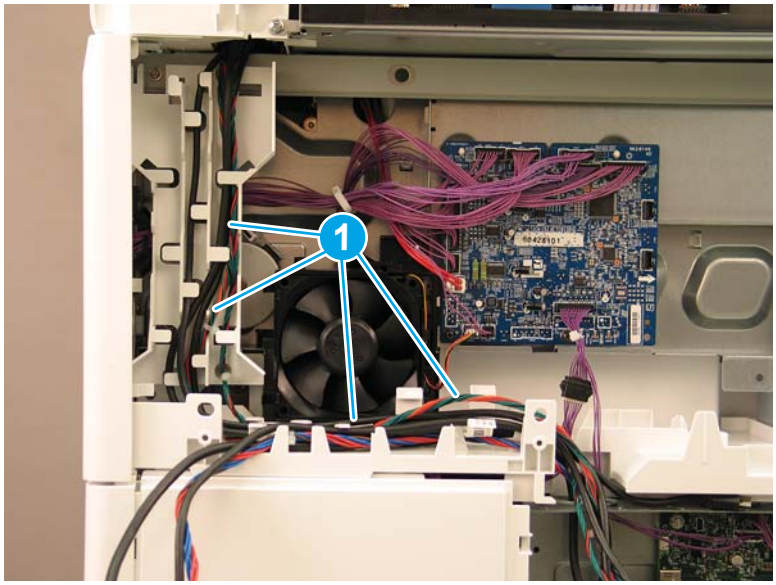
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-406 Disconnect the wireless connector



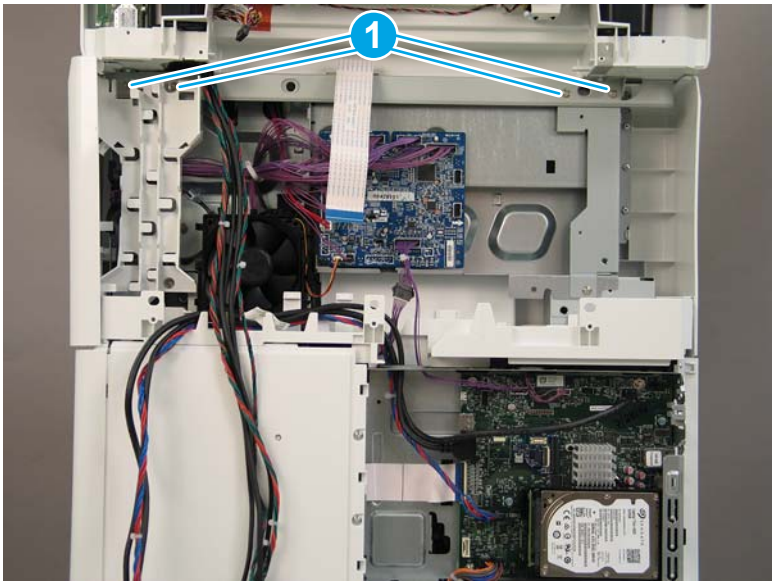
9. Release all of the cables from the cable guides (callout 1).

Figure 1-407 Release the cables



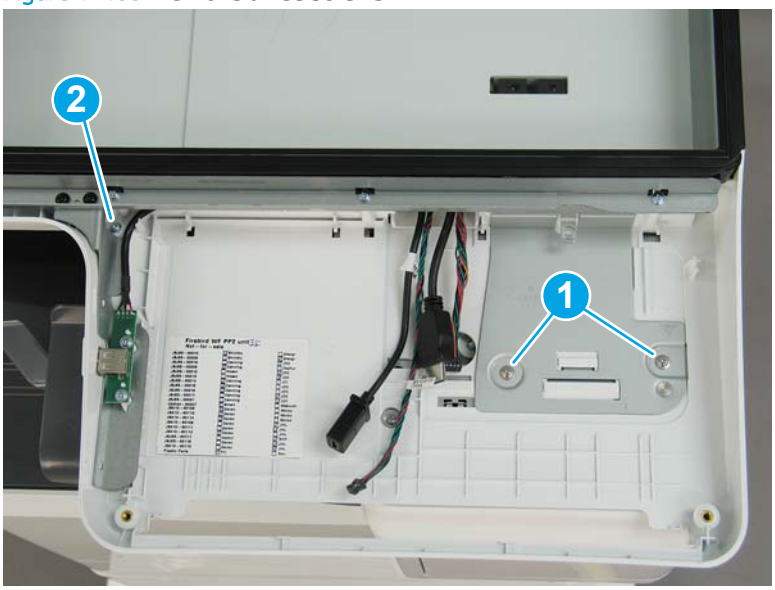
10. At the back of the printer, remove four screws (callout 1).

Figure 1-408 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-409 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-410 Remove the document feeder and image scanner



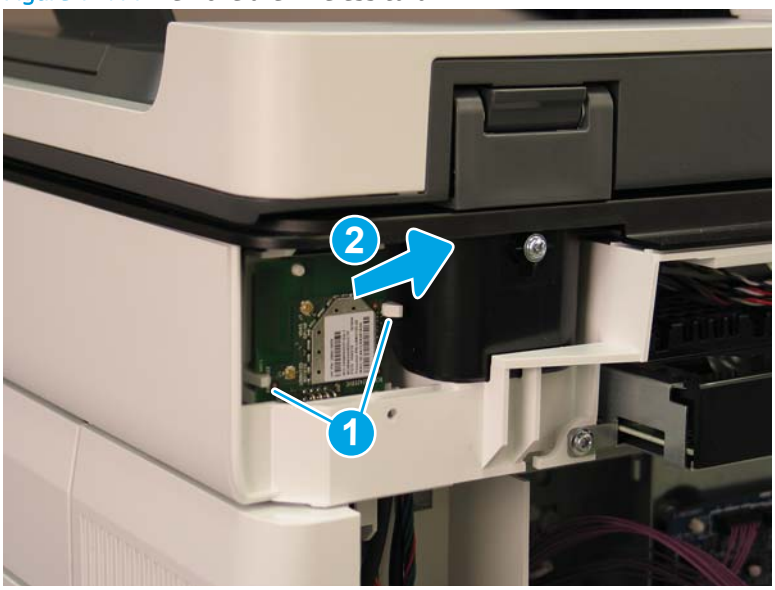
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-411 Remove the wireless card



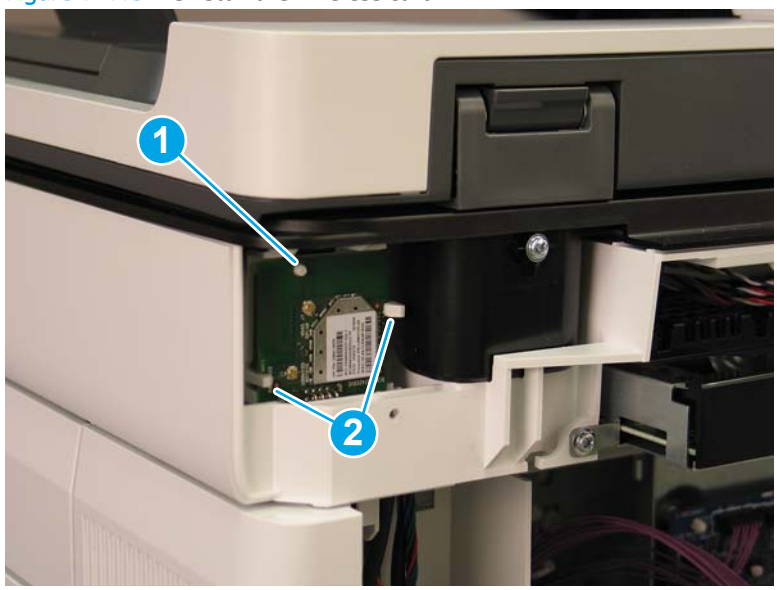
ii. Connect the cable to the wireless card (callout 1).

Figure 1-412 Connect the wireless card connector



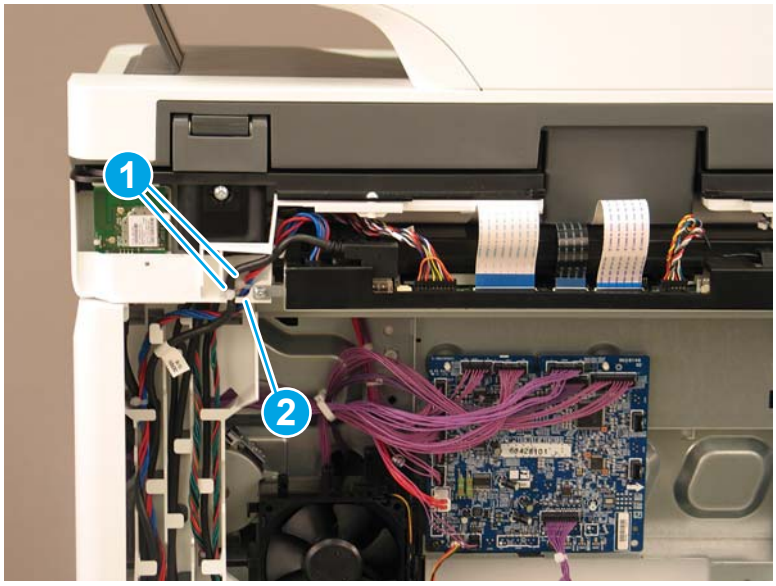
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-413 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

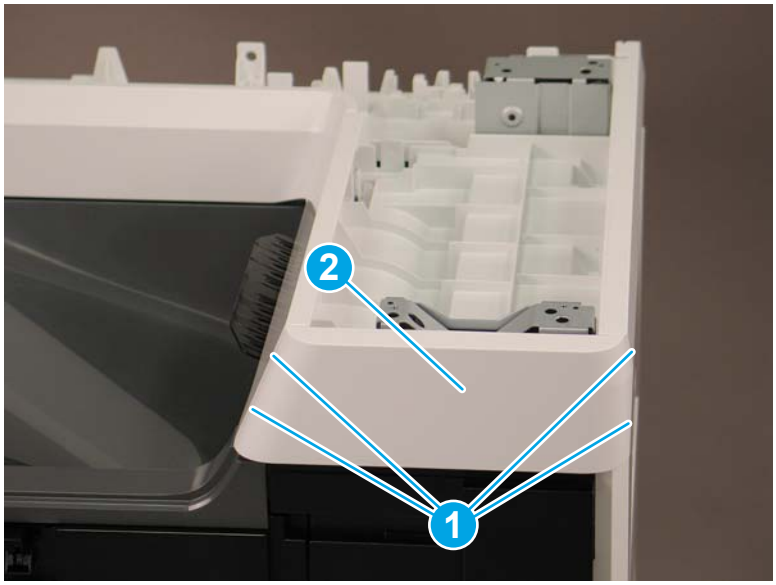
Figure 1-414 Install the SCB cables



Step 4: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-415 Remove the face-down front cover



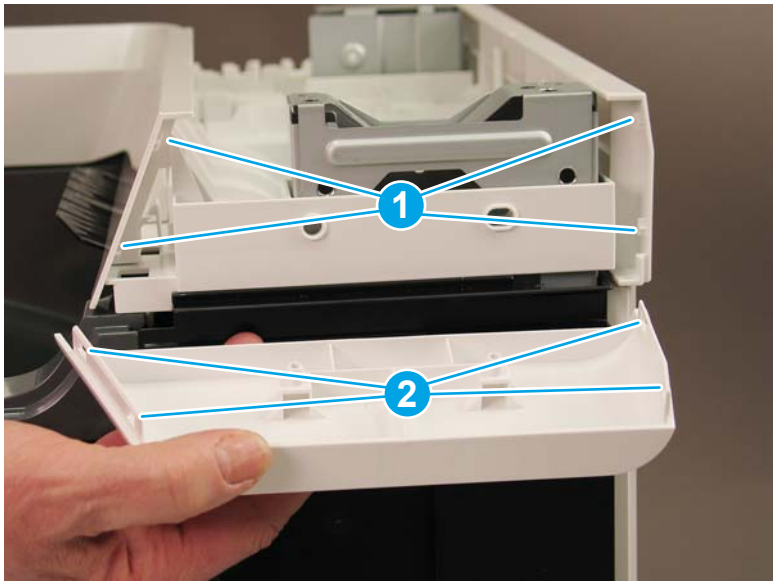
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

- When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-416 Install the cover

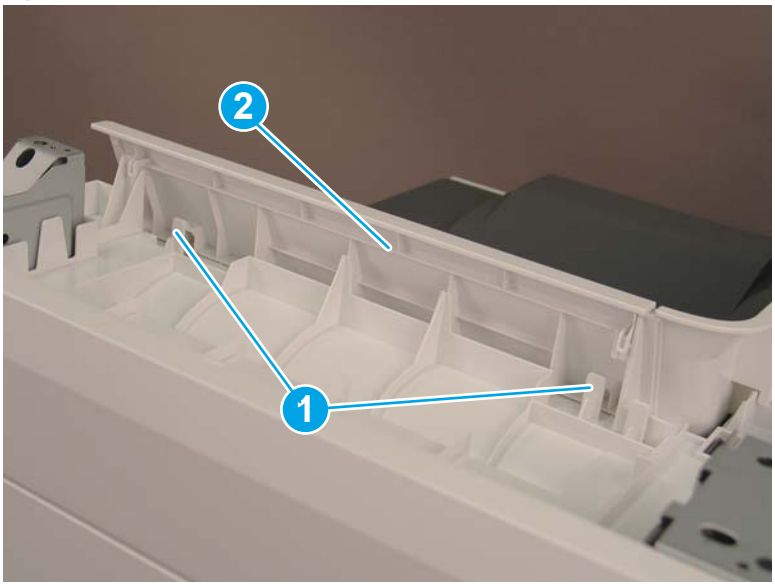


Step 5: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-417 Remove the top cover

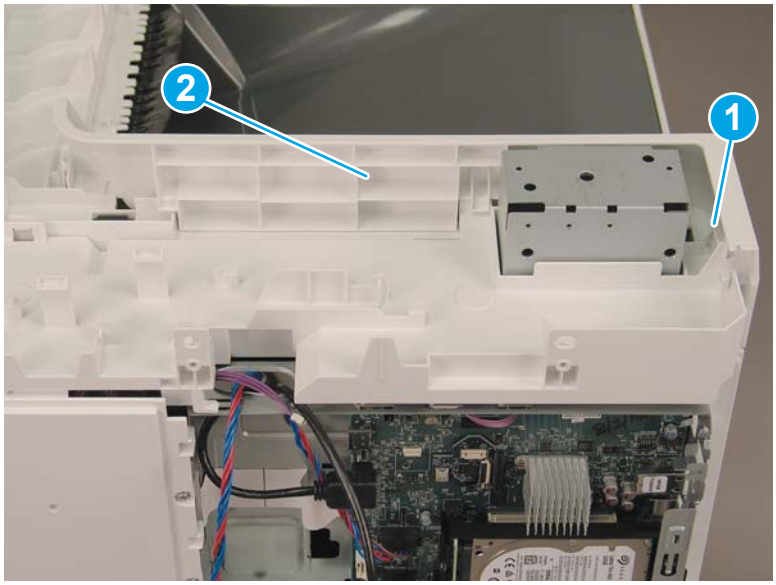


Step 6 Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-418 Remove the front cover



Step 7 Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Introduction
- Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the formatter cover
- Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the face-down cover (M681dn/M681/M682dn/ Flow M681f/E67650dh).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh) part number	
RC4-6860-000CN	Face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

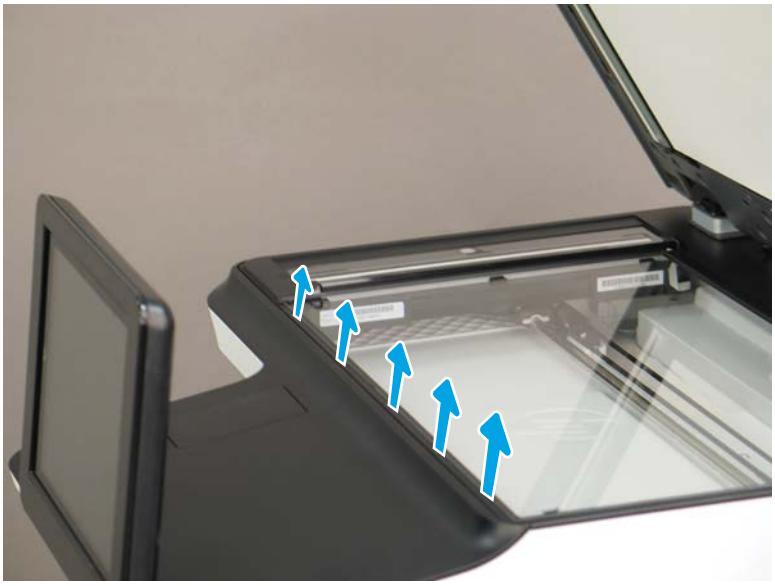
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

   Figure 1-419 Tilt the control panel and open the document feeder



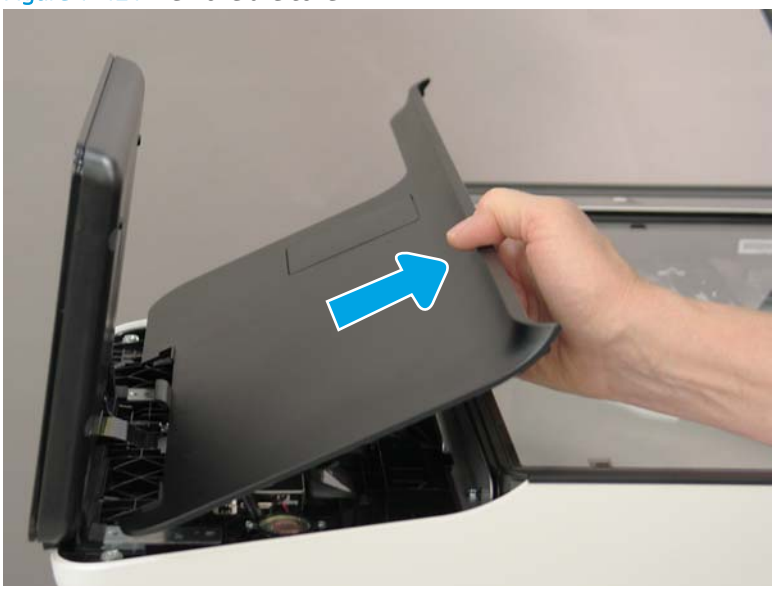
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-420 Release fiv tabs



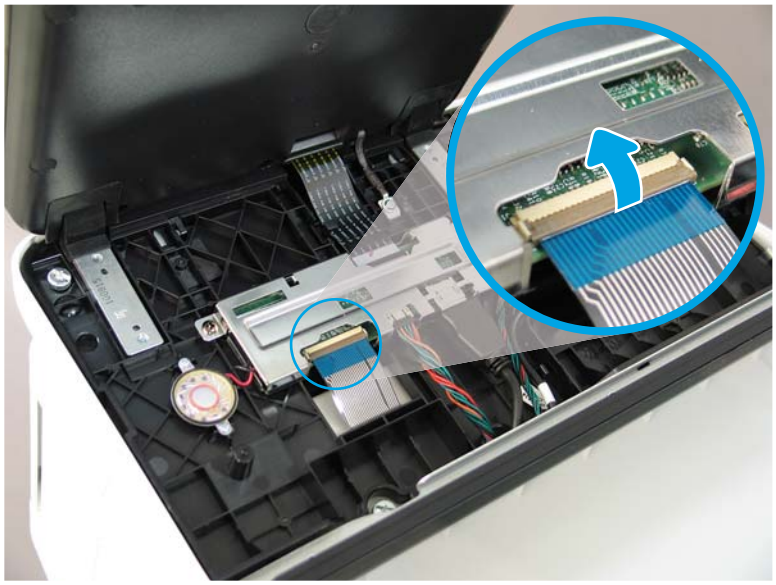
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-421 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-422 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-423 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-424 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-425 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

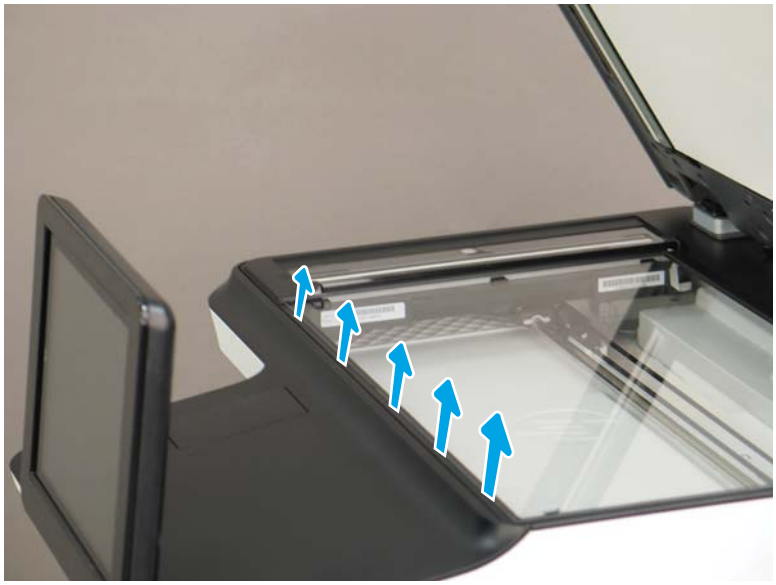
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-426 Tilt the control panel forward and open the document feeder



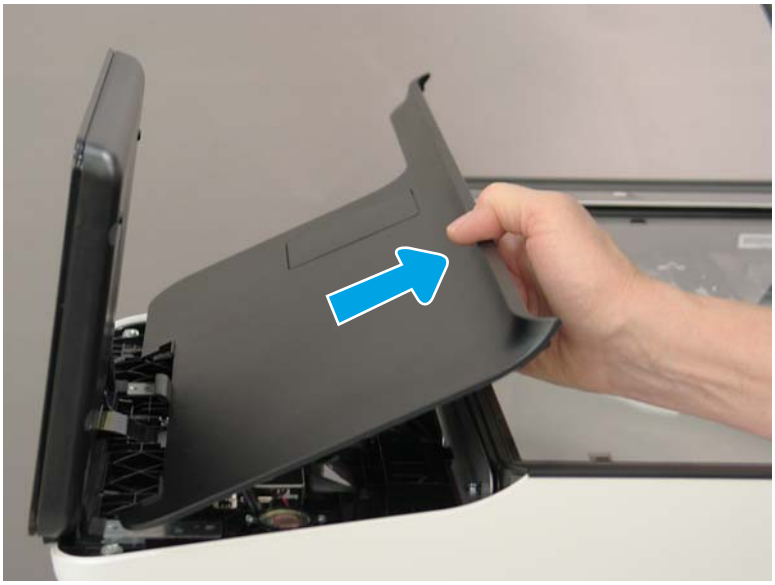
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-427 Release fiv tabs



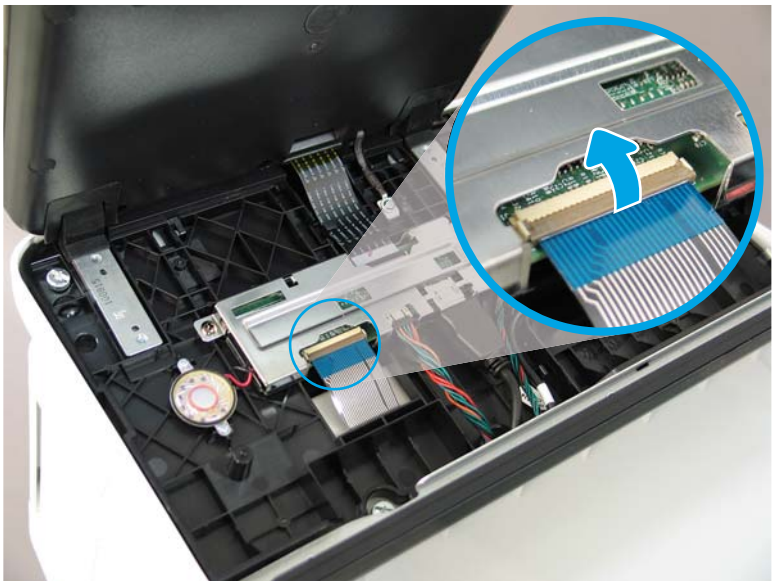
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-428 Remove the cover



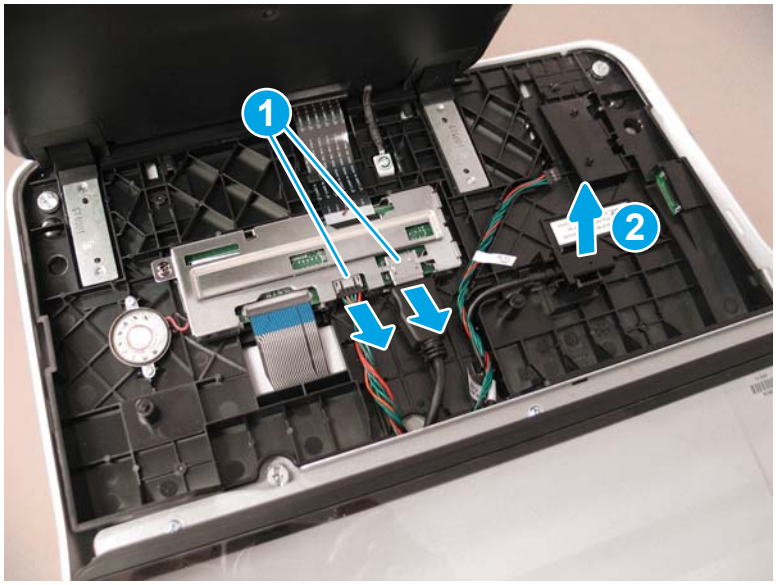
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-429 Disconnect the keyboard fla cable (keyboard models only)



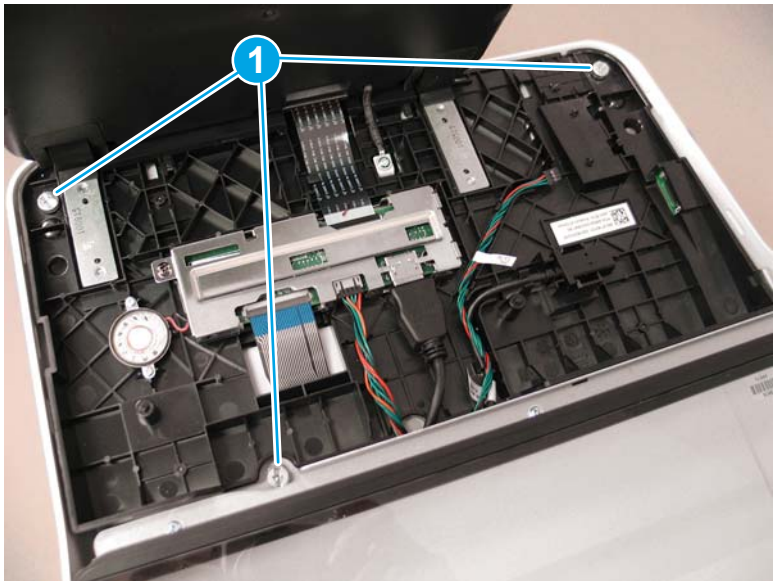
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-430 Disconnect connectors



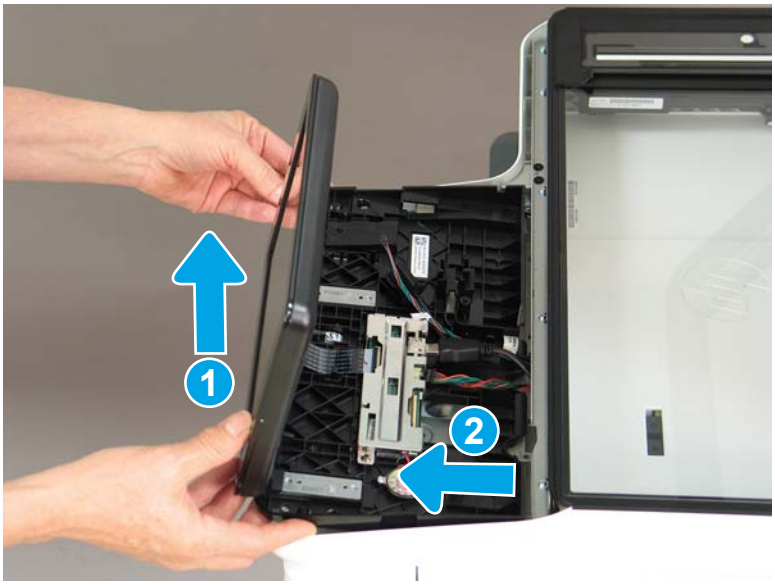
6. Remove three thumbscrews (callout 1).

Figure 1-431 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

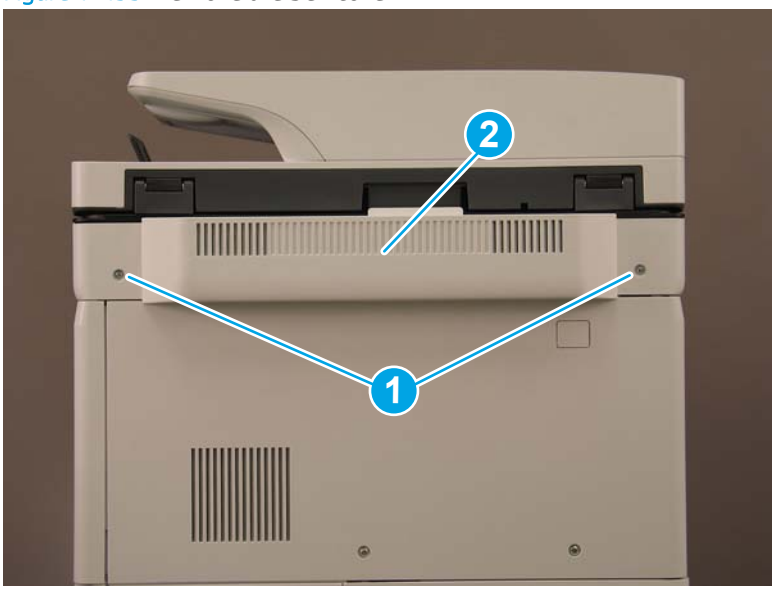
Figure 1-432 Remove the control panel



Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

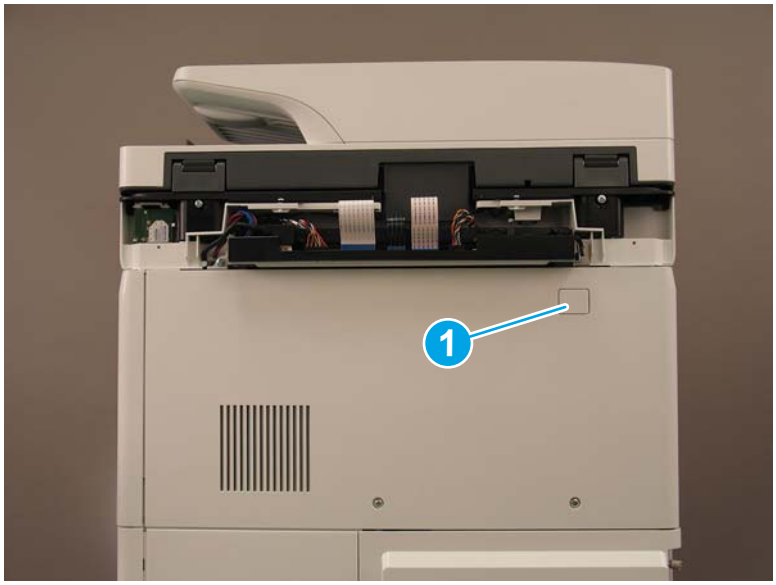
Figure 1-433 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

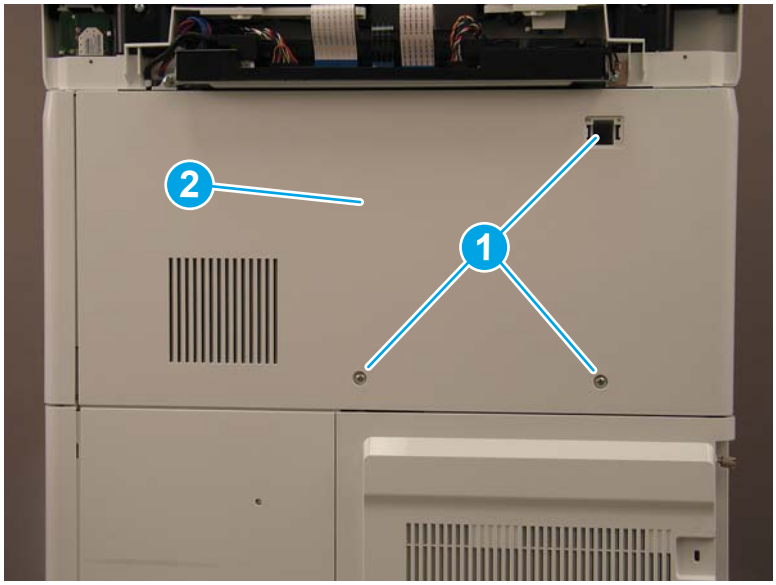
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-434 Remove the small cover



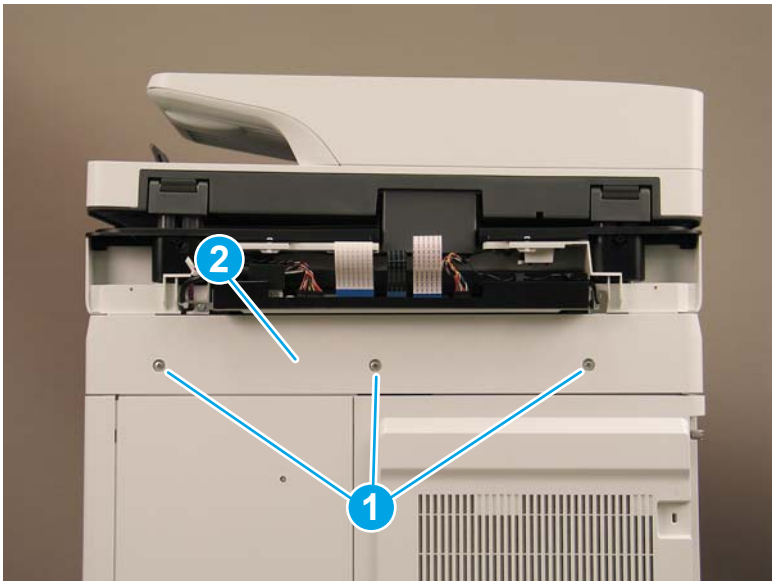
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-435 Remove the stapler/stacker rear cover



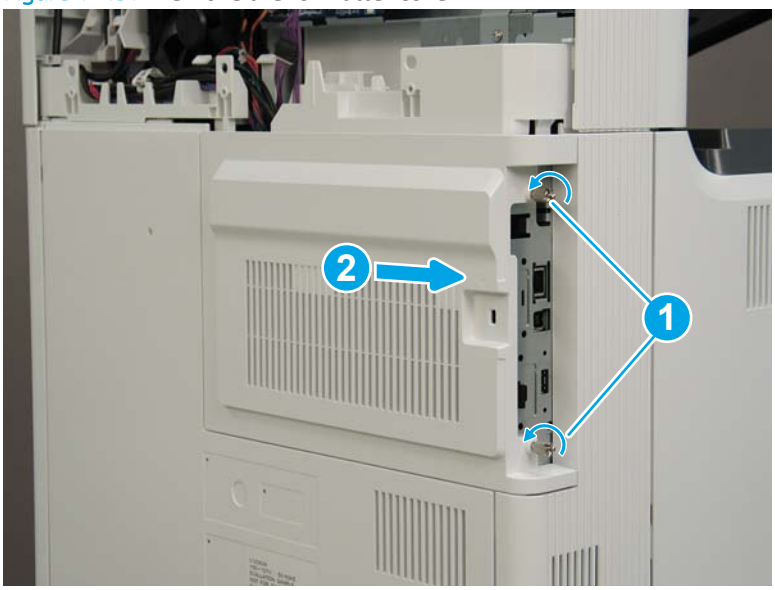
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-436 Remove the upper rear cover



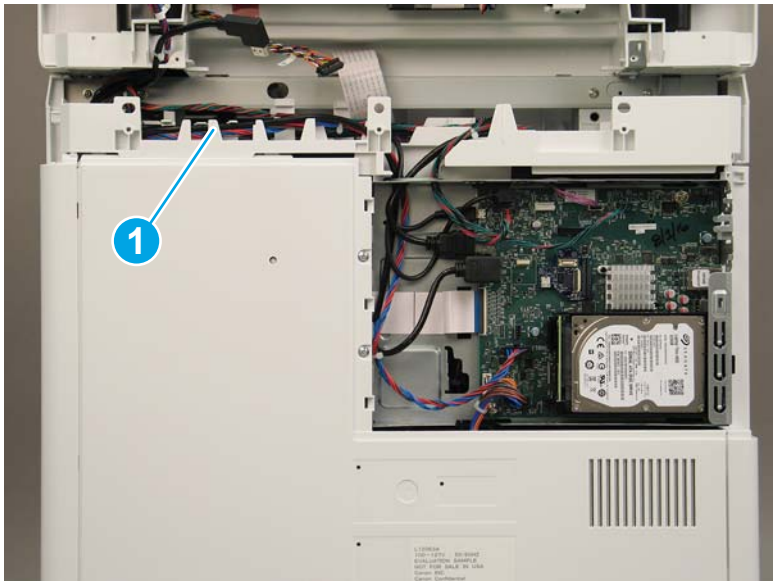
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-437 Remove the formatter cover



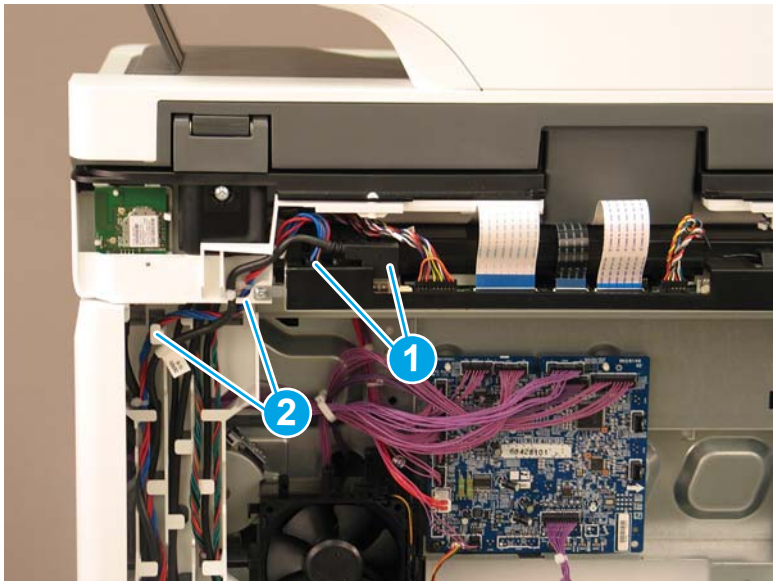
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-438 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-439 Disconnect two connectors



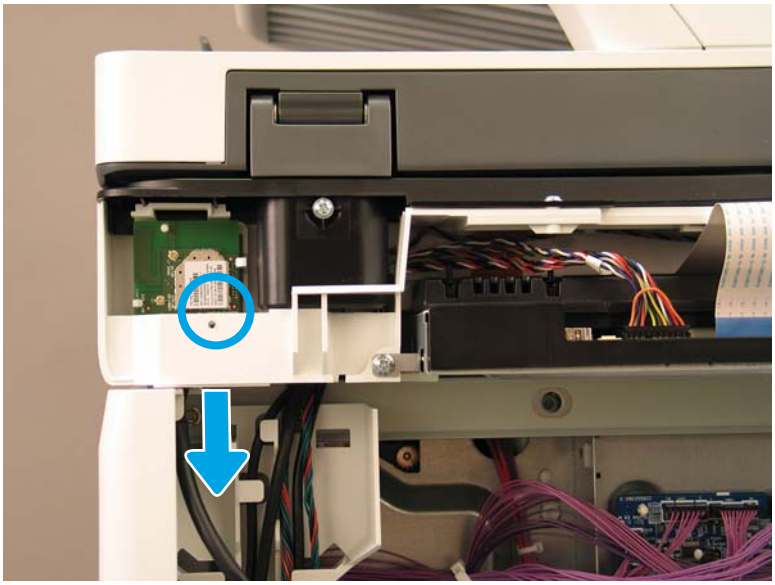
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-440 Disconnect fiv connectors



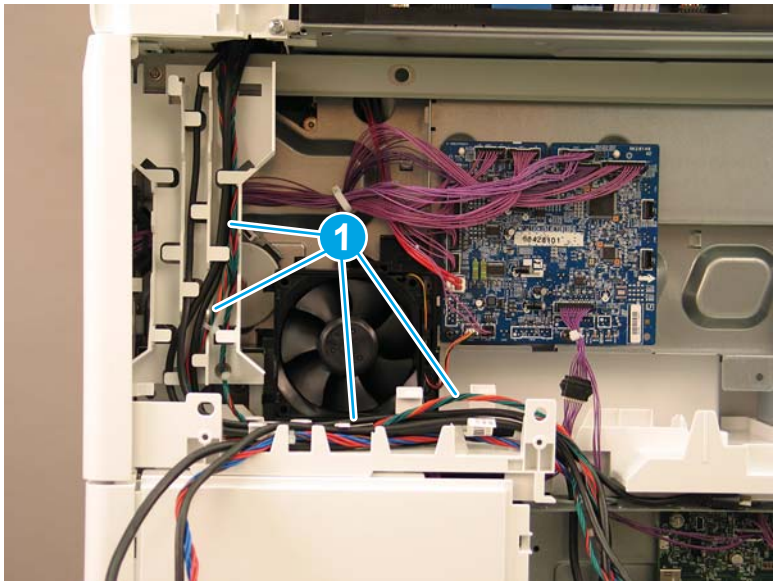
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-441 Disconnect the wireless connector



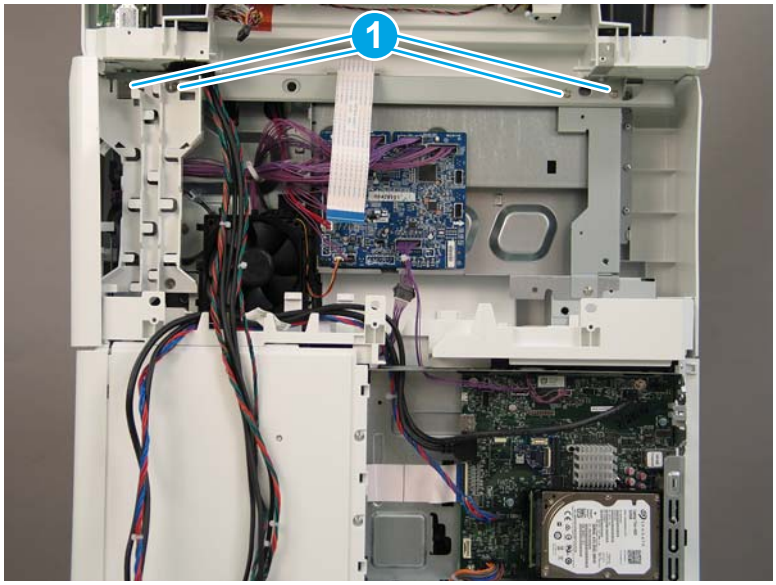
9. Release all of the cables from the cable guides (callout 1).

Figure 1-442 Release the cables



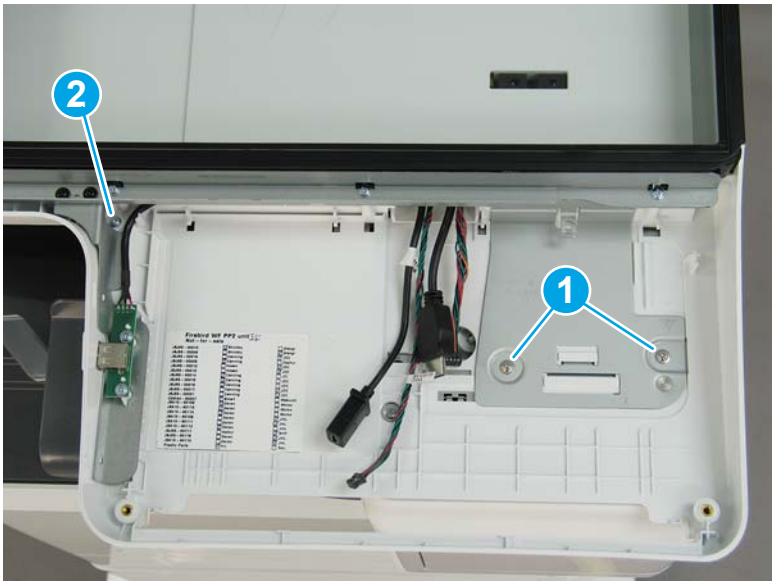
10. At the back of the printer, remove four screws (callout 1).

Figure 1-443 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-444 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-445 Remove the document feeder and image scanner



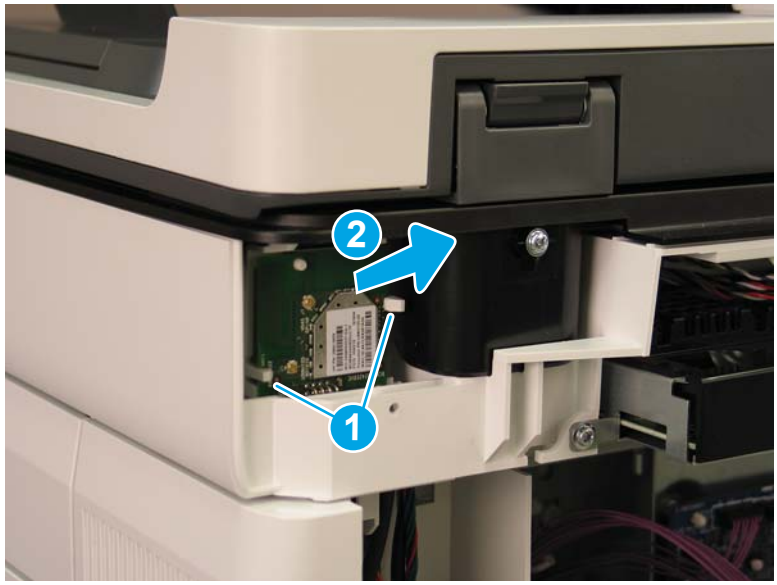
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

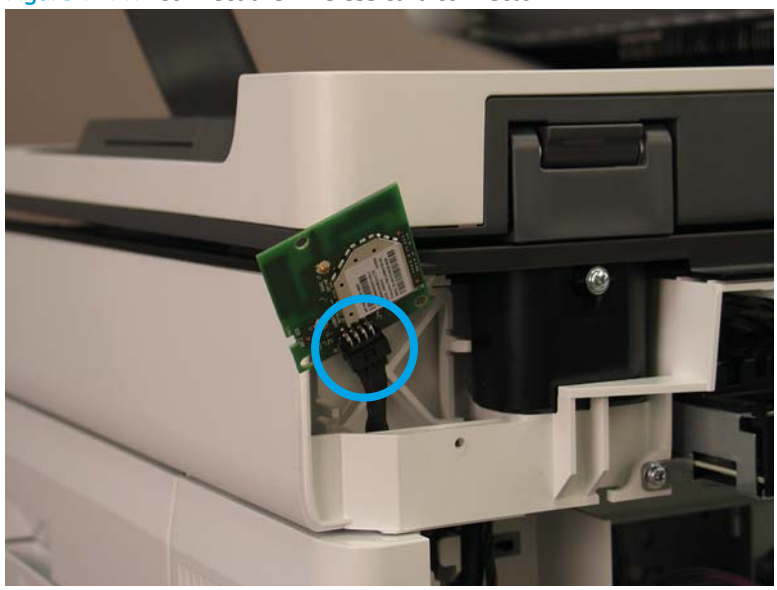
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-446 Remove the wireless card



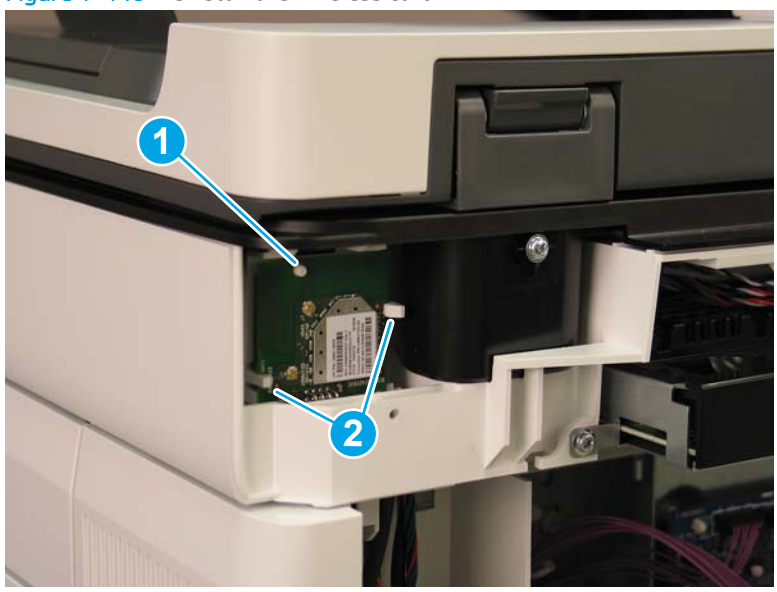
ii. Connect the cable to the wireless card (callout 1).

Figure 1-447 Connect the wireless card connector



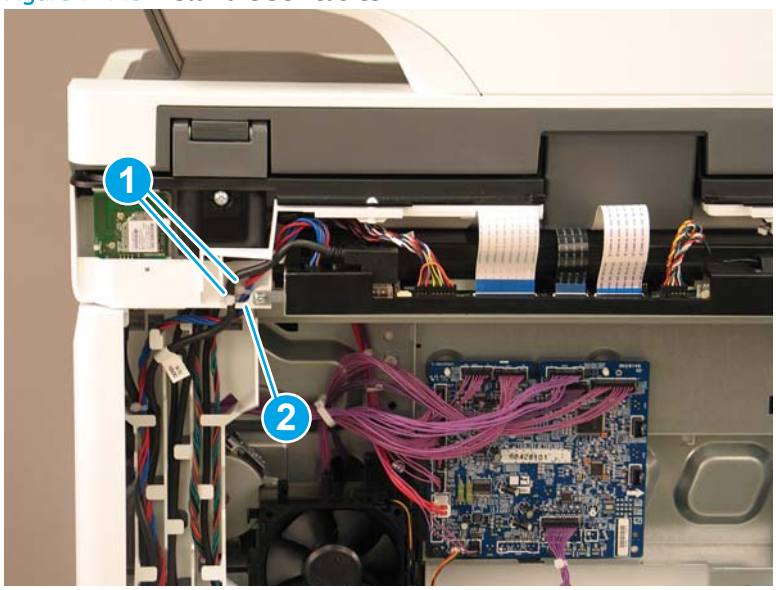
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-448 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-449 Install the SCB cables

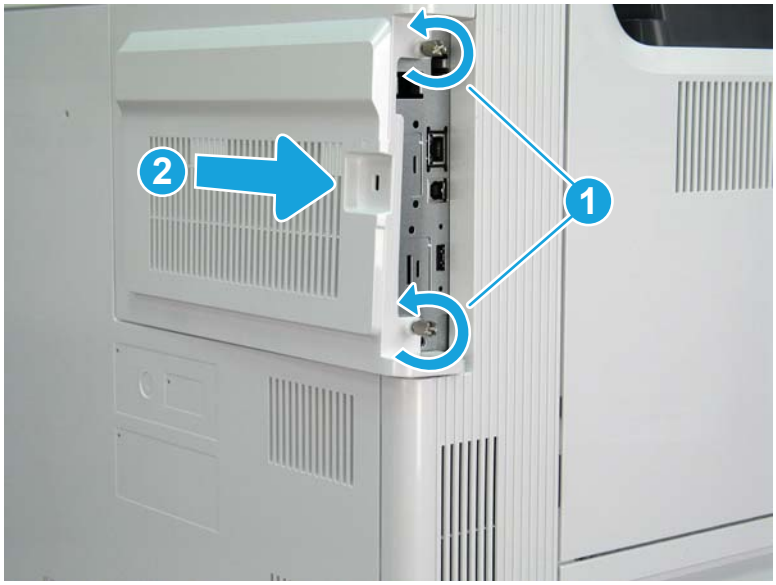


Step 4: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

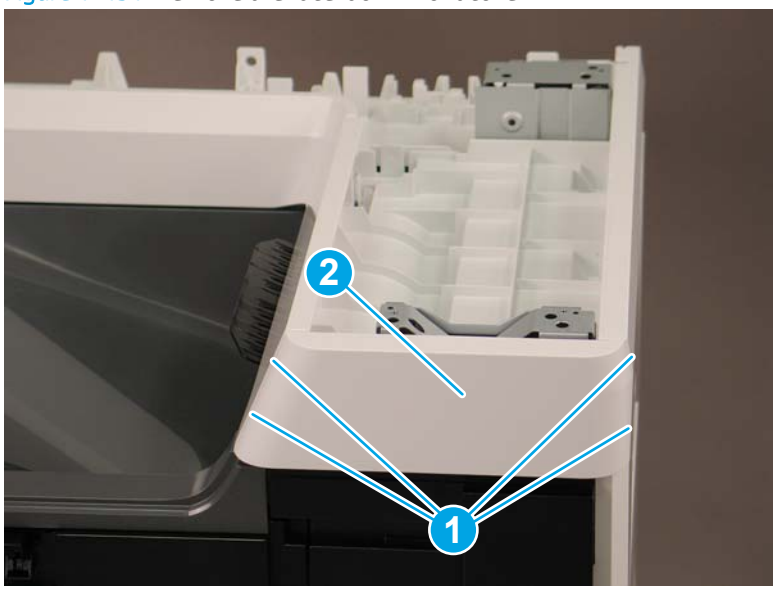
Figure 1-450 Remove the formatter cover



Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-451 Remove the face-down front cover



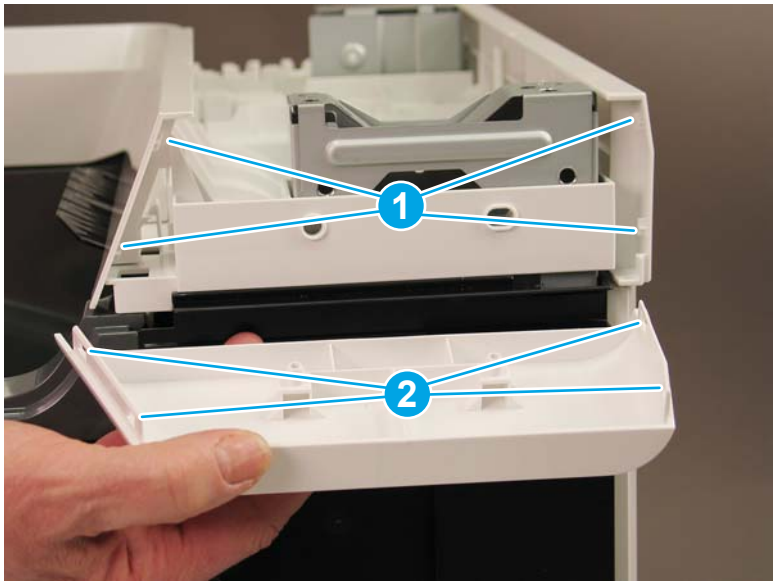
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

- When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-452 Install the cover

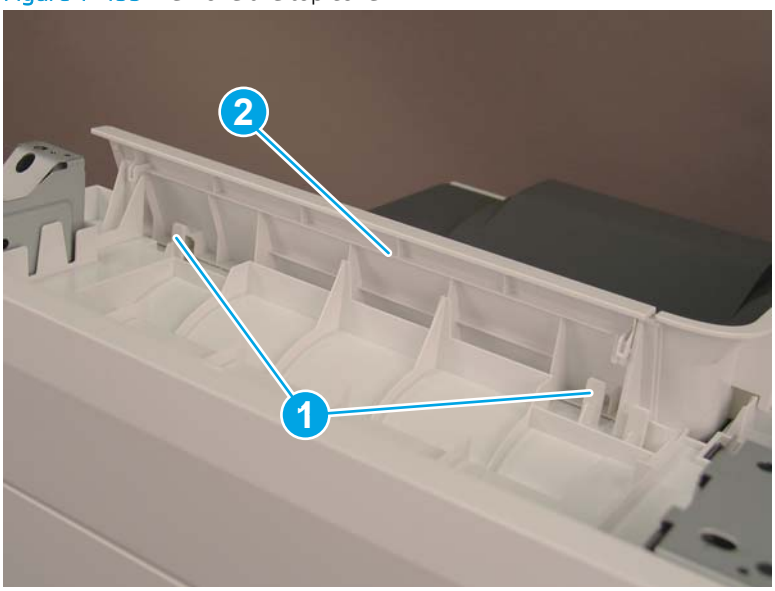


Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-453 Remove the top cover

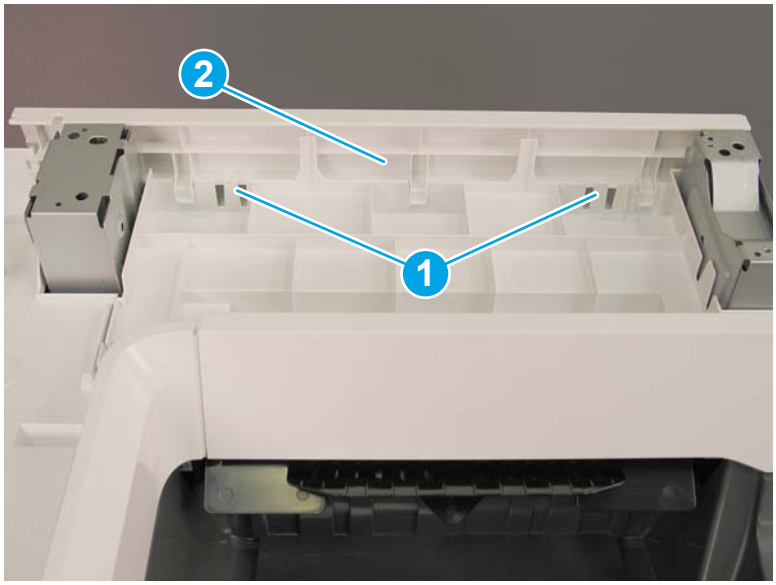


Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-454 Remove the right cover

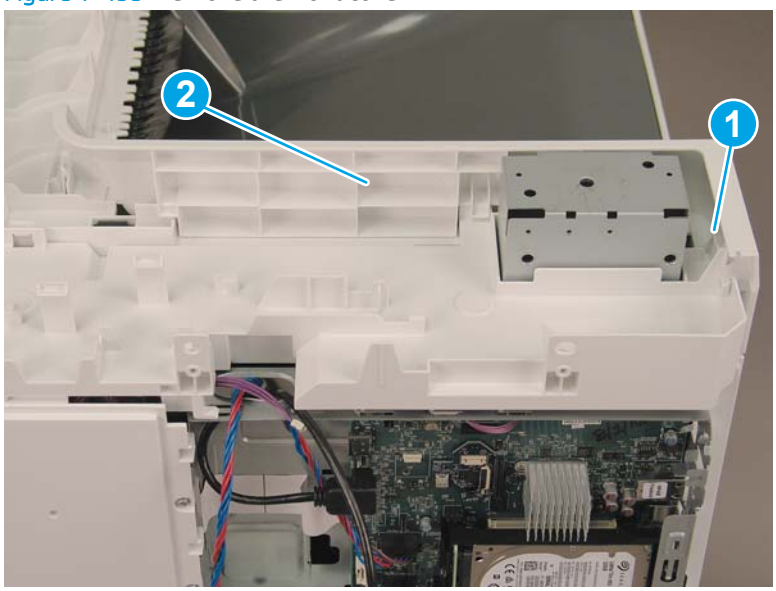


Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-455 Remove the front cover

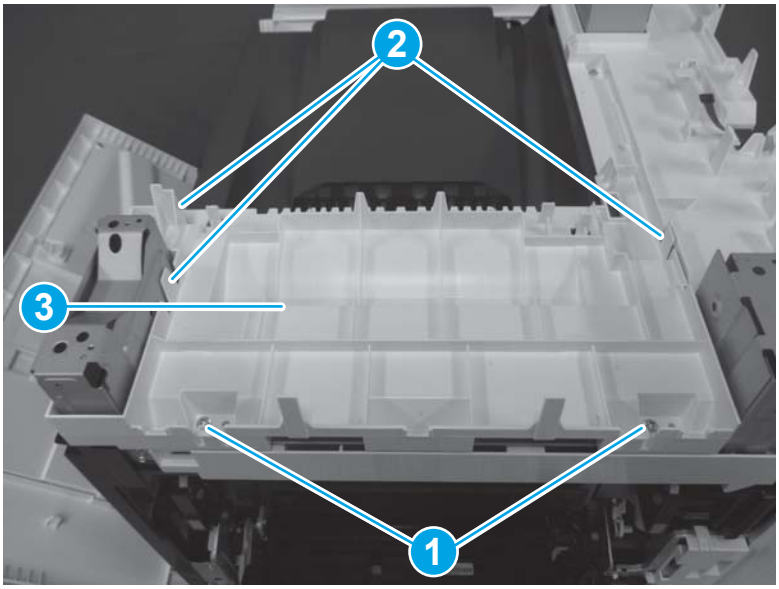


Step 9: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-456 Remove two screws and the face-down cover



Step 10: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Introduction
- Step 1: Remove the image scanner rear cover (M681/M682/E67550/E67560/E67650/E67660)
- Step 2: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh).

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh) part number	
RC4-6862-000CN	Rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

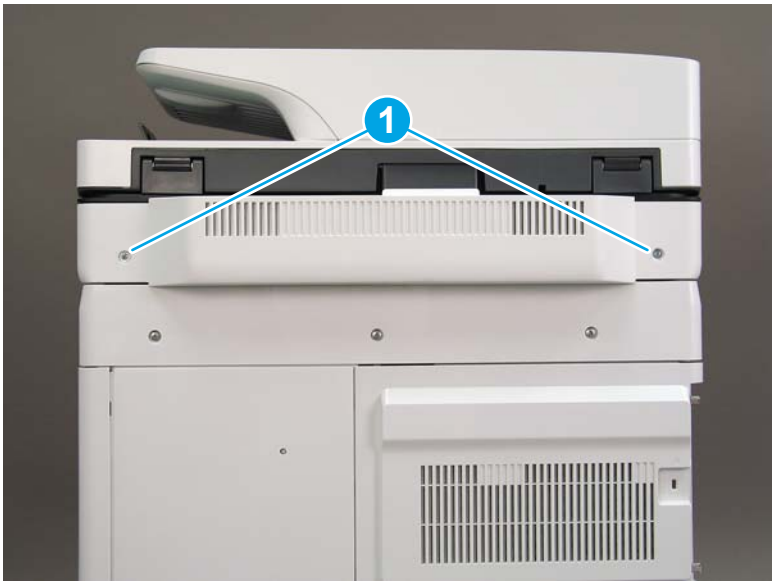
Post service test

No post service test is available for this assembly.

Step 1: Remove the image scanner rear cover (M681/M682/E67550/E67560/E67650/E67660)

1. At the back of the printer, remove two screws (callout 1).

Figure 1-457 Remove two screws



2. Rotate the image scanner back cover up to remove it.

Figure 1-458 Remove the image scanner back cover

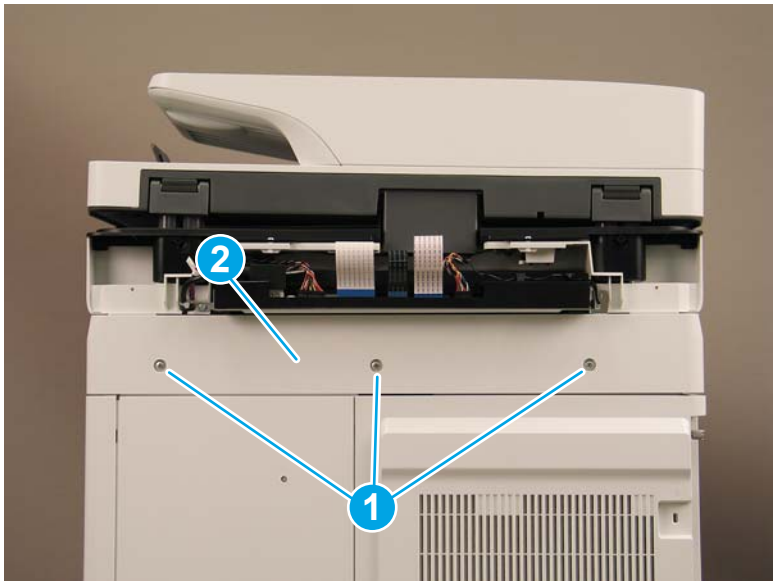


Step 2: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-459 Remove the rear upper cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Introduction
- Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 5: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh).

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Main cover (M681dn/M681/M682dn/Flow M681f/E67650dh) part number	
RC4-6860-000CN	Main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

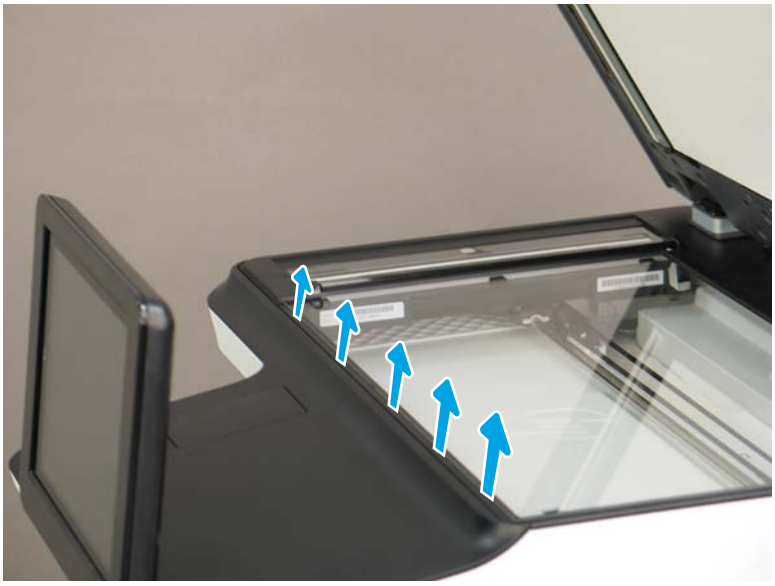
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

   Figure 1-460 Tilt the control panel and open the document feeder



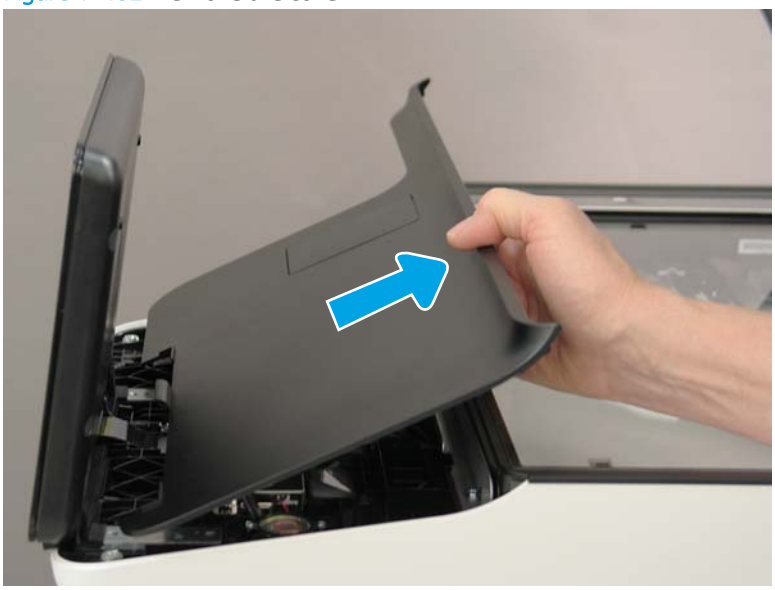
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-461 Release fiv tabs



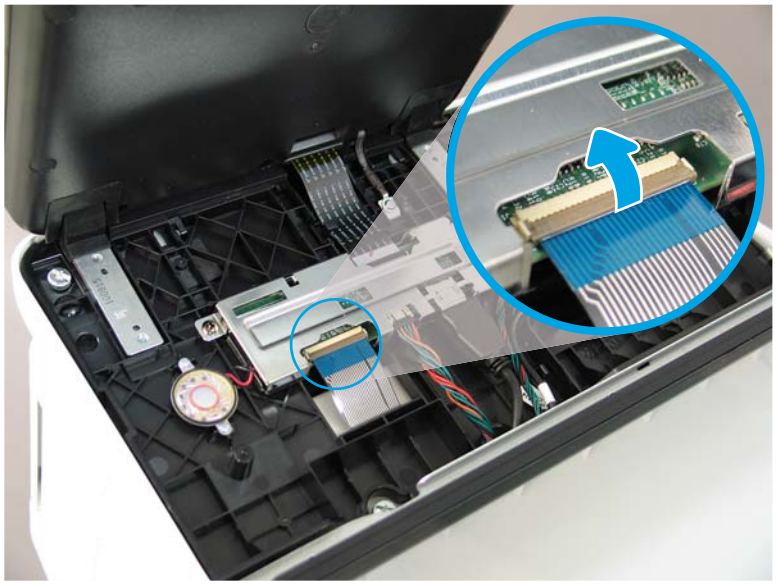
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-462 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-463 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-464 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-465 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-466 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

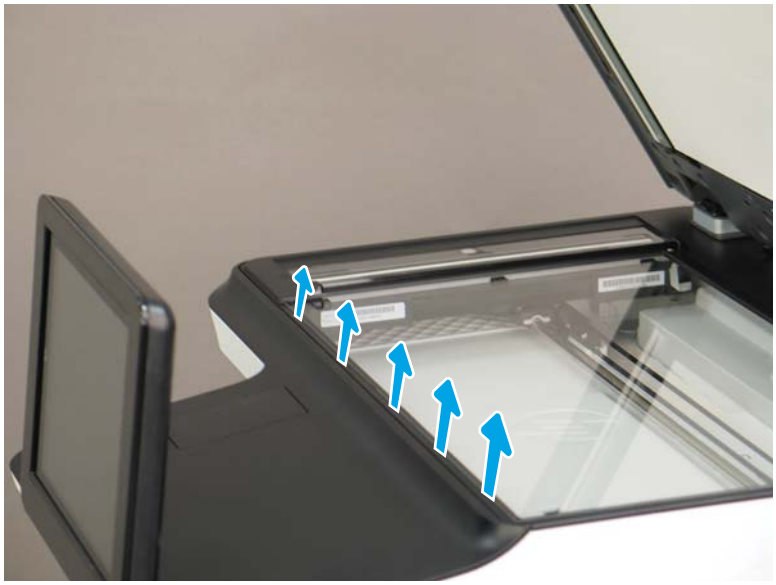
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-467 Tilt the control panel forward and open the document feeder



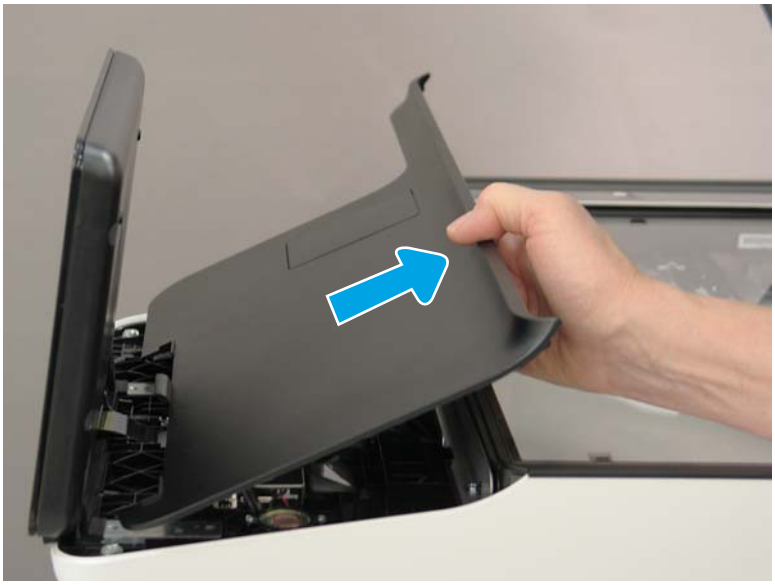
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-468 Release fiv tabs



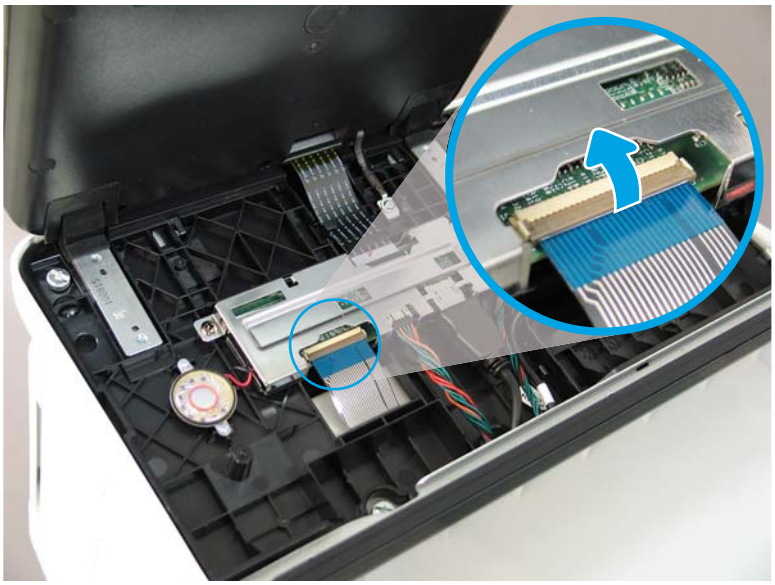
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-469 Remove the cover



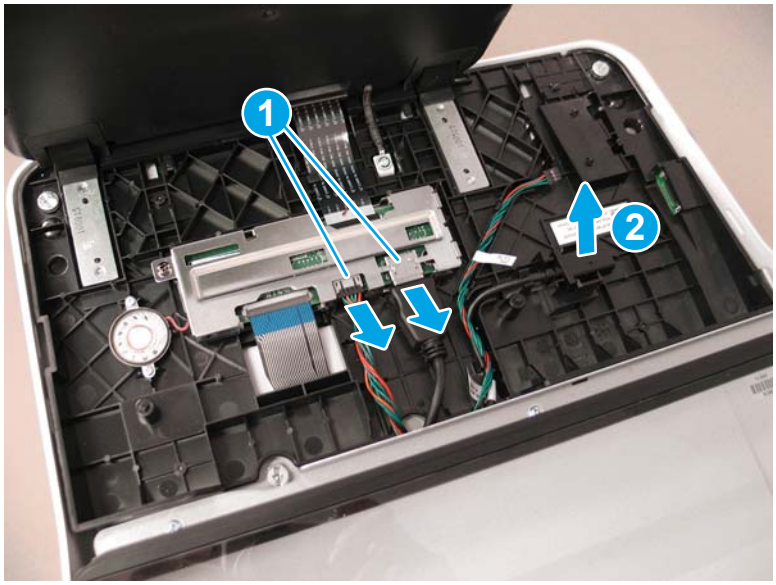
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-470 Disconnect the keyboard fla cable (keyboard models only)



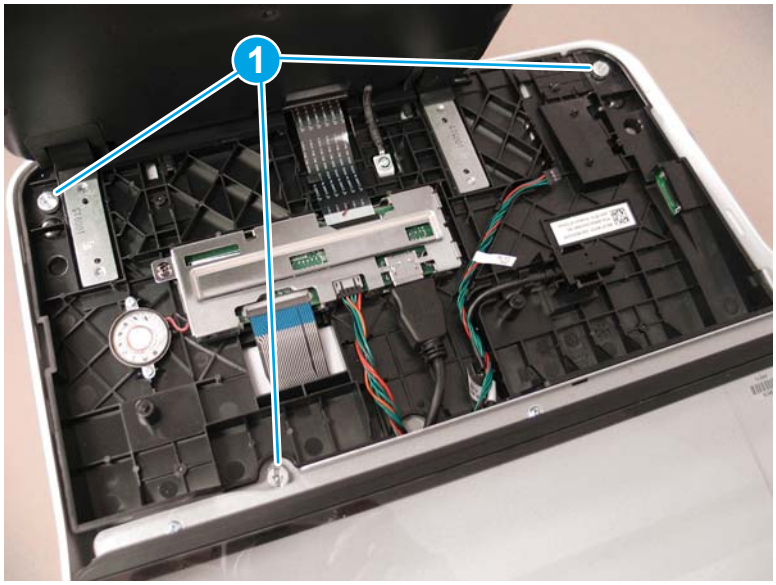
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-471 Disconnect connectors



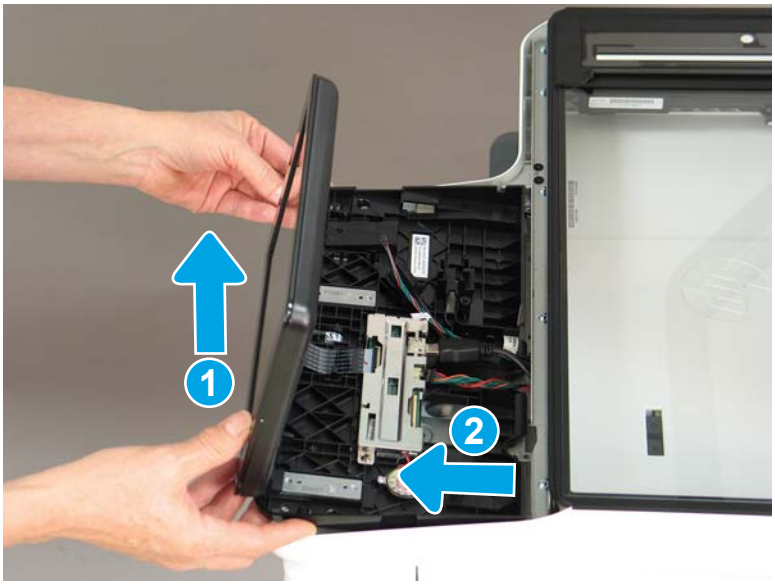
6. Remove three thumbscrews (callout 1).

Figure 1-472 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

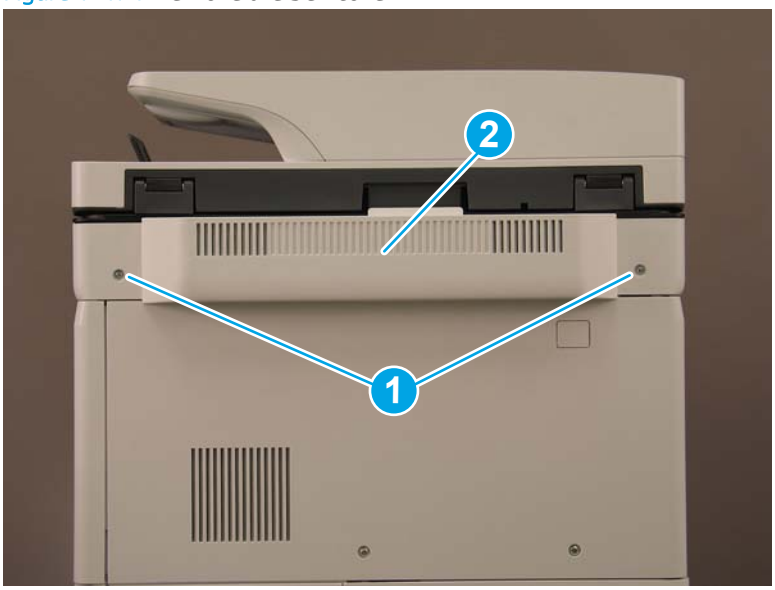
Figure 1-473 Remove the control panel



Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

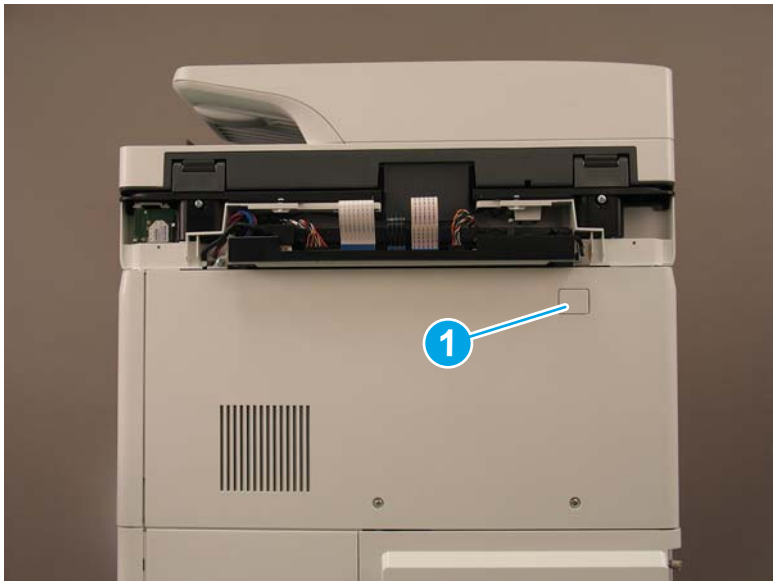
Figure 1-474 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

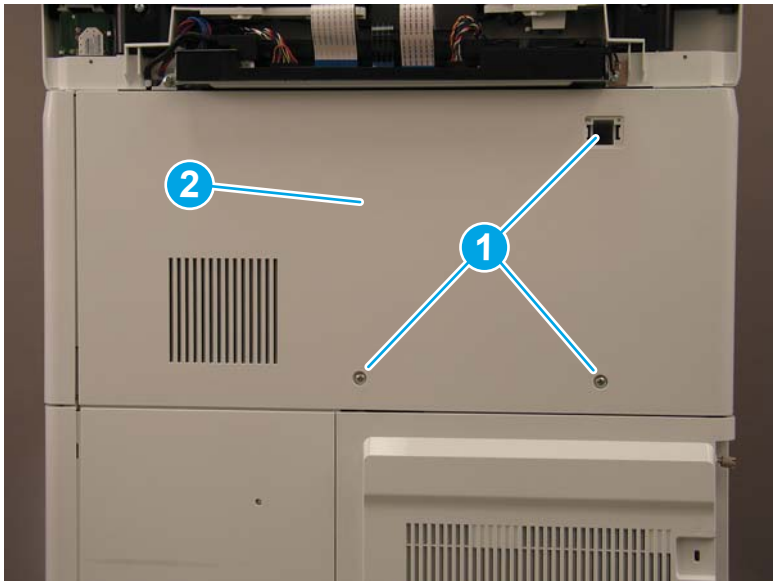
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-475 Remove the small cover



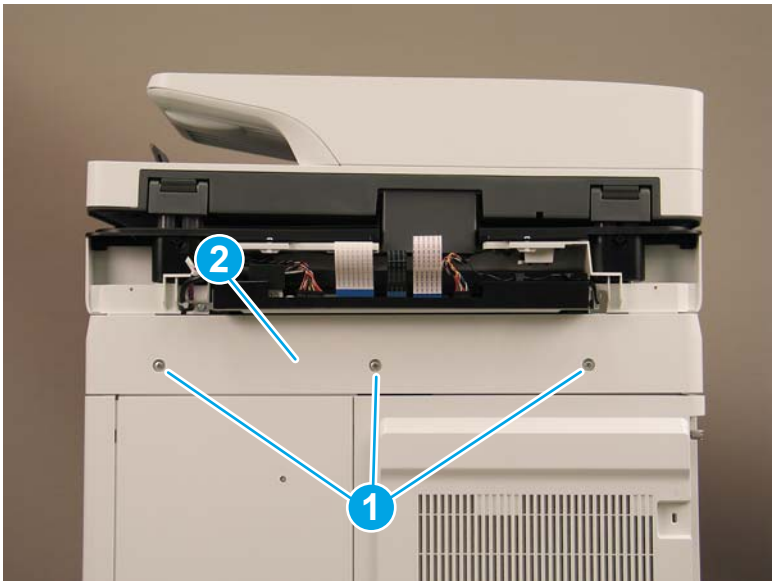
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-476 Remove the stapler/stacker rear cover



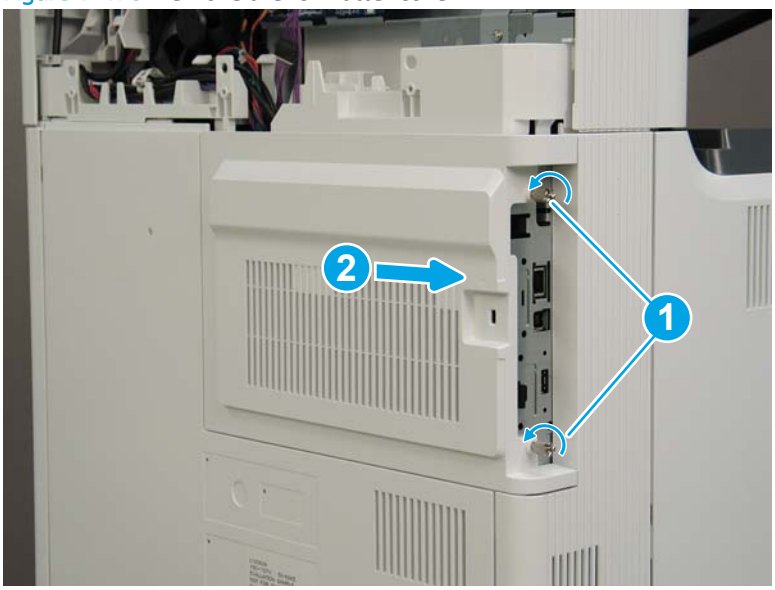
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-477 Remove the upper rear cover



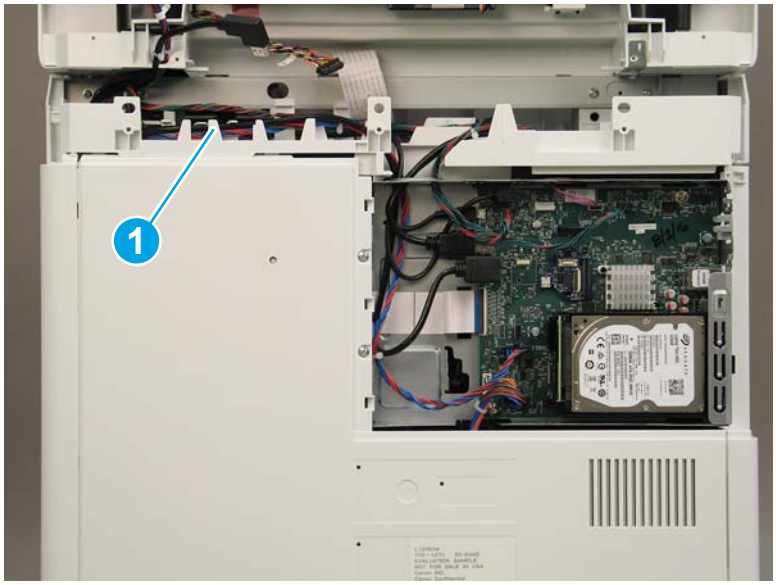
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-478 Remove the formatter cover



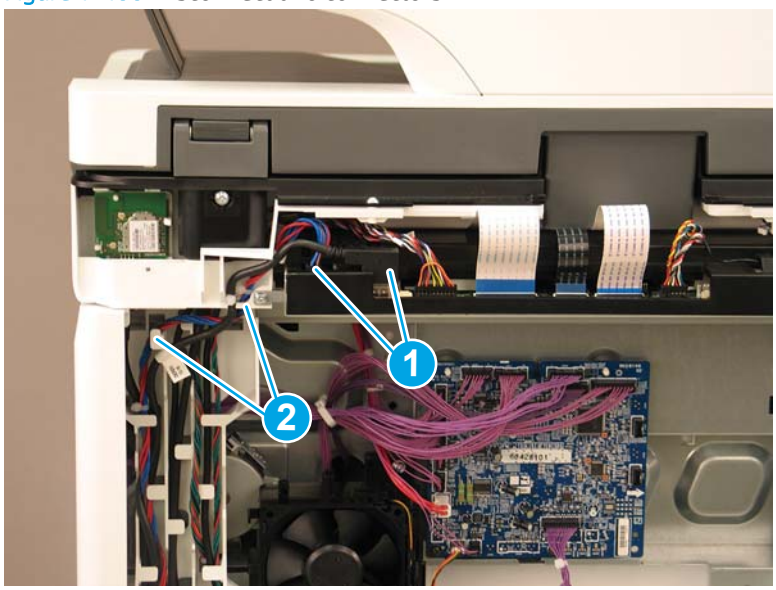
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-479 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-480 Disconnect two connectors



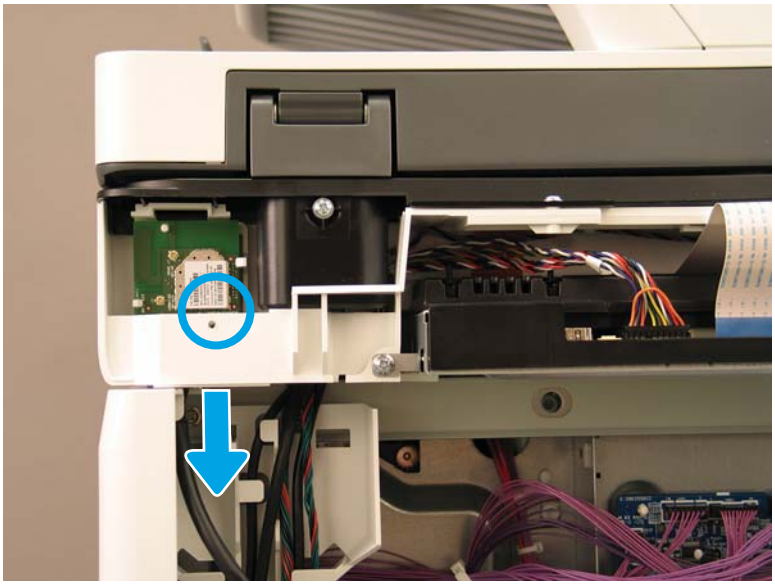
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-481 Disconnect fiv connectors



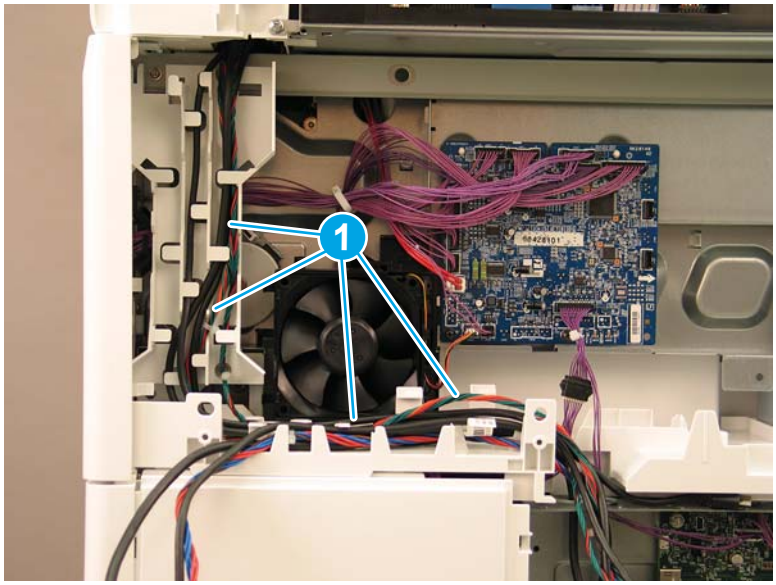
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-482 Disconnect the wireless connector



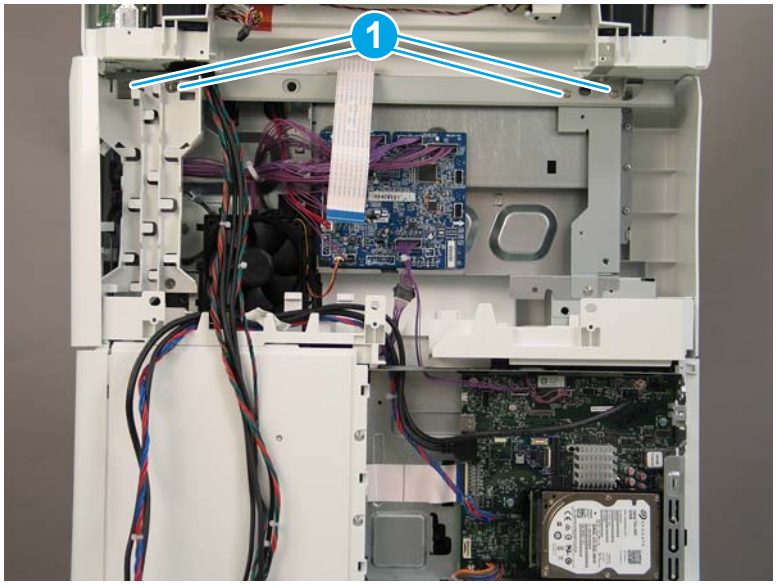
9. Release all of the cables from the cable guides (callout 1).

Figure 1-483 Release the cables



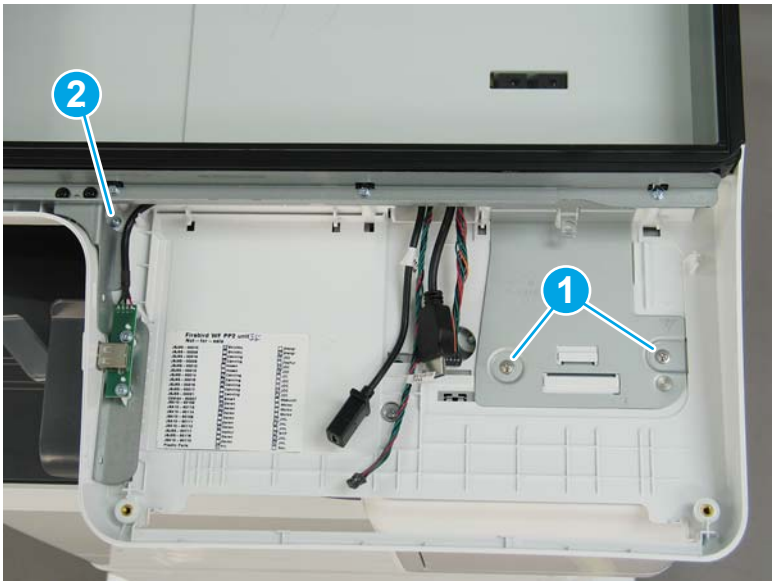
10. At the back of the printer, remove four screws (callout 1).

Figure 1-484 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-485 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-486 Remove the document feeder and image scanner



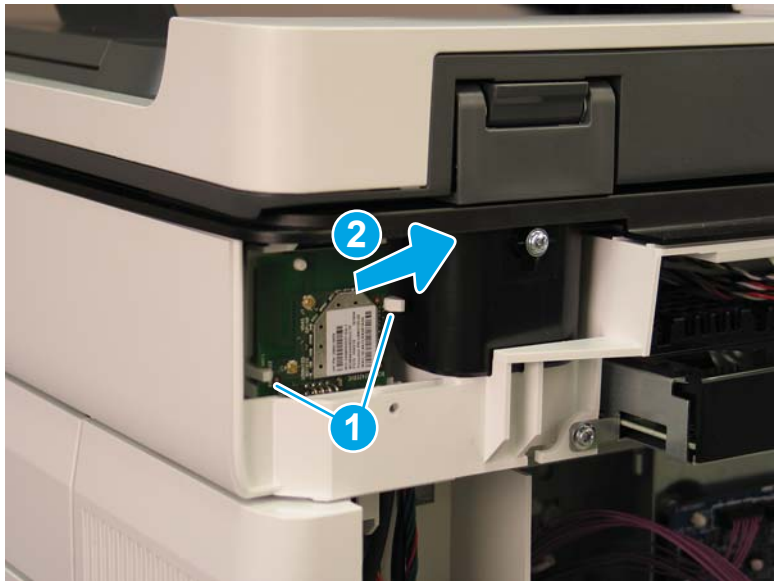
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

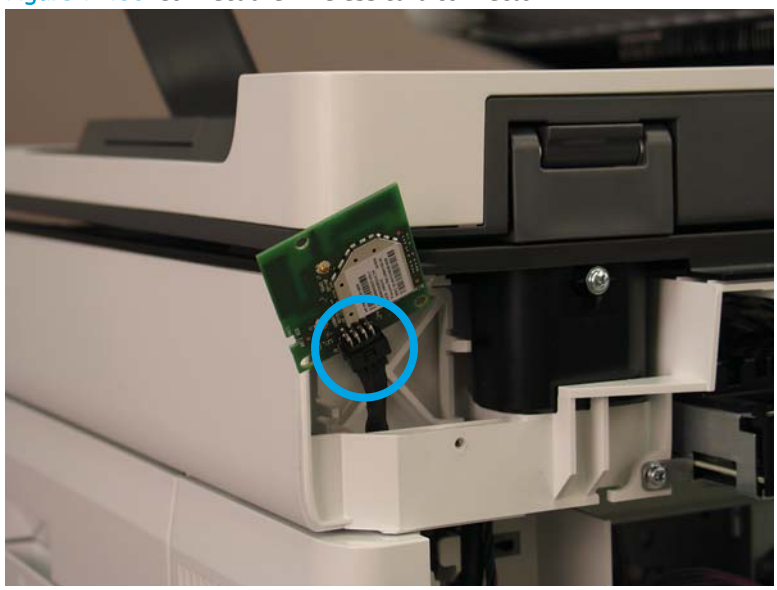
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-487 Remove the wireless card



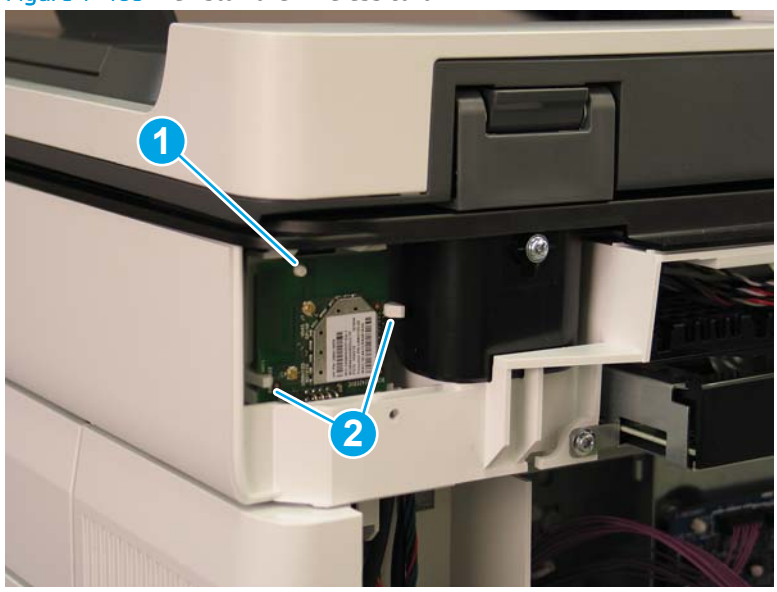
ii. Connect the cable to the wireless card (callout 1).

Figure 1-488 Connect the wireless card connector



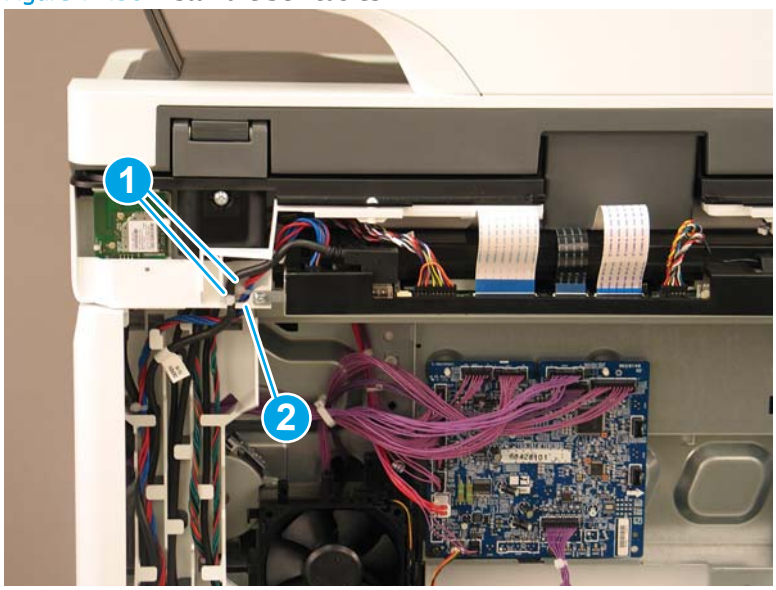
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-489 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-490 Install the SCB cables

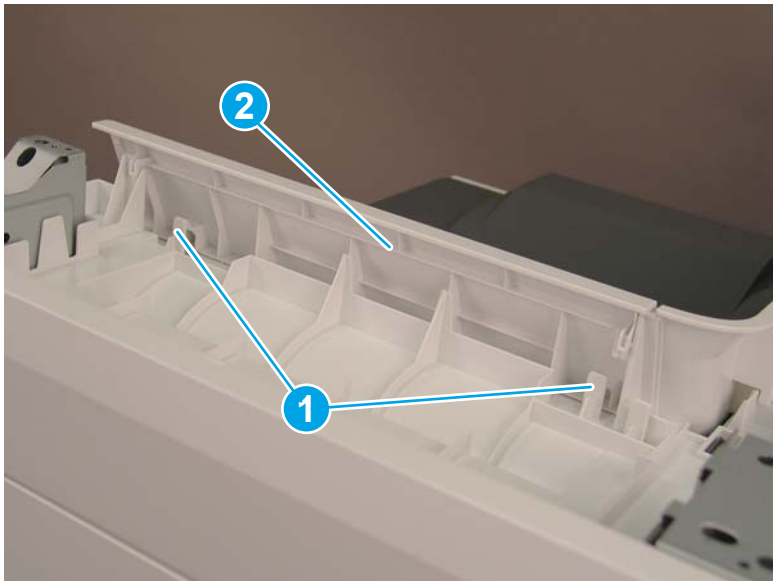


Step 4: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-491 Remove the top cover

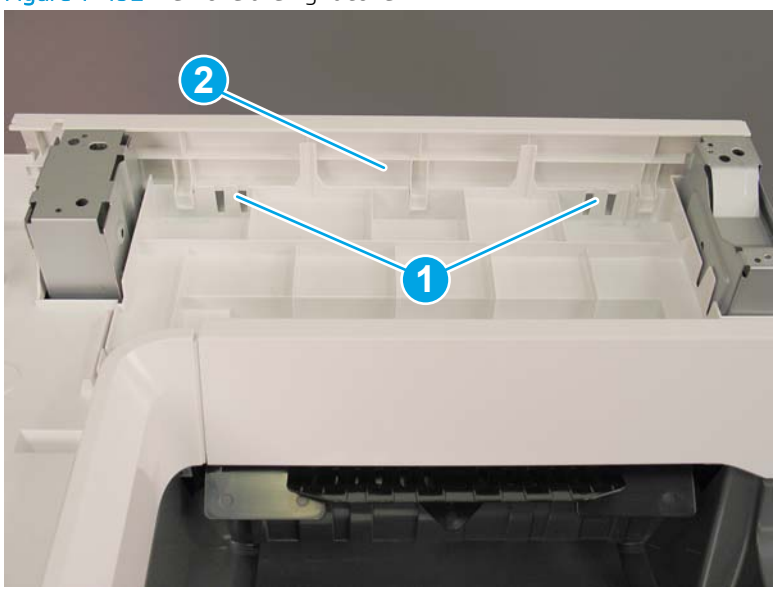


Step 5: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-492 Remove the right cover

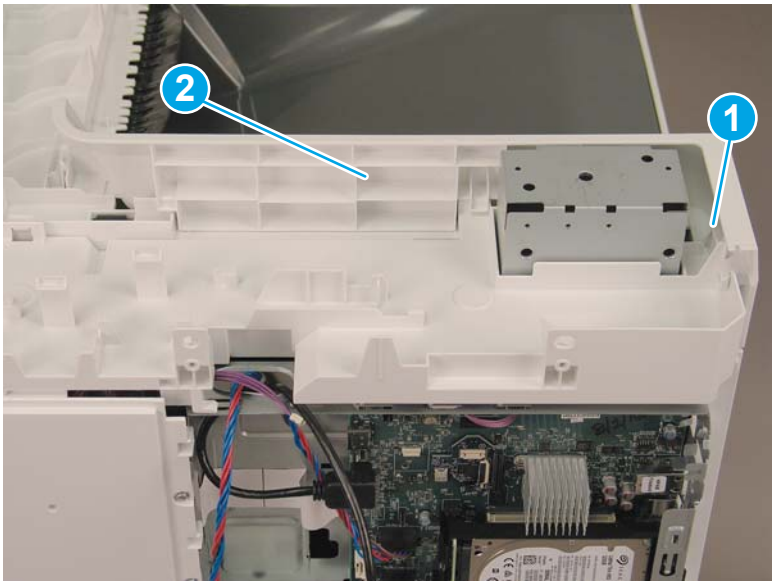


Step 6: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-493 Remove the front cover

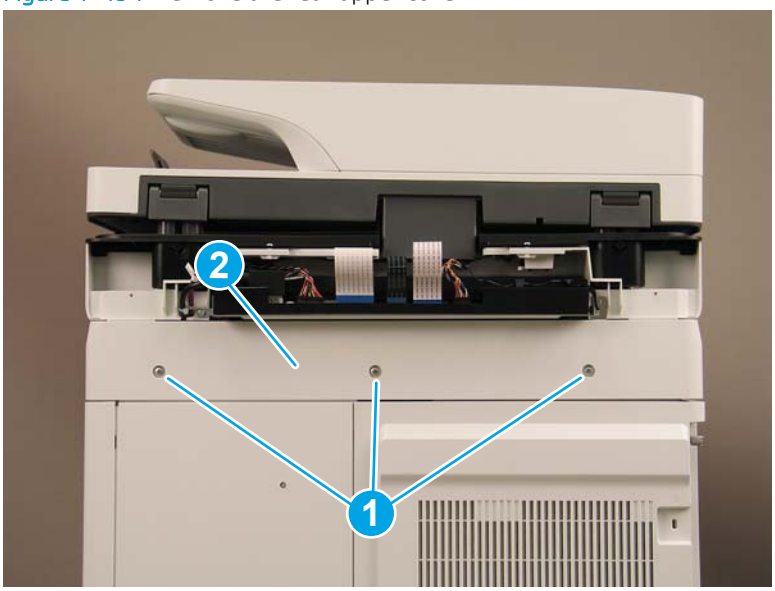


Step 7: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-494 Remove the rear upper cover

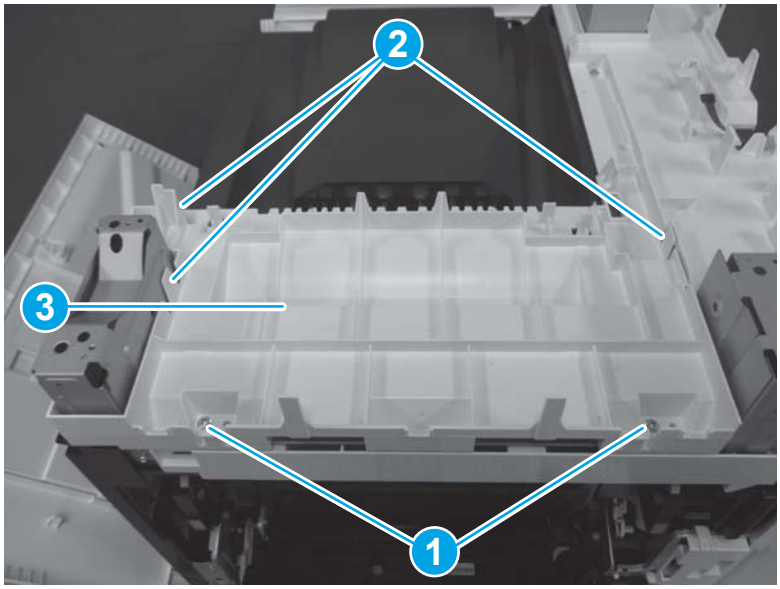


Step 8: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

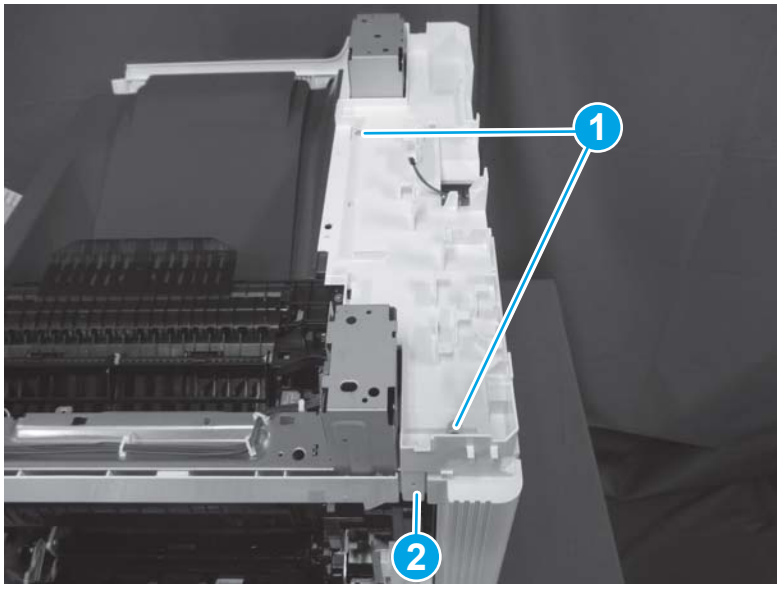
Figure 1-495 Remove two screws and the face-down cover



Step 9: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Remove two screws (callout 1), and then release one tab (callout 2).

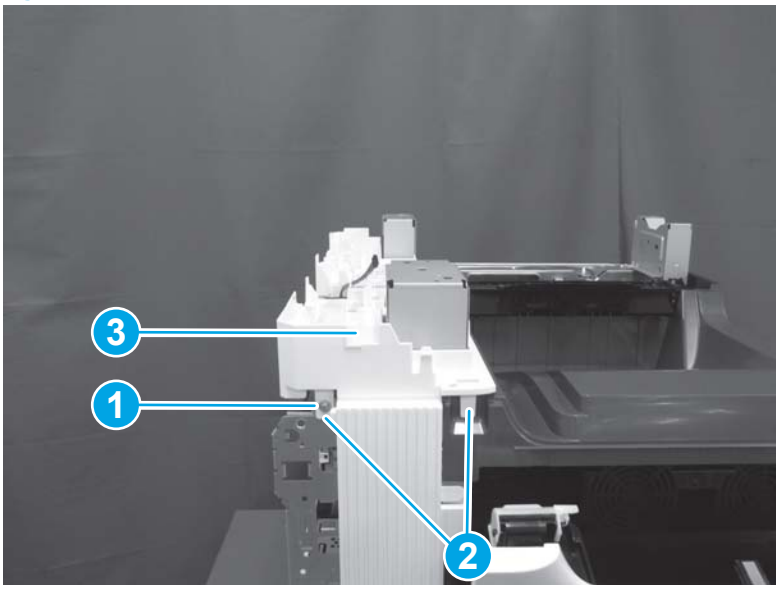
Figure 1-496 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-497 Remove one screw and the main cover



Step 10: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Front door

- Introduction
- Step 1: Remove the front door
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the front door.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Front door part number	
RM2-6658-000CN	Front door

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

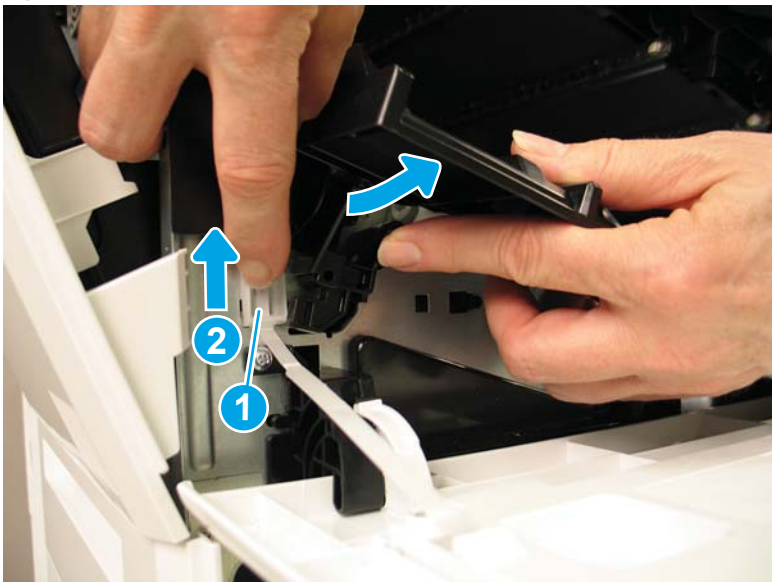
Step 1: Remove the front door

1. Remove Tray 2.
2. Open the following doors:

   Reinstallation tip: The left door must be closed firs in order to close the front door.

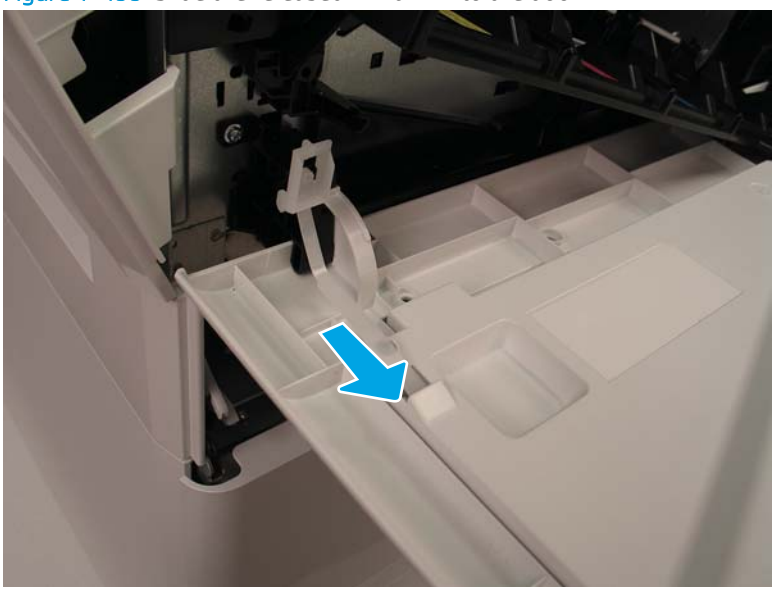
   - Front door
   - Left door
3. Hold the black shutter to one side, release one tab (callout 1), and then slide the link arm (callout 2) up to release it from the sheet metal.

   Figure 1-498 Release the link arm

4. Slide the released link arm into the door.

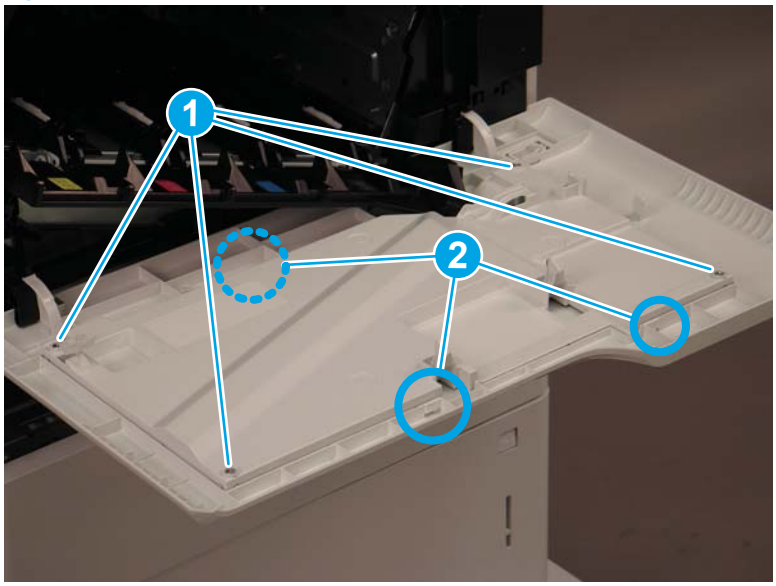
   Figure 1-499 Slide the released link arm into the door

5. Remove four screws (callout 1), release three tabs (callout 2), and then remove the inner cover.

⚠ CAUTION: Use care when removing the inner cover. The black cartridge door is spring-loaded and may close abruptly when released from the inner cover.

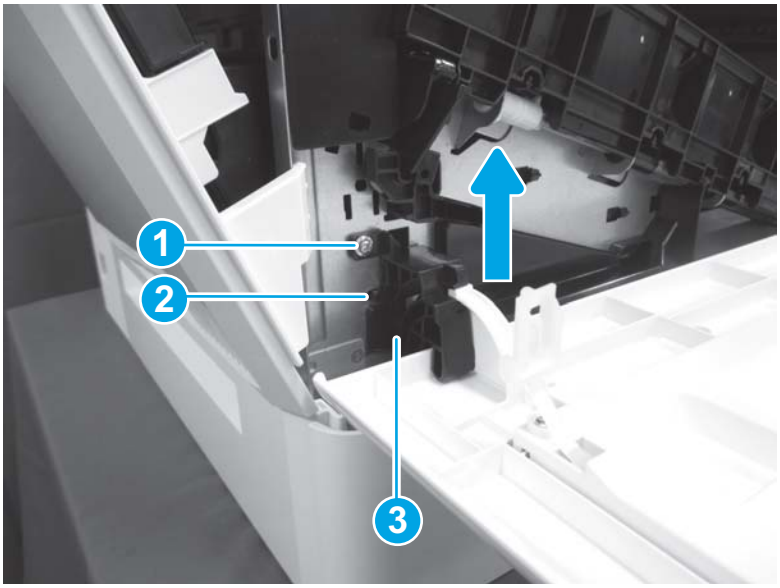
Figure 1-500 Remove the inner cover



6. Remove one screw (callout 1), and then release one boss (callout 2). Slide the hinge (callout 3) up to release it.

TIP: Use a flat-blad screwdriver to release the boss, and then lift upwards on the corner of the door.

Figure 1-501 Release the hinge

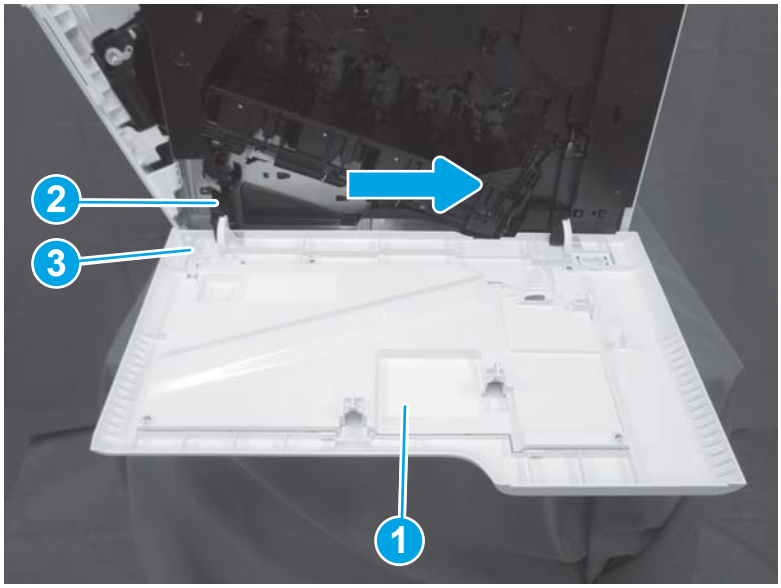


7. Slide the front door (callout 1) to the right to remove it.

NOTE: Remove the hinge (callout 2) and the link arm (callout 3) from the front door and install them on the replacement front door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-502 Remove the front door



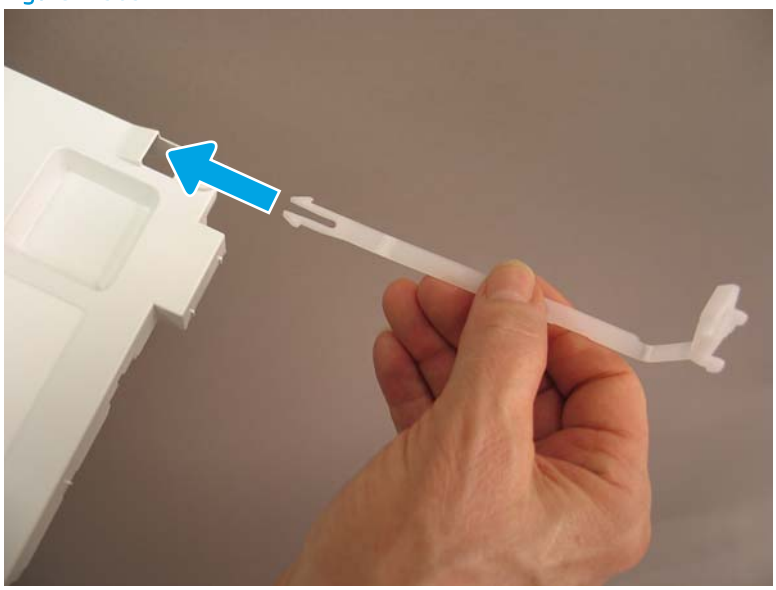
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Front door

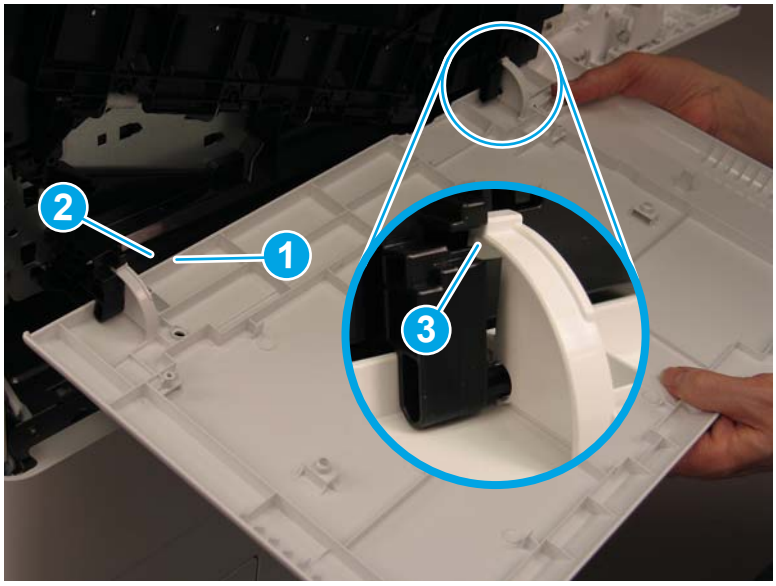
a. If the link arm becomes dislodged from the inner cover, reinstall it as shown in the figur below.

Figure 1-503 Reinstall the link arm



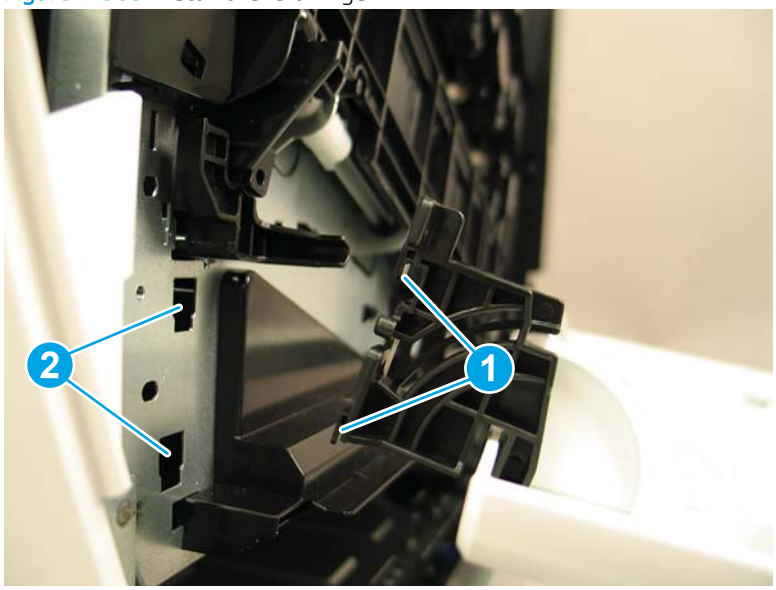
b. Install the right side of the door first Position the edge of the door (callout 1) over the black lip (callout 2), and then slide the right hinge into the black arm (callout 3).

Figure 1-504 Install the right hinge



c. When reinstalling the left hinge, install the tabs (callout 1) on the hinge in the slots (callout 2) in the printer. Press down to lock the hinge in place.

Figure 1-505 Install the left hinge



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door

- Introduction
- Step 1: Remove the right door
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door part number	
RM2-6622-000CN	Right door

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

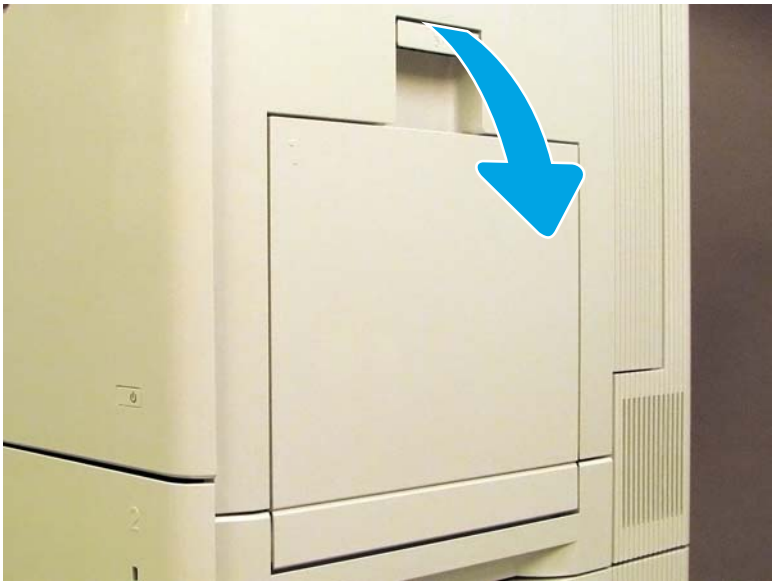
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door

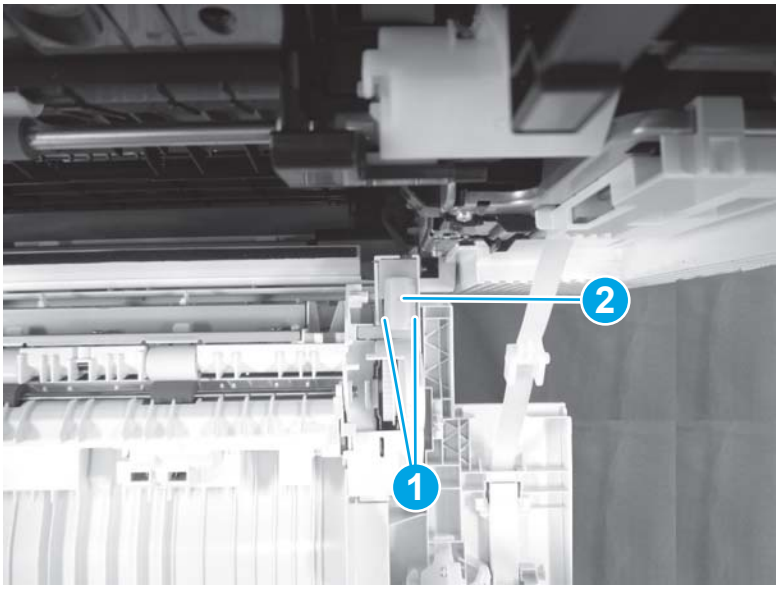
1. Open the right door.

Figure 1-506 Open the right door



2. Release two tabs (callout 1), and then remove the connector cover (callout 2).

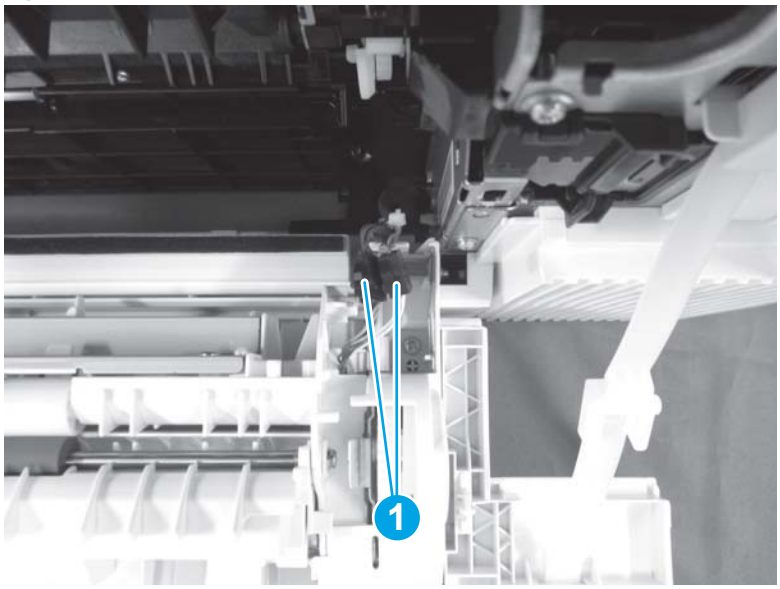
Figure 1-507 Remove the connector cover



3. Disconnect two connectors (callout 1).

NOTE: Disconnect the connectors on the side closest to the printer

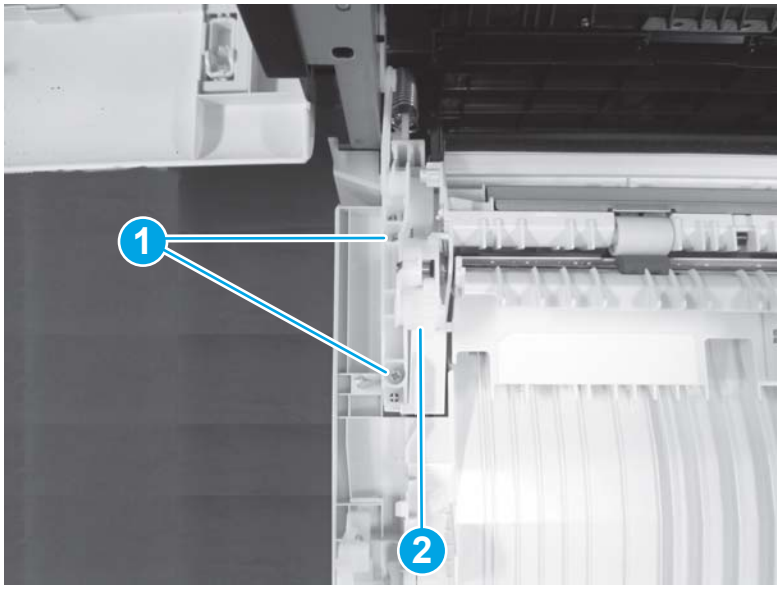
Figure 1-508 Disconnect two connectors



4. Remove two screws (callout 1), and then release the left link arm (callout 2) from the right door.

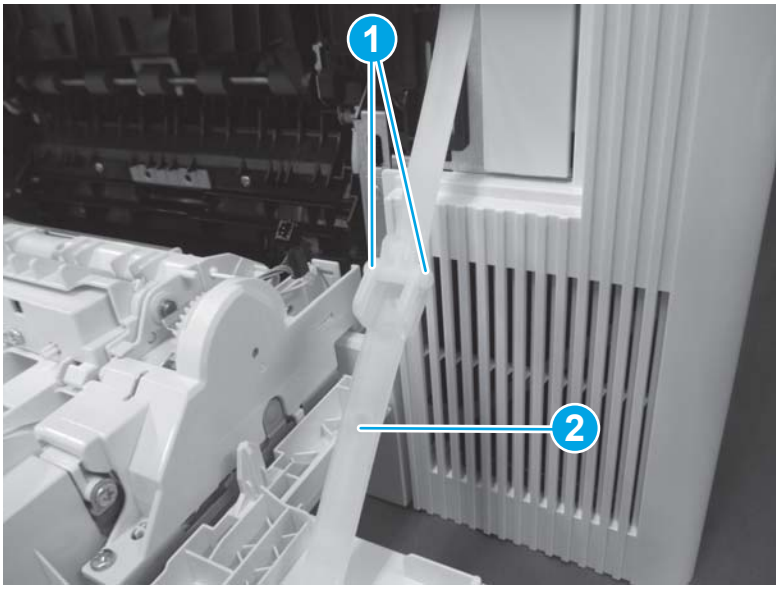
CAUTION: The left link arm is under tension. Hold onto the part when removing the screws and release it slowly to avoid damaging the printer or losing the screws.

Figure 1-509 Remove two screws and release the left link arm



5. Release two bosses (callout 1), and then release the right door strap (callout 2).

Figure 1-510 Release the right door strap

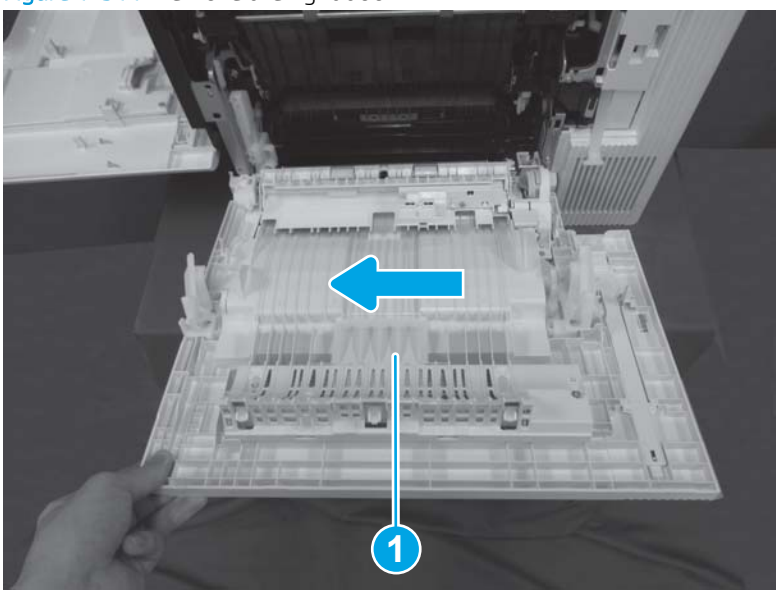


6. Slide the right door (callout 1) to the left to remove it.

Reinstallation tip: The left hinge can be moved to the left, away from the door assembly, to allow correctly positioning the molded door assembly parts. Place the hinge back into position to align with the alignment pins, and then reattach.

CAUTION: The left hinge is under tension. Use care when moving it so it does not release suddenly and damage the printer.

Figure 1-511 Remove the right door



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left door

- Introduction
- Step 1: Remove the toner collection unit (TCU)
- Step 2: Remove the left door
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left door.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left door part number	
RL2-1500-000CN	Left door

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

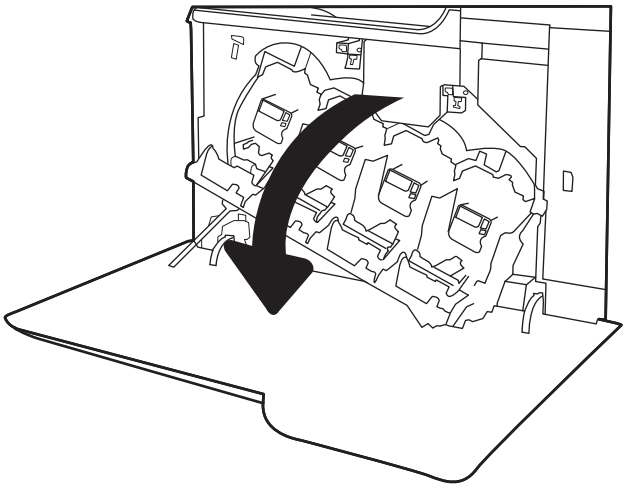
Step 1: Remove the toner collection unit (TCU)

NOTE: The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

CAUTION: If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

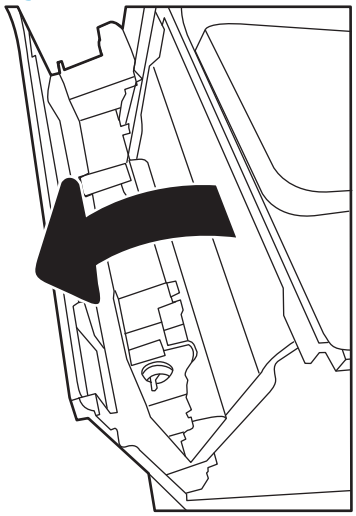
1. Open the front door.

Figure 1-512 Open the front door



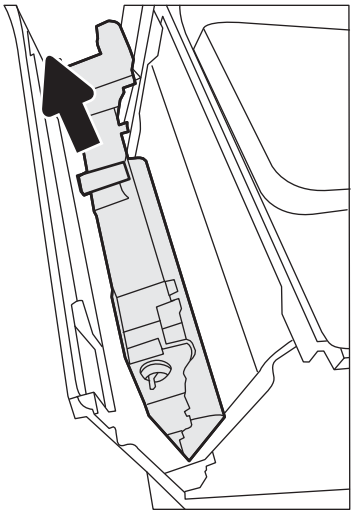
2. Open the left door.

Figure 1-513 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

Figure 1-514 Remove the TCU



Step 2: Remove the left door

1. Open front door.

Figure 1-515 Open front door

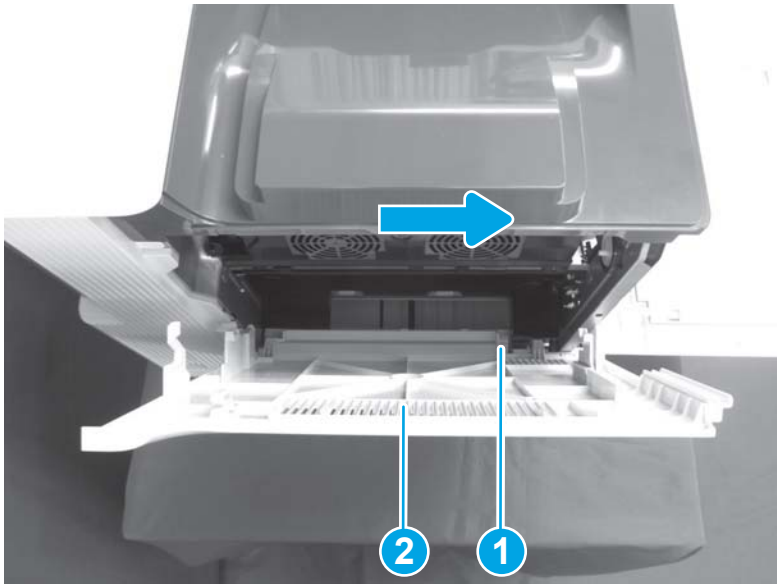


2. Press on the tab (callout 1) while sliding the left door (callout 2) to the right to remove it.

NOTE: Make sure that the front door is not blocking the left door at the lower corner.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-516 Remove the left door



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Top cover (M652/M653/E65050/E65060/E65150/E65160)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 3: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the top cover for the M652/M653/E65050/E65060/E65150/E65160 models.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Top cover (M652/M653/E65050/E65060/E65150/E65160) part number	
RC4-6429-000CN	Top cover (M652/M653/E65050/E65060/E65150/E65160)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

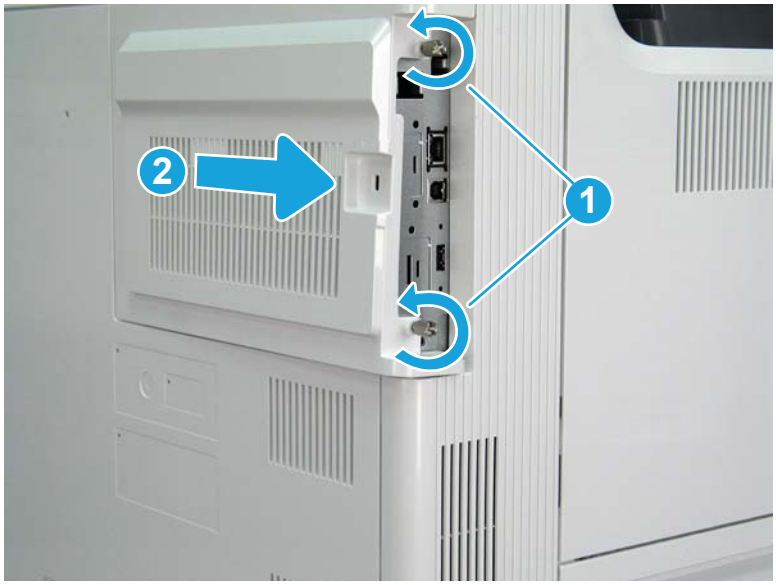
No post service test is available for this assembly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-517 Remove the formatter cover



Step 2: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-518 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-519 Remove the cover



3. Remove one thumbscrew (callout 1)

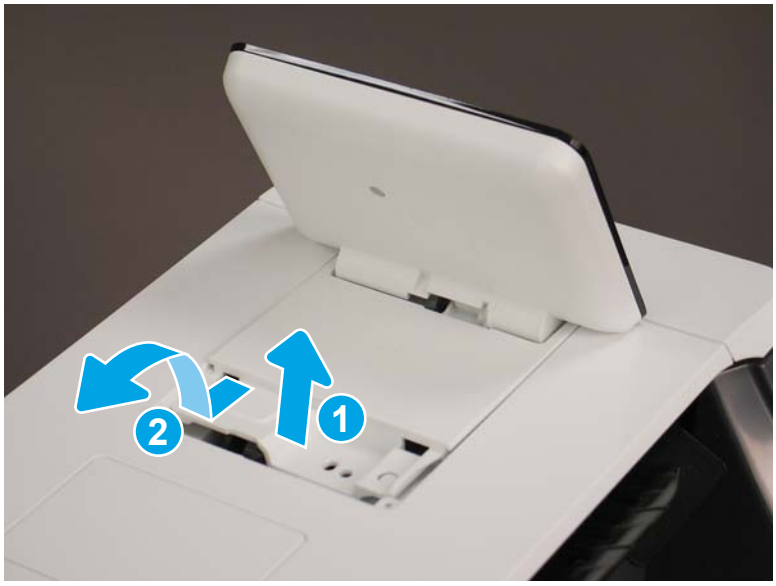
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-520 Remove one thumbscrew



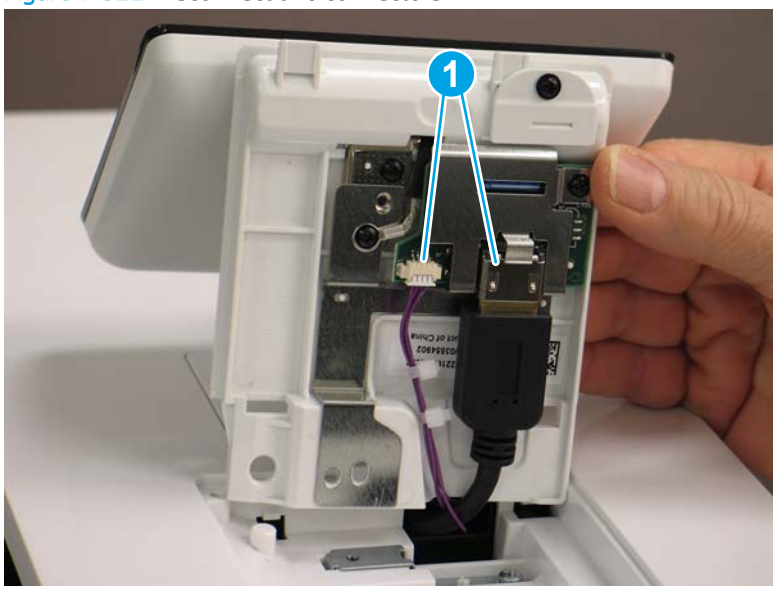
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-521 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-522 Disconnect two connectors



6. Remove the control panel.

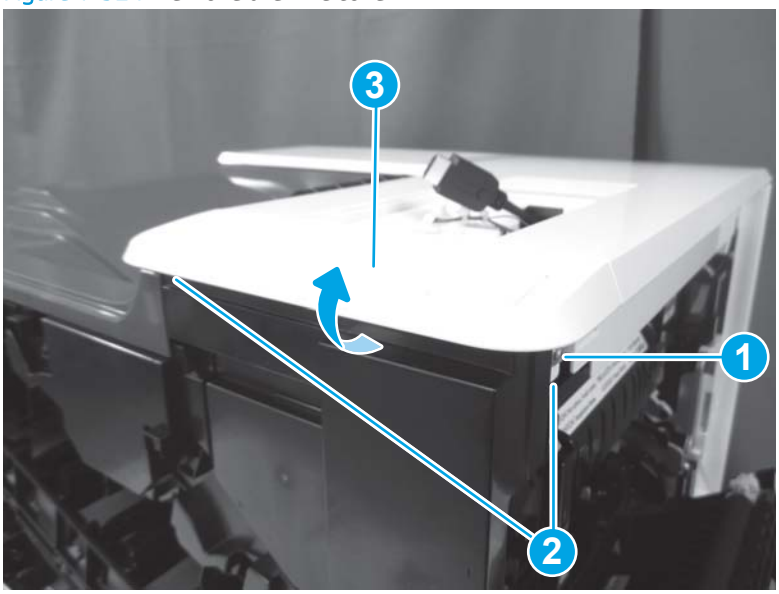
Figure 1-523 Remove the control panel



Step 3: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

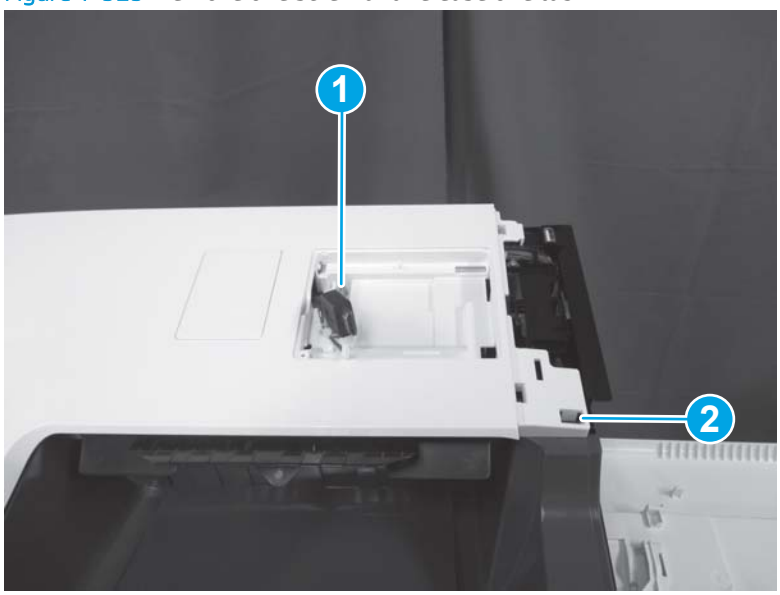
1. Open the following doors:
   - Front door
   - Left door
   - Right door
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-524 Remove the NFC cover



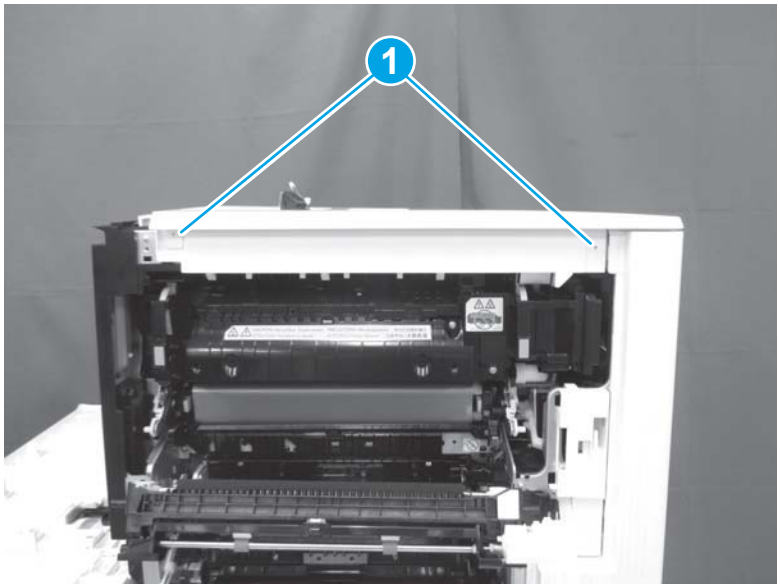
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-525 Remove one screw and release one tab



4. Release two tabs (callout 1).

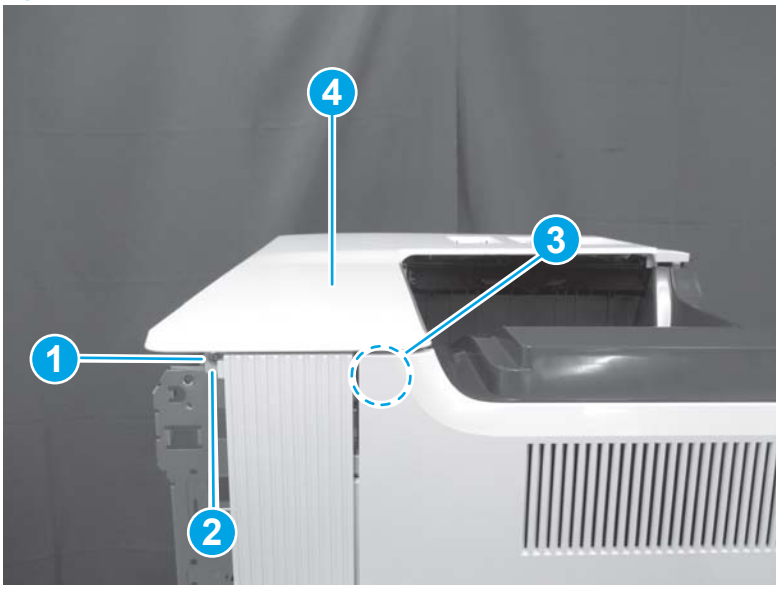
Figure 1-526 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-527 Remove the top cover



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left rear cover

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left rear cover.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left rear cover part number	
RC4-6858-000CN	Left rear cover

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

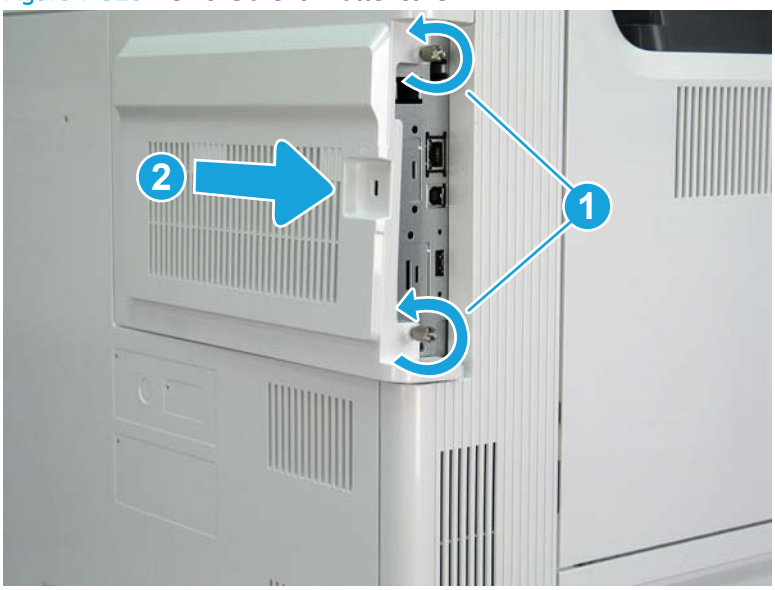
No post service test is available for this assembly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

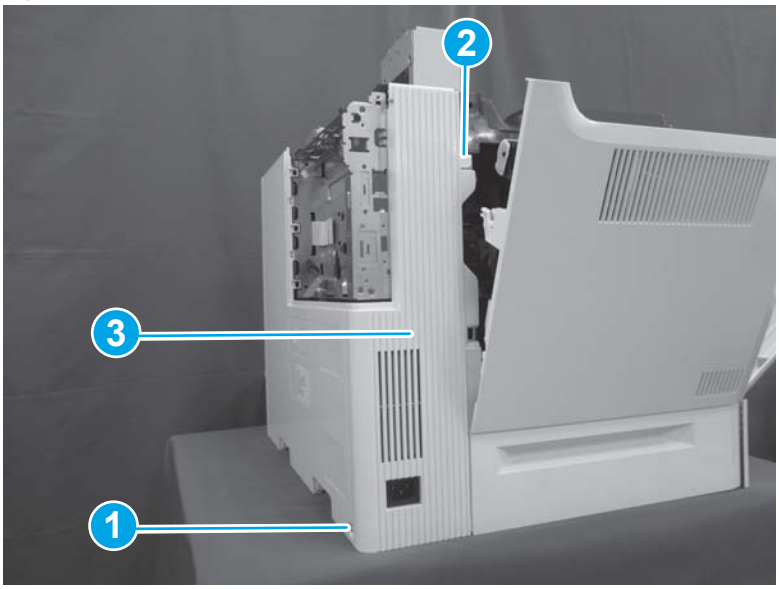
Figure 1-528 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-529 Remove the left rear cover



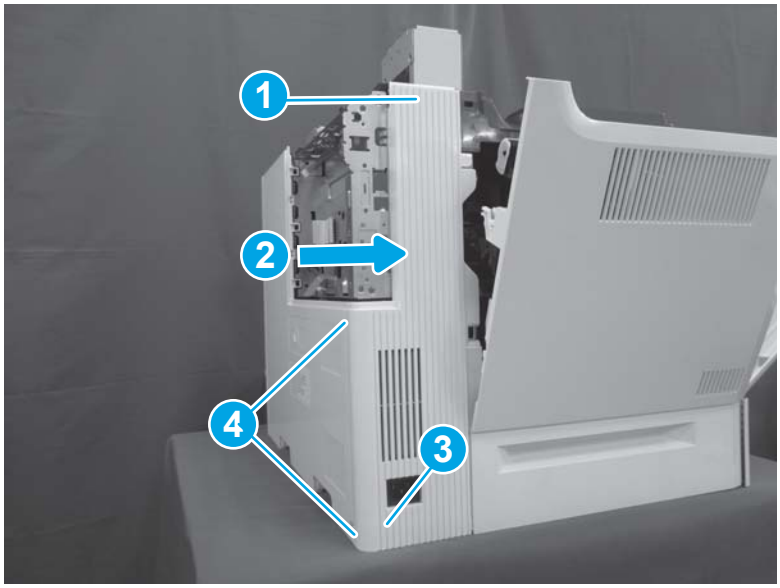
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-530 Install the left rear cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Output bin

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 15: Remove the output bin
- Step 16: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the output bin.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Output bin part number	
RM2-1953-000CN	Output bin

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

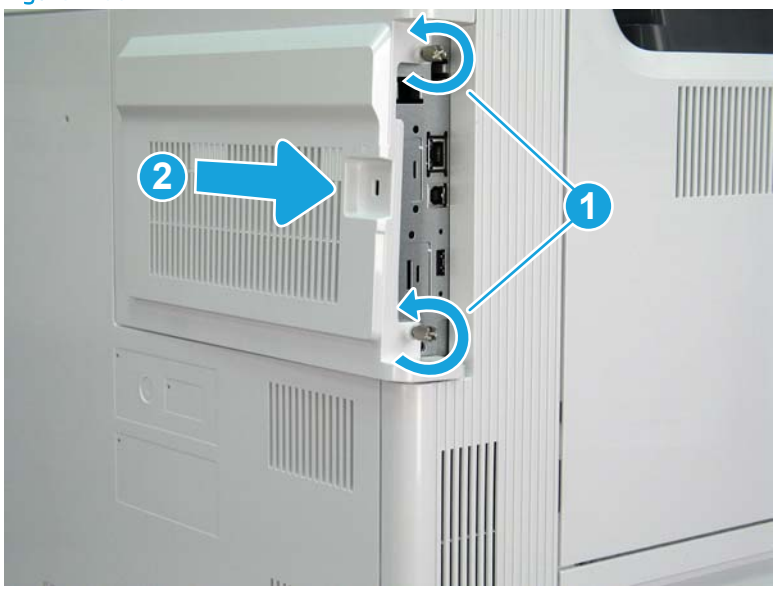
No post service test is available for this assembly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-531 Remove the formatter cover



Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for the M681/M682/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160/E67650 models, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

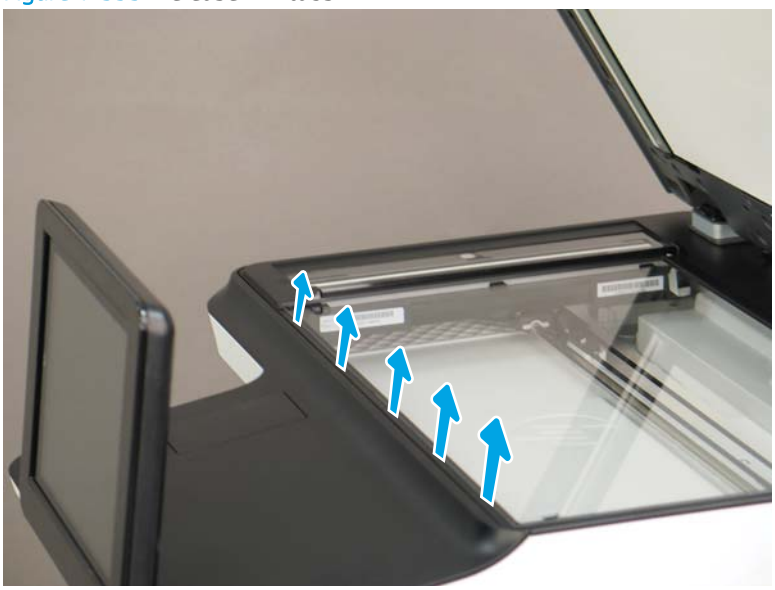
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-532 Tilt the control panel and open the document feeder



2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-533 Release fiv tabs



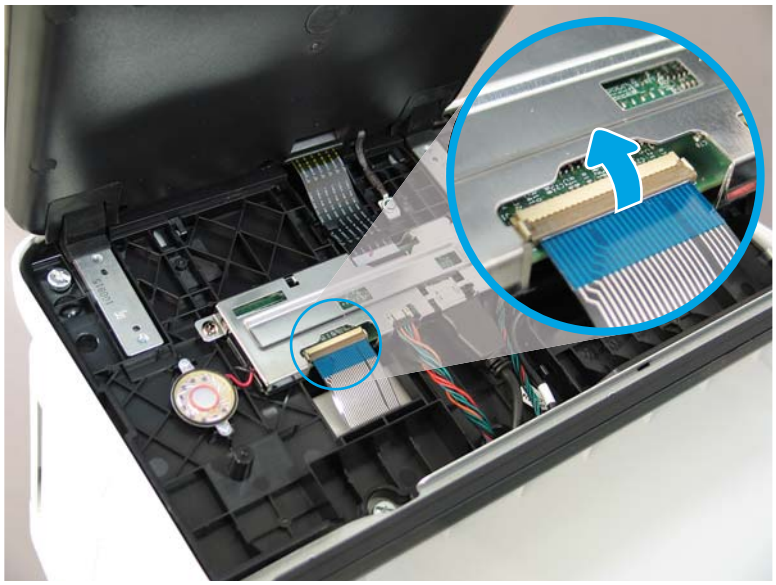
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-534 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-535 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-536 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-537 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-538 Remove the keyboard



Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

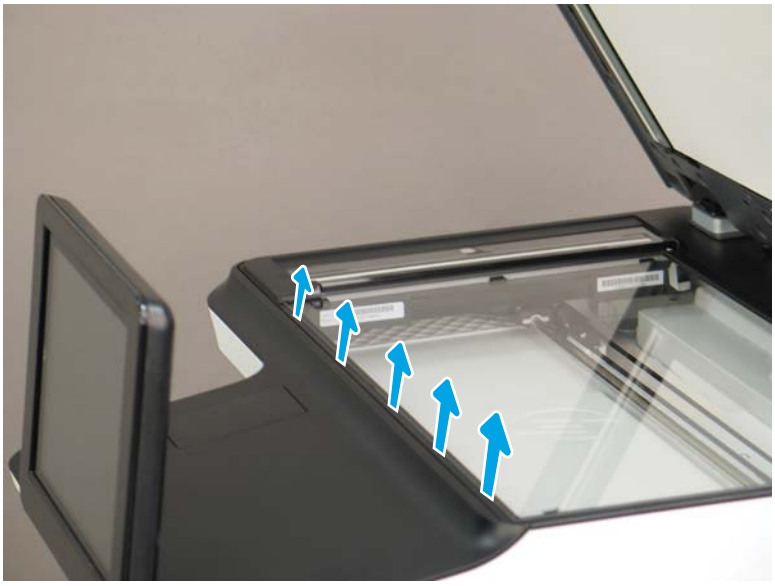
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-539 Tilt the control panel forward and open the document feeder



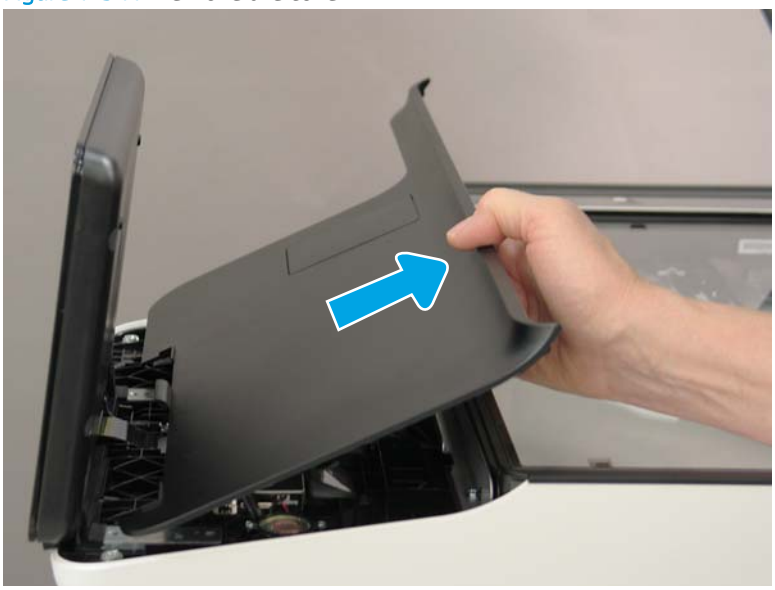
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-540 Release fiv tabs



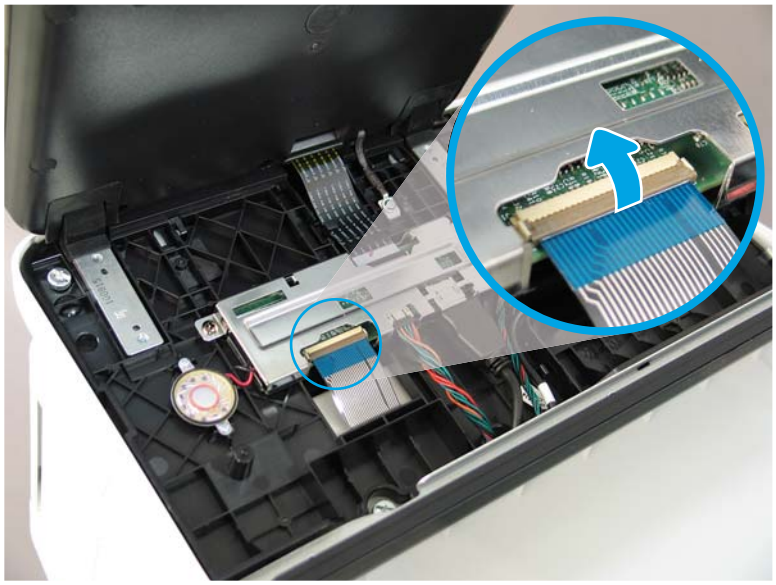
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-541 Remove the cover



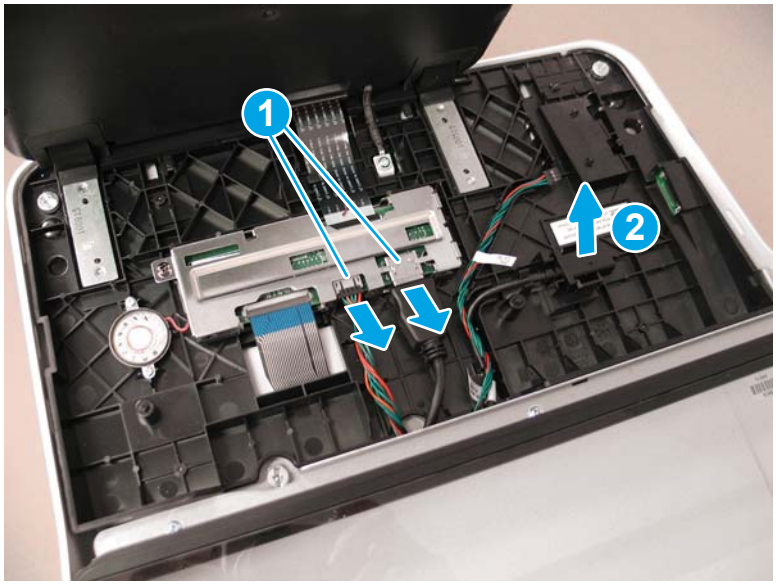
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-542 Disconnect the keyboard fla cable (keyboard models only)



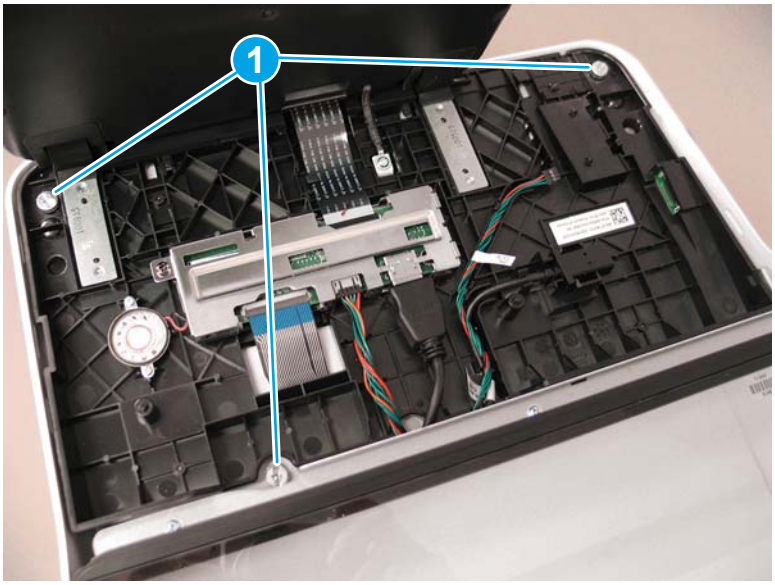
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-543 Disconnect connectors



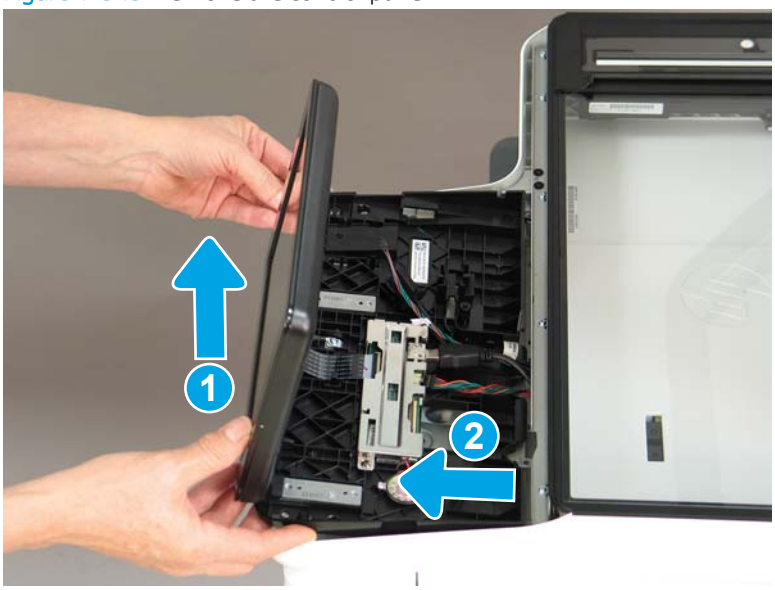
6. Remove three thumbscrews (callout 1).

Figure 1-544 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-545 Remove the control panel

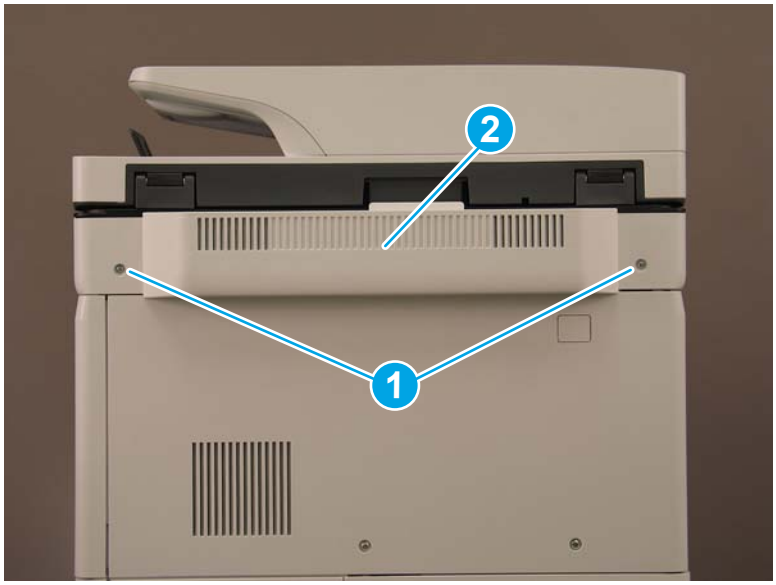


Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

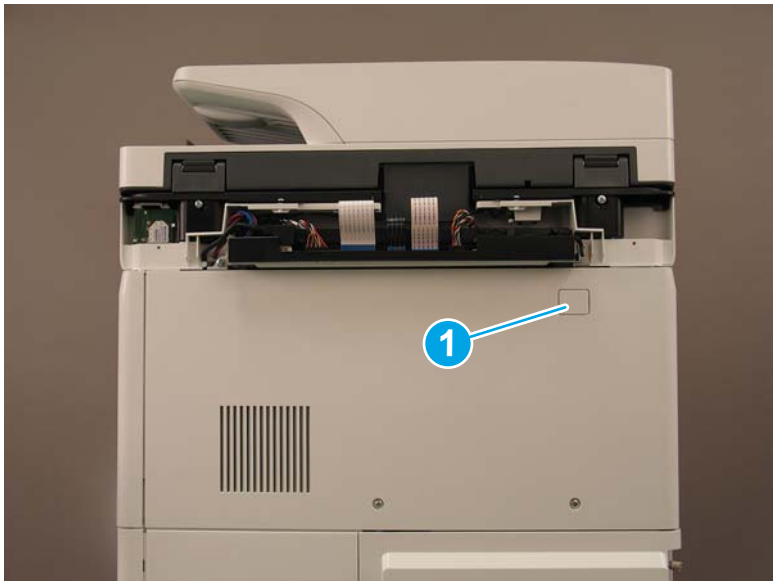
Figure 1-546 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

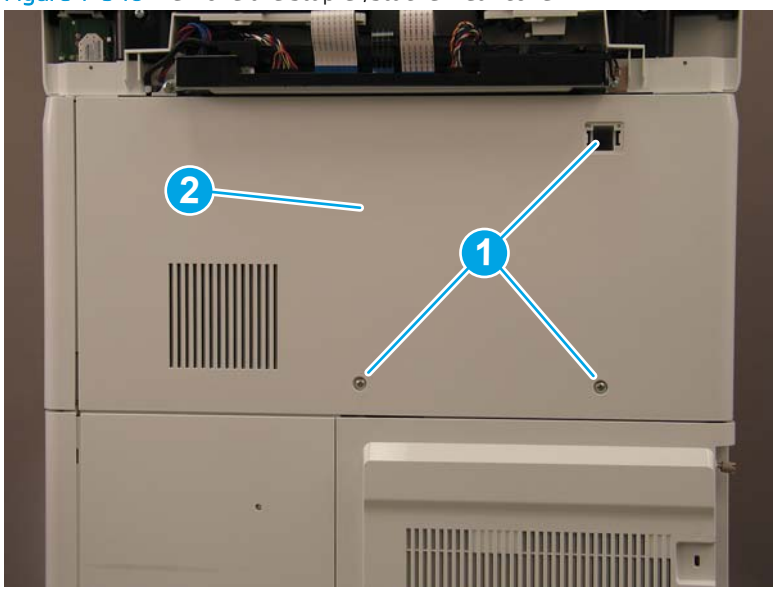
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-547 Remove the small cover



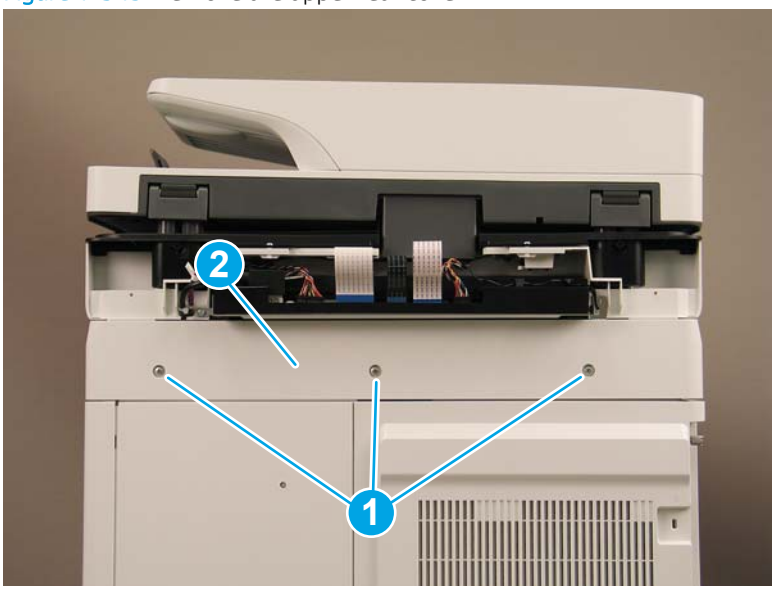
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-548 Remove the stapler/stacker rear cover



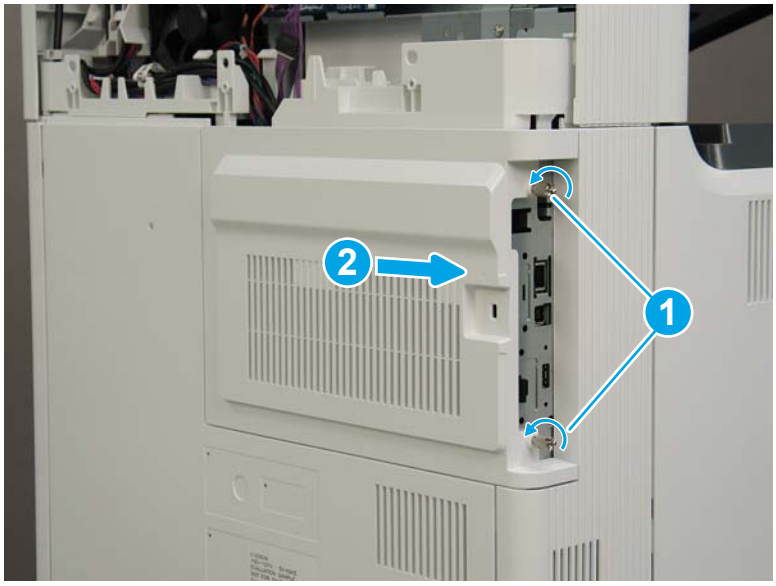
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-549 Remove the upper rear cover



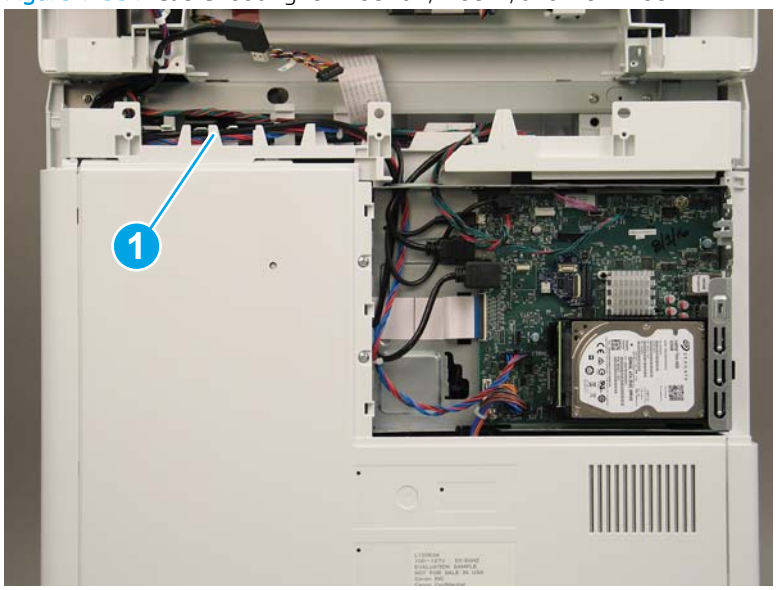
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-550 Remove the formatter cover



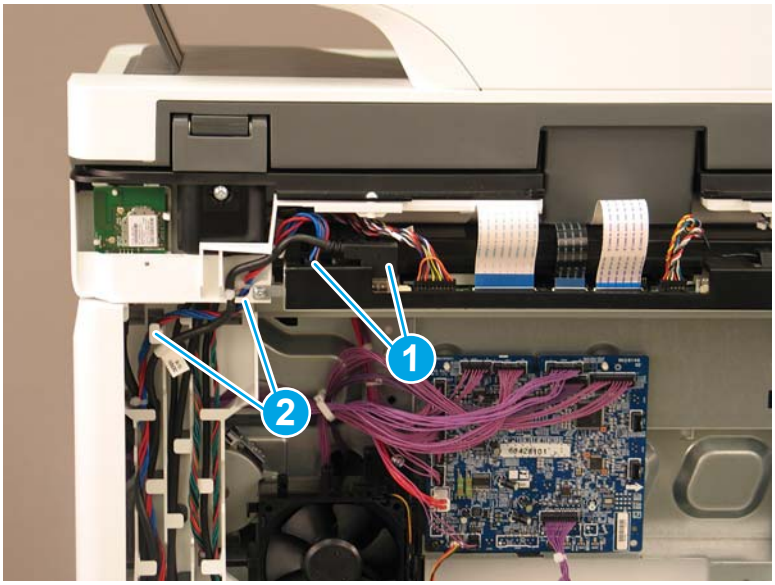
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-551 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-552 Disconnect two connectors



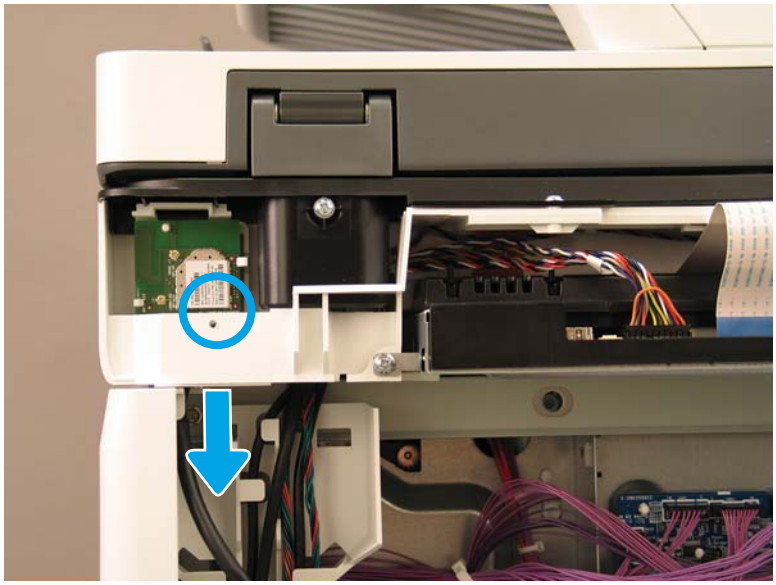
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-553 Disconnect fiv connectors



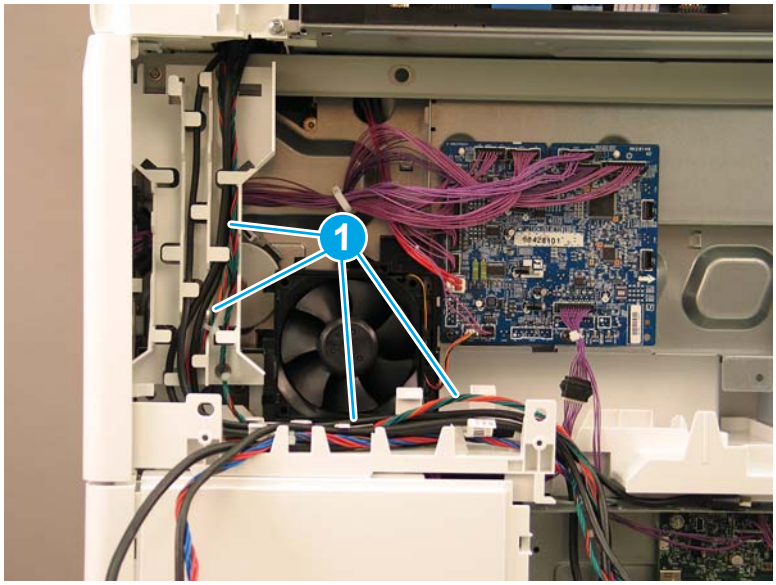
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-554 Disconnect the wireless connector



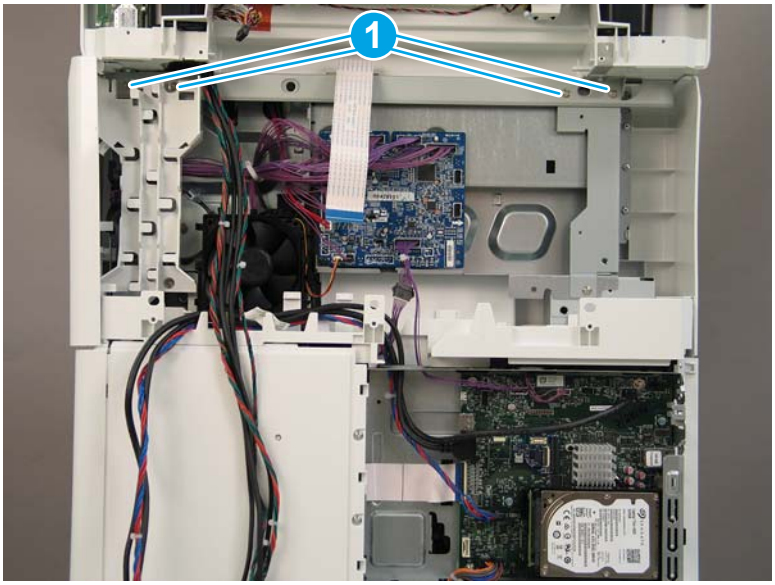
9. Release all of the cables from the cable guides (callout 1).

Figure 1-555 Release the cables



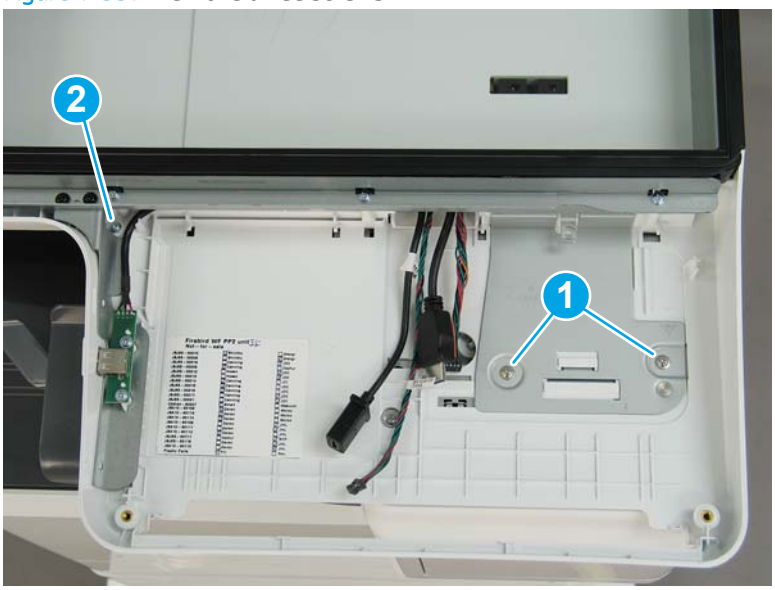
10. At the back of the printer, remove four screws (callout 1).

Figure 1-556 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-557 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-558 Remove the document feeder and image scanner



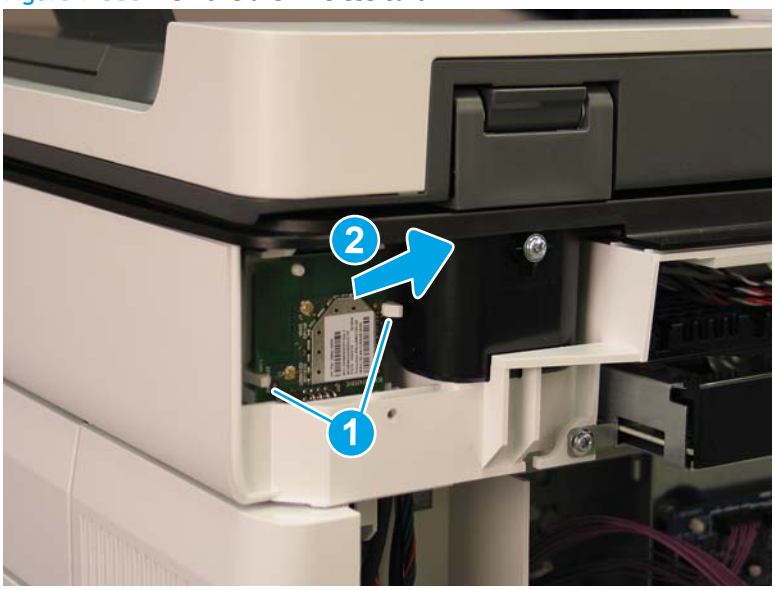
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-559 Remove the wireless card



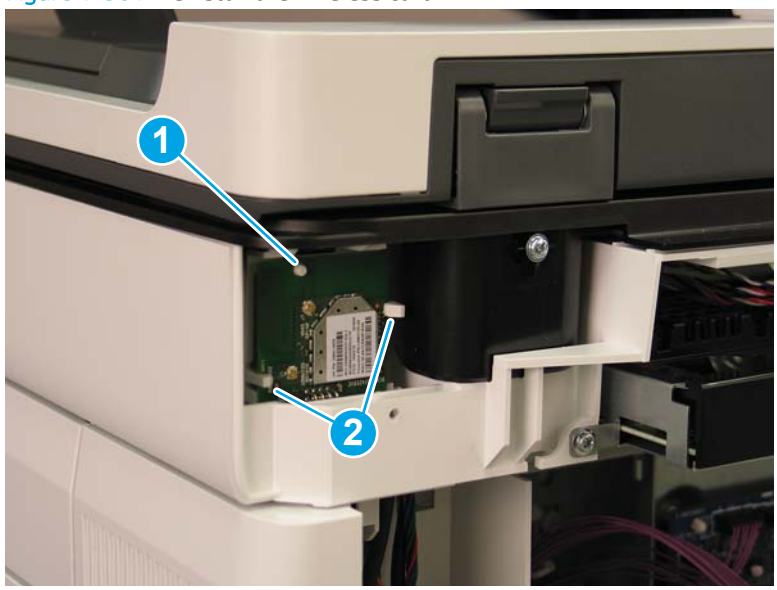
ii. Connect the cable to the wireless card (callout 1).

Figure 1-560 Connect the wireless card connector



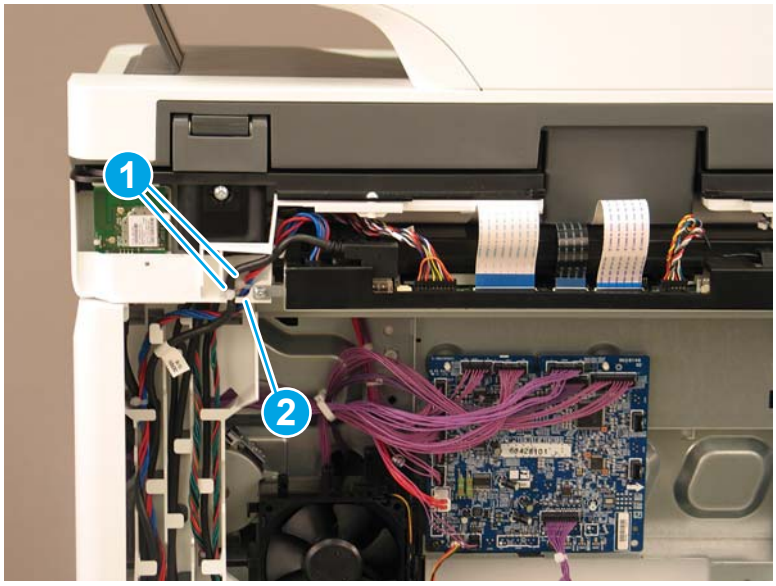
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-561 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-562 Install the SCB cables



Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

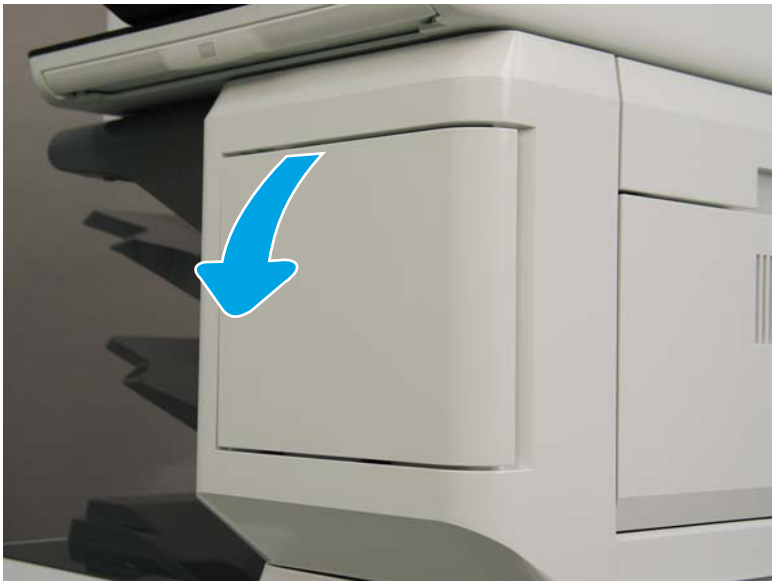
1. Open the front door.

Figure 1-563 Open the front door



2. Open the stapler door.

Figure 1-564 Open the stapler door



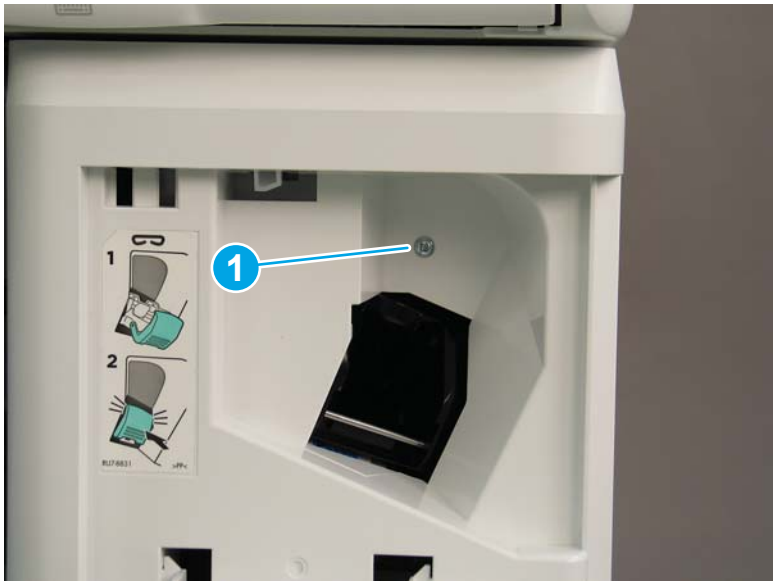
3. Release the latch, and then remove the staple cartridge.

Figure 1-565 Remove the staple cartridge



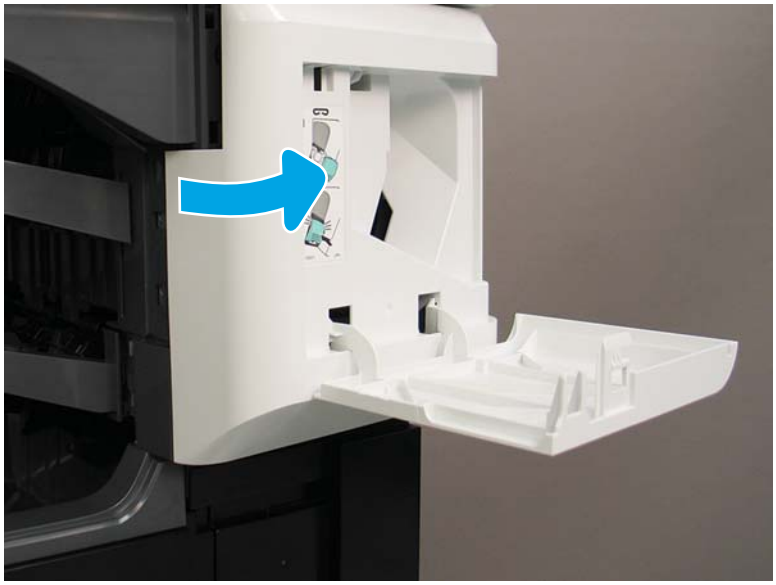
4. Remove one screw (callout 1).

Figure 1-566 Remove one screw



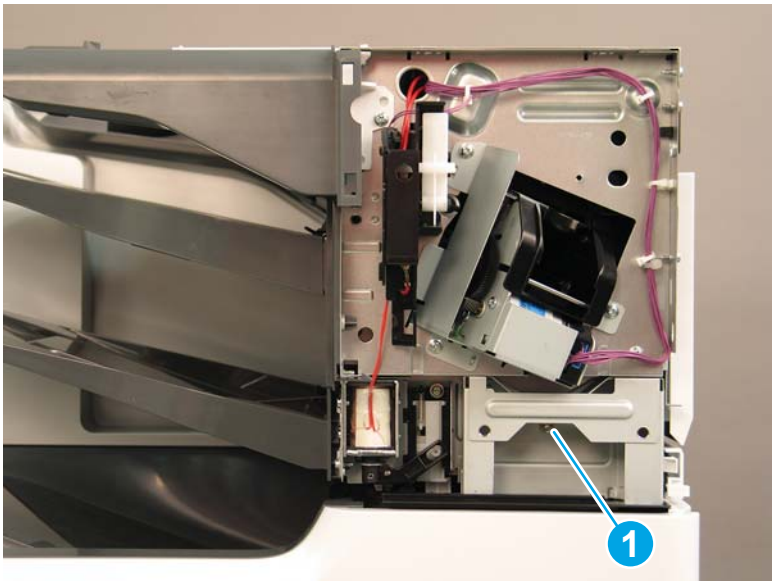
5. Rotate the stapler cover to the right to remove it.

Figure 1-567 Remove the stapler cover



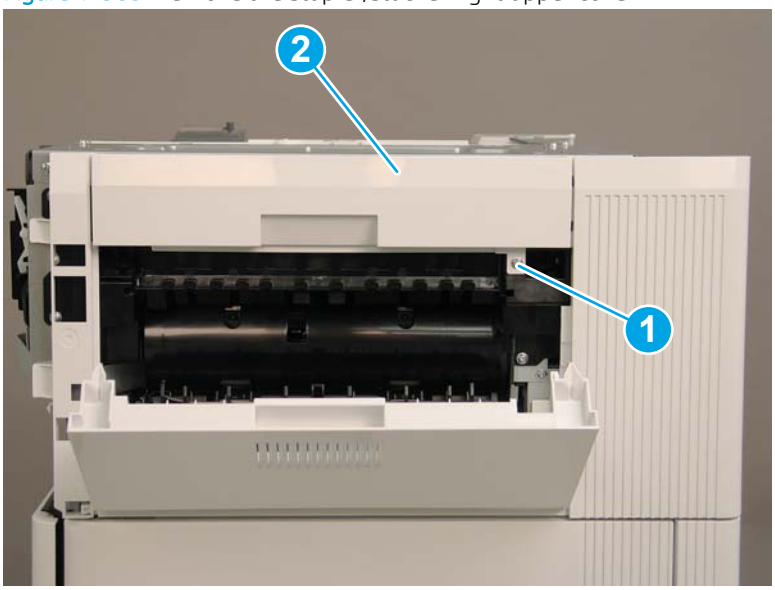
6. Remove one screw (callout 1).

Figure 1-568 Remove one screw



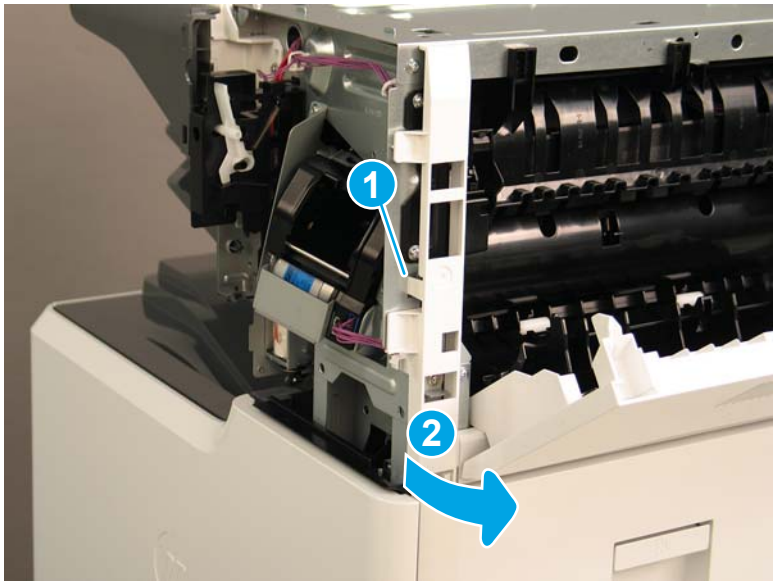
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-569 Remove the stapler/stacker right upper cover



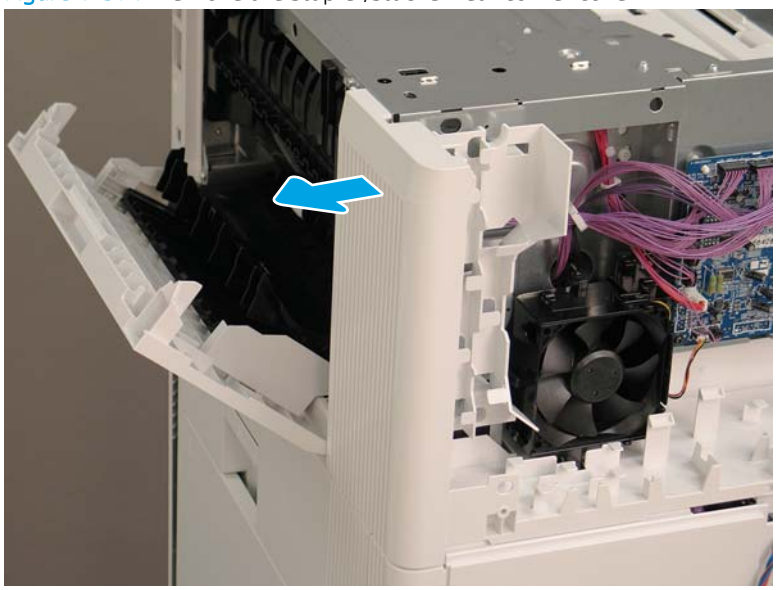
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-570 Remove the stapler rear cover



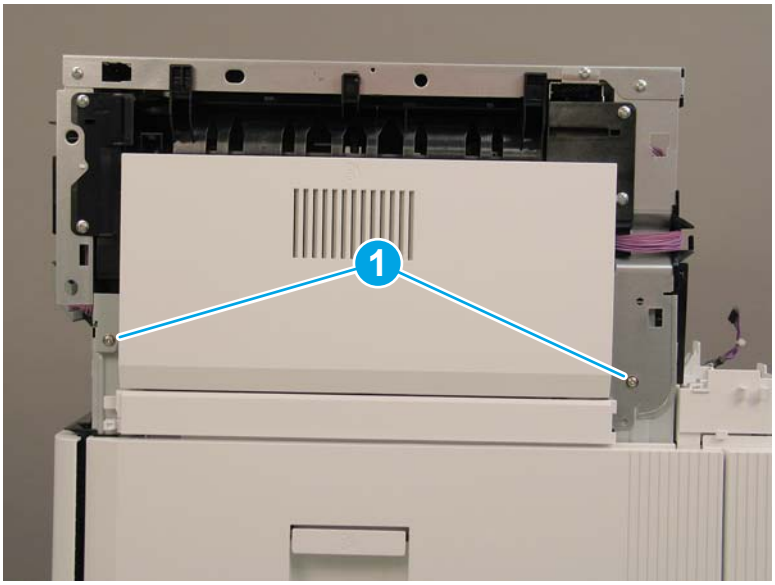
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-571 Remove the stapler/stacker rear corner cover



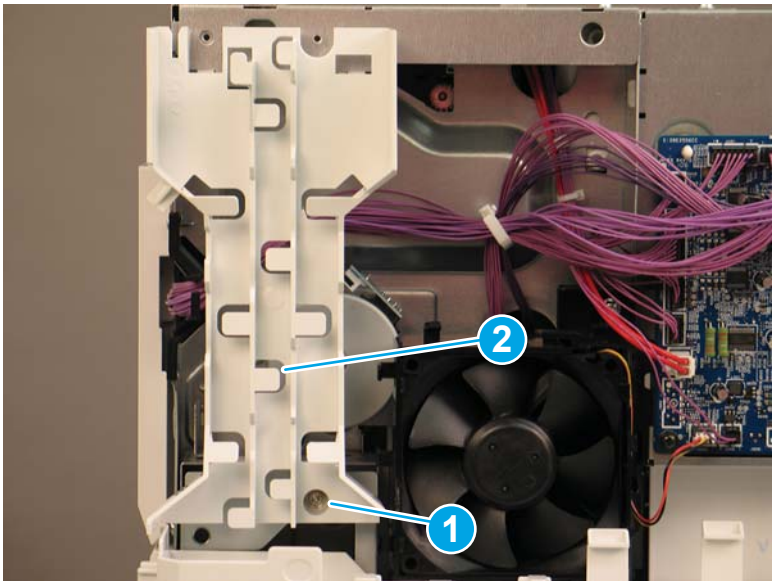
10. Remove two screws (callout 1).

Figure 1-572 Remove two screws



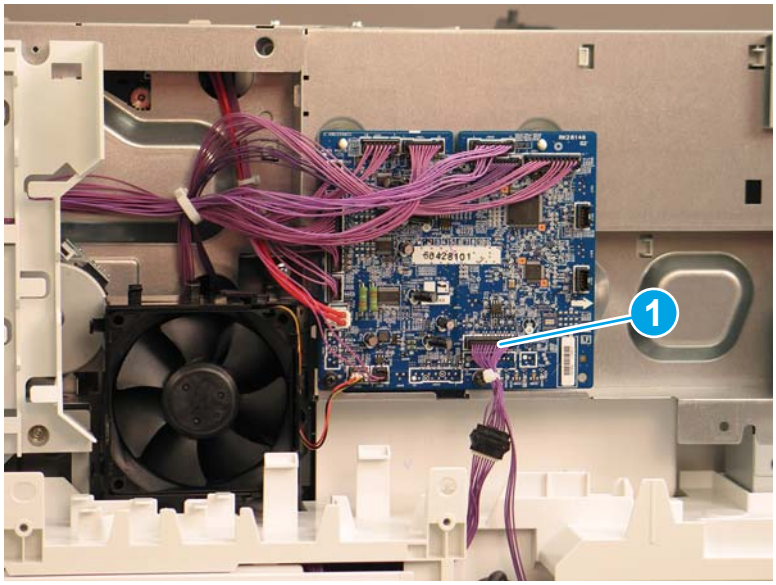
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-573 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

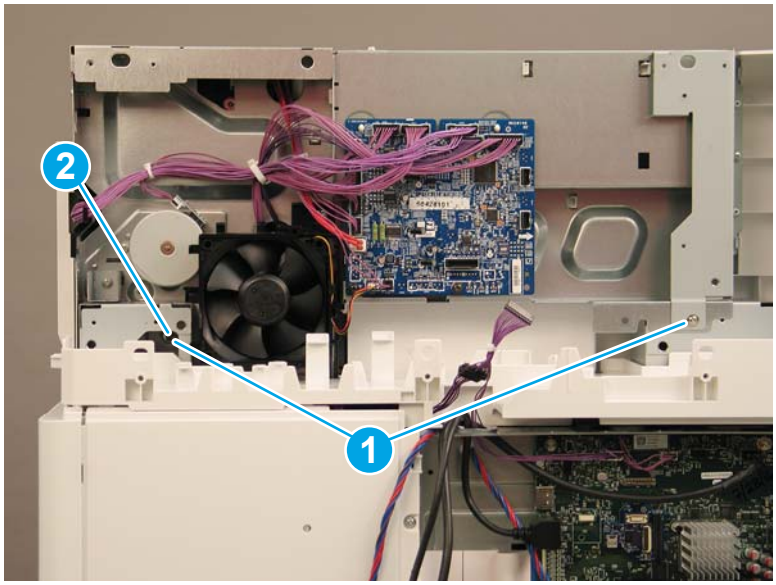
Figure 1-574 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

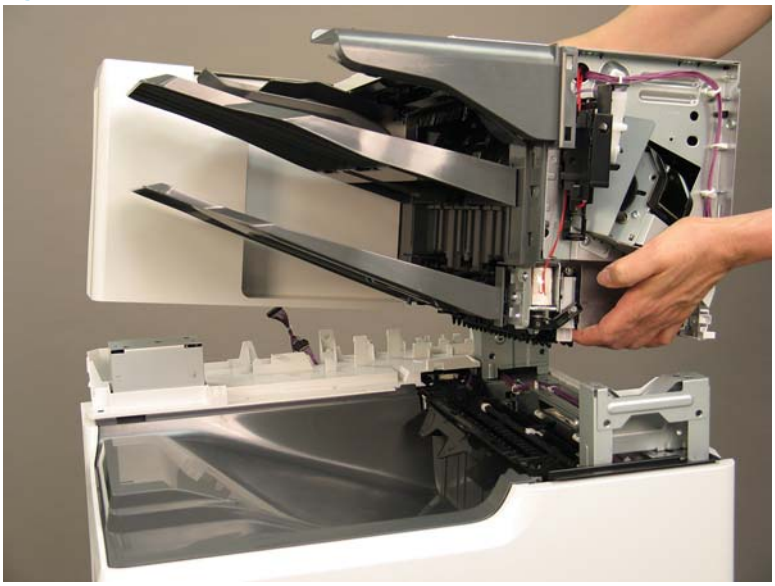
Figure 1-575 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-576 Remove the stapler/stacker

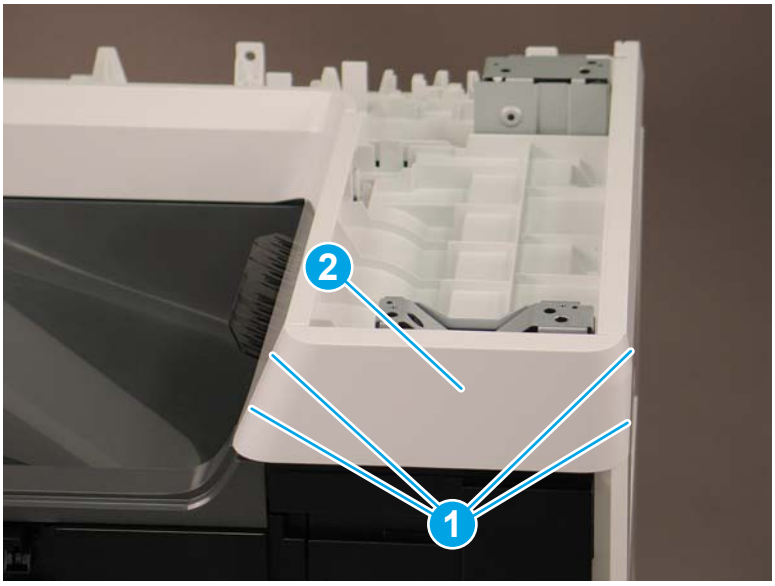


Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-577 Remove the face-down front cover



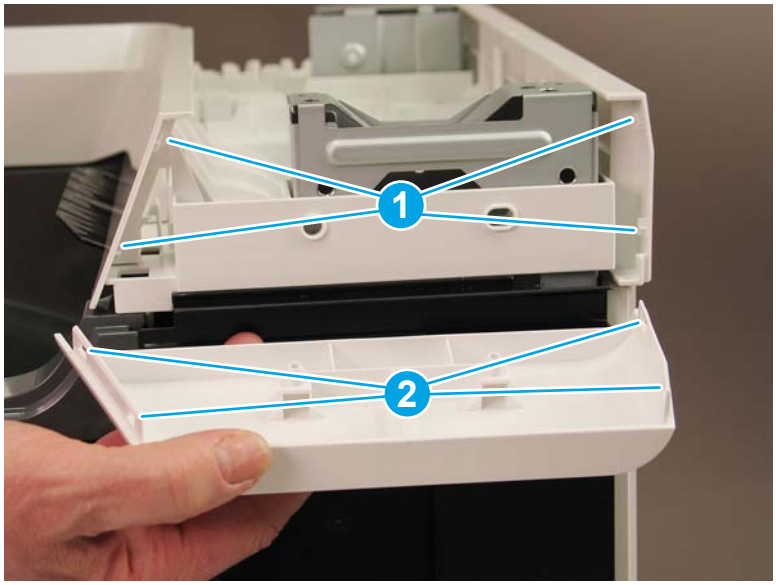
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-578 Install the cover



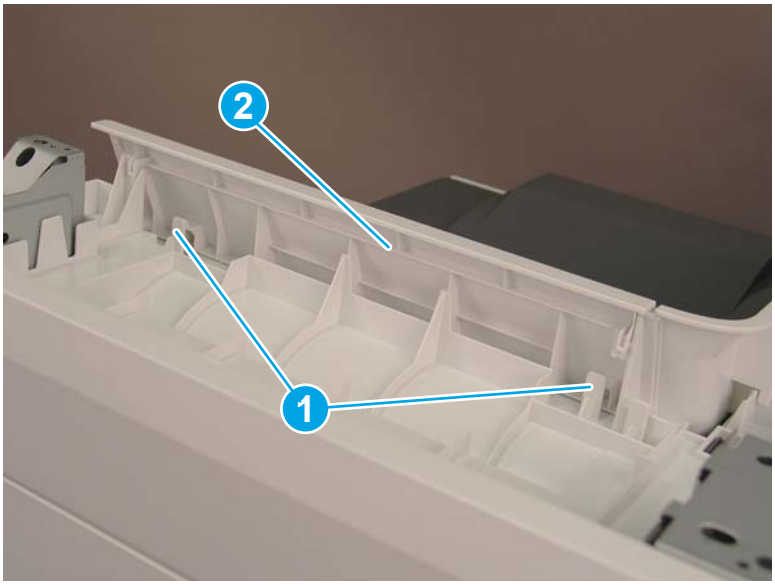
Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-579 Remove the top cover



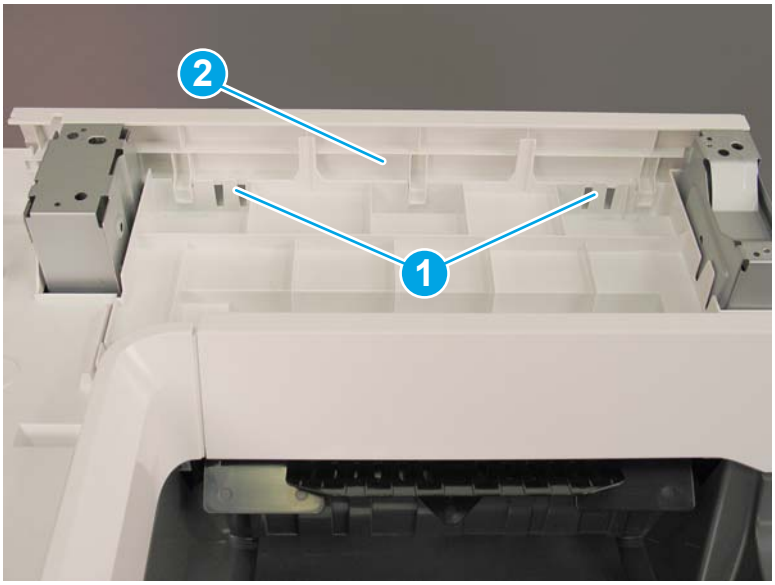
Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-580 Remove the right cover



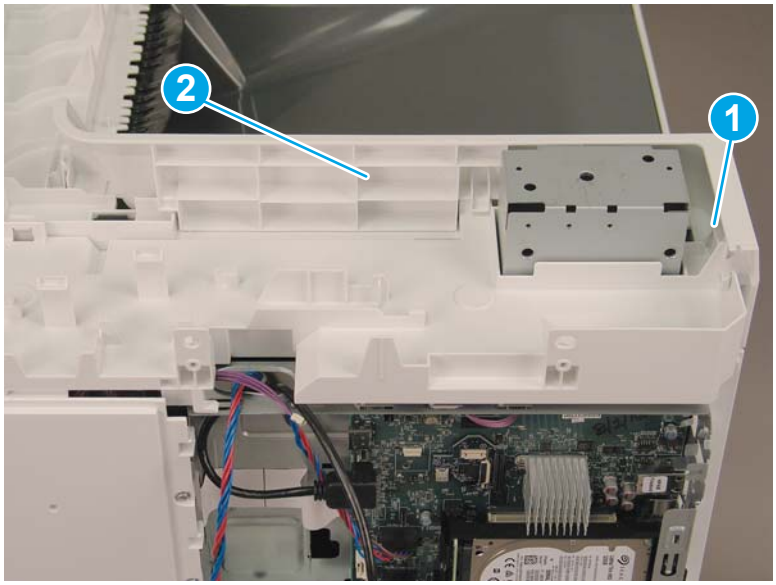
Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-581 Remove the front cover



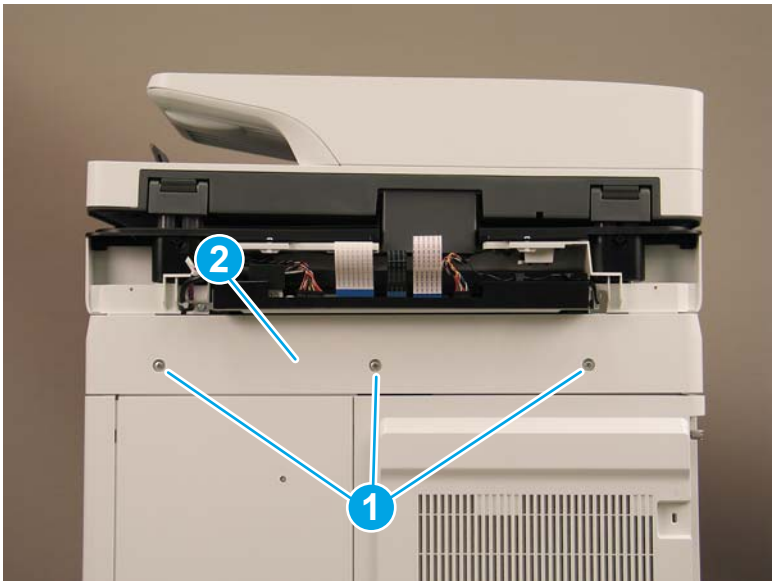
Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

▲ Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-582 Remove the rear upper cover



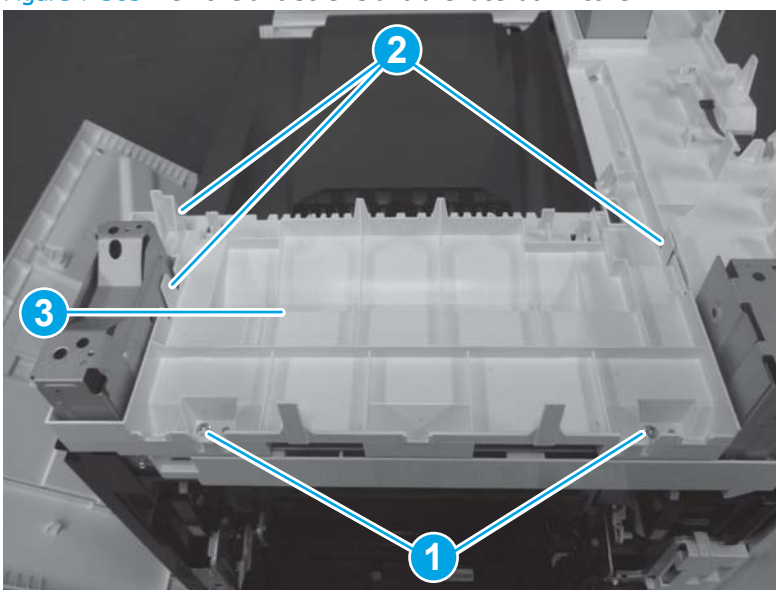
Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

▲ Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-583 Remove two screws and the face-down cover

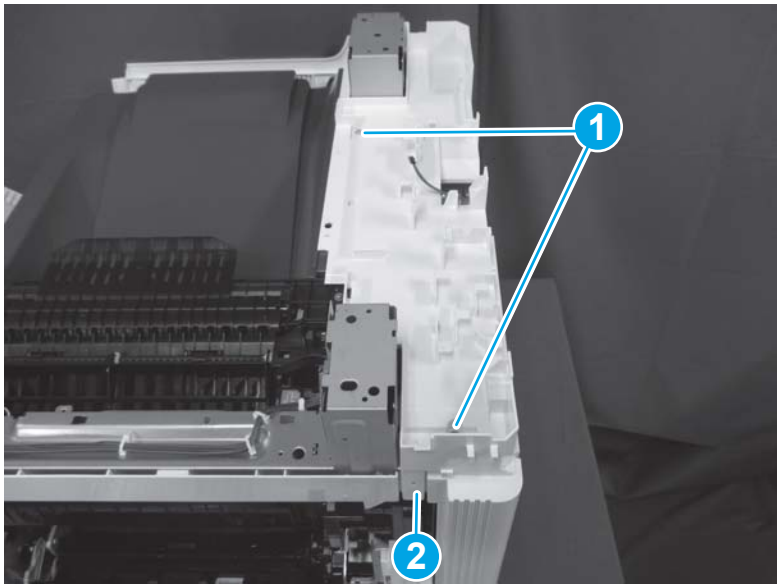


Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 376

1. Remove two screws (callout 1), and then release one tab (callout 2).

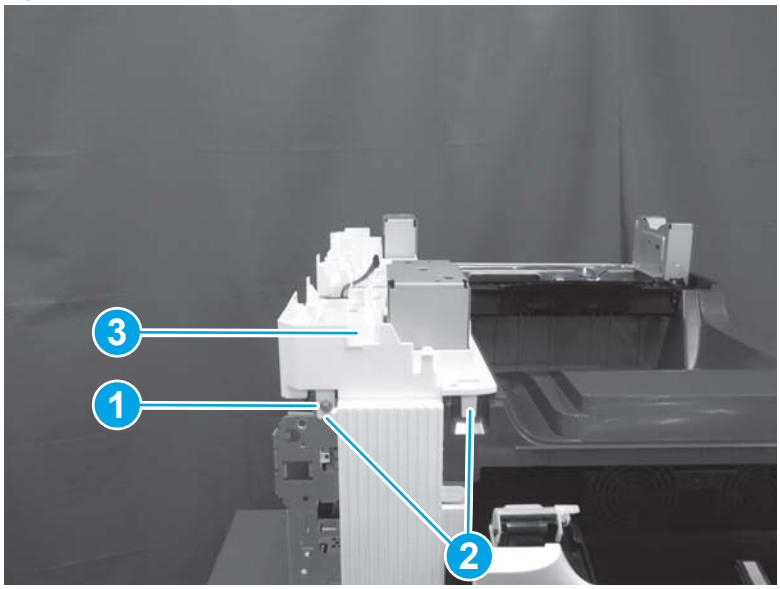
Figure 1-584 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-585 Remove one screw and the main cover



Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 15: Remove the output bin on page 380

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-586 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-587 Remove the cover



3. Remove one thumbscrew (callout 1)

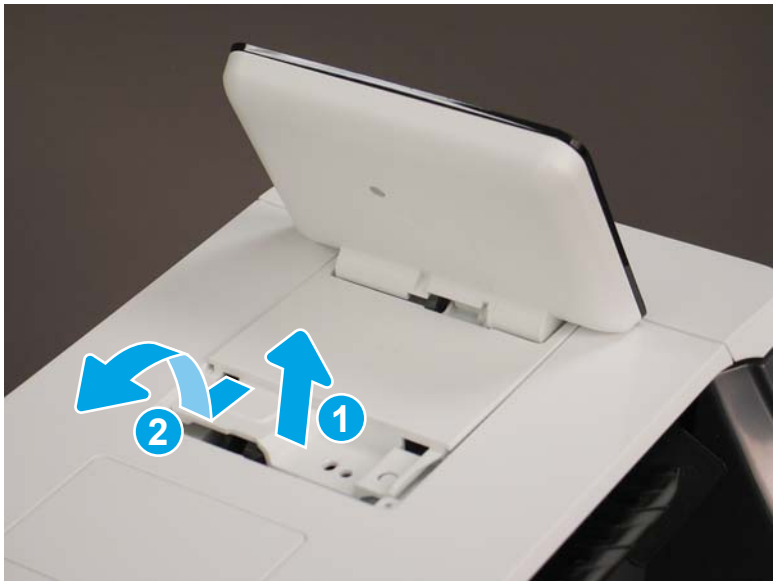
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-588 Remove one thumbscrew



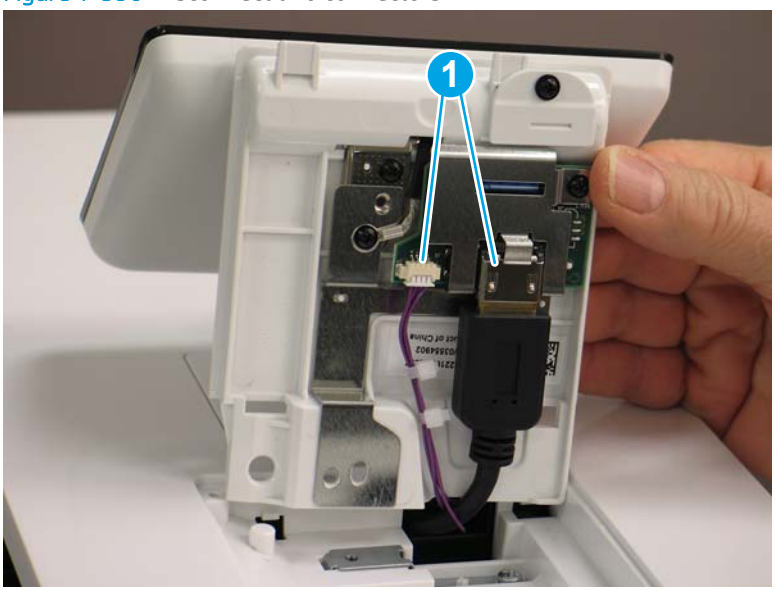
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-589 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-590 Disconnect two connectors



6. Remove the control panel.

Figure 1-591 Remove the control panel



Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

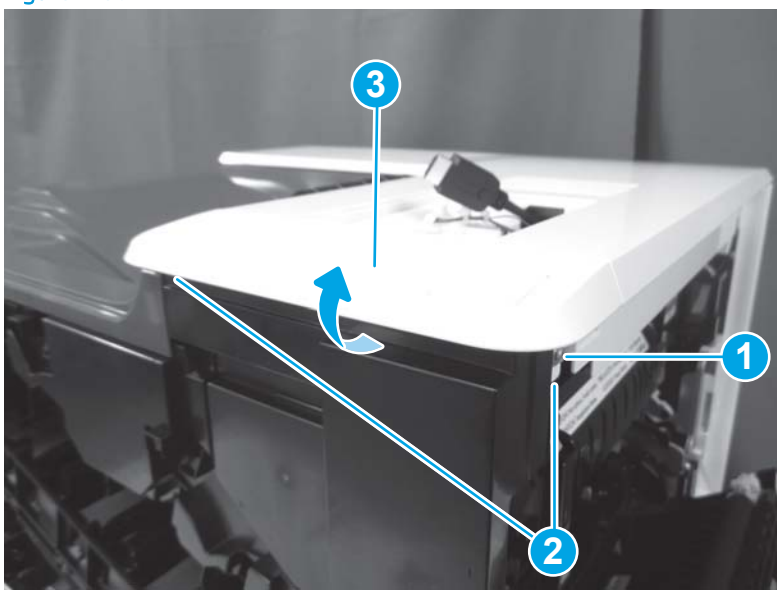
NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 15: Remove the output bin on page 380

1. Open the following doors:

- Front door
- Left door
- Right door

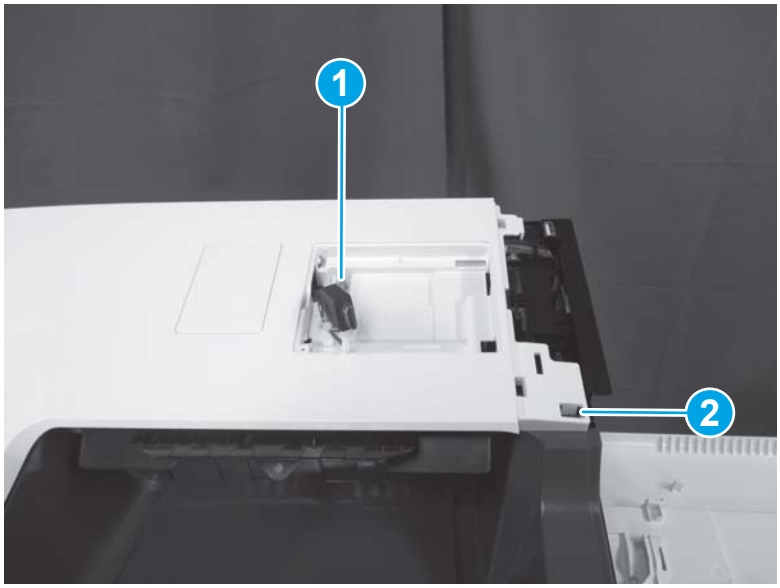
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-592 Remove the NFC cover



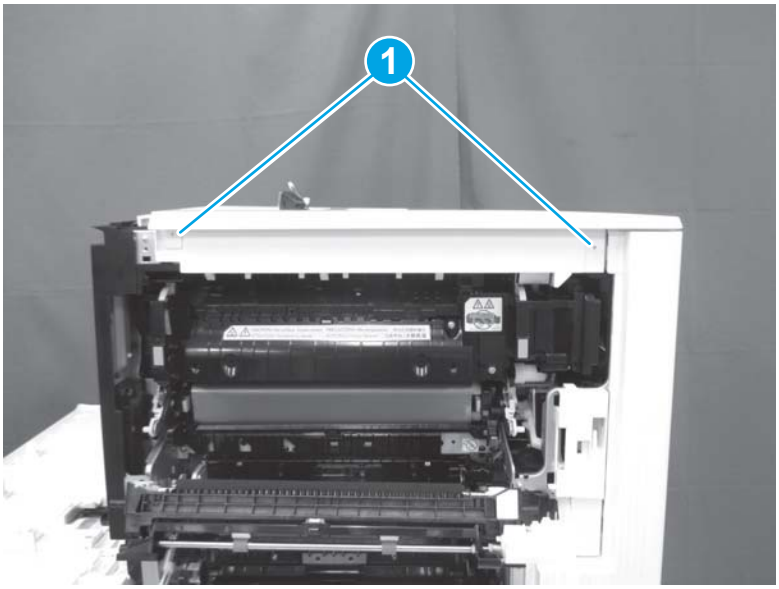
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-593 Remove one screw and release one tab



4. Release two tabs (callout 1).

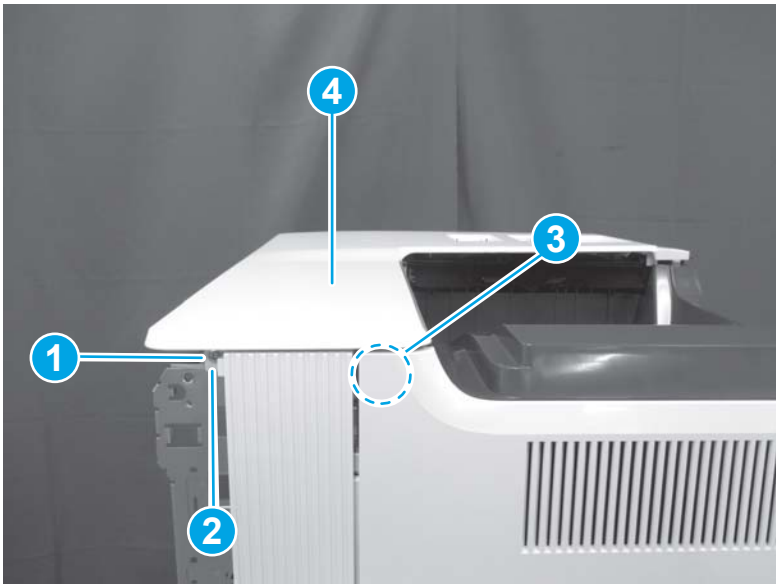
Figure 1-594 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-595 Remove the top cover



Step 15: Remove the output bin

1. Open the following doors:

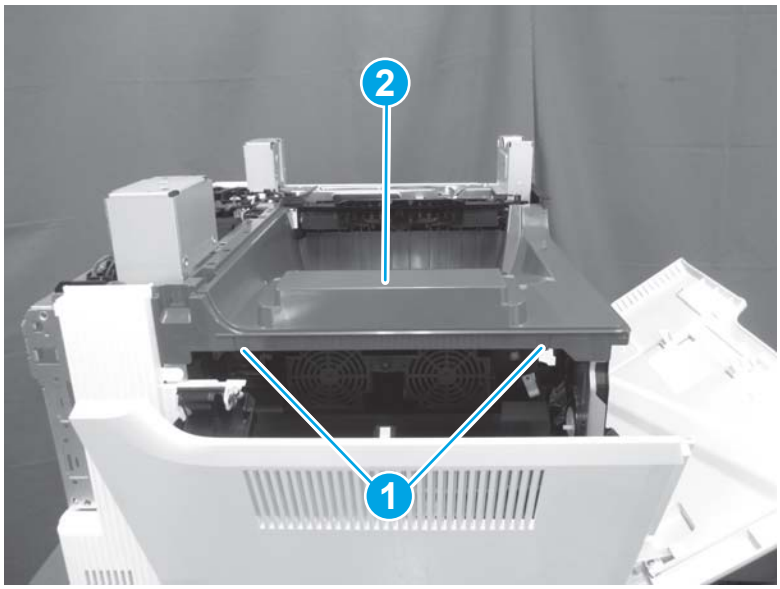
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-596 Remove the output bin



Step 16: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear cover

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear cover.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear cover part number	
RM2-1951-000CN	Rear cover

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

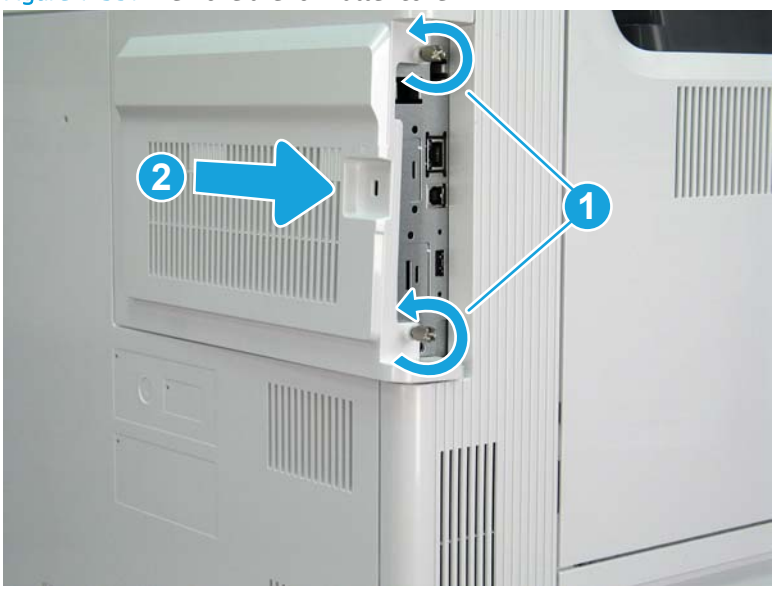
No post service test is available for this assembly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

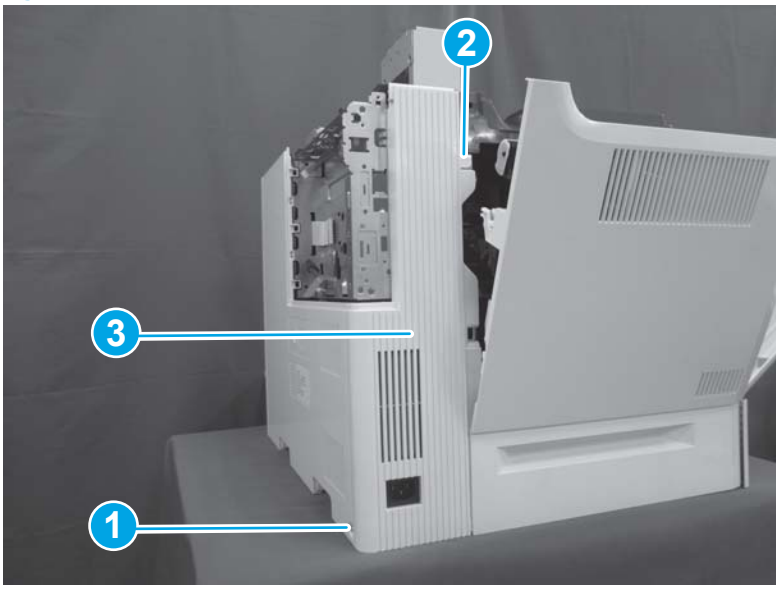
Figure 1-597 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-598 Remove the left rear cover



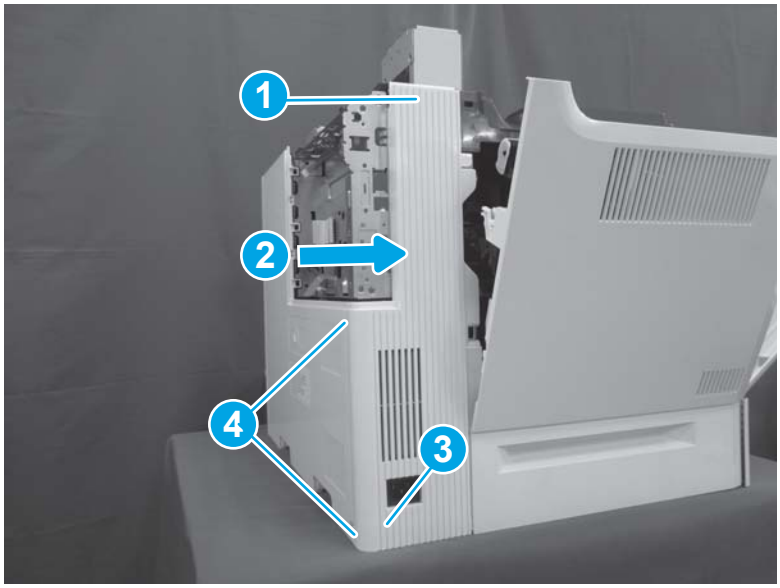
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-599 Install the left rear cover

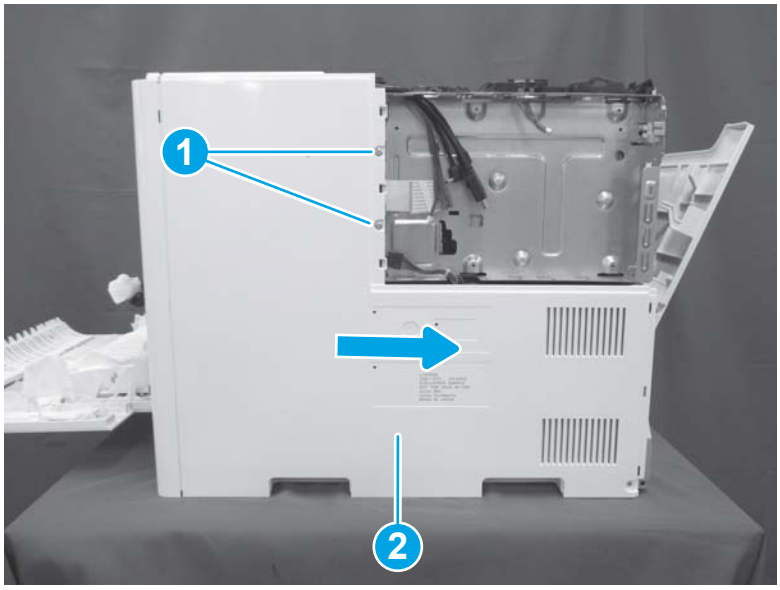


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-600 Remove two screws and the rear cover



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right rear cover

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the right rear cover
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right rear cover.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right rear cover part number	
RC4-6425-000CN	Right rear cover

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

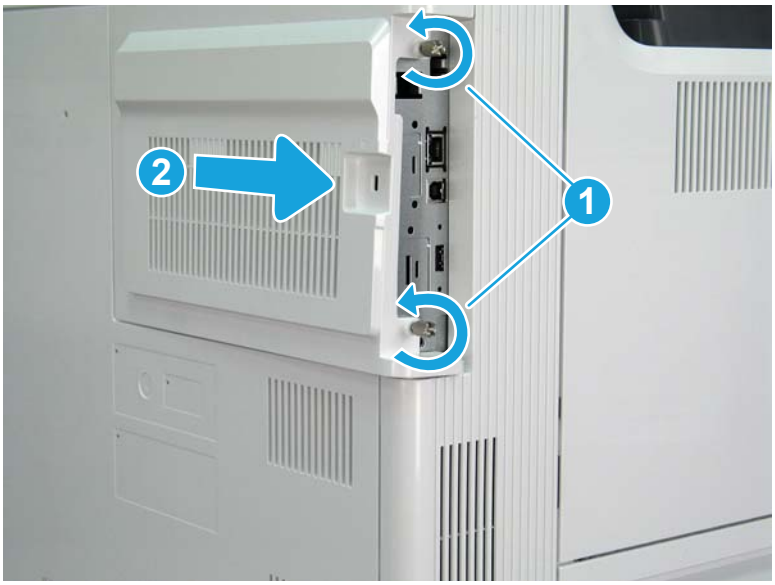
No post service test is available for this assembly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

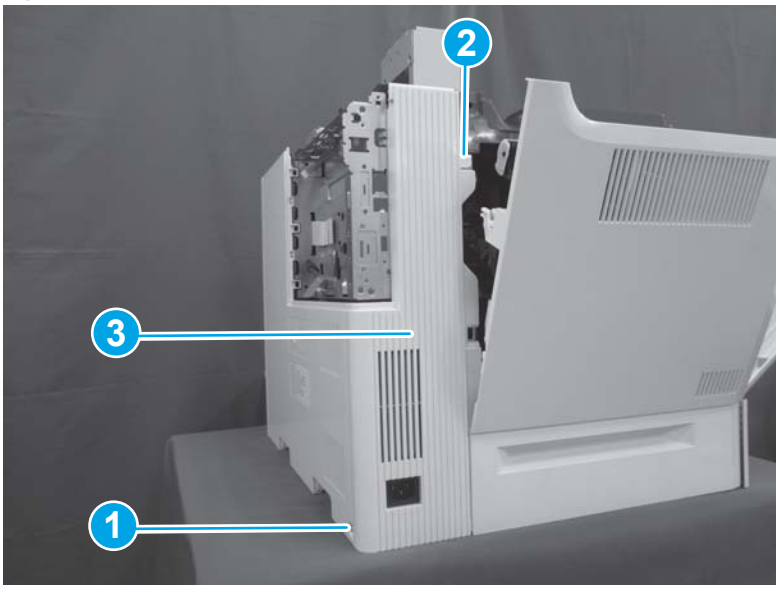
Figure 1-601 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-602 Remove the left rear cover



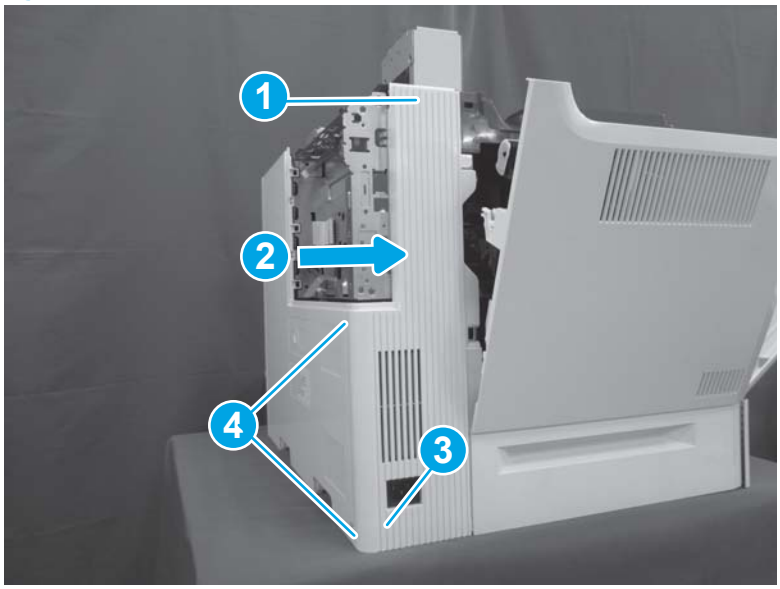
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-603 Install the left rear cover

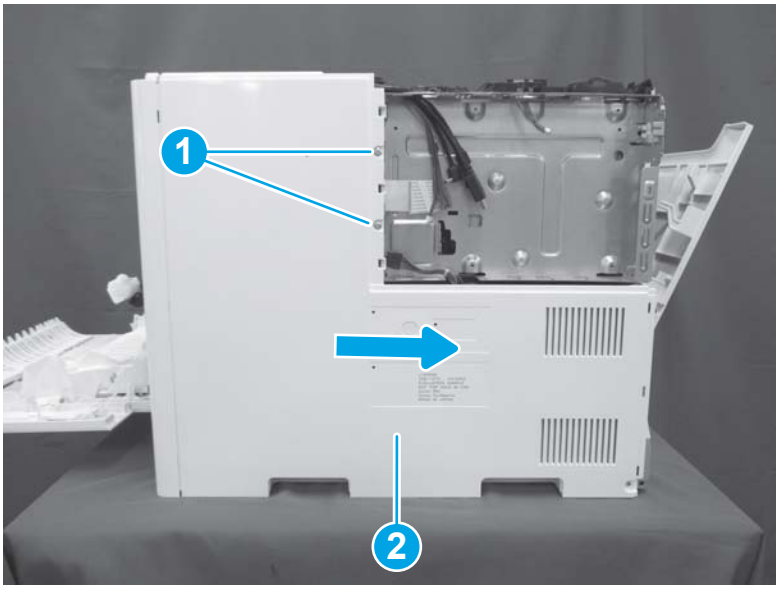


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-604 Remove two screws and the rear cover

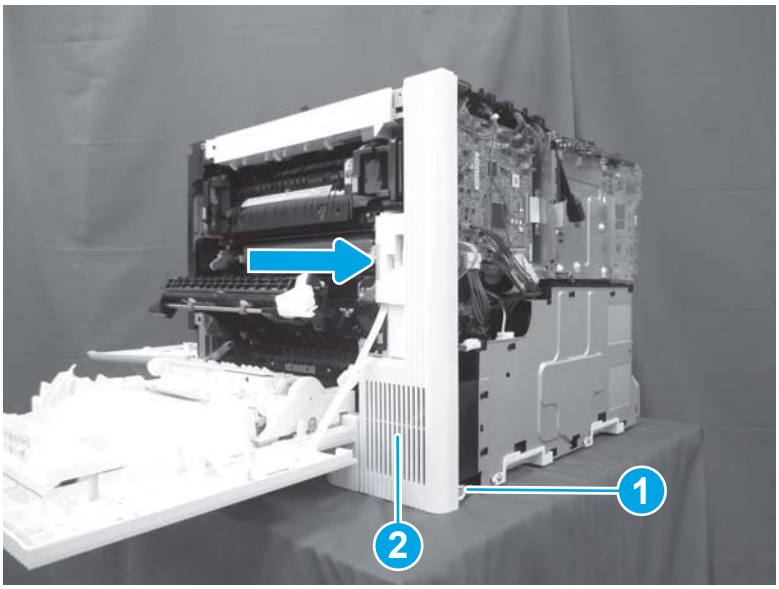


Step 4: Remove the right rear cover

▲ Remove one screw (callout 1), and then slide the right rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-605 Remove one screw and the right rear cover



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right handle

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the right rear cover
- Step 5: Remove the right handle
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right handle.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right handle part number	
RM2-6659-000CN	Right handle

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

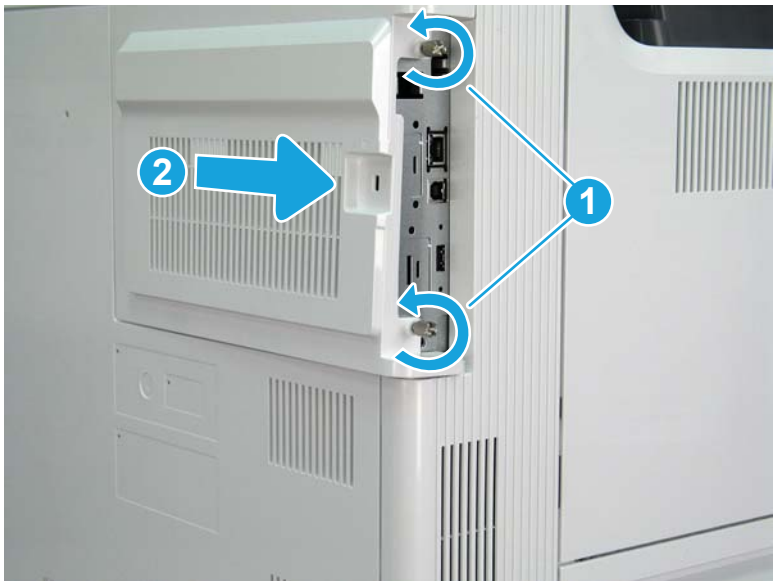
No post service test is available for this assembly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

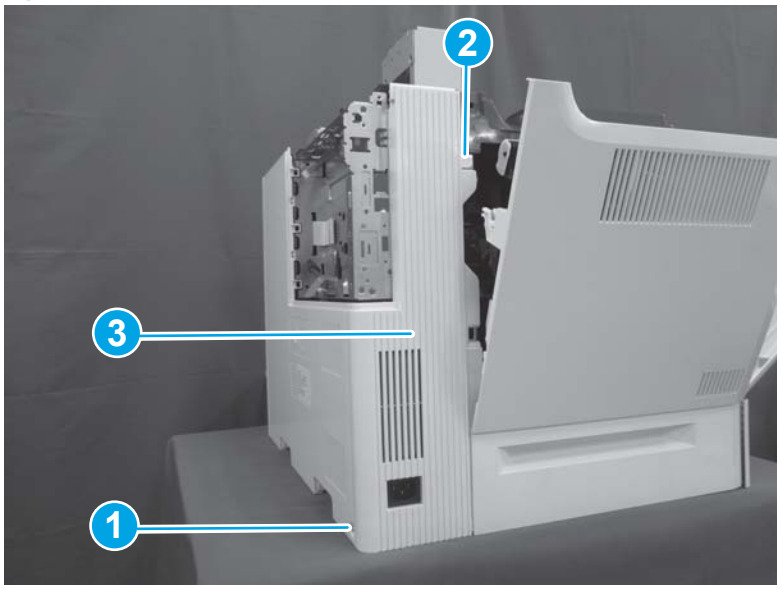
Figure 1-606 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-607 Remove the left rear cover



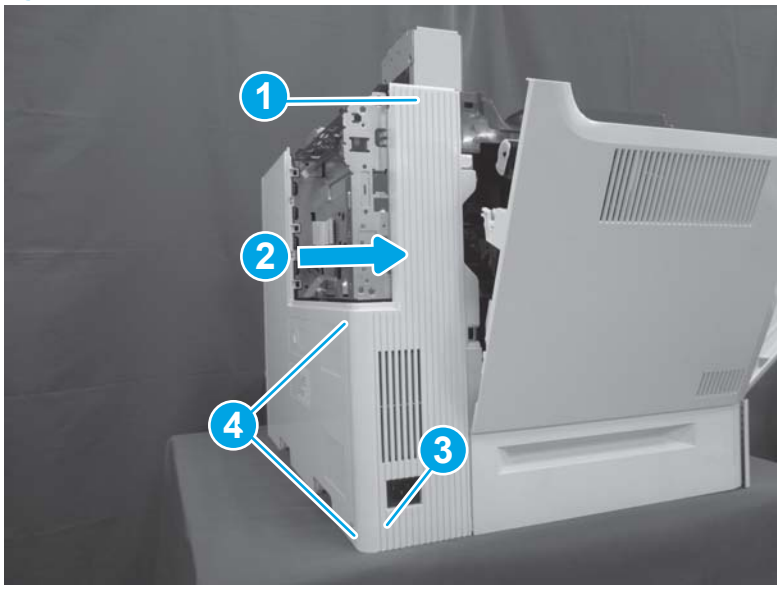
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-608 Install the left rear cover

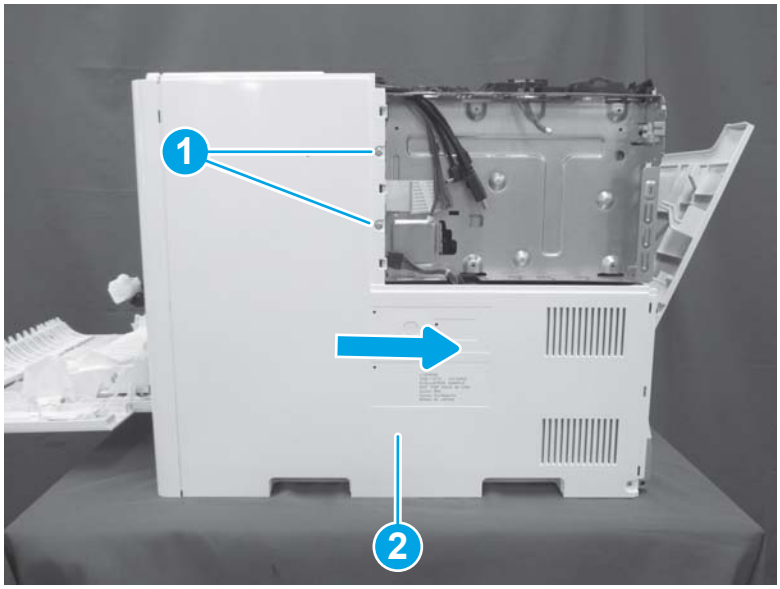


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-609 Remove two screws and the rear cover

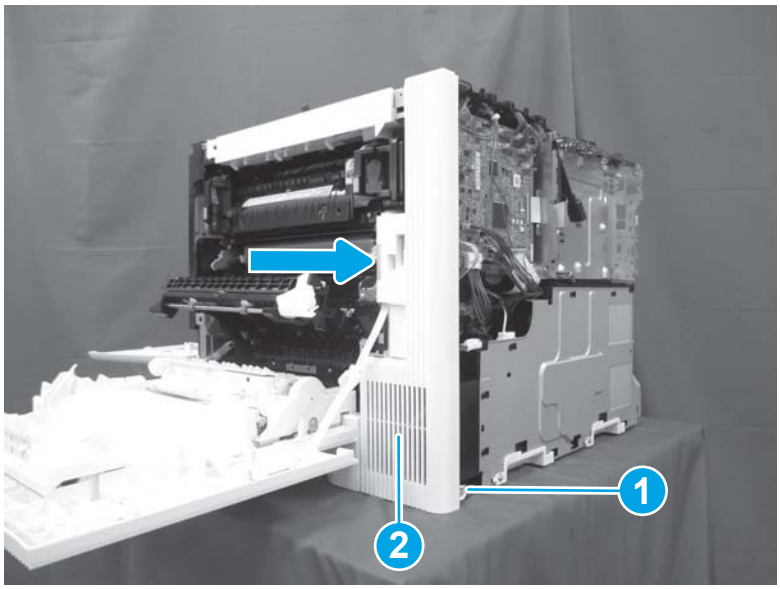


Step 4: Remove the right rear cover

▲ Remove one screw (callout 1), and then slide the right rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

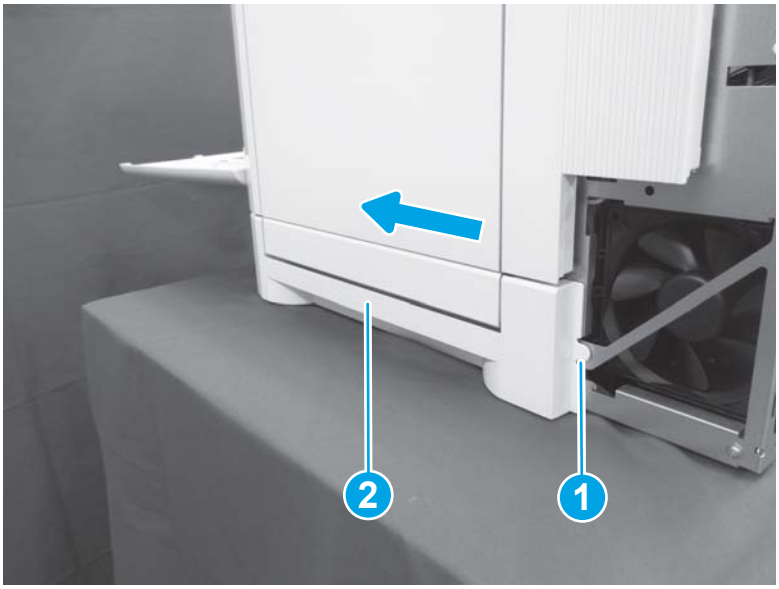
Figure 1-610 Remove one screw and the right rear cover



Step 5: Remove the right handle

1. Release one boss (callout 1), and then slide the right handle (callout 2) to the left to remove it.

Figure 1-611 Remove the right handle



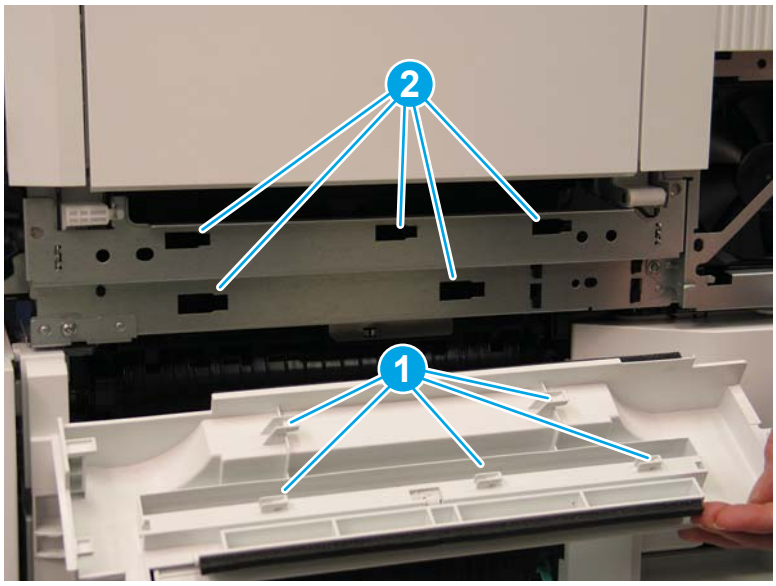
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right handle

▲ When reinstalling the right handle, install the hooks (callout 1) on the handle in the slots (callout 2) in the printer. Align the lower, right-most hook firs to ensure all the hooks are aligned, and then slide the handle to the left to lock it into position.

Figure 1-612 Install the right handle



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left handle

- Introduction
- Step 1: Remove the toner collection unit (TCU)
- Step 2: Remove the left rear cover
- Step 3: Remove the left door
- Step 4: Remove the left handle
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left handle.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left handle part number	
RM2-1958-000CN	Left handle

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

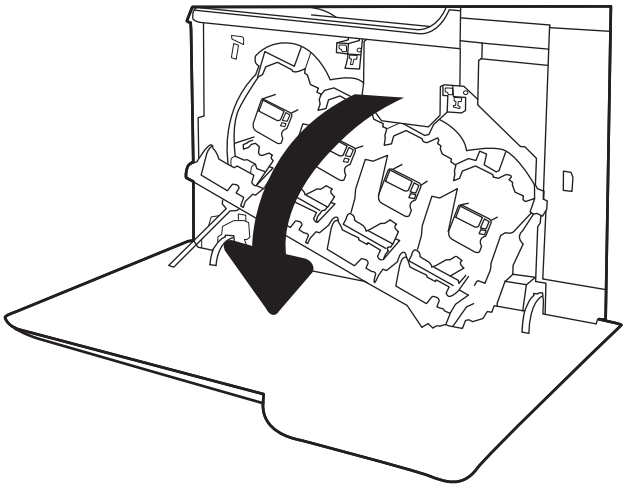
Step 1: Remove the toner collection unit (TCU)

NOTE: The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

CAUTION: If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

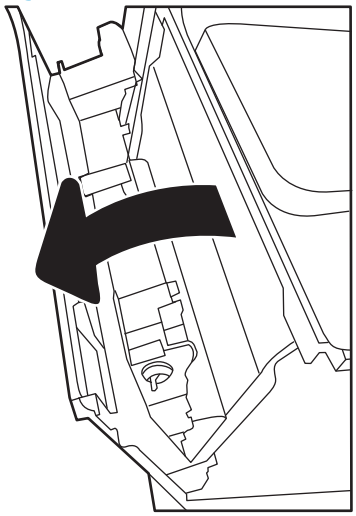
1. Open the front door.

Figure 1-613 Open the front door



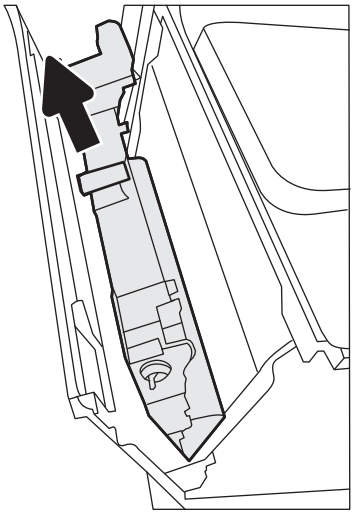
2. Open the left door.

Figure 1-614 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

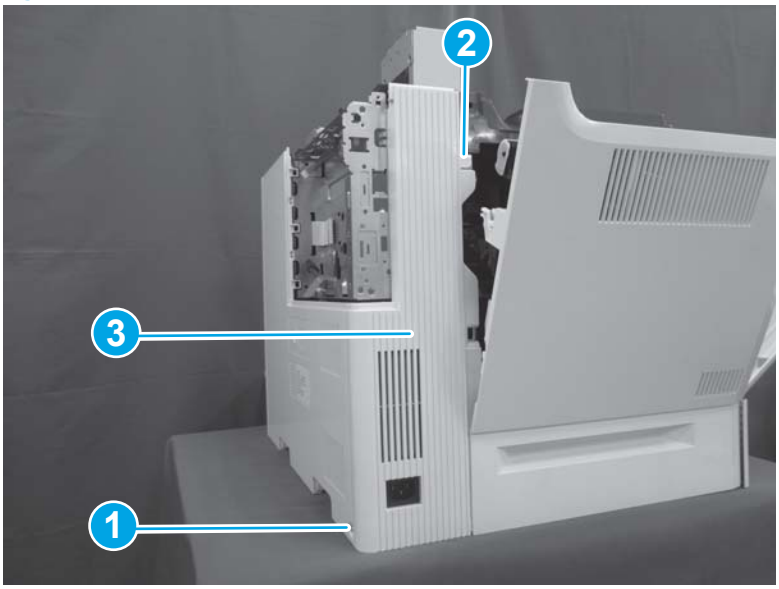
Figure 1-615 Remove the TCU



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-616 Remove the left rear cover



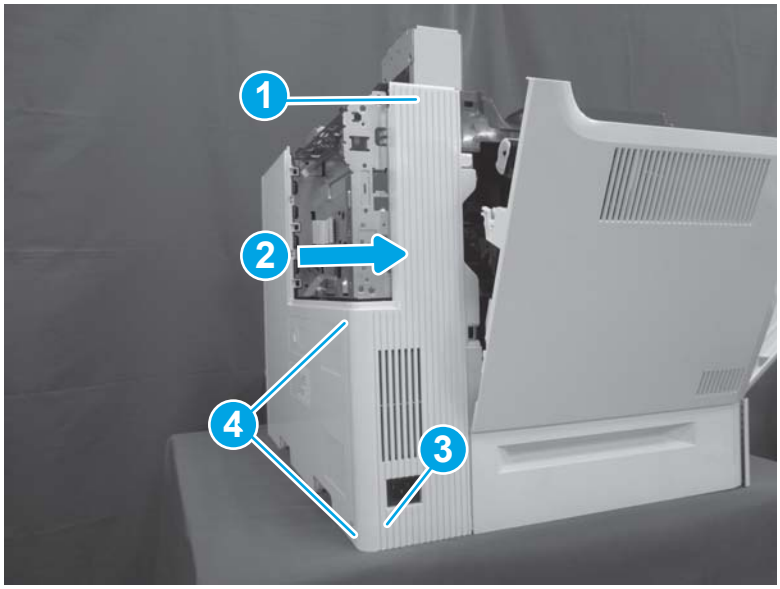
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-617 Install the left rear cover



Step 3: Remove the left door

1. Open front door.

Figure 1-618 Open front door

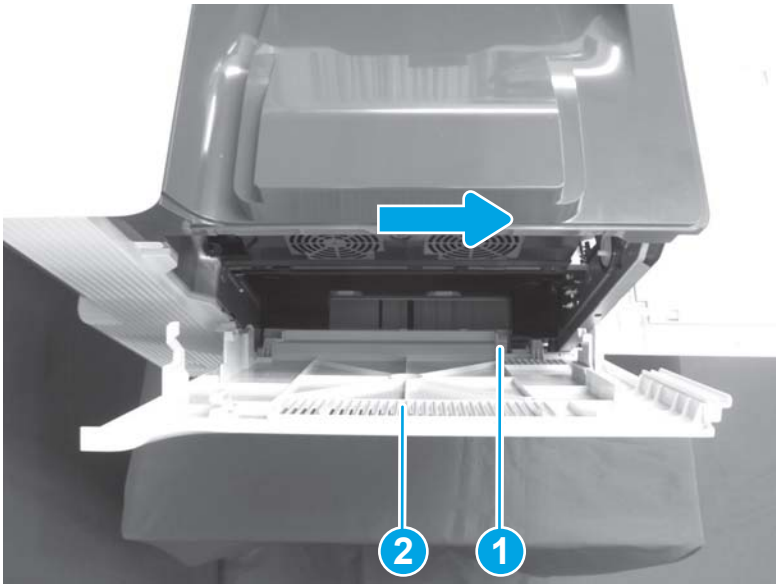


2. Press on the tab (callout 1) while sliding the left door (callout 2) to the right to remove it.

NOTE: Make sure that the front door is not blocking the left door at the lower corner.

Reinstallation tip: Reverse the removal steps to install the assembly.

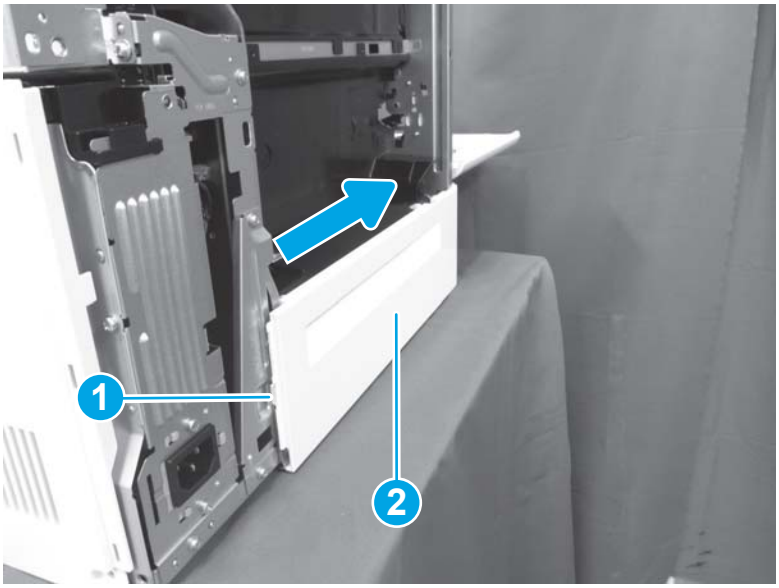
Figure 1-619 Remove the left door



Step 4: Remove the left handle

1. Release one tab (callout 1), and then gently lift the left side of the handle away from the sheet metal. Slide the left handle (callout 2) toward the front of the printer to remove it.

Figure 1-620 Remove the left handle



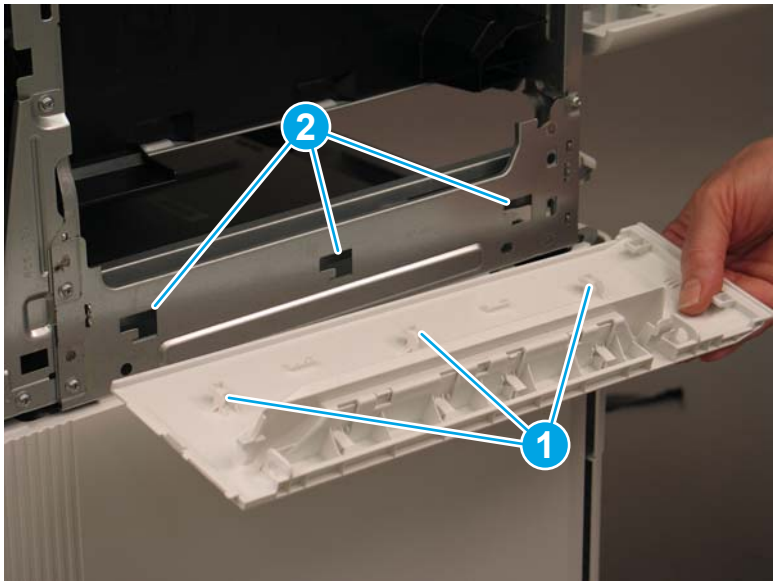
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left handle

▲ When reinstalling the left handle, install the hooks (callout 1) on the handle in the slots (callout 2) in the printer. Align the right-most hook firs to ensure all the hooks are aligned, and then slide the handle to the left to lock it into position.

Figure 1-621 Install the left handle



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Document feeder and image scanner assemblies (M681/M682/E67550/E67560/E67650/E67660)

- Removal and replacement: Document feeder
- Removal and replacement: Document feeder hinges
- Removal and replacement: Image scanner assembly
- Removal and replacement: Scanner control board

Removal and replacement: Document feeder

- Introduction
- Step 1: Remove the document feeder
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the document feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Document feeder part numbers	
5851-7203	ADF whole unit kit (enterprise)
5851-7204	ADF whole unit kit (workflow

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

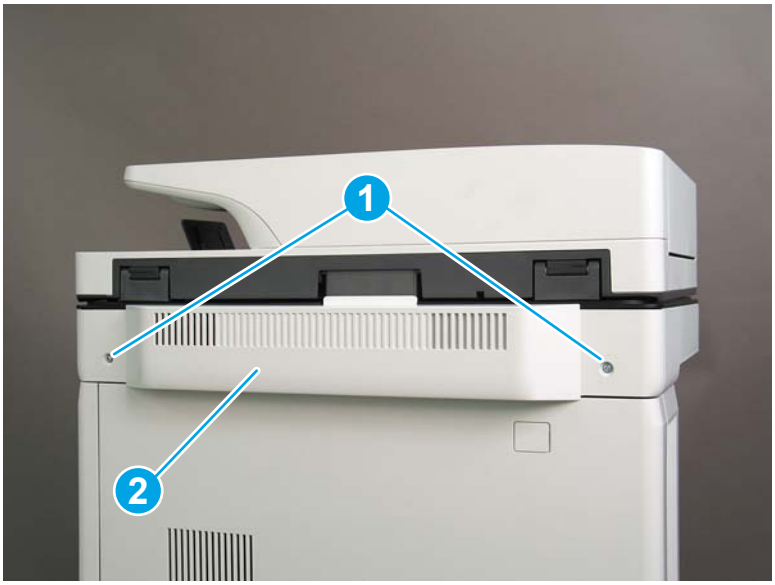
Post service test

Place a document in the document feeder and scan it. Verify that the document feeder works correctly.

Step 1: Remove the document feeder

1. At the back of the printer, remove two screws (callout 1), and then remove the scanner rear cover (callout 2).

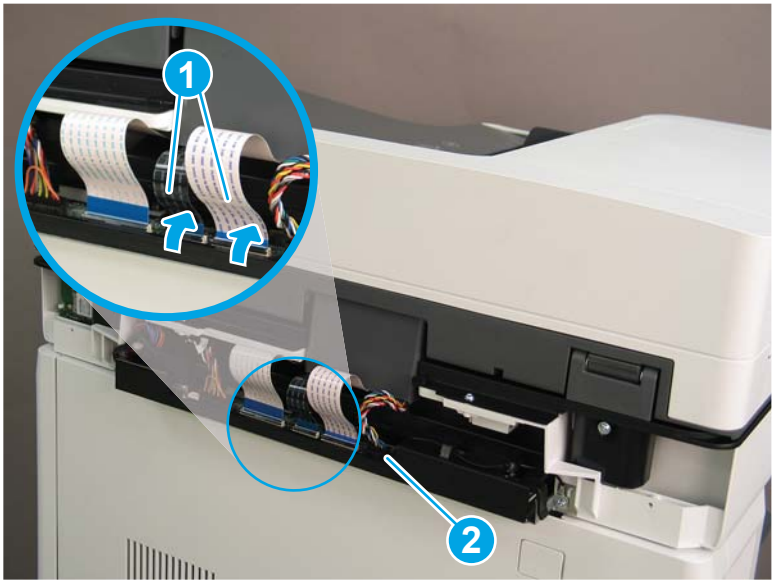
Figure 1-622 Remove the scanner rear cover



2. Lift the latches up toward the back of the document feeder to release two fla cables (callout 1), and then disconnect one connector (callout 2).

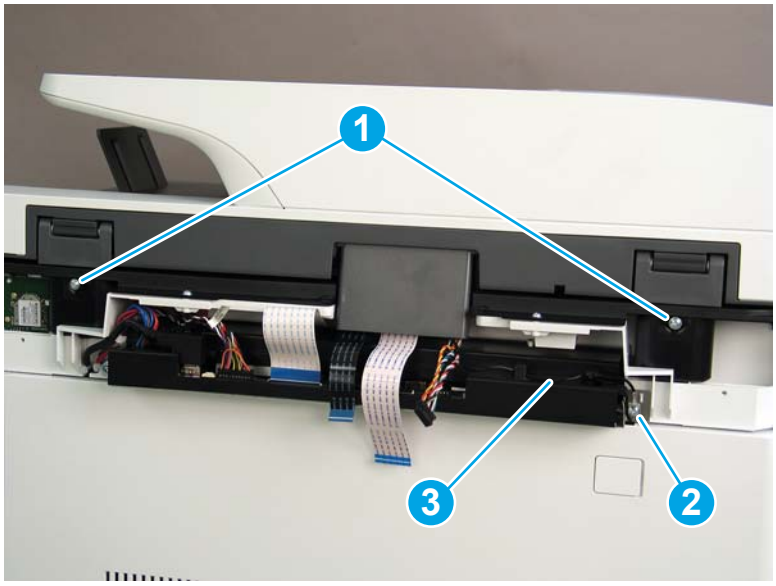
Reinstallation tip: When reinstalling the fla cables, lift the latches, install the cables, and then lower the latches to secure the cables.

Figure 1-623 Disconnect three connectors



3. Remove two screws (callout 1). Release one ground screw (callout 2), and then release the ground wire (callout 3) from the cable guide.

Figure 1-624 Remove three screws



4. Open the document feeder.

Figure 1-625 Open the document feeder



5. Tilt the document feeder back until it stops (callout 1), and then lift it up until it stops (callout 2).

Figure 1-626 Tilt and lift the document feeder



6. Support the left side of the document feeder with one hand, and then use a small, flat-blad screwdriver to release two tabs on the document feeder hinges.

TIP: Release the right hinge first

NOTE: The tabs are located on the front side (scanner flatbe glass) of the hinges.

Figure 1-627 Release two tabs



7. Lift the document feeder up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-628 Remove the document feeder



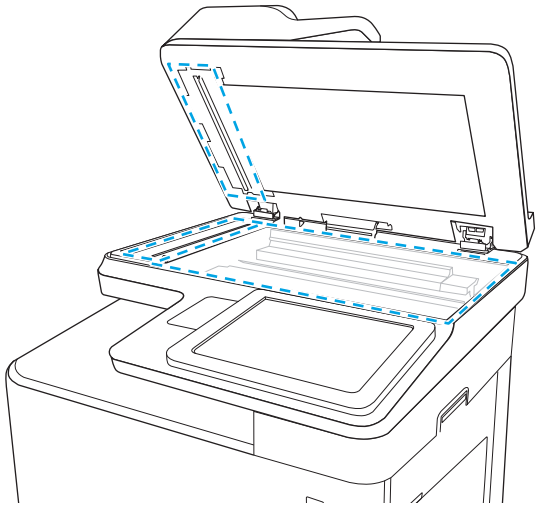
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder

- After installing the replacement document feeder, clean the scanner glass and the document feeder strips with a soft cloth or sponge that has been moistened with nonabrasive glass cleaner. Dry the glass and white plastic parts with a chamois or a cellulose sponge to prevent spotting.

CAUTION: Do not use abrasives, acetone, benzene, ammonia, ethyl alcohol, or carbon tetrachloride on any part of the printer; these can damage the printer. Do not place liquids directly on the glass or platen. They might seep and damage the printer.

Figure 1-629 Clean the scanner glass



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Document feeder hinges

- Introduction
- Step 1: Remove the document feeder
- Step 2: Remove the document feeder hinges
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the document feeder hinges.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Document feeder hinges part numbers	
J1H98-60028	ADF right hinge
J1H98-60027	ADF left hinge

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

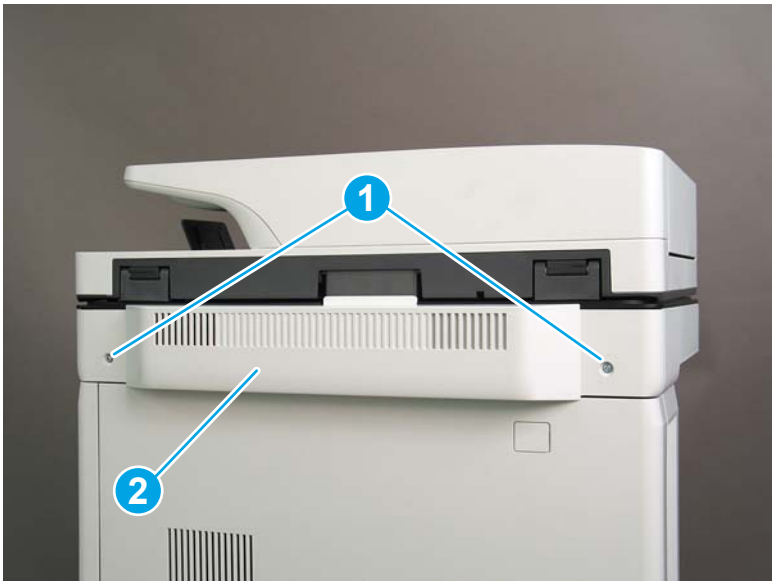
Post service test

Place a document in the document feeder and scan it. Verify that the document feeder works correctly.

Step 1: Remove the document feeder

1. At the back of the printer, remove two screws (callout 1), and then remove the scanner rear cover (callout 2).

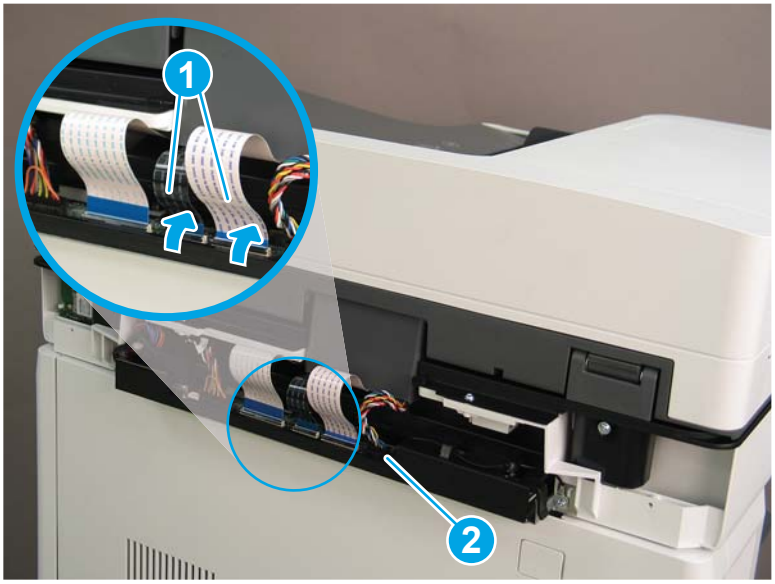
Figure 1-630 Remove the scanner rear cover



2. Lift the latches up toward the back of the document feeder to release two fla cables (callout 1), and then disconnect one connector (callout 2).

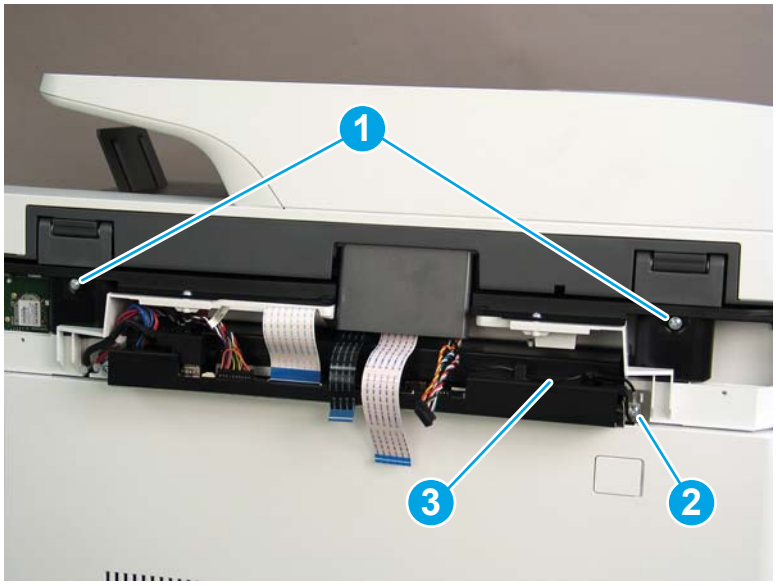
Reinstallation tip: When reinstalling the fla cables, lift the latches, install the cables, and then lower the latches to secure the cables.

Figure 1-631 Disconnect three connectors



3. Remove two screws (callout 1). Release one ground screw (callout 2), and then release the ground wire (callout 3) from the cable guide.

Figure 1-632 Remove three screws



4. Open the document feeder.

Figure 1-633 Open the document feeder



5. Tilt the document feeder back until it stops (callout 1), and then lift it up until it stops (callout 2).

Figure 1-634 Tilt and lift the document feeder



6. Support the left side of the document feeder with one hand, and then use a small, flat-blad screwdriver to release two tabs on the document feeder hinges.

TIP: Release the right hinge first

NOTE: The tabs are located on the front side (scanner flatbe glass) of the hinges.

Figure 1-635 Release two tabs



7. Lift the document feeder up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-636 Remove the document feeder



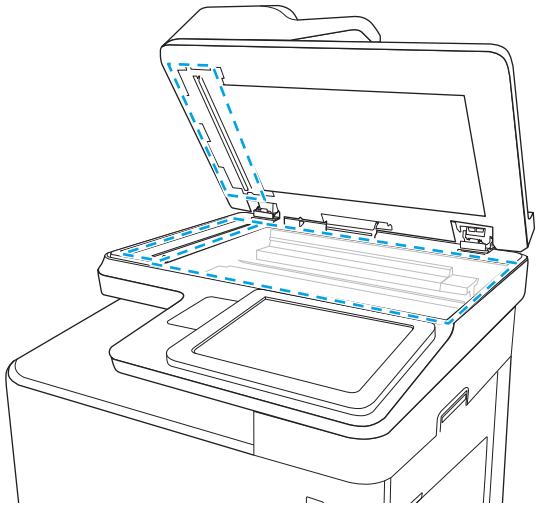
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder

- After installing the replacement document feeder, clean the scanner glass and the document feeder strips with a soft cloth or sponge that has been moistened with nonabrasive glass cleaner. Dry the glass and white plastic parts with a chamois or a cellulose sponge to prevent spotting.

CAUTION: Do not use abrasives, acetone, benzene, ammonia, ethyl alcohol, or carbon tetrachloride on any part of the printer; these can damage the printer. Do not place liquids directly on the glass or platen. They might seep and damage the printer.

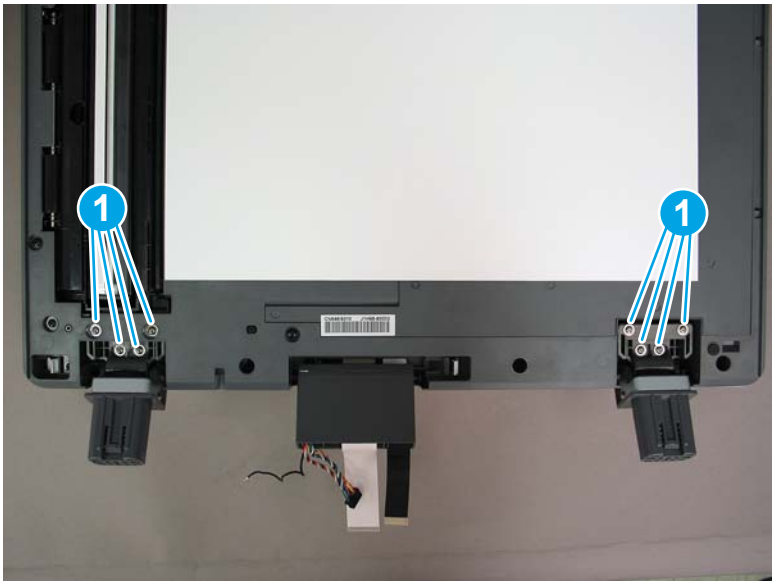
Figure 1-637 Clean the scanner glass



Step 2: Remove the document feeder hinges

1. Lay the document feeder on a fla surface so that the white backing is facing up. Remove four screws on each hinge (callout 1), and then remove the hinges.

Figure 1-638 Remove eight screws



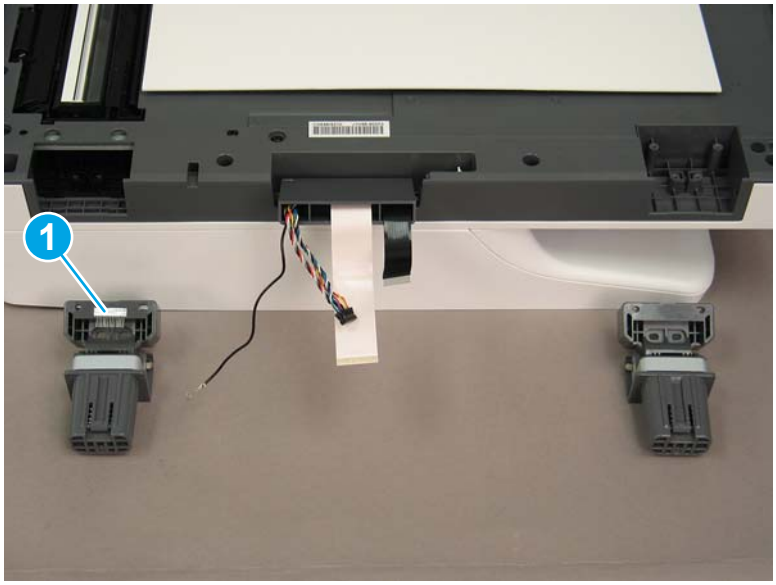
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Document feeder hinges

▲ When installing the new hinges, note that the hinges are not identical. The left hinge has a brush attached to it (callout 1).

Figure 1-639 Note the hinge difference



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Image scanner assembly

- Introduction
- Step 1: Remove the document feeder (M681/M682/E67550/E67560/E67650/E67660)
- Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the image scanner assembly (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the image scanner assembly.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Image scanner assembly part number	
J8A10-67901	Image scanner whole unit

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

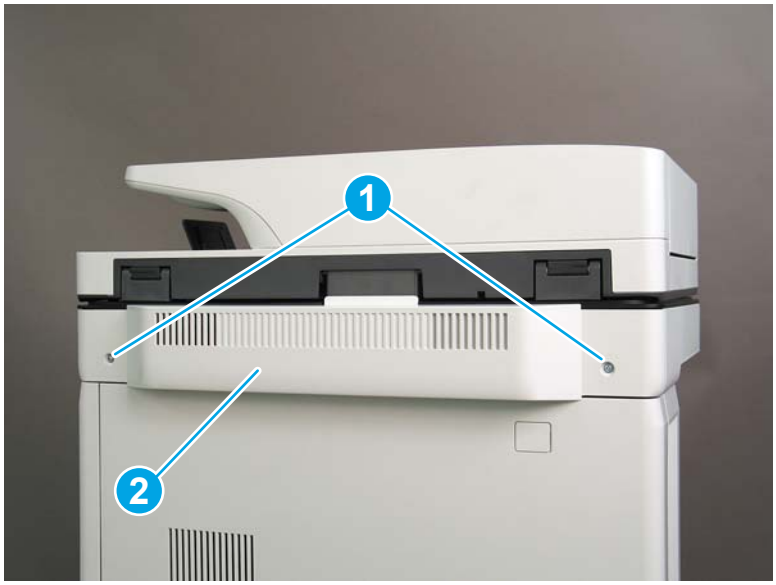
Post service test

Place a document on the scanner glass and scan it. Verify the document scanned correctly.

Step 1: Remove the document feeder (M681/M682/E67550/E67560/E67650/E67660)

1. At the back of the printer, remove two screws (callout 1), and then remove the scanner rear cover (callout 2).

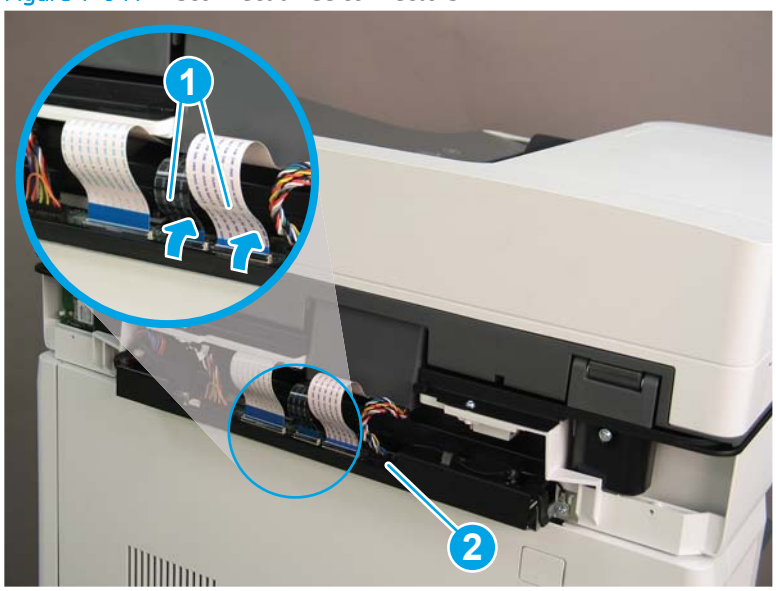
Figure 1-640 Remove the scanner rear cover



2. Lift the latches up toward the back of the document feeder to release two fla cables (callout 1), and then disconnect one connector (callout 2).

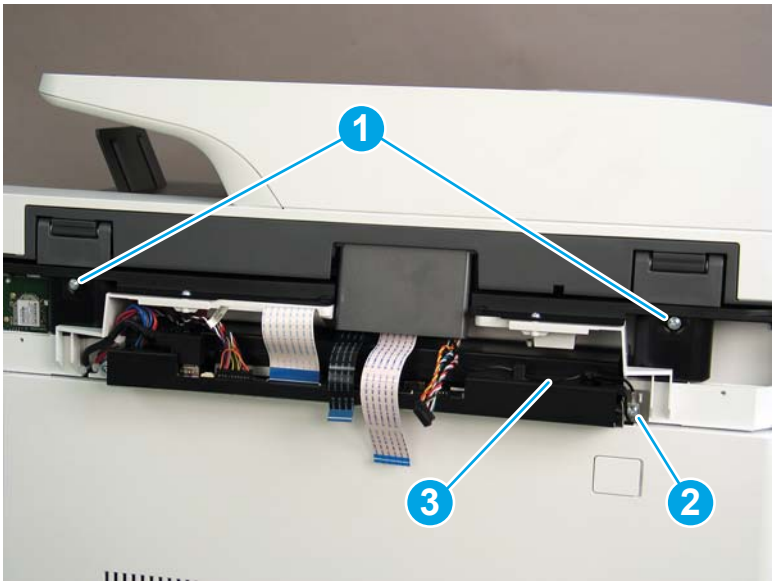
Reinstallation tip: When reinstalling the fla cables, lift the latches, install the cables, and then lower the latches to secure the cables.

Figure 1-641 Disconnect three connectors



3. Remove two screws (callout 1). Release one ground screw (callout 2), and then release the ground wire (callout 3) from the cable guide.

Figure 1-642 Remove three screws



4. Open the document feeder.

Figure 1-643 Open the document feeder



5. Tilt the document feeder back until it stops (callout 1), and then lift it up until it stops (callout 2).

Figure 1-644 Tilt and lift the document feeder



6. Support the left side of the document feeder with one hand, and then use a small, flat-blad screwdriver to release two tabs on the document feeder hinges.

TIP: Release the right hinge first

NOTE: The tabs are located on the front side (scanner flatbe glass) of the hinges.

Figure 1-645 Release two tabs



7. Lift the document feeder up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-646 Remove the document feeder



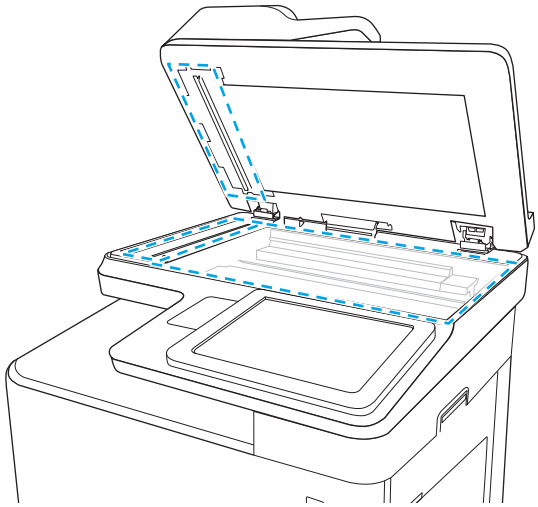
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder

- After installing the replacement document feeder, clean the scanner glass and the document feeder strips with a soft cloth or sponge that has been moistened with nonabrasive glass cleaner. Dry the glass and white plastic parts with a chamois or a cellulose sponge to prevent spotting.

CAUTION: Do not use abrasives, acetone, benzene, ammonia, ethyl alcohol, or carbon tetrachloride on any part of the printer; these can damage the printer. Do not place liquids directly on the glass or platen. They might seep and damage the printer.

Figure 1-647 Clean the scanner glass



Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

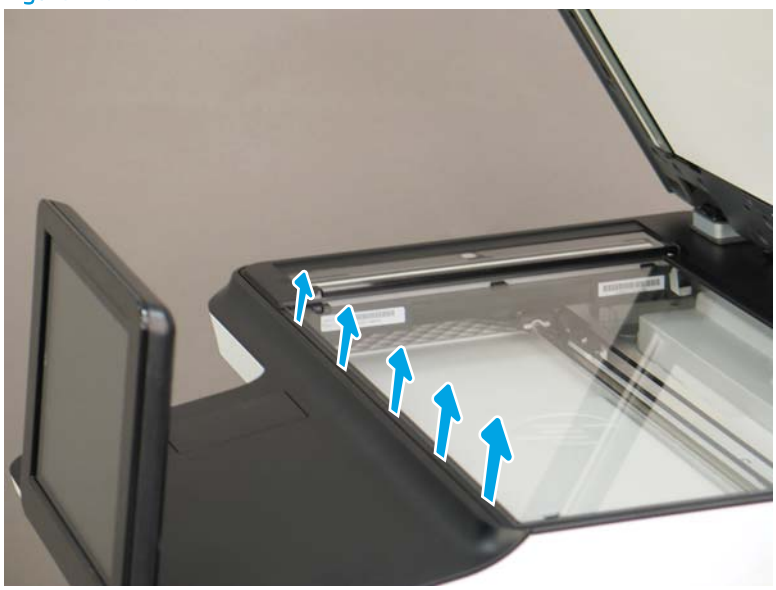
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

   Figure 1-648 Tilt the control panel and open the document feeder

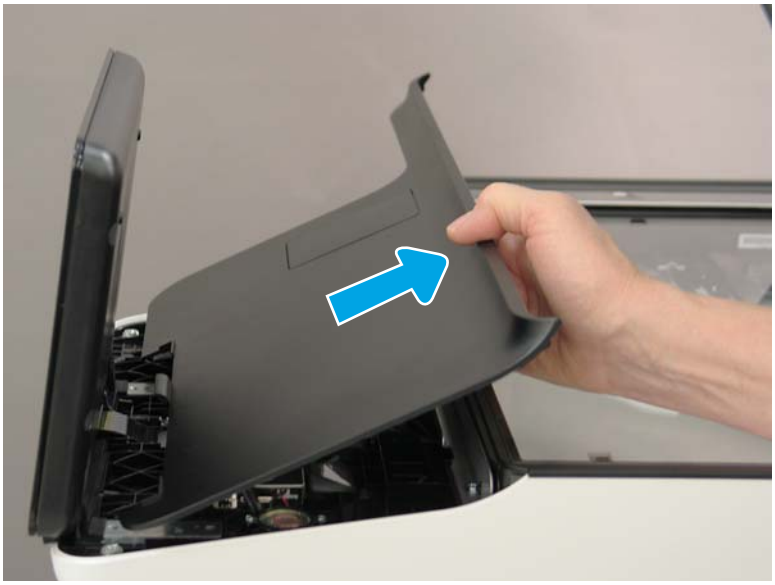
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

   Figure 1-649 Release fiv tabs

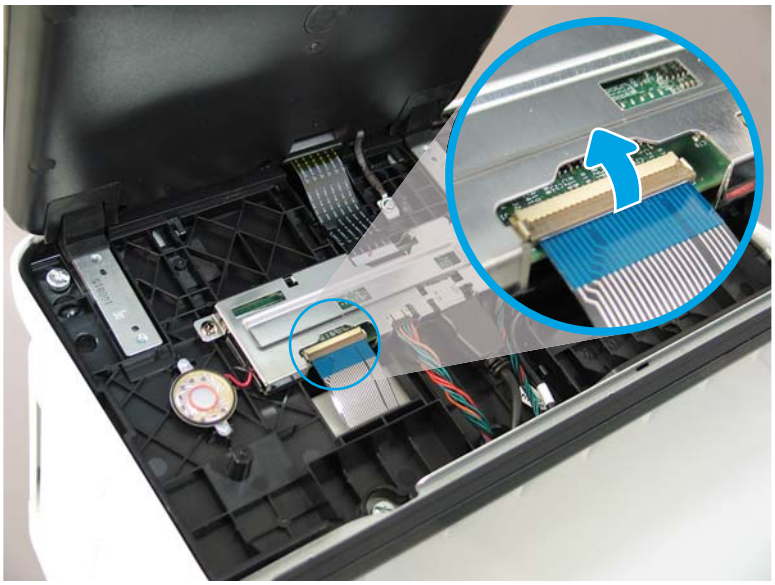
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-650 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-651 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-652 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-653 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-654 Remove the keyboard



Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

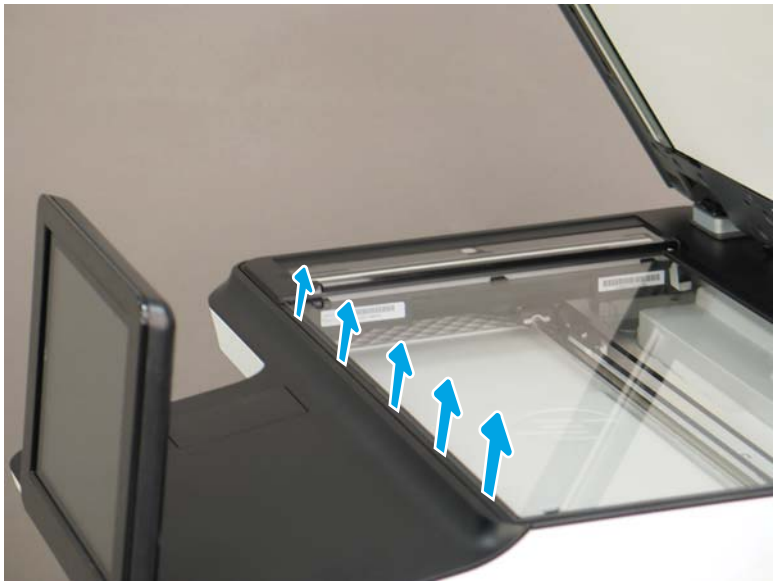
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-655 Tilt the control panel forward and open the document feeder



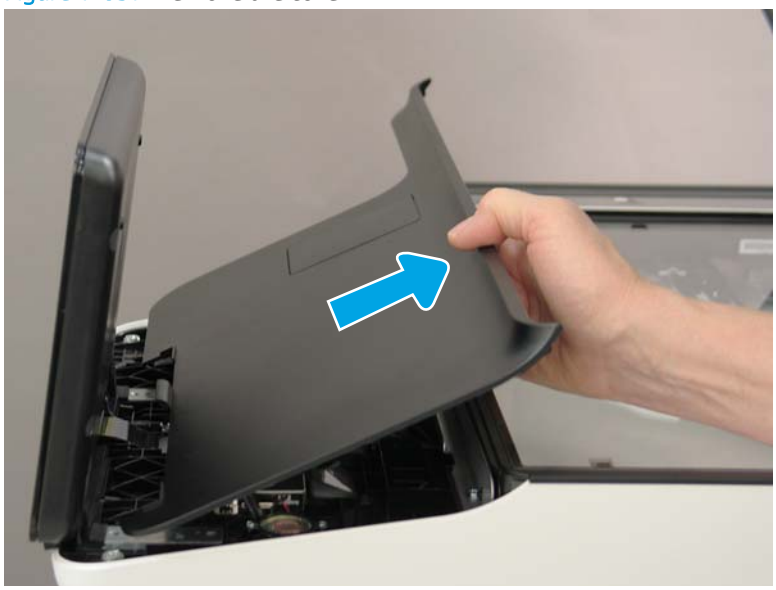
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-656 Release fiv tabs



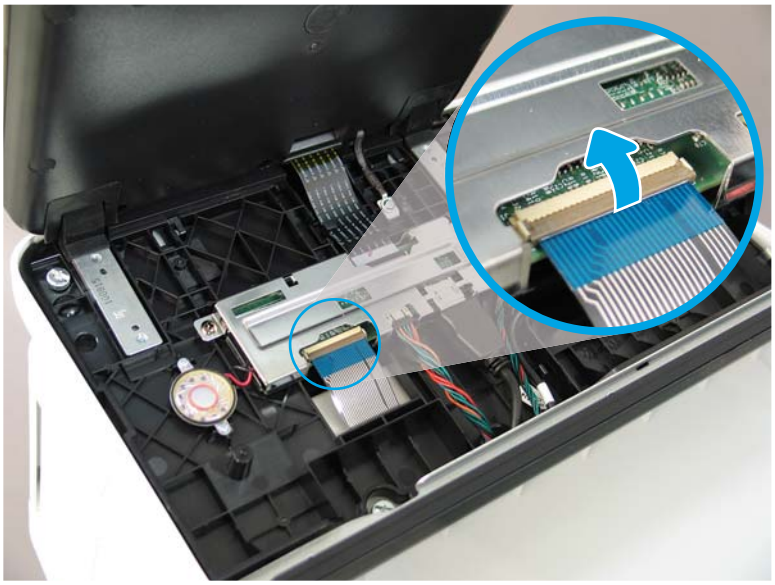
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-657 Remove the cover



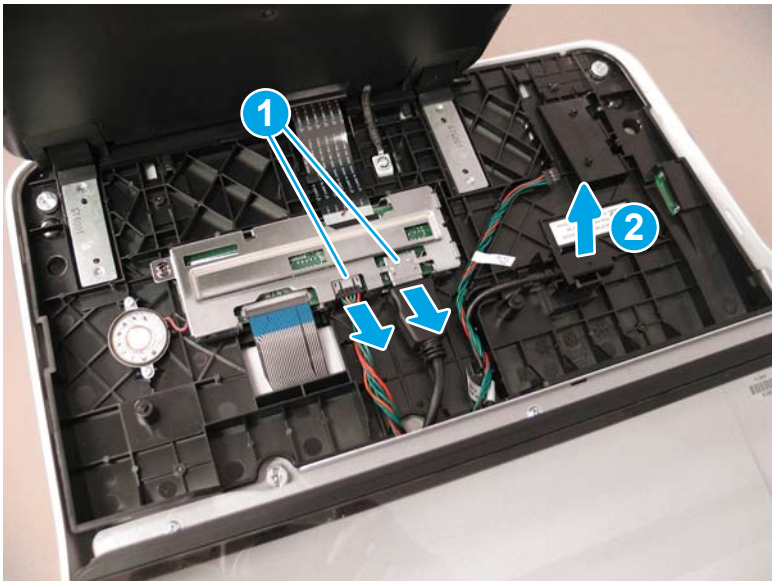
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-658 Disconnect the keyboard fla cable (keyboard models only)



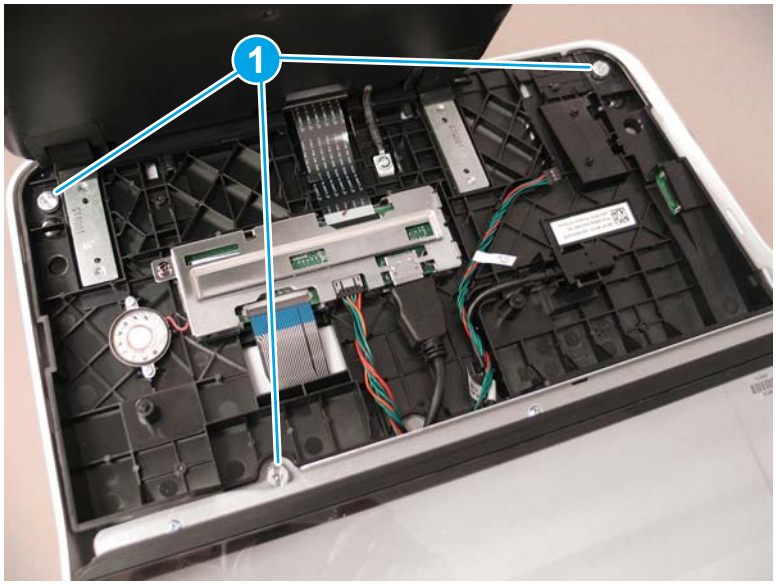
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-659 Disconnect connectors



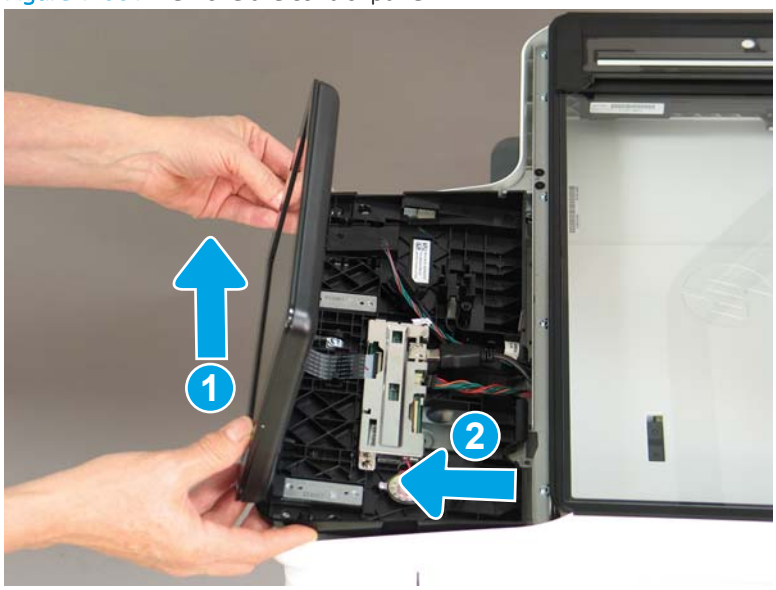
6. Remove three thumbscrews (callout 1).

Figure 1-660 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-661 Remove the control panel



Step 4: Remove the image scanner assembly (M681/M682/E67550/E67560/E67650/E67660)

1. **Flow models only**: Do the following:

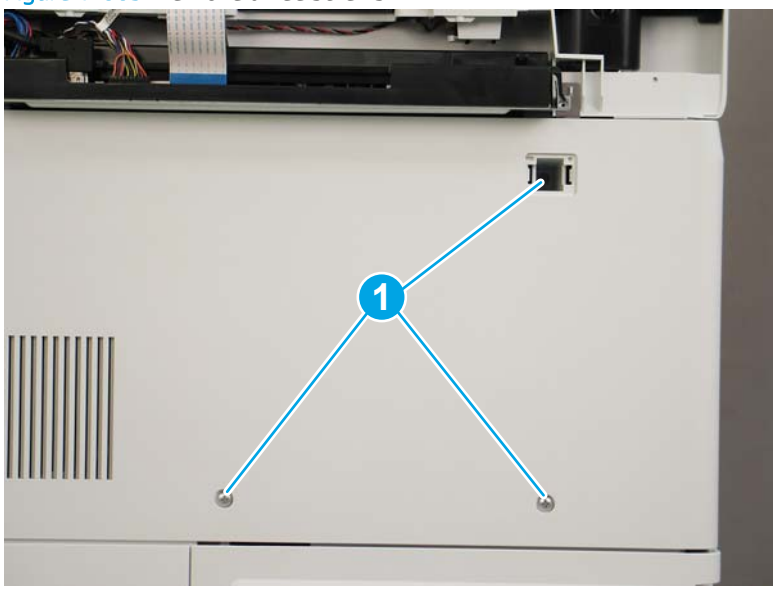
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-662 Remove the small cover



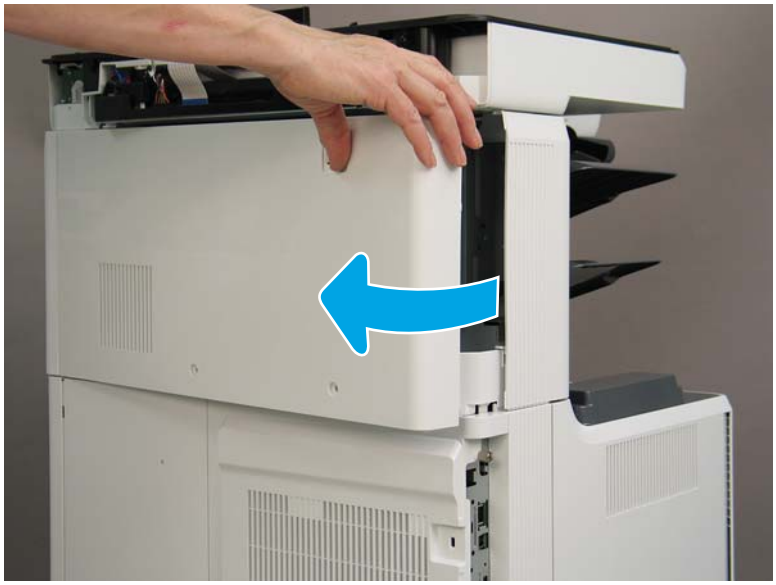
b. Remove three screws (callout 1).

Figure 1-663 Remove three screws



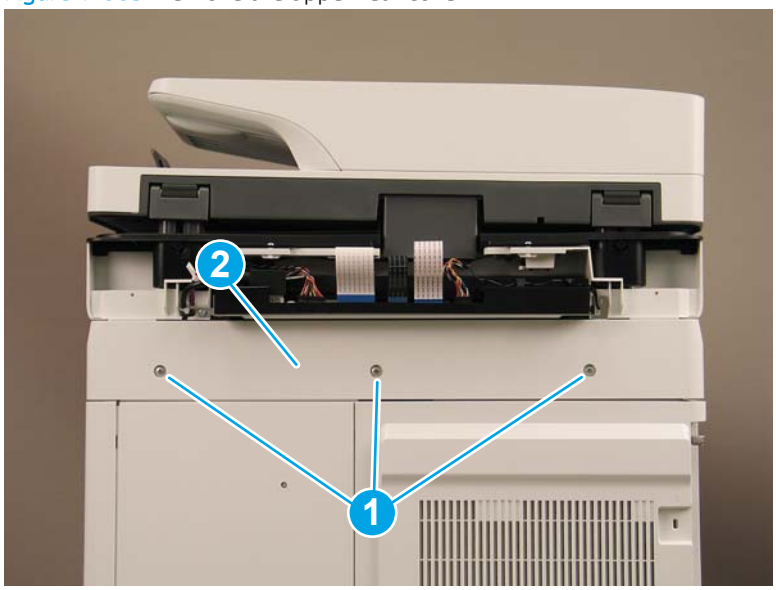
c. Rotate the stapler/stacker rear cover away from the printer to remove it.

Figure 1-664 Remove the stapler/stacker rear cover



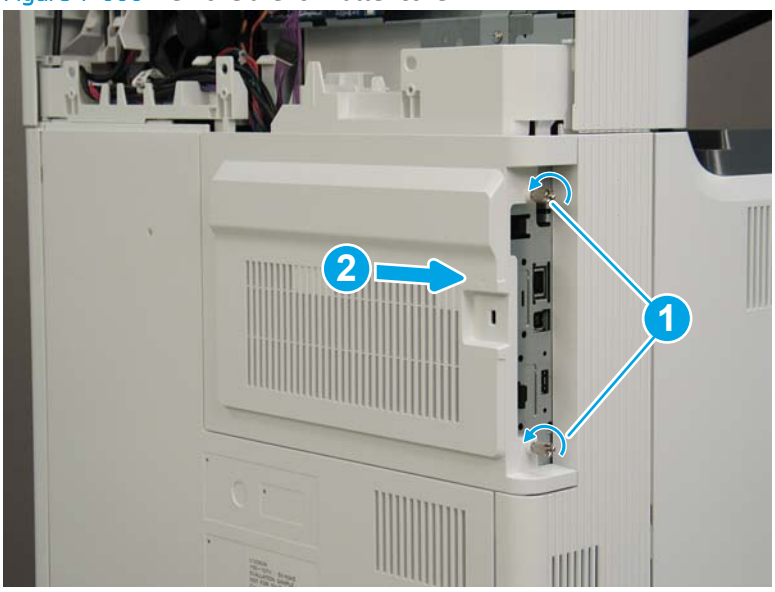
2. **M681dh, M681f, M682dh, Flow M681f, and E67650dh models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-665 Remove the upper rear cover



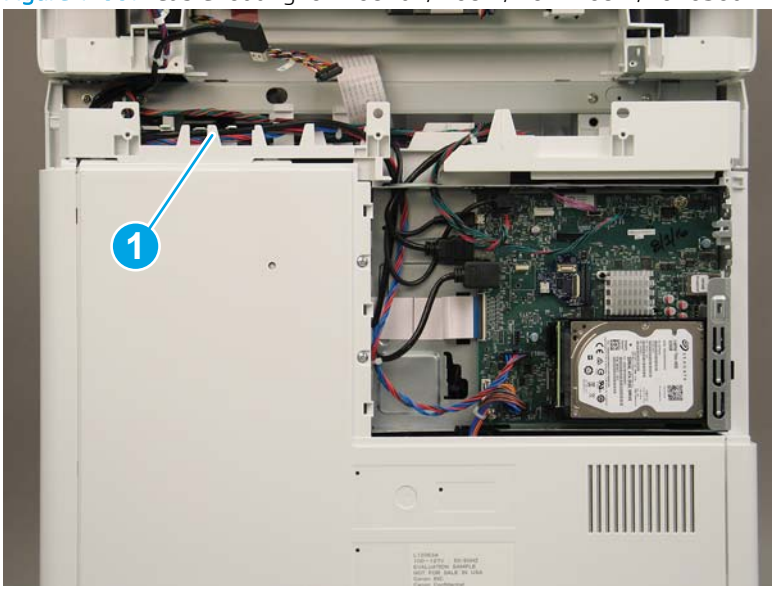
3. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-666 Remove the formatter cover



4. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, Flow M681f, and E67650dh models is different the removal procedures are the same for all models.

Figure 1-667 Cable routing for M681dh/M681f/Flow M681f/E67650dh



5. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-668 Disconnect six connectors

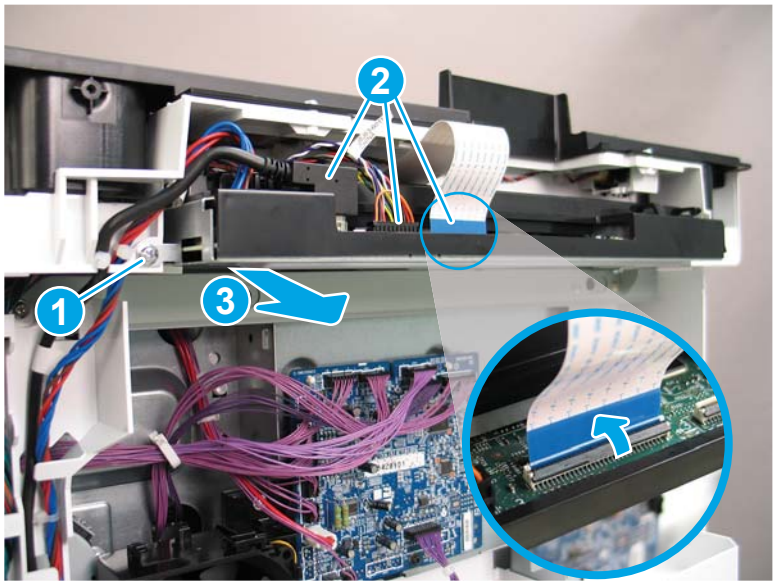


6. Remove one screw (callout 1). Lift the latch on the fla cable connector to release the cable and then disconnect three connectors (callout 2). Slide the scanner control board (SCB) slightly away from the printer (callout 3), but do not completely remove it.

CAUTION: Do not completely remove the SCB. It is still connected to the printer.

Reinstallation tip: When reinstalling the fla cable, lift the latch, install the cable, and then lower the latch to secure the cable.

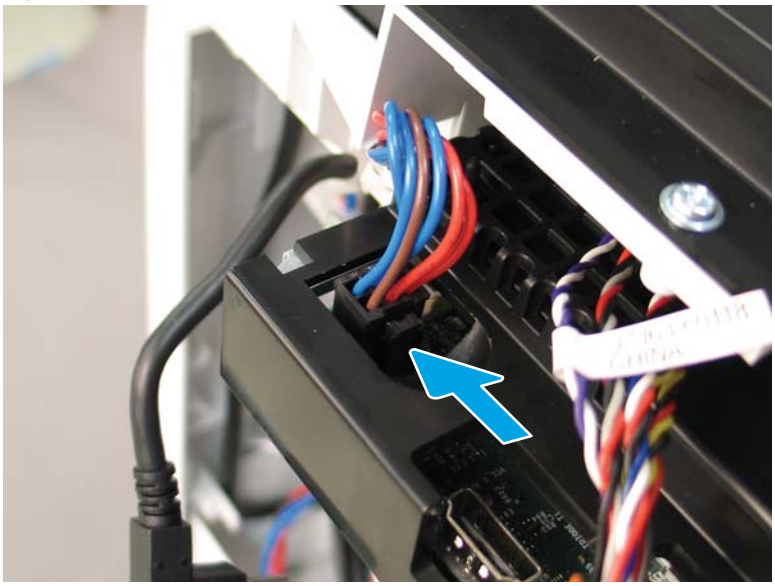
Figure 1-669 Remove one screw and disconnect connectors



7. Release the locking tab, and then disconnect the connector.

Reinstallation tip: When installing the image scanner, connect this cable firs before sliding the SCB board into the scanner.

Figure 1-670 Disconnect one connector



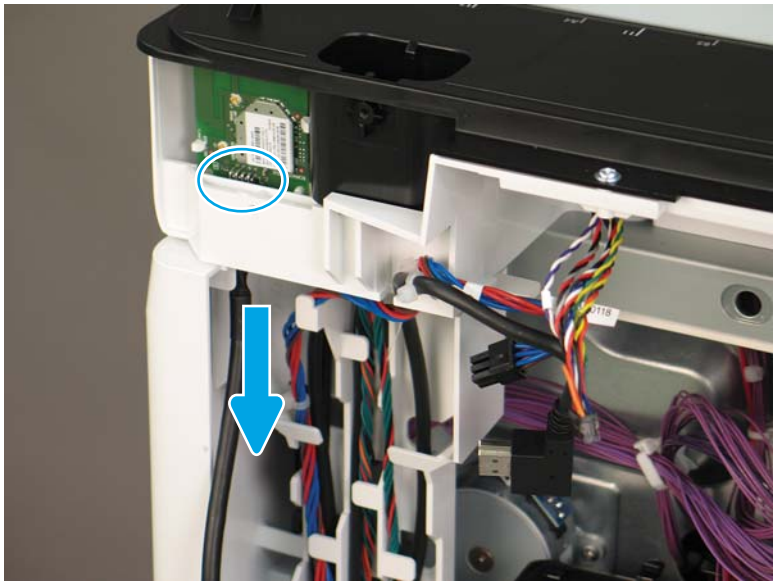
8. Slide the SCB away from the printer to remove it.

Figure 1-671 Remove the SCB



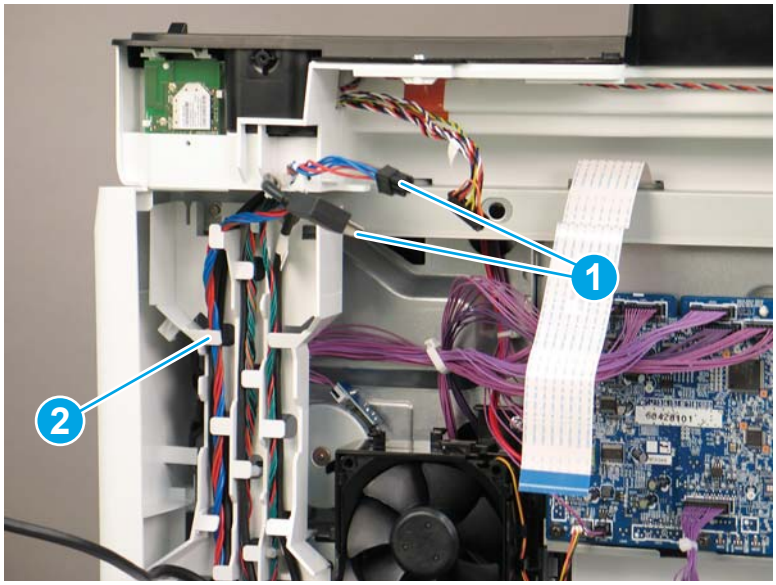
9. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-672 Disconnect the wireless connector



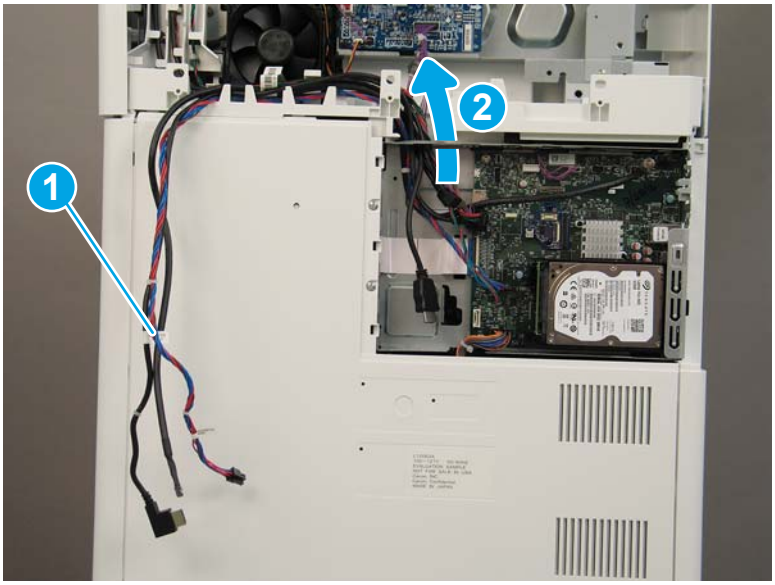
10. Release the SCB cables (callout 1) from the cable guides (callout 2).

Figure 1-673 Release the SCB cables



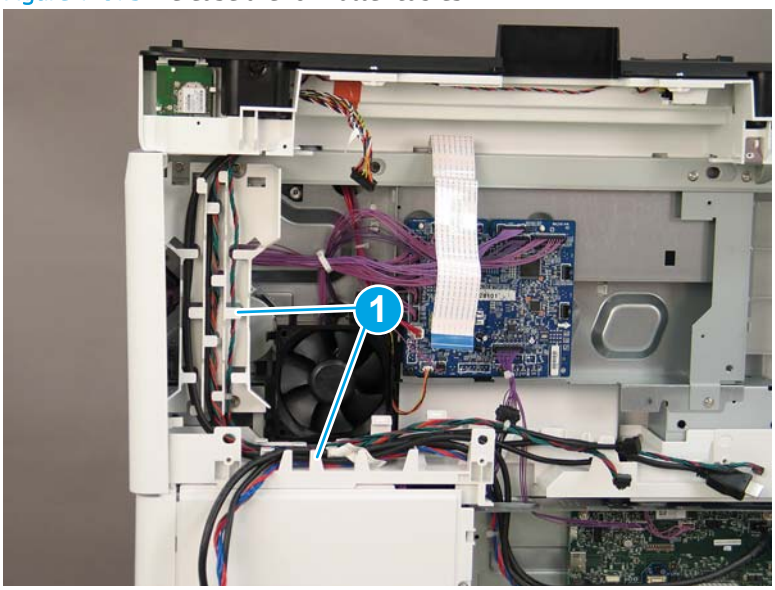
11. Allow the SCB cables and the wireless cable (Flow M682z only) to hang down without releasing them further (callout 1). Thread the disconnected formatter cables up through the opening in the top of the formatter case (callout 2).

Figure 1-674 Thread the cables



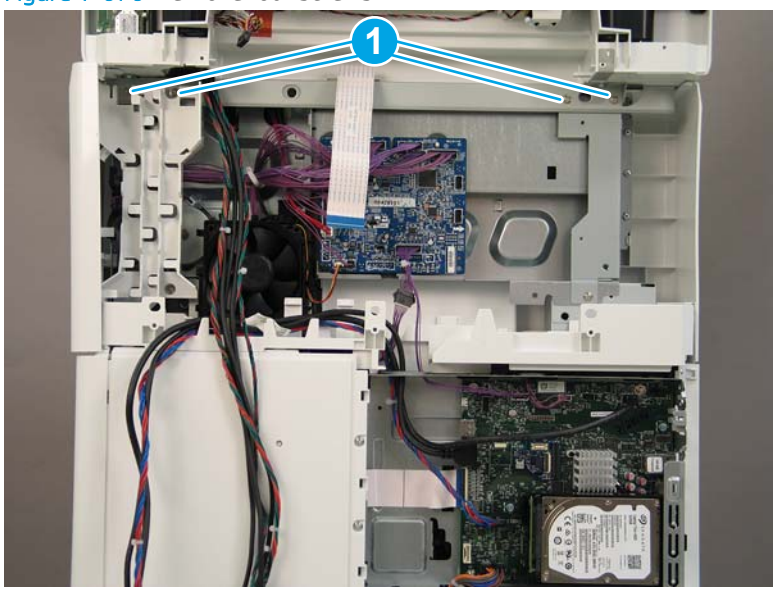
12. Release the formatter cables from the cable guides (callout 1).

Figure 1-675 Release the formatter cables



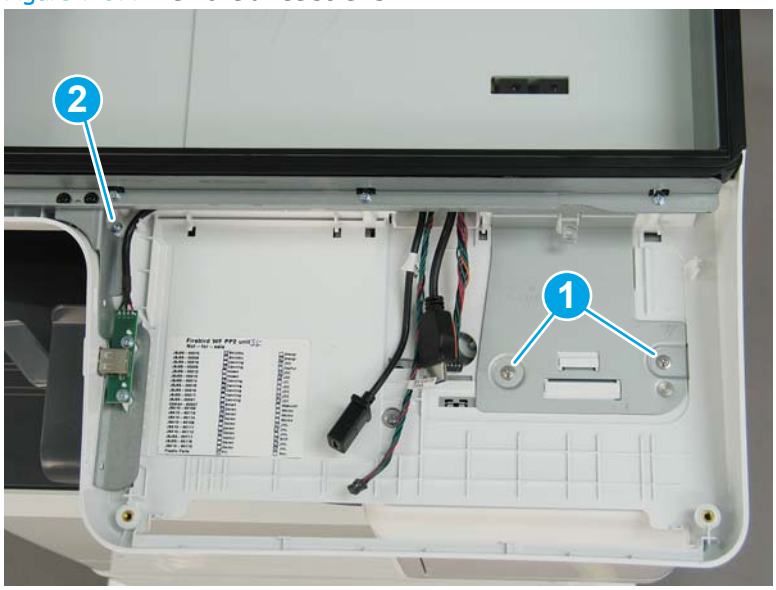
13. At the back of the printer, remove four screws (callout 1).

Figure 1-676 Remove four screws



14. **All M681/M682/E67550/E67560/E67650/E67660 models**: On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z/Flow M682z/Flow E67660z only**: Remove one self-tapping screw (callout 2).

Figure 1-677 Remove three screws



15. Lift the image scanner assembly o of the printer to remove it.

IMPORTANT: Make sure that all cables are released and free from the printer before lifting the image scanner assembly.

Figure 1-678 Remove the image scanner assembly

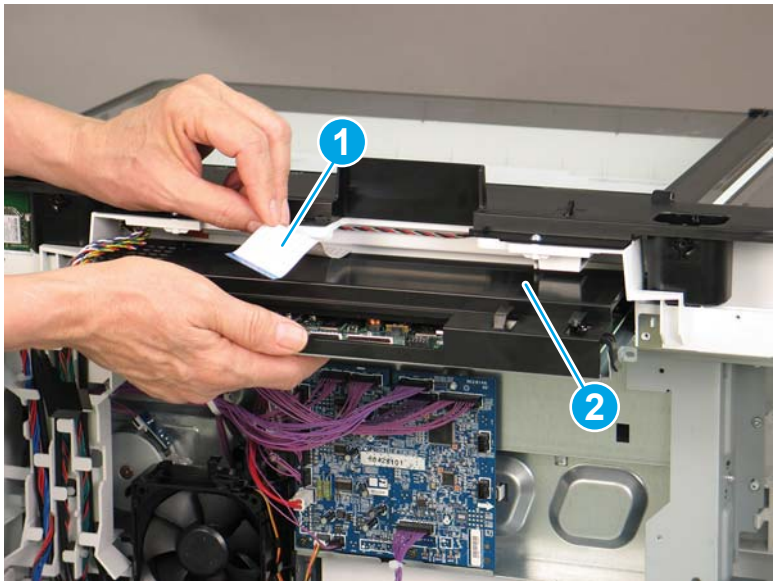


16. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Image scanner assembly

a. When reinstalling the SCB, make sure that the fla cable (callout 1) is positioned on top of the SCB (callout 2) before sliding it into place.

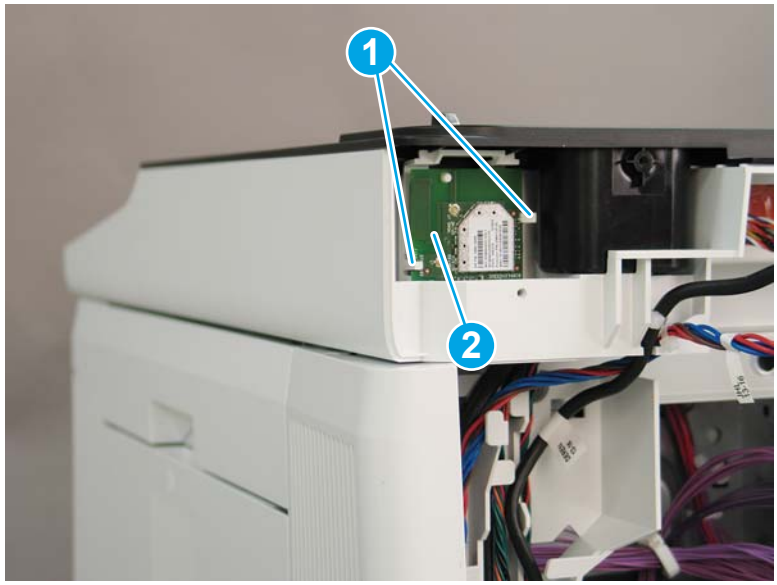
Figure 1-679 Position the fla cable



b. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

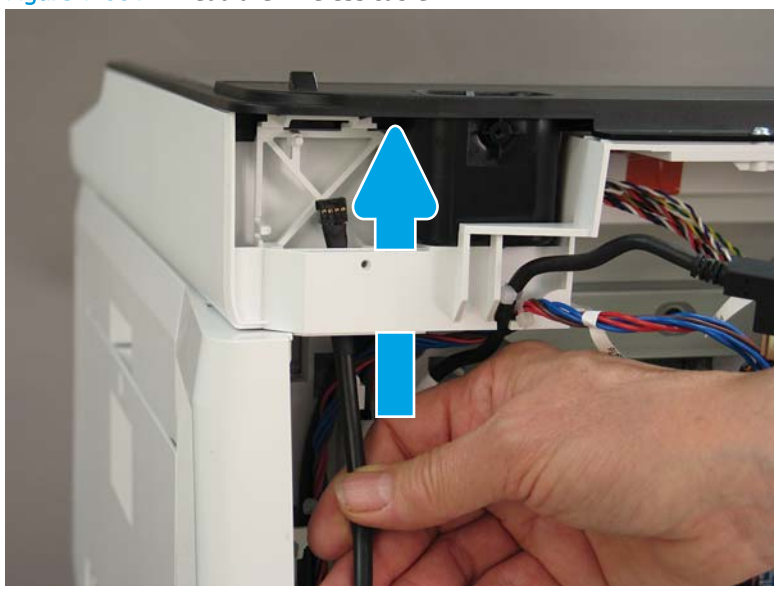
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-680 Remove the wireless card



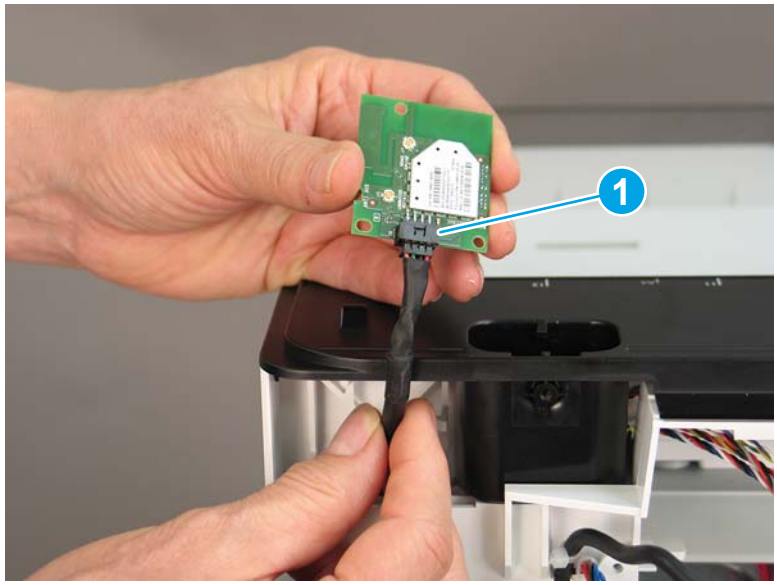
ii. Thread the wireless cable up through the opening in the image scanner..

Figure 1-681 Thread the wireless cable



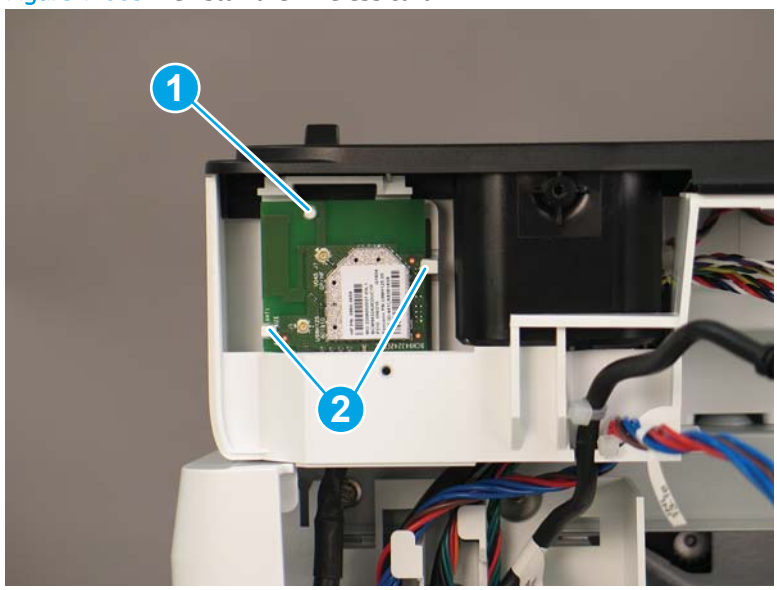
iii. Connect the cable to the wireless card (callout 1).

Figure 1-682 Connect the wireless card connector



iv. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

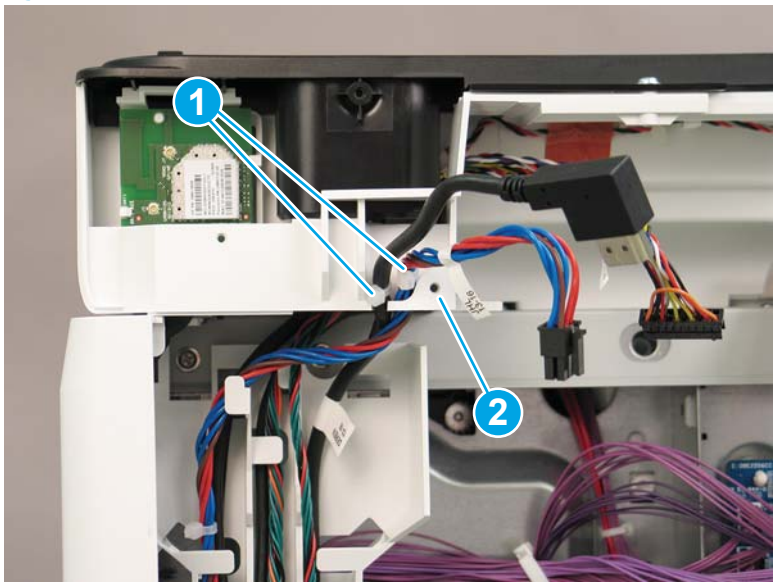
Figure 1-683 Reinstall the wireless card



c. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

NOTE: Continue to reverse the removal steps to finis installing the assembly.

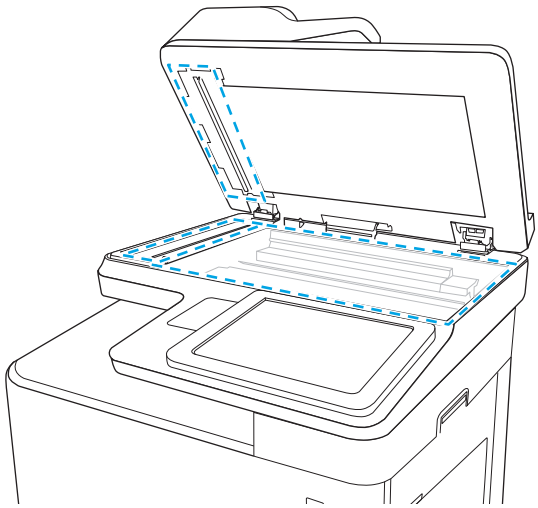
Figure 1-684 Position the fla cable



d. After installing the replacement image scanner, clean the scanner glass and the document feeder strips with a soft cloth or sponge that has been moistened with nonabrasive glass cleaner. Dry the glass and white plastic parts with a chamois or a cellulose sponge to prevent spotting.

CAUTION: Do not use abrasives, acetone, benzene, ammonia, ethyl alcohol, or carbon tetrachloride on any part of the printer; these can damage the printer. Do not place liquids directly on the glass or platen. They might seep and damage the printer.

Figure 1-685 Clean the scanner glass



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Scanner control board

- Introduction
- Step 1: Remove the image scanner rear cover
- Step 2: Remove the scanner control board (SCB)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the scanner control board (SCB).

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Scanner control board part numbers	
5851-7208	Scanner control board (M681dh, M681f)
5851-7209	Scanner control board (Flow M681f, Flow M681z, Flow M682z)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

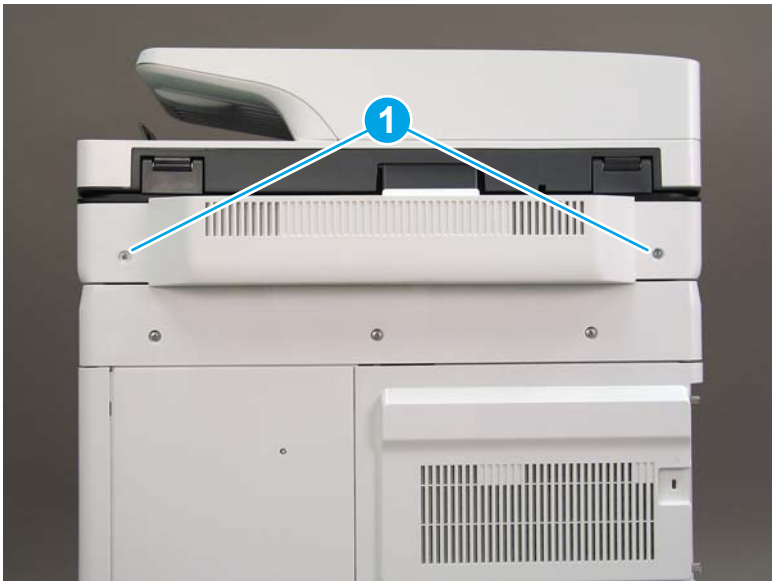
Post service test

Place a document on the scanner glass and scan it. Verify the document scanned correctly.

Step 1: Remove the image scanner rear cover

1. At the back of the printer, remove two screws (callout 1).

Figure 1-686 Remove two screws



2. Rotate the image scanner back cover up to remove it.

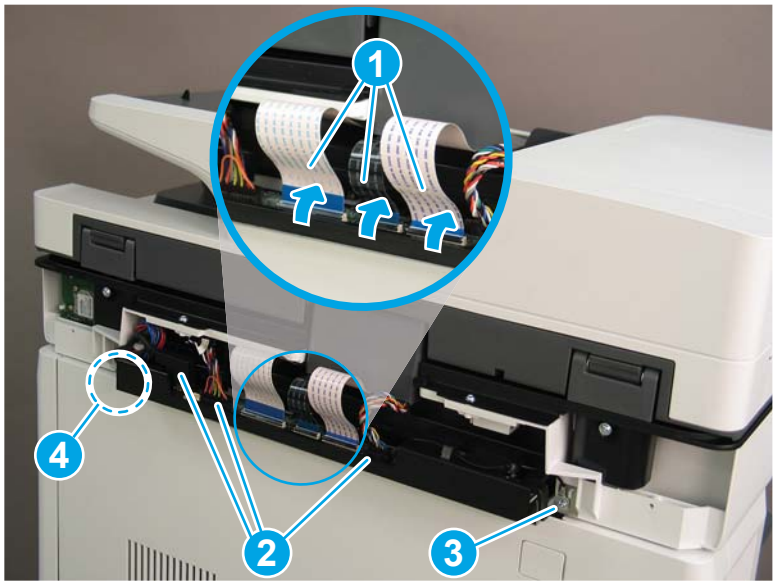
Figure 1-687 Remove the image scanner back cover



Step 2: Remove the scanner control board (SCB)

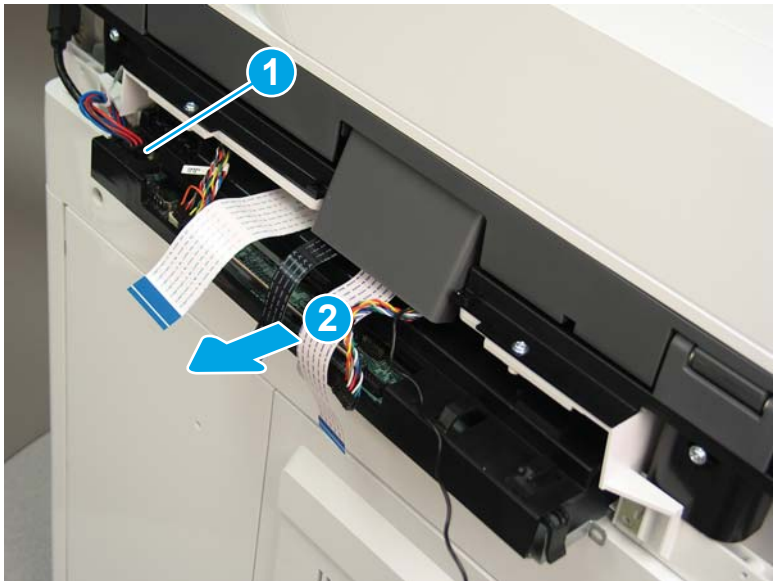
1. Lift the latches to release three fla cables (callout 1), and then disconnect them. Disconnect three connectors (callout 2). Remove one screw to release a grounding wire (callout 3), and then remove one screw on the left side of the SCB (callout 4).

Figure 1-688 Disconnect connectors and remove two screws



2. Partially slide the SCB out of the printer, and then release the locking tab to disconnect one connector (callout 1). Slide the SCB out of the printer to remove it (callout 2).

Figure 1-689 Remove the SCB



3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Scanner control board

▲ When reinstalling the SCB, make sure all of the cables are positioned on top of the SCB before sliding it into the printer.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-690 Check the cables when installing the SCB



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: 3-bin stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

- Removal and replacement: Stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Removal and replacement: Rear cover (3-bin stapler/stacker)
- Removal and replacement: Right door (3-bin stapler/stacker)
- Removal and replacement: Right upper cover (3-bin stapler/stacker)
- Removal and replacement: Staple door (3-bin stapler/stacker)
- Removal and replacement: Staple cover (3-bin stapler/stacker)
- Removal and replacement: Stapler
- Removal and replacement: Right front cover (3-bin stapler/stacker)
- Removal and replacement: Rear inner cover (3-bin stapler/stacker)
- Removal and replacement: Right corner cover (3-bin stapler/stacker)
- Removal and replacement: Jogger cover (3-bin stapler/stacker)
- Removal and replacement: Staple rear cover (3-bin stapler/stacker)
- Removal and replacement: Right lower cover (3-bin stapler/stacker)
- Removal and replacement: Staple door lock arm (3-bin stapler/stacker)
- Removal and replacement: Tray assembly (3-bin stapler/stacker)
- Removal and replacement: Tray pin (3-bin stapler/stacker)
- Removal and replacement: Jogger (3-bin stapler/stacker)
- Removal and replacement: Stacking wall cover (3-bin stapler/stacker)
- Removal and replacement: Upper feed assembly (3-bin stapler/stacker)
- Removal and replacement: Fan (3-bin stapler/stacker)
- Removal and replacement: Lower feed assembly (3-bin stapler/stacker)
- Removal and replacement: Solenoid assembly (3-bin stapler/stacker)
- Removal and replacement: Microswitch (3-bin stapler/stacker)
- Removal and replacement: Feed motor (3-bin stapler/stacker)
- Removal and replacement: Controller PCA (3-bin stapler/stacker)

Removal and replacement: Stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

- Introduction
- Step 1: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 2: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the stapler/stacker
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Stapler/stacker part number	
P1B13-67901	2–bin stapler/stacker

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Send a print job to the printer requiring stapling and collation to verify that the stapler/stacker correctly functions.

Step 1: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

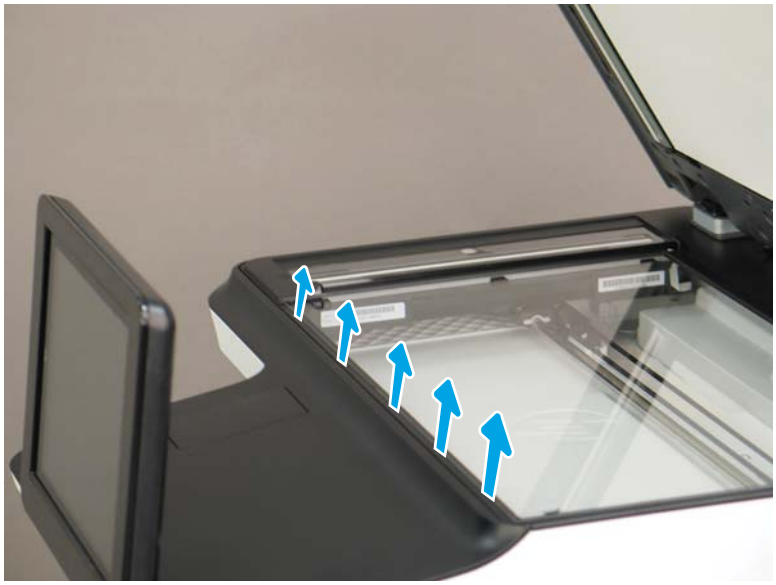
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-691 Tilt the control panel forward and open the document feeder



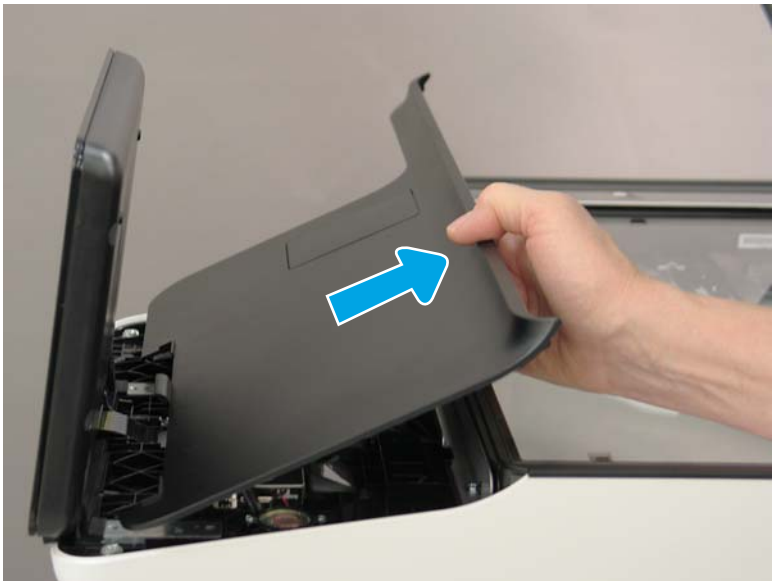
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-692 Release fiv tabs



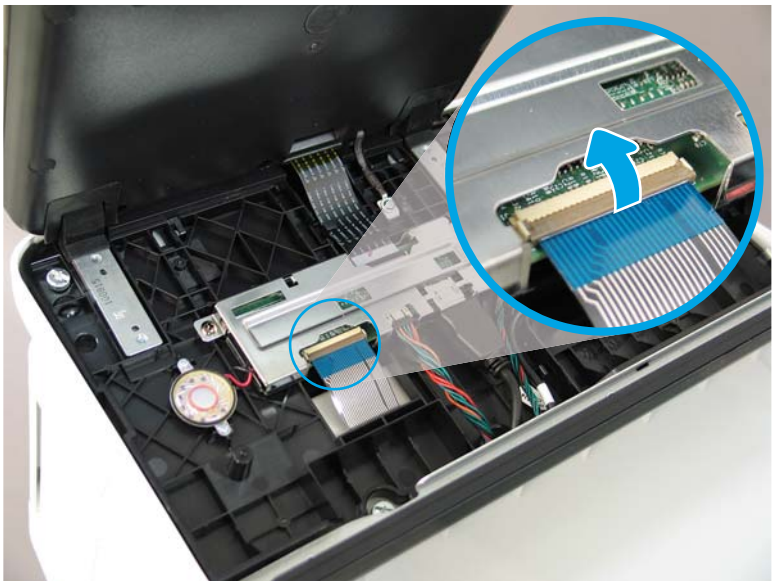
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-693 Remove the cover



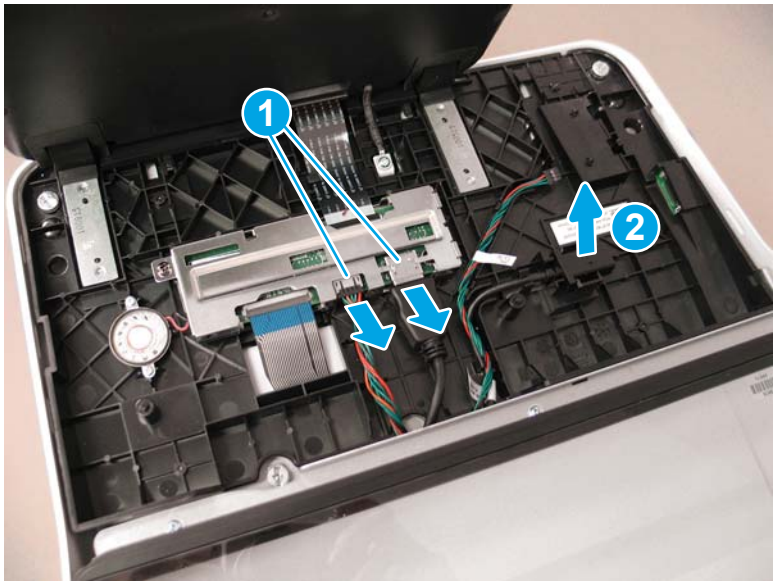
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-694 Disconnect the keyboard fla cable (keyboard models only)



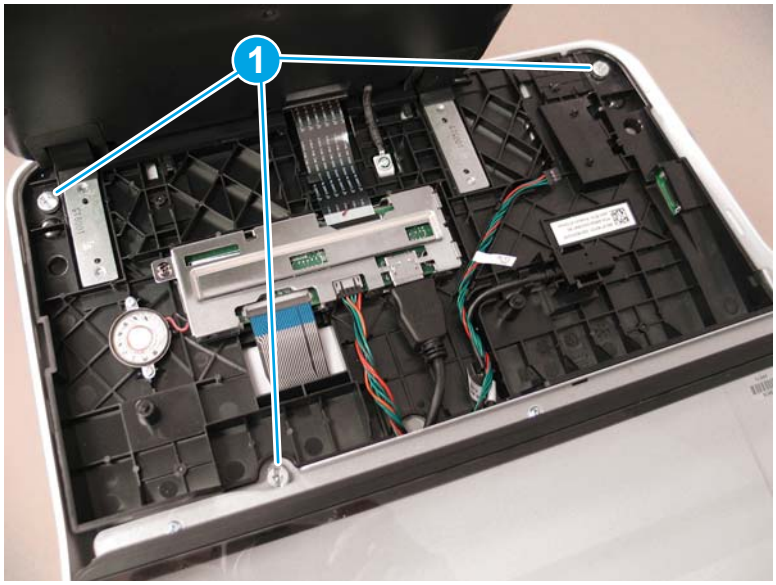
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-695 Disconnect connectors



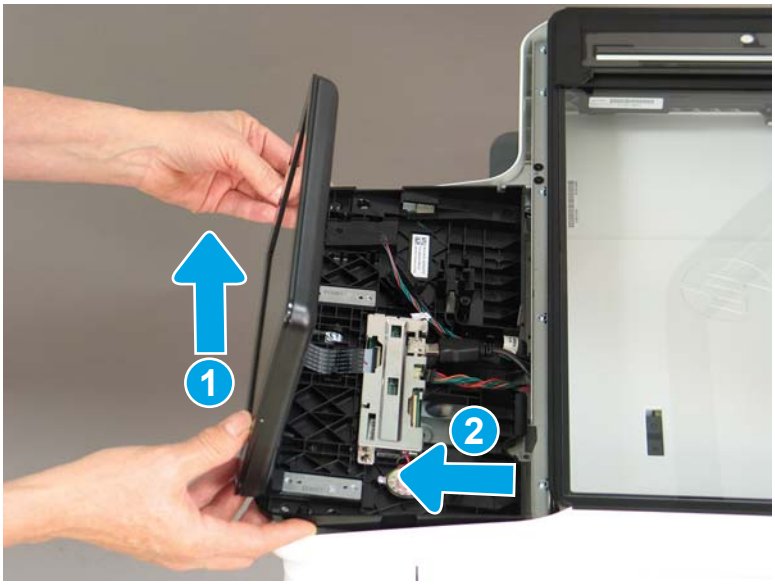
6. Remove three thumbscrews (callout 1).

Figure 1-696 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

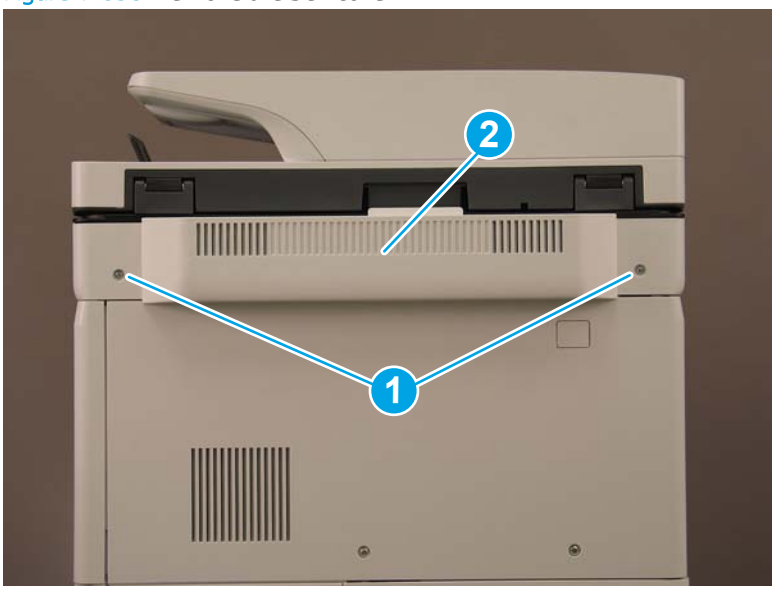
Figure 1-697 Remove the control panel



Step 2: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

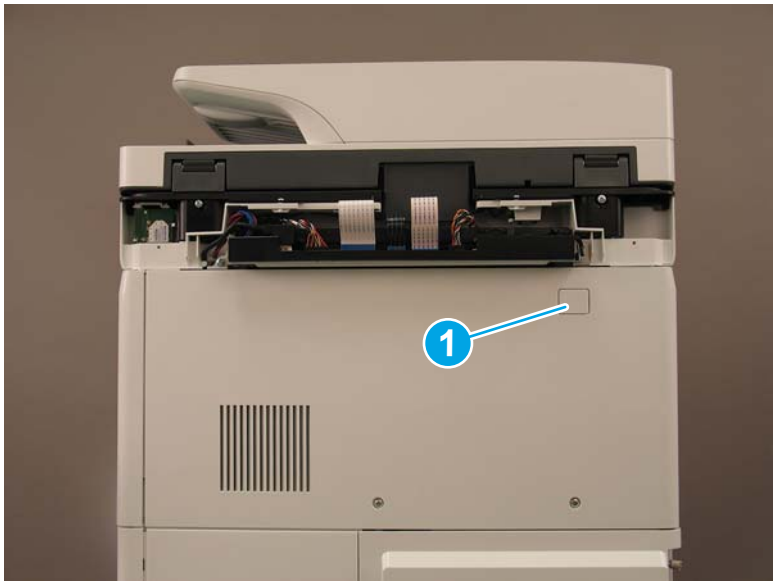
Figure 1-698 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

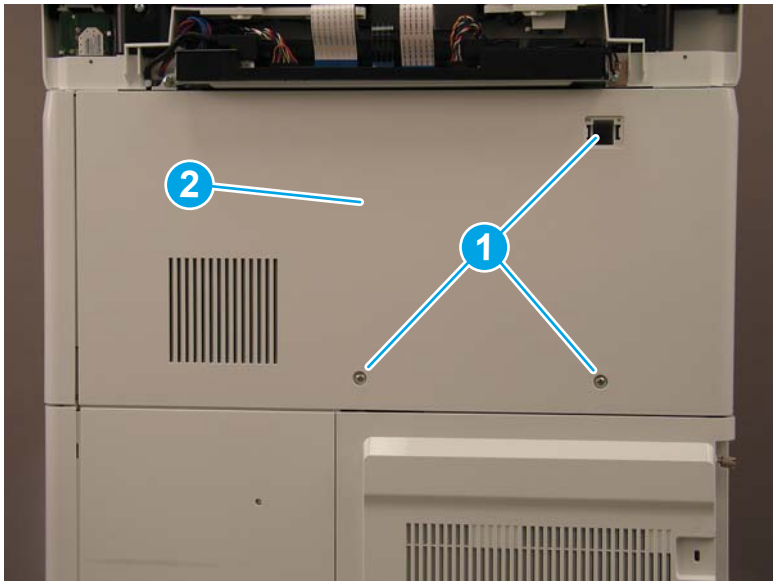
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-699 Remove the small cover



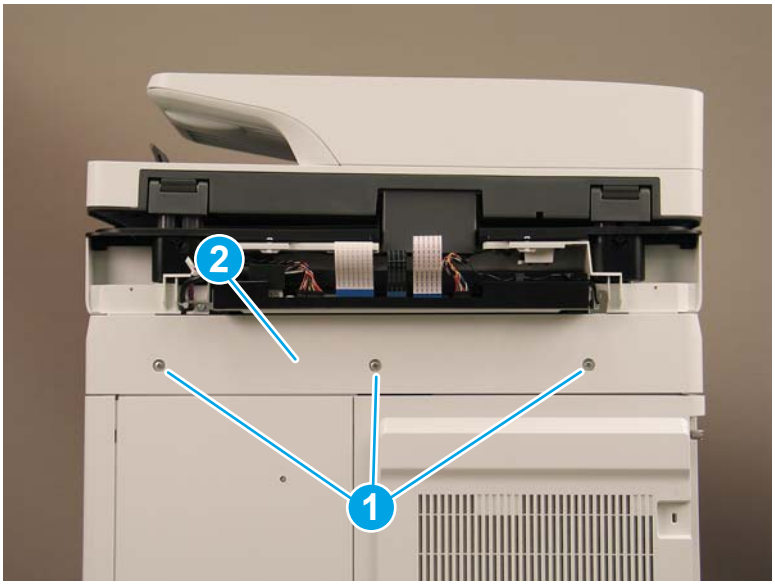
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-700 Remove the stapler/stacker rear cover



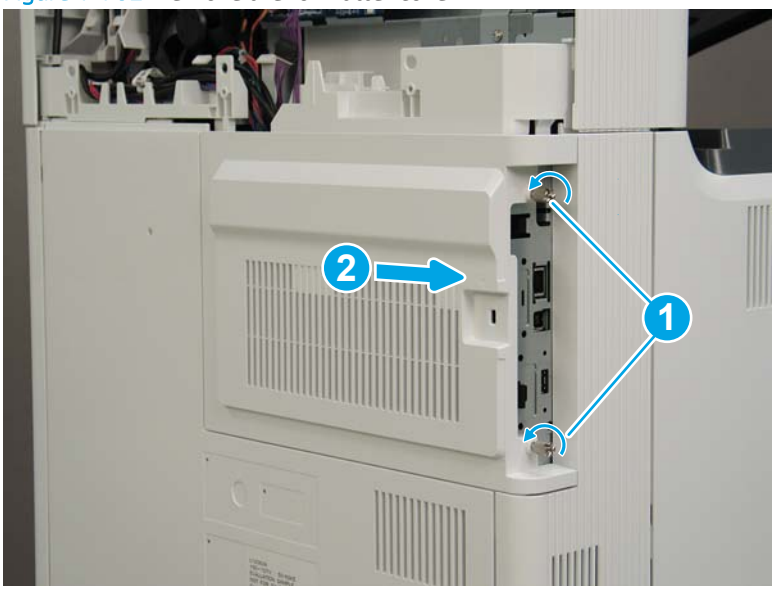
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-701 Remove the upper rear cover



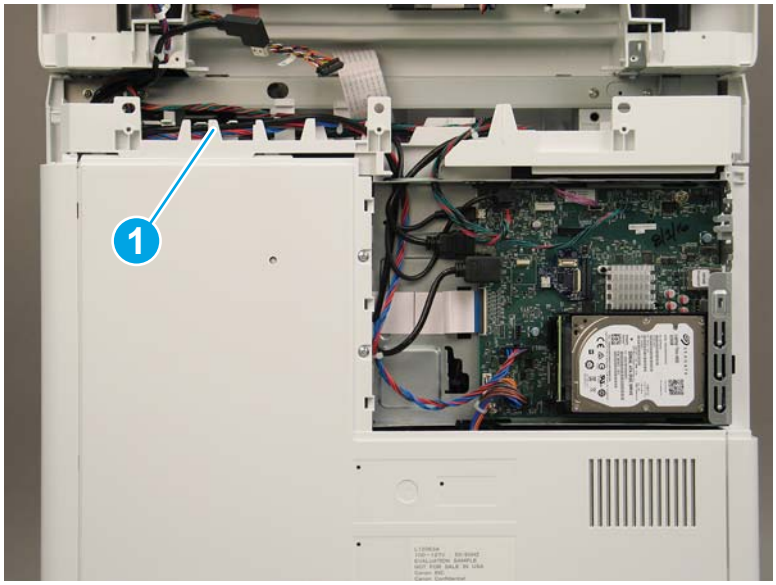
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-702 Remove the formatter cover



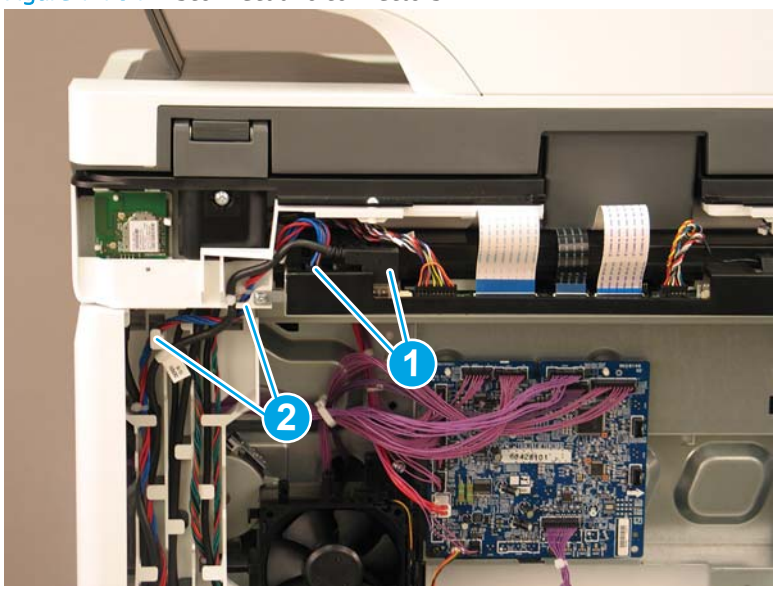
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-703 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-704 Disconnect two connectors



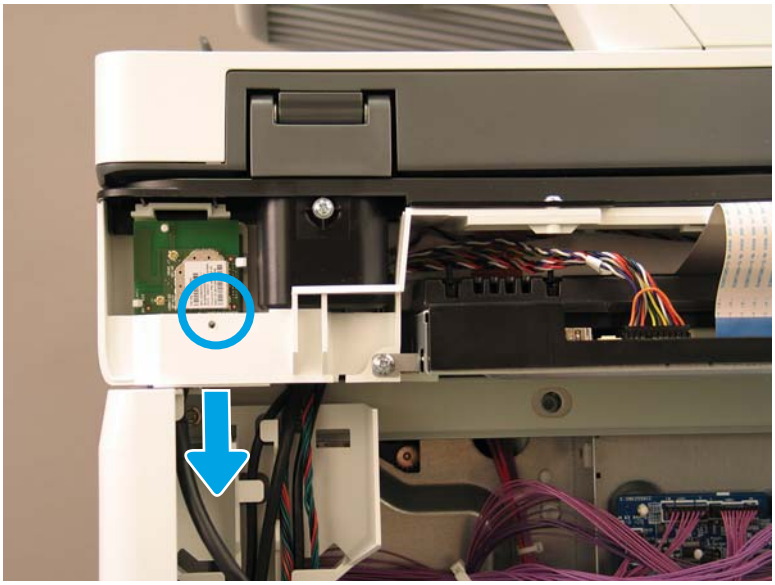
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-705 Disconnect fiv connectors



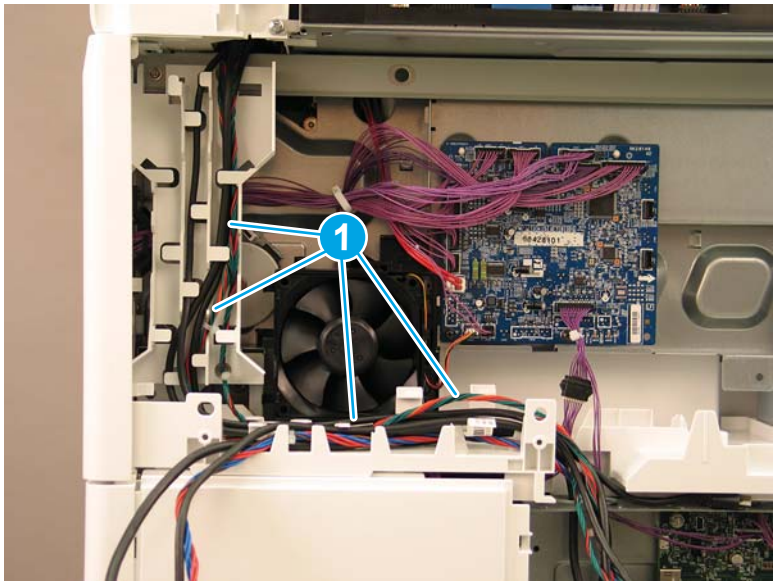
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-706 Disconnect the wireless connector



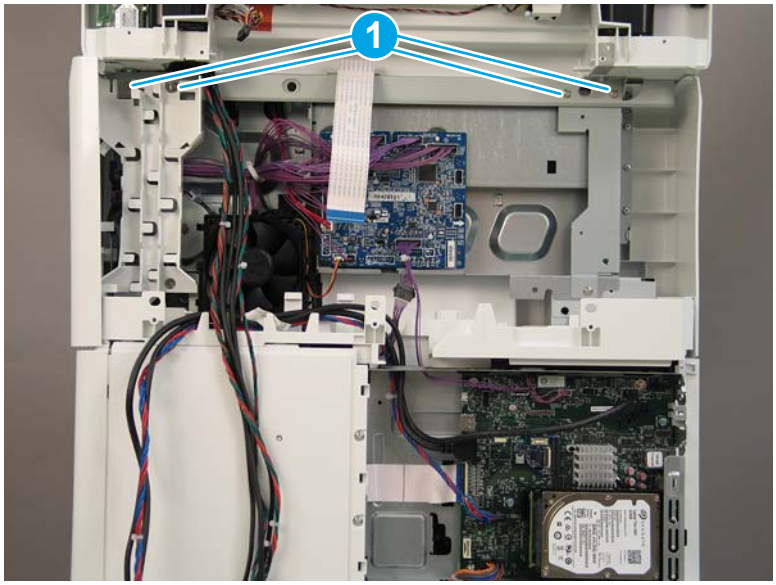
9. Release all of the cables from the cable guides (callout 1).

Figure 1-707 Release the cables



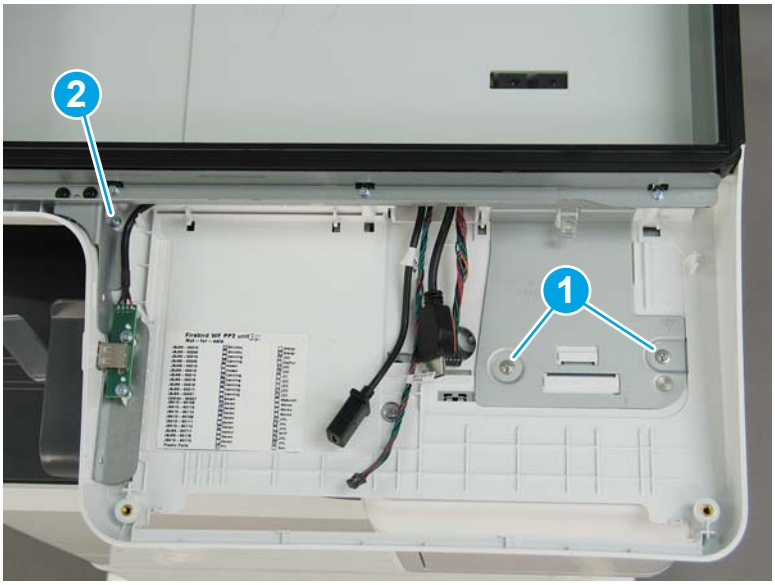
10. At the back of the printer, remove four screws (callout 1).

Figure 1-708 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-709 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-710 Remove the document feeder and image scanner



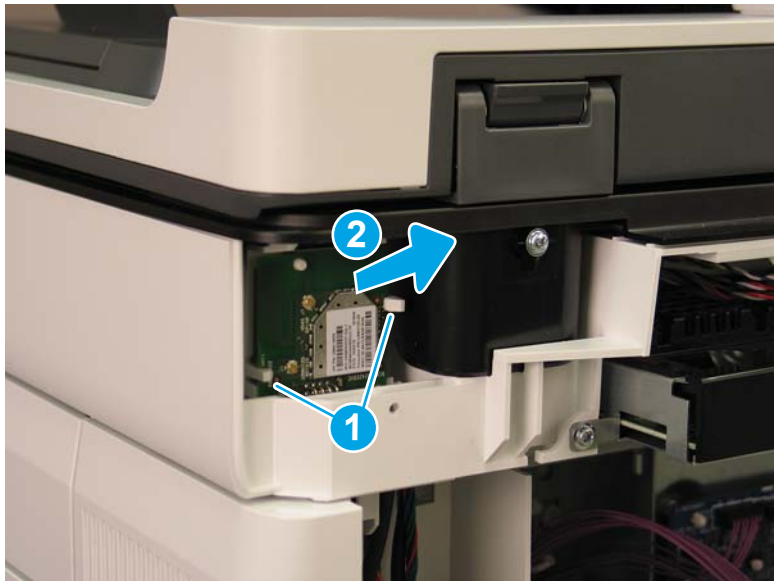
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

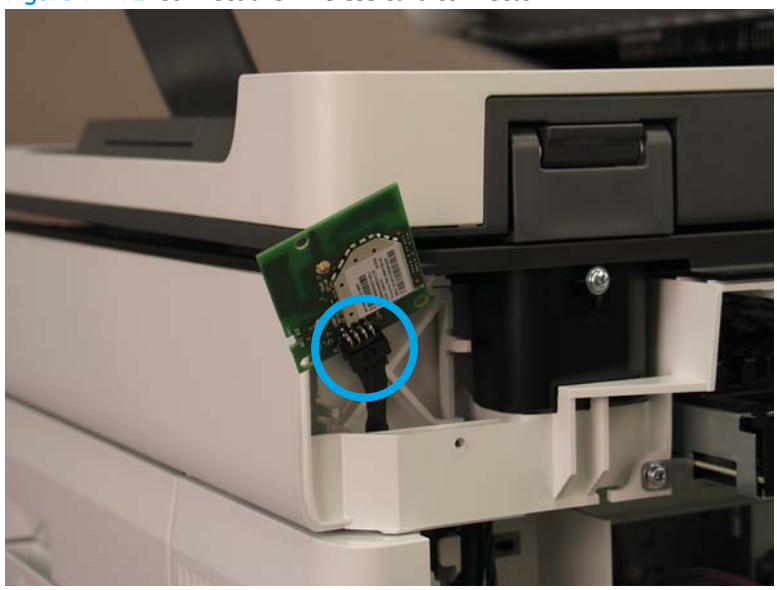
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-711 Remove the wireless card



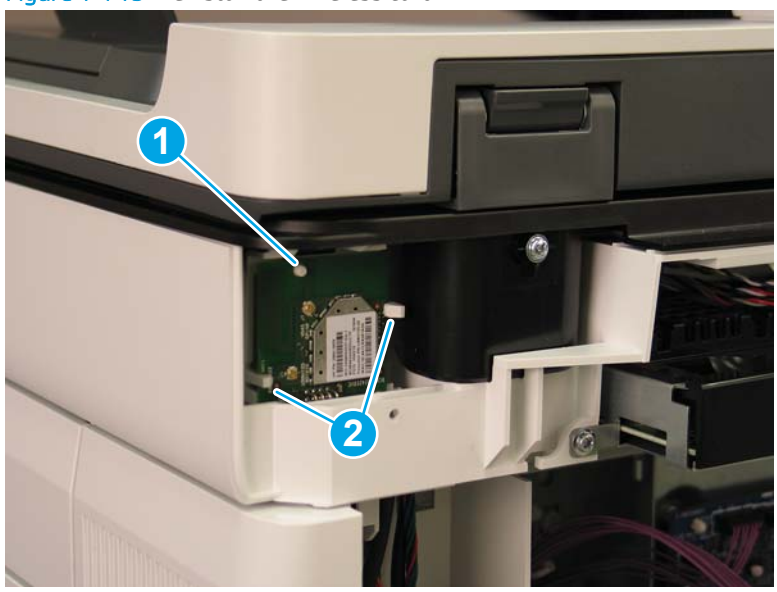
ii. Connect the cable to the wireless card (callout 1).

Figure 1-712 Connect the wireless card connector



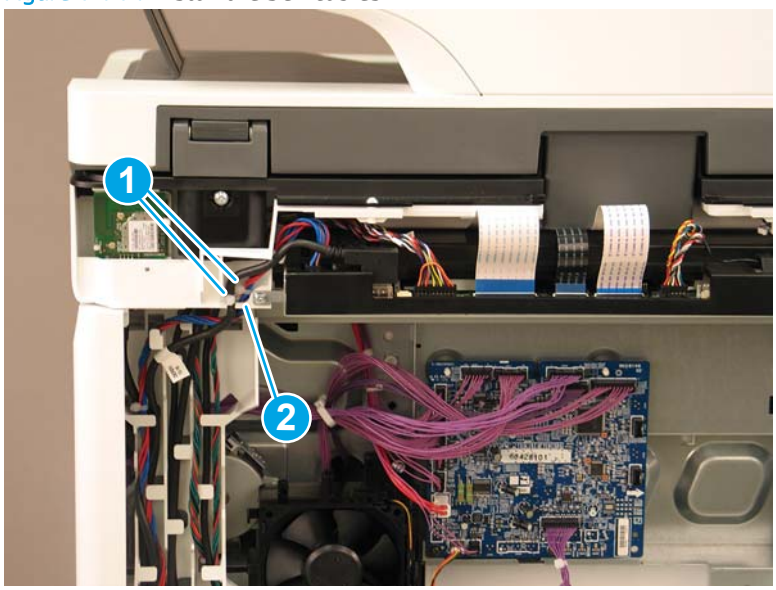
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-713 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-714 Install the SCB cables



Step 3: Remove the stapler/stacker

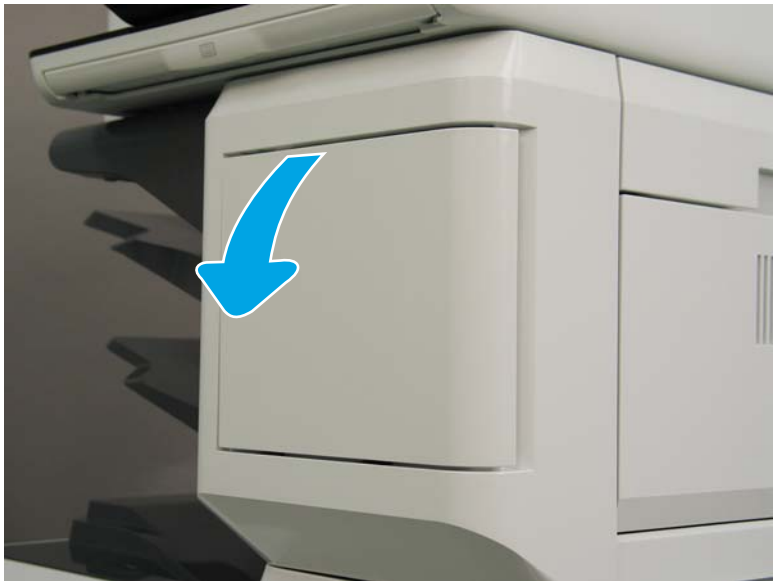
1. Open the front door.

Figure 1-715 Open the front door



2. Open the stapler door.

Figure 1-716 Open the stapler door



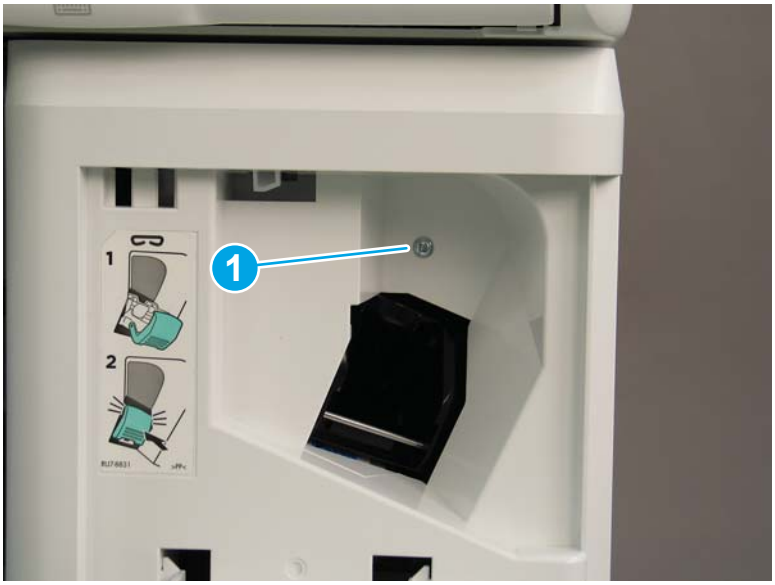
3. Release the latch, and then remove the staple cartridge.

Figure 1-717 Remove the staple cartridge



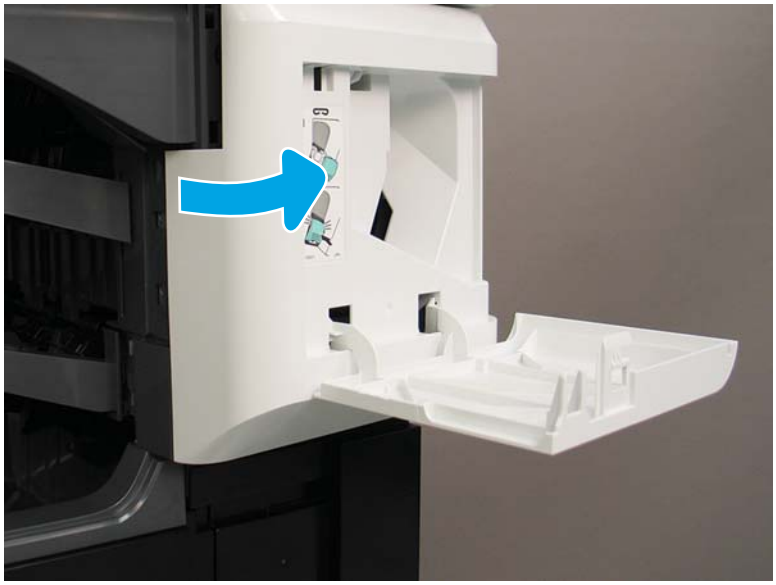
4. Remove one screw (callout 1).

Figure 1-718 Remove one screw



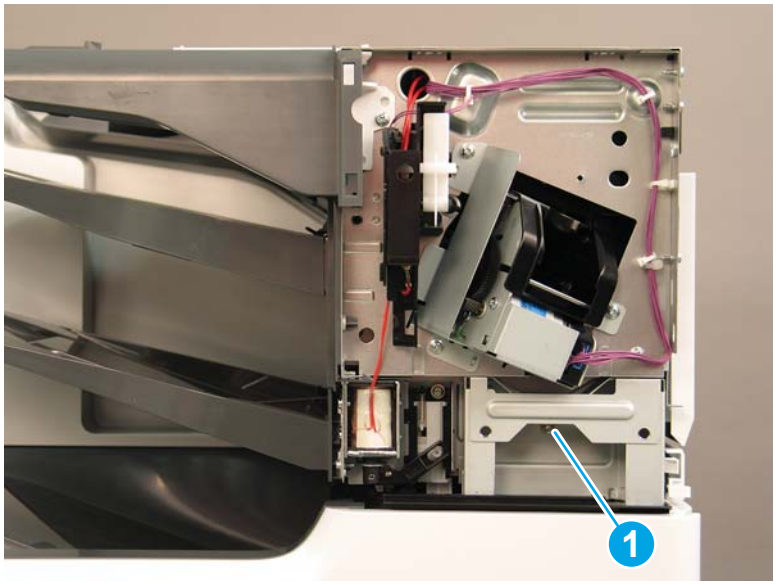
5. Rotate the stapler cover to the right to remove it.

Figure 1-719 Remove the stapler cover



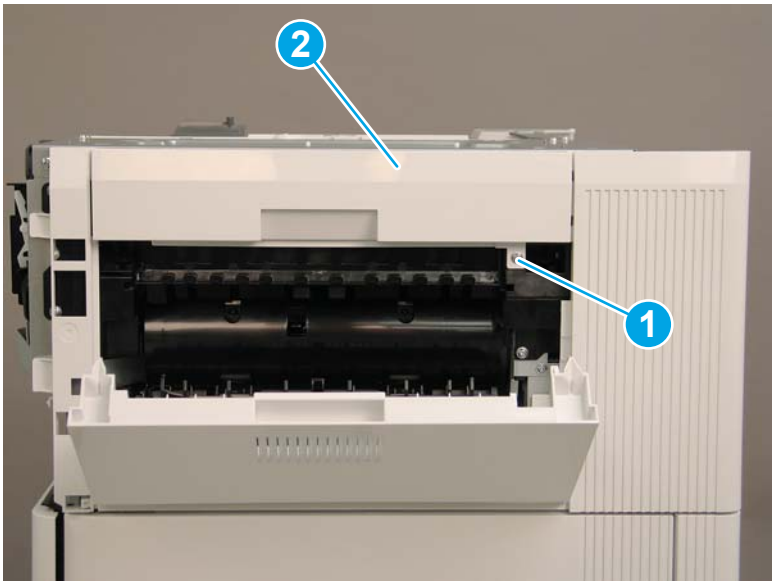
6. Remove one screw (callout 1).

Figure 1-720 Remove one screw



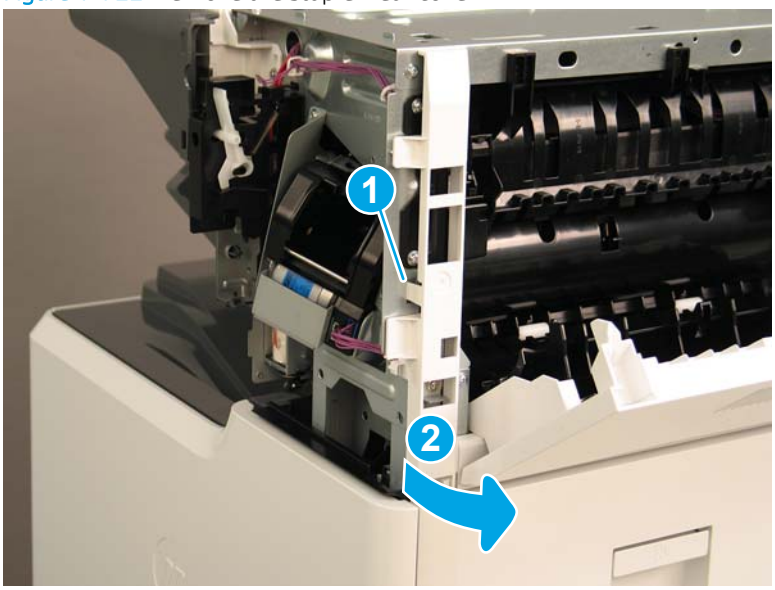
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-721 Remove the stapler/stacker right upper cover



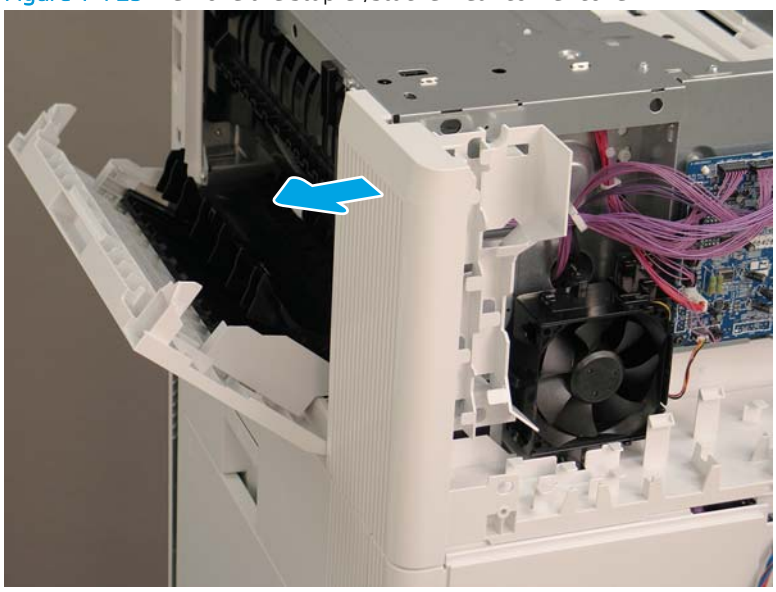
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-722 Remove the stapler rear cover



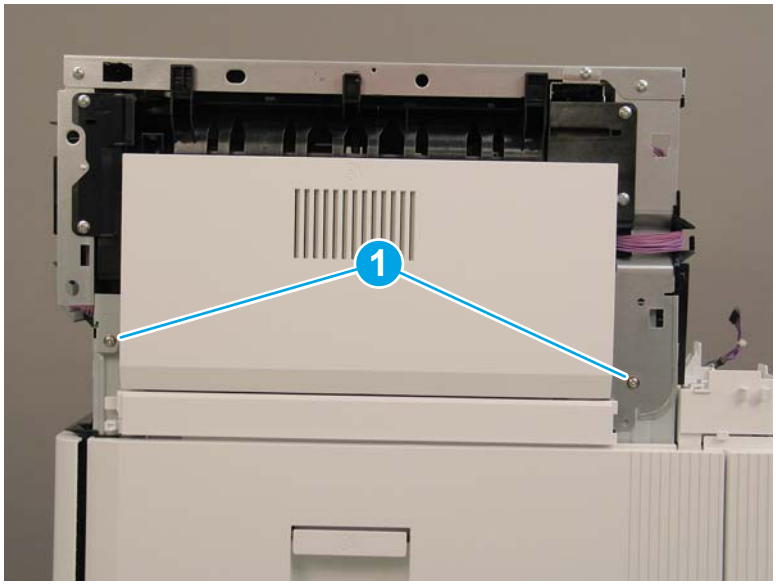
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-723 Remove the stapler/stacker rear corner cover



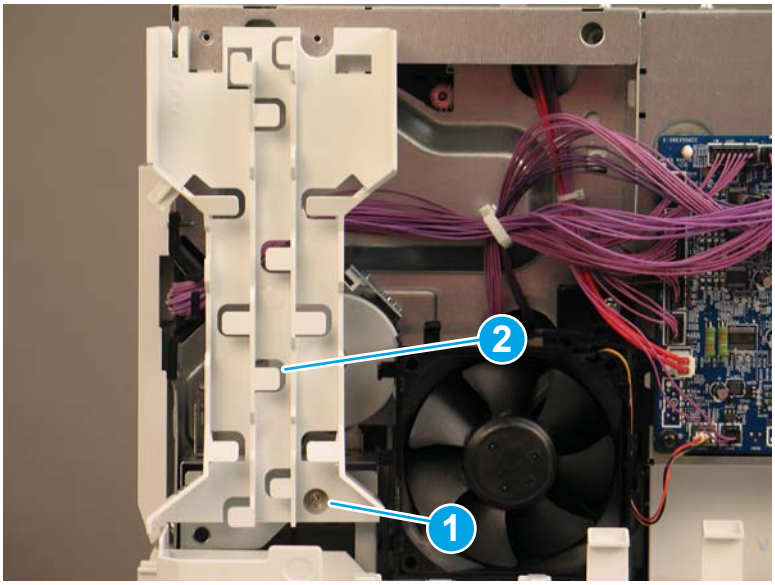
10. Remove two screws (callout 1).

Figure 1-724 Remove two screws



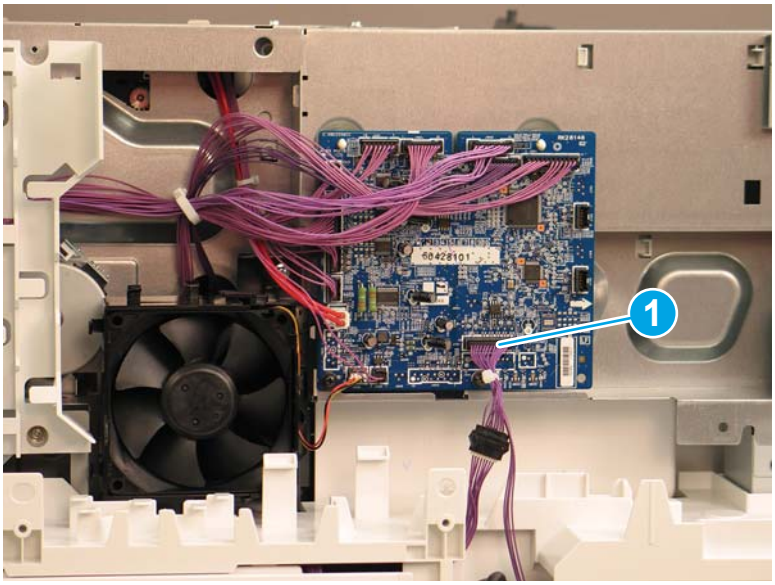
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-725 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

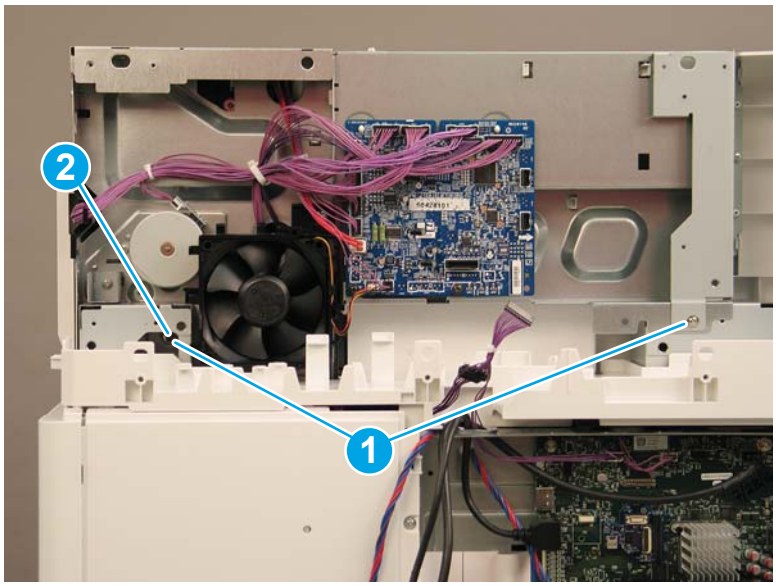
Figure 1-726 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

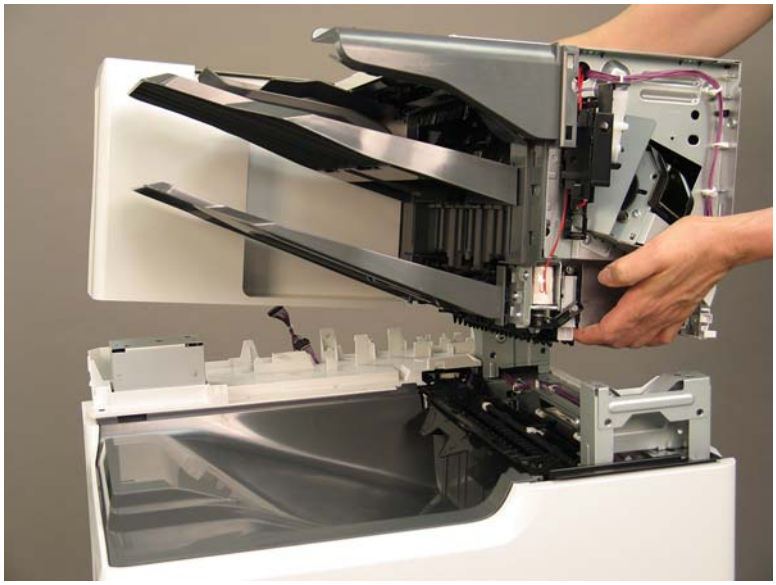
Figure 1-727 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-728 Remove the stapler/stacker



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the rear cover (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear cover on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear cover (3-bin stapler/stacker) part number	
RC4-7406-000CN	Cover, rear front

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

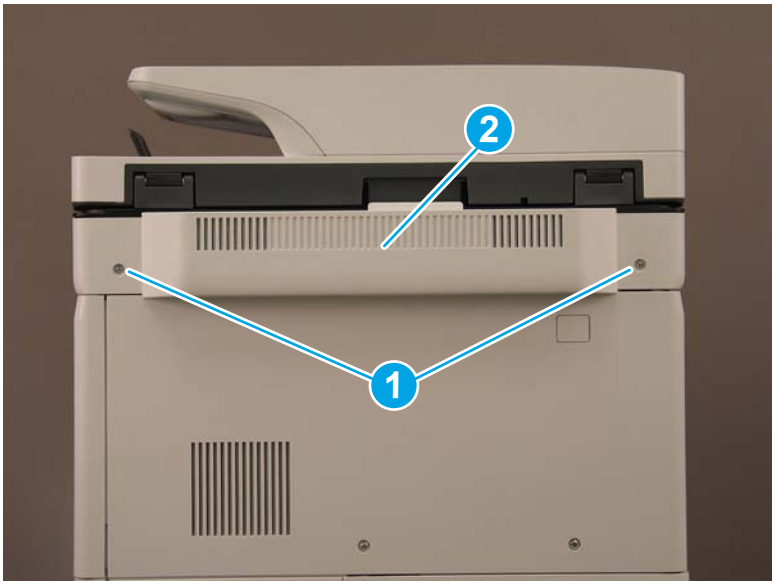
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3-bin stapler/stacker)

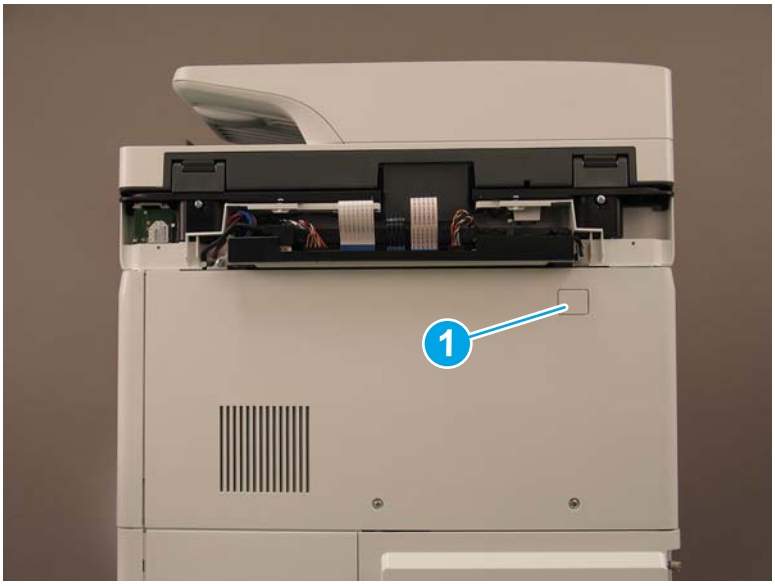
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-729 Remove two screws



2. Remove one screw cover (callout 1).

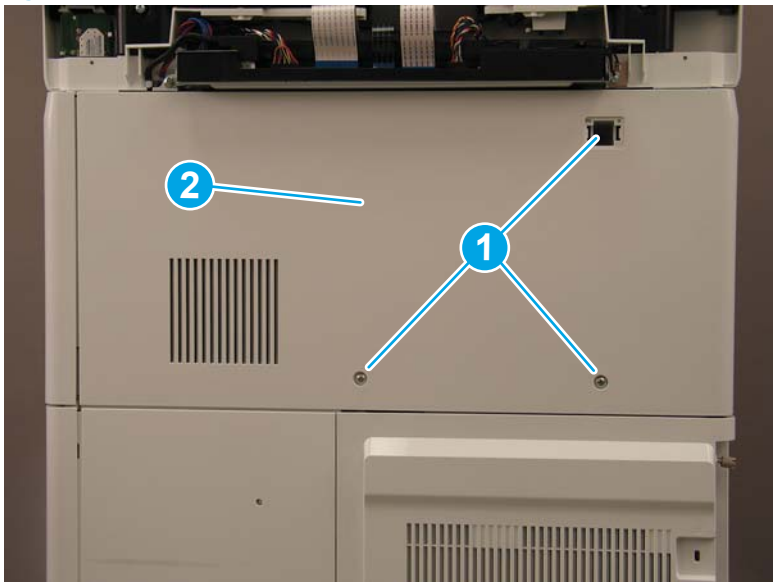
Figure 1-730 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-731 Remove three screws and the rear cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the right door (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door (3-bin stapler/stacker) part number	
RM2-6807-000CN	Right door assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

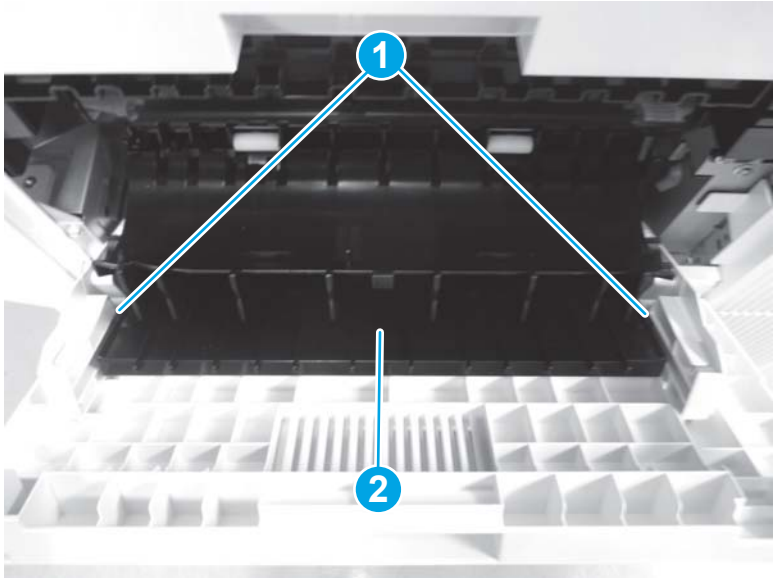
No post service test is available for this assembly.

Step 1: Remove the right door (3-bin stapler/stacker)

1. Open the right door.

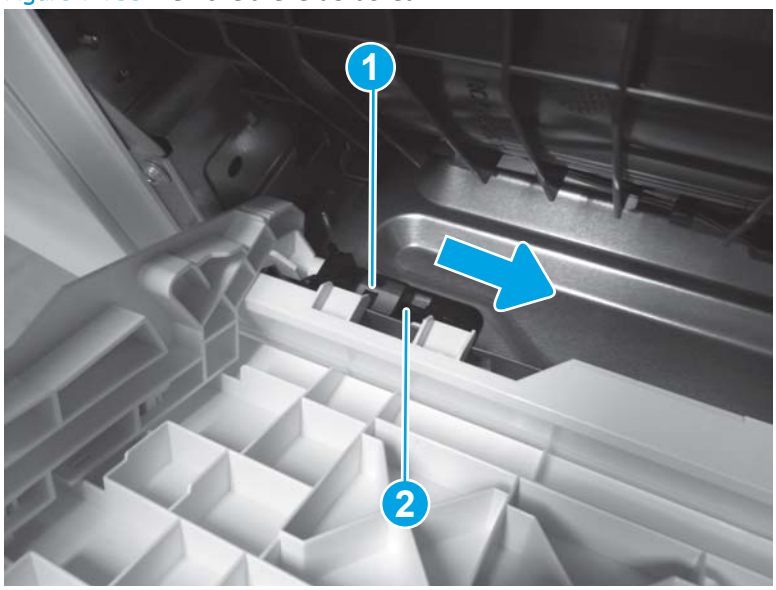
2. Release two shafts (callout 1), and then raise the feed guide (callout 2).

Figure 1-732 Raise the feed guide



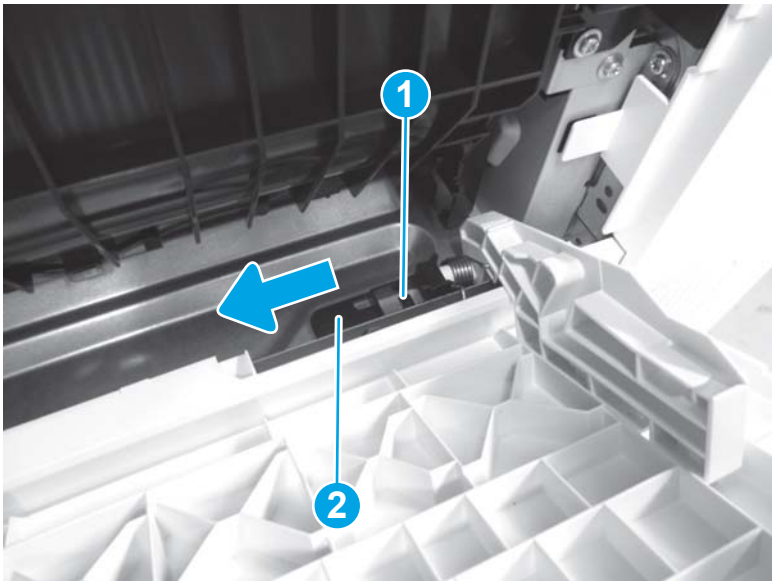
3. On the left side of the door, release one tab (callout 1), and then slide the bracket (callout 2) to the right to remove it.

Figure 1-733 Remove the left bracket



4. On the right side of the door, release one tab (callout 1), and then slide the bracket (callout 2) to the left to remove it.

Figure 1-734 Remove the right bracket

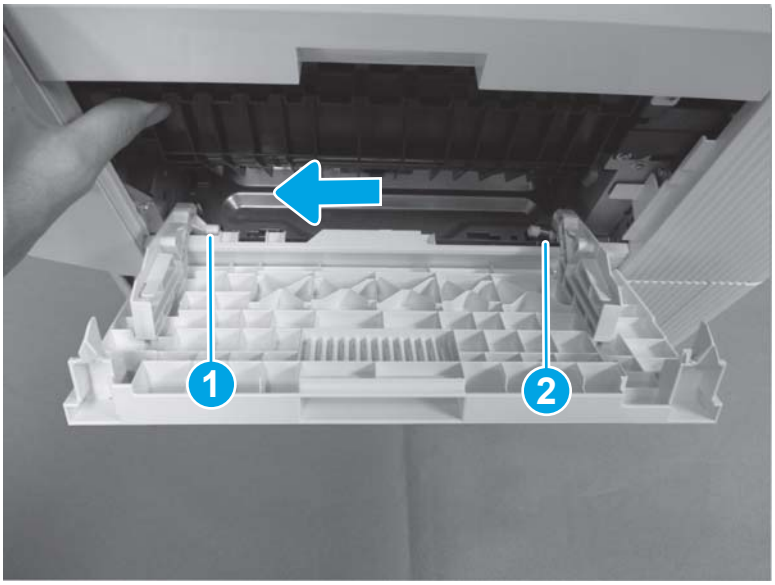


5. Release the left hinge pin (callout 1), and then slide the door to the left to release the right hinge pin (callout 2).

NOTE: The spring on the right hinge pin (callout 2) is not captive. Do not lose the spring.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-735 Remove the right door



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right upper cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the right upper cover (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right upper cover on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right upper cover (3-bin stapler/stacker) part number	
RC4-7409-000CN	Cover, right upper

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

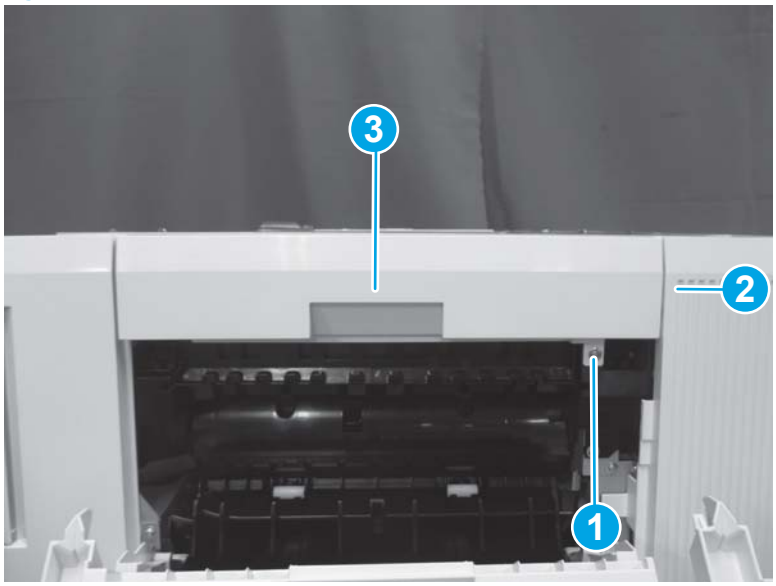
Step 1: Remove the right upper cover (3-bin stapler/stacker)

1. Open the right door.

2. Remove one screw (callout 1), release one tab (callout 2), and then remove the right upper cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-736 Remove the right upper cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Staple door (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the staple door (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the stapler door.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Stapler door part number	
RC4-9575-000CN	Stapler door

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

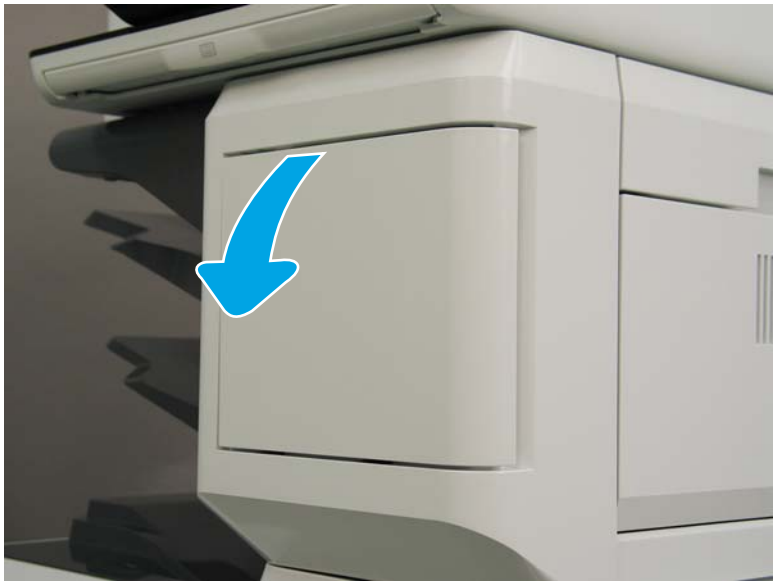
Post service test

No post service test is available for this assembly.

Step 1: Remove the staple door (3-bin stapler/stacker)

1. Open the stapler door.

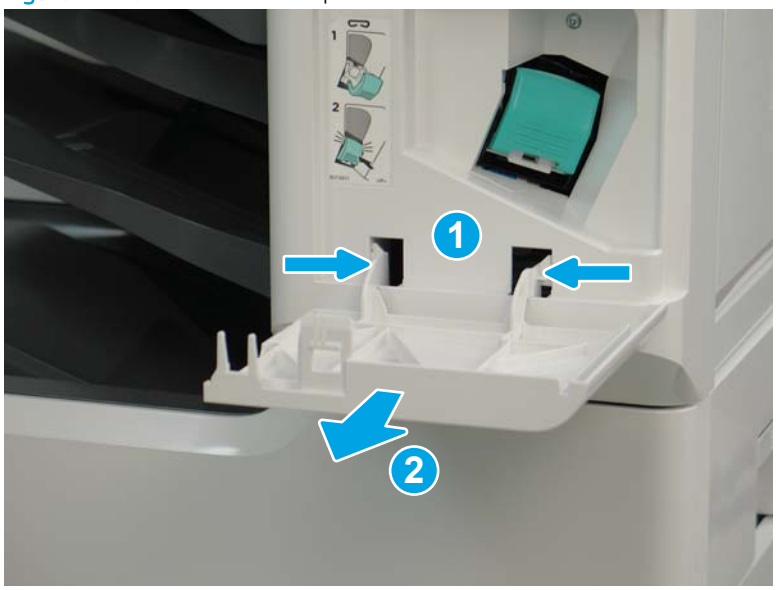
Figure 1-737 Open the stapler door



2. Press inward to release two hinge pins (callout 1), and then pull the stapler door away from the printer (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-738 Remove the stapler door



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Staple cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the staple cover (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the stapler cover.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Stapler cover part number	
RC4-7405-000CN	Stapler cover

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the staple cover (3-bin stapler/stacker)

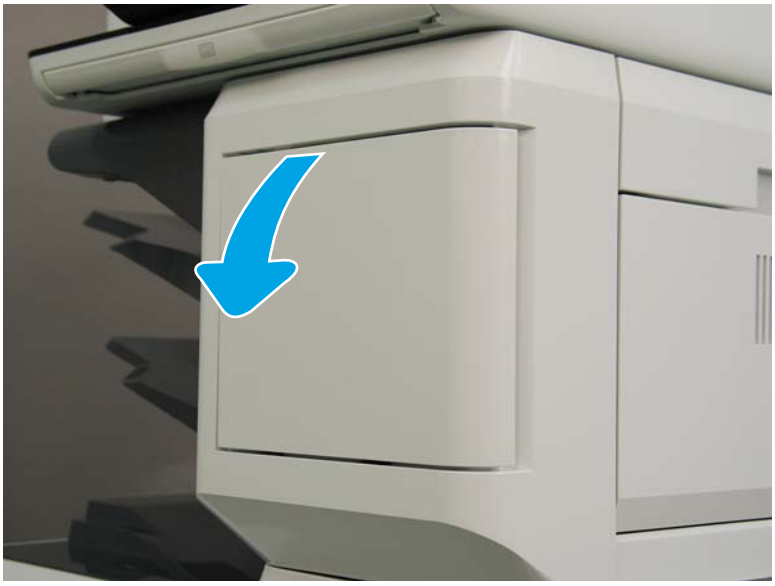
1. Open the front door.

Figure 1-739 Open the front door



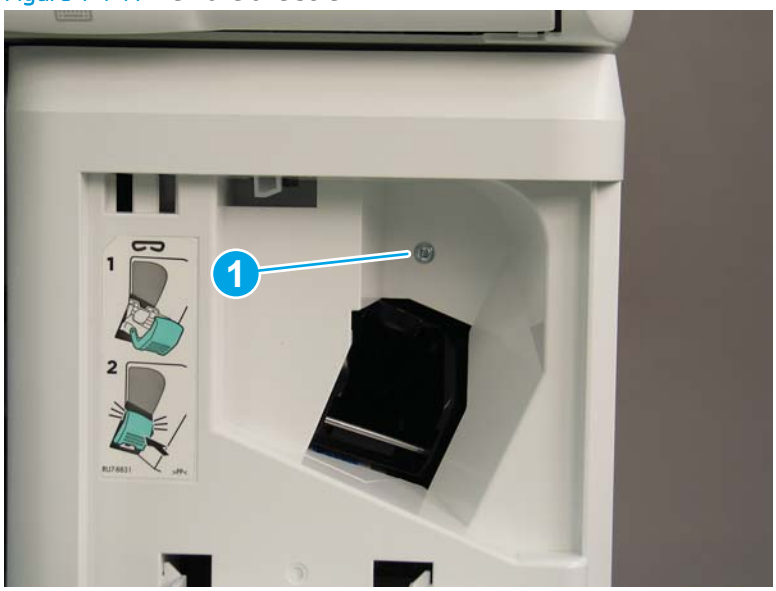
2. Open the stapler door.

Figure 1-740 Open the stapler door



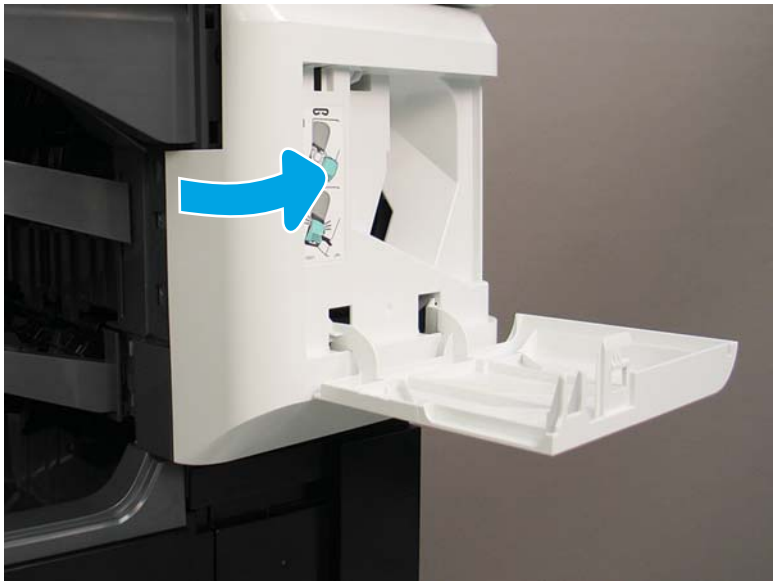
3. Remove one screw (callout 1).

Figure 1-741 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-742 Remove the stapler cover.



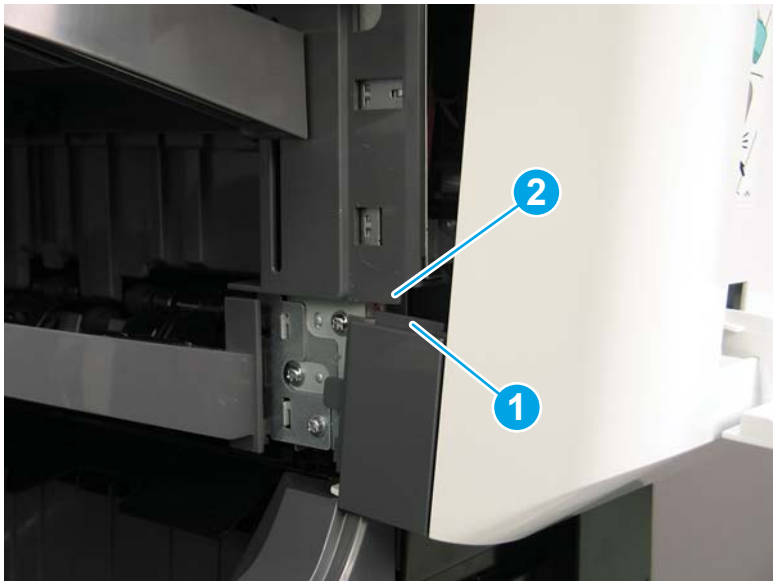
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-743 Position the tab



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Stapler

- Introduction
- Step 1: Remove the staple cartridge
- Step 2: Remove the stapler cover
- Step 3: Remove the stapler
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the stapler.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Stapler part number	
RM2-1193-000CN	Stapler assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

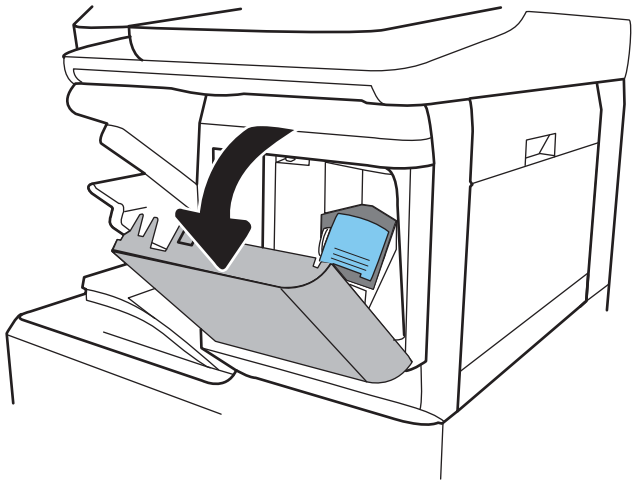
Post service test

Print a multi-page document and select the stapling option. Verify that the document is correctly stapled.

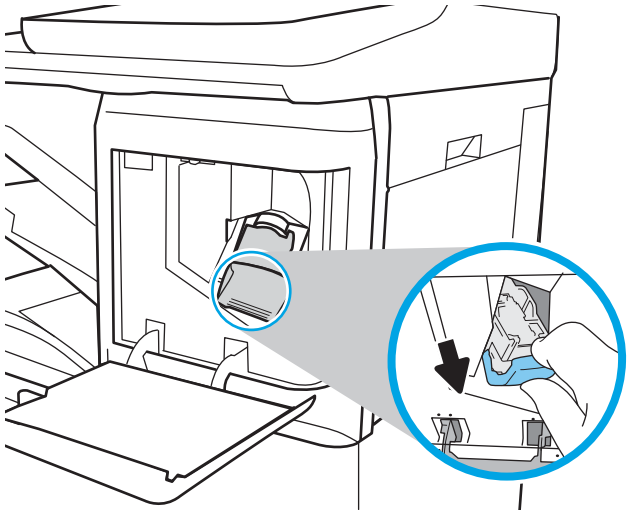
Step 1: Remove the staple cartridge

1. Open the staple-cartridge door.

NOTE: Opening the staple-cartridge door disables the stapler.

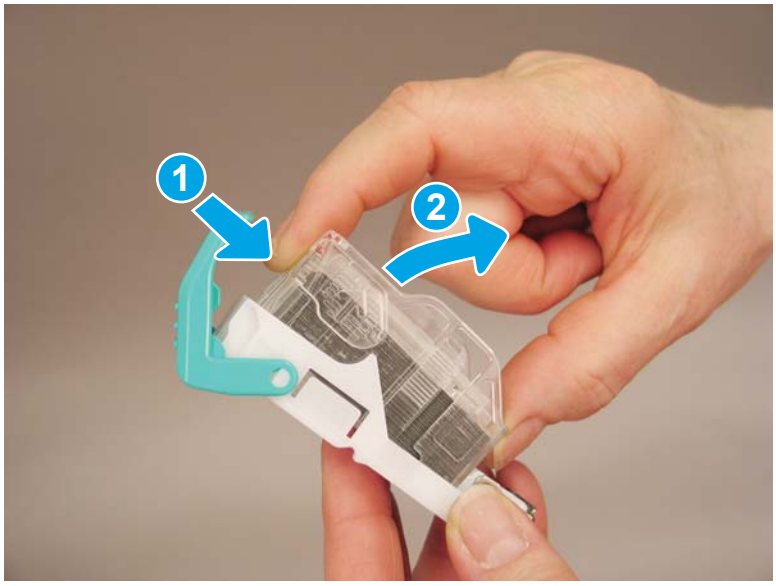


2. Grasp the colored tab on the staple cartridge, and then pull the staple cartridge straight out.



3. Press the end of the staple cartridge refil closest to the green handle down to release it (callout 1), and then rotate the refil away from the carrier (callout 2) to remove it.

Figure 1-744 Release the staple cartridge refil



Step 2: Remove the stapler cover

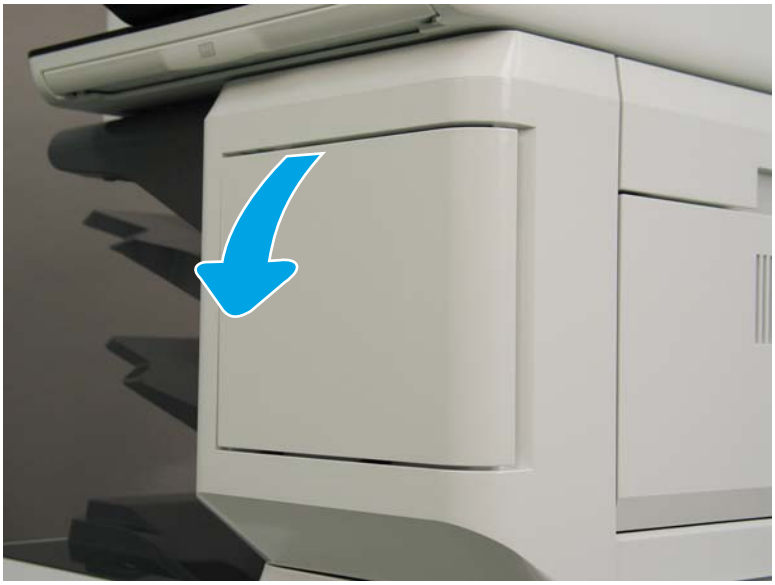
1. Open the front door.

Figure 1-745 Open the front door



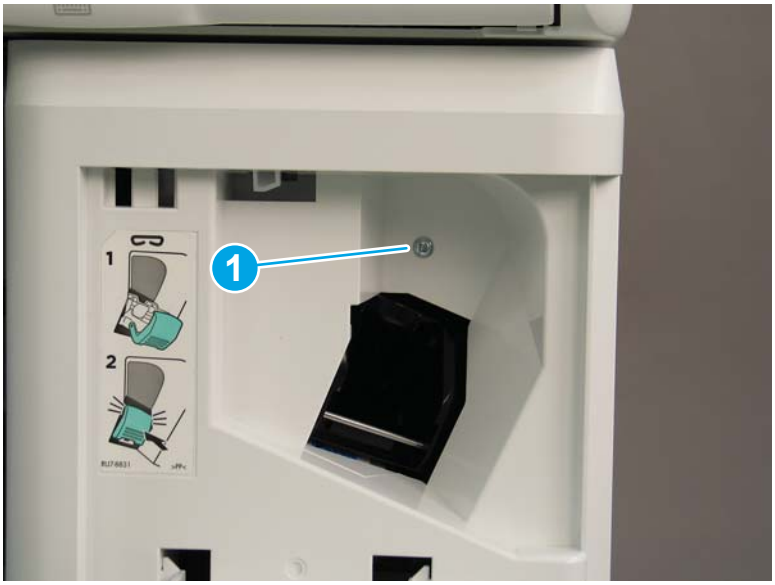
2. Open the stapler door.

Figure 1-746 Open the stapler door



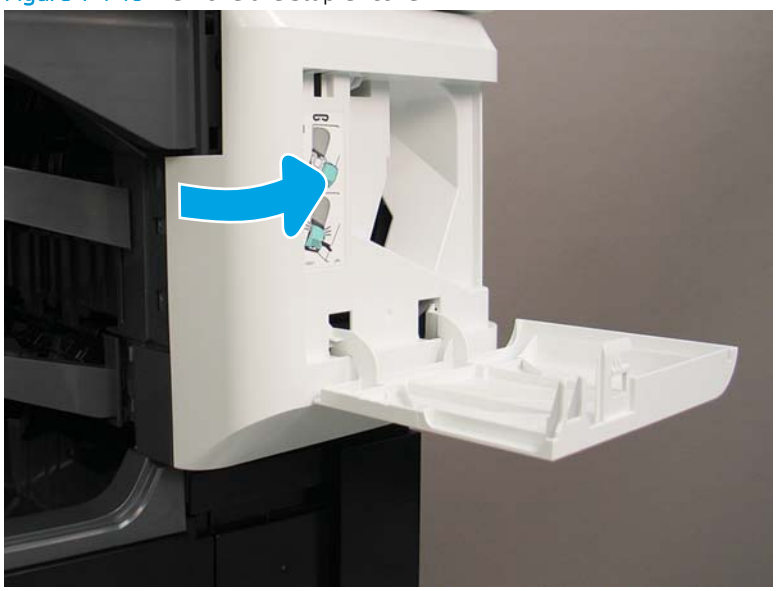
3. Remove one screw (callout 1).

Figure 1-747 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-748 Remove the stapler cover.



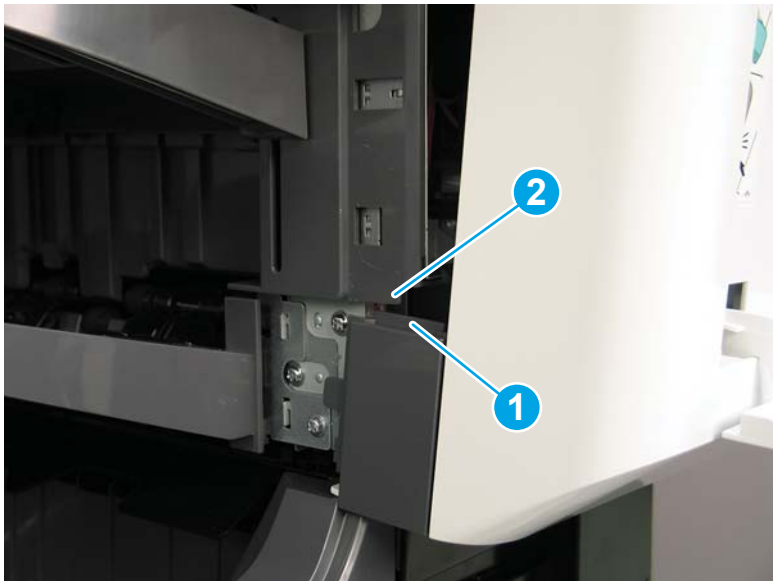
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

▲ When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-749 Position the tab

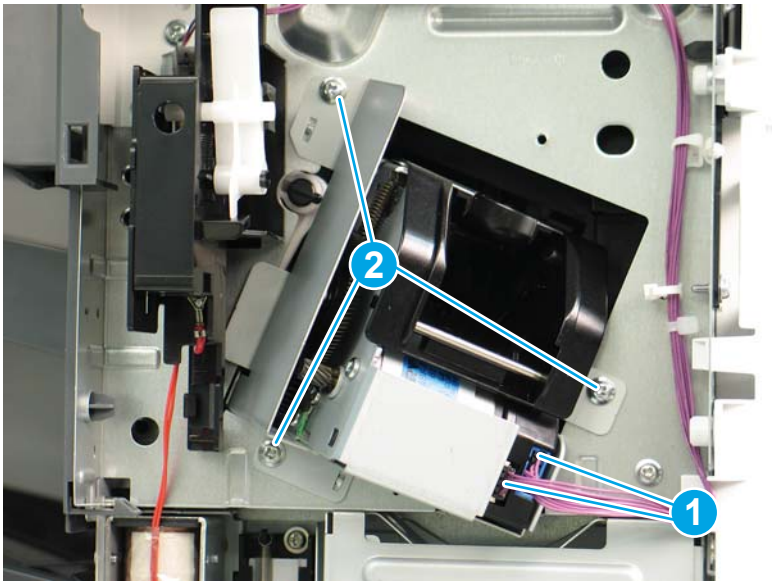


Step 3: Remove the stapler

▲ Disconnect two connectors (callout 1), remove three screws (callout 2), and then lift the stapler away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-750 Remove the stapler



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right front cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the stapler cover (3-bin stapler/stacker)
- Step 2: Remove the right front cover (3-bin stapler/stacker)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right front cover on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right front cover (3-bin stapler/stacker) part number	
RC4-9586-000CN	Cover, right front

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the stapler cover (3-bin stapler/stacker)

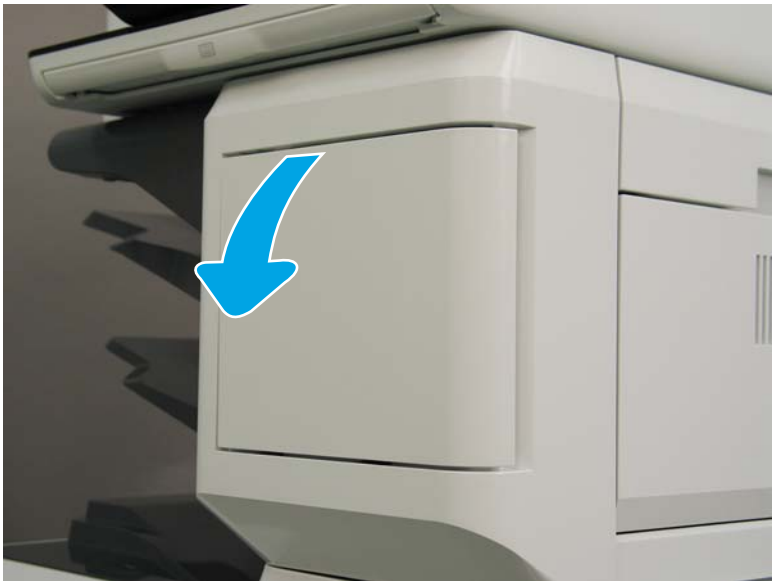
1. Open the front door.

Figure 1-751 Open the front door



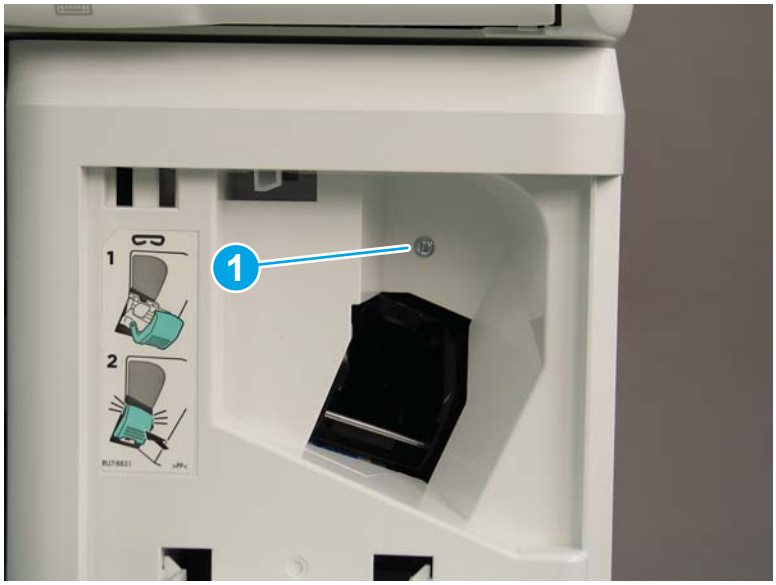
2. Open the stapler door.

Figure 1-752 Open the stapler door



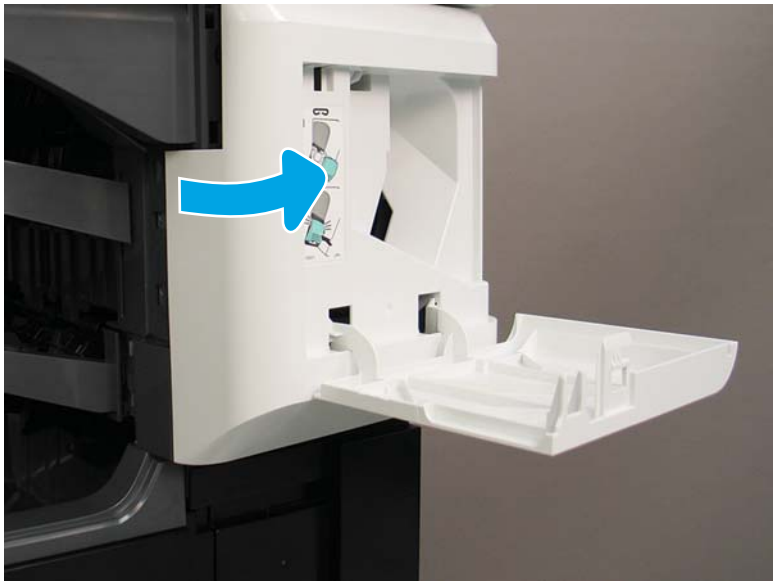
3. Remove one screw (callout 1).

Figure 1-753 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-754 Remove the stapler cover.



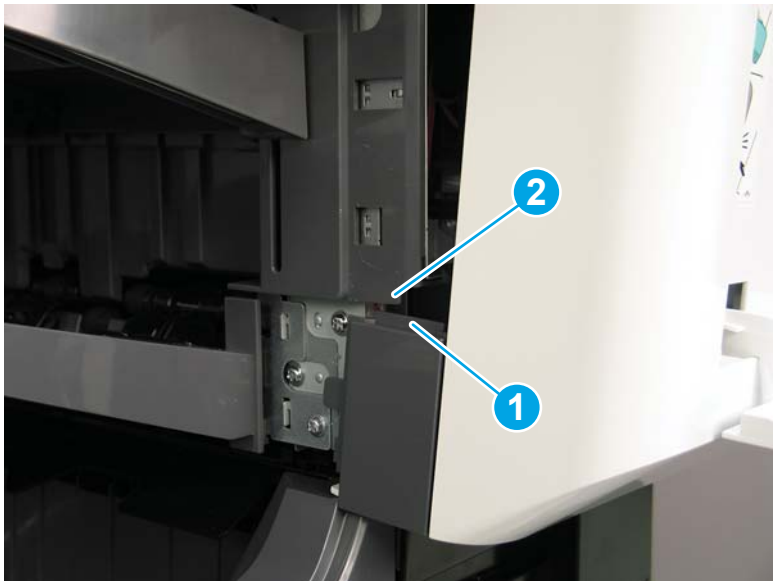
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-755 Position the tab

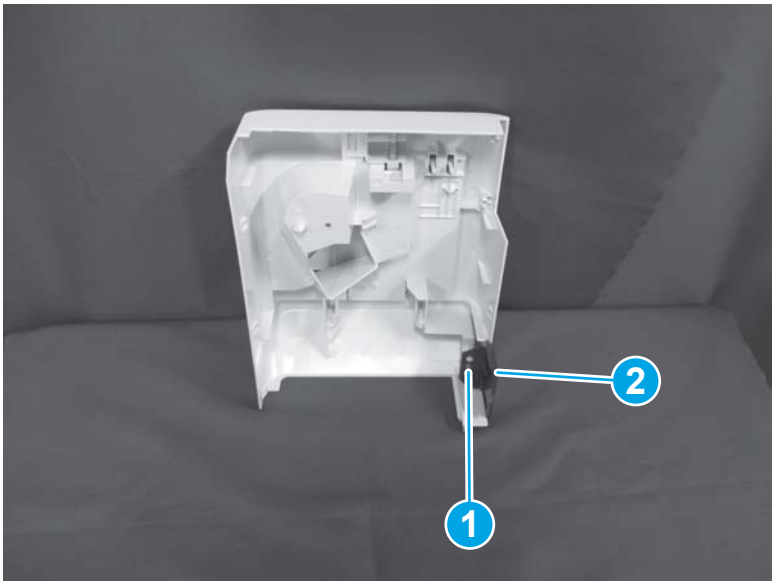


Step 2: Remove the right front cover (3-bin stapler/stacker)

▲ On the back of the staple cover, remove one screw (callout 1), and then remove the right front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-756 Remove the right front cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear inner cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the rear cover (3-bin stapler/stacker)
- Step 2: Remove the rear inner cover (3-bin stapler/stacker)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear inner cover on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear inner cover (3-bin stapler/stacker) part number	
RC4-7407-000CN	Cover, rear inner

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

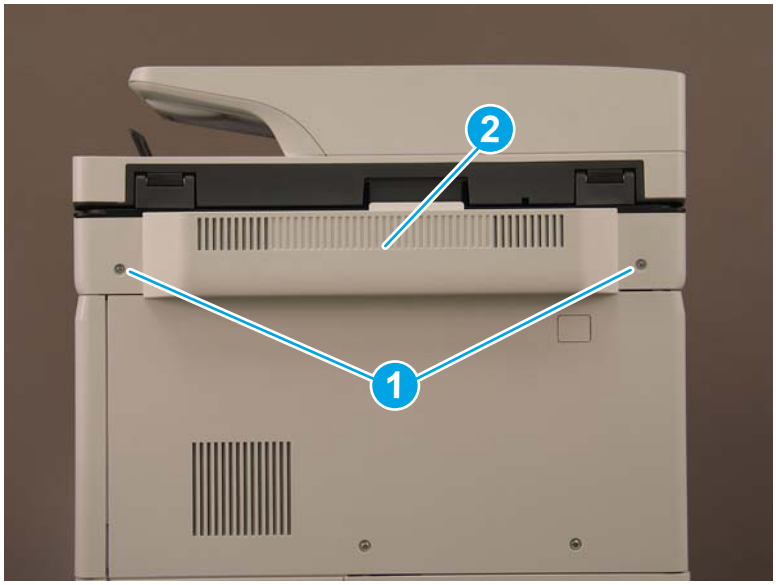
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3-bin stapler/stacker)

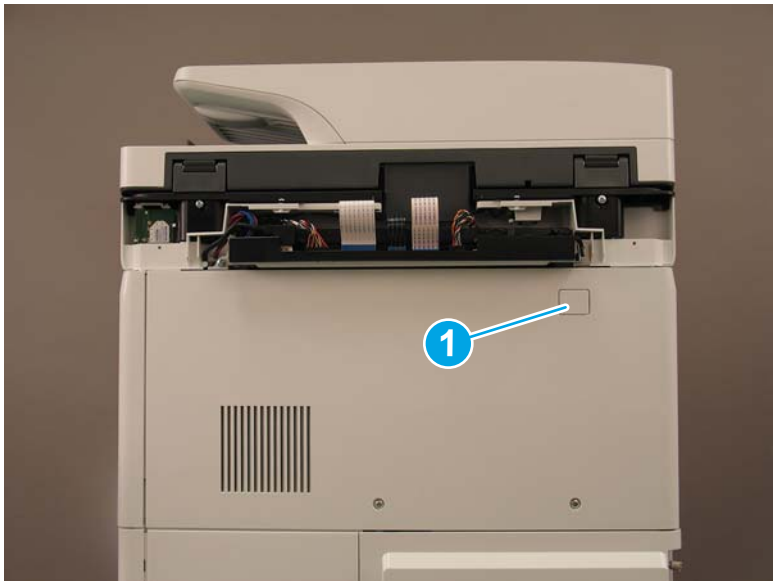
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-757 Remove two screws



2. Remove one screw cover (callout 1).

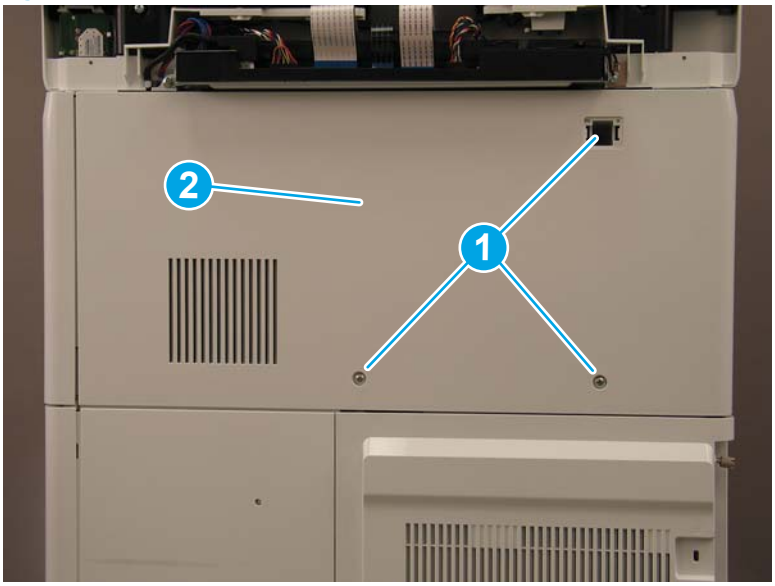
Figure 1-758 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-759 Remove three screws and the rear cover

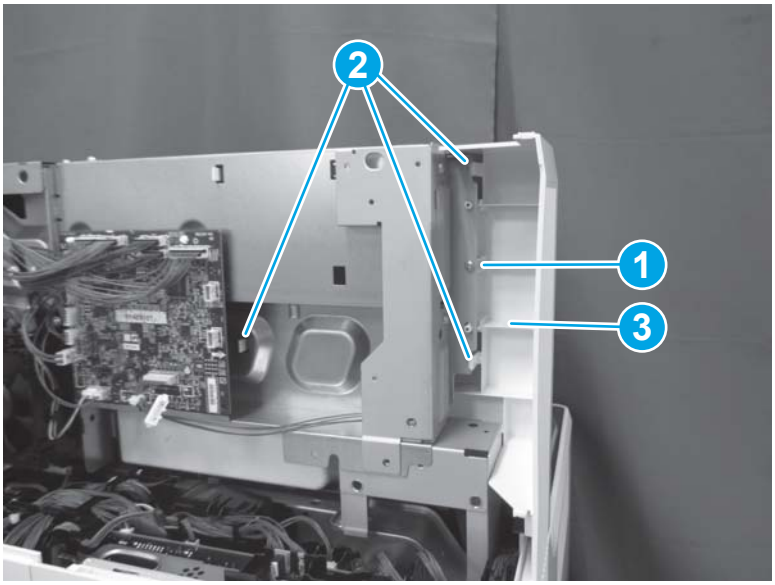


Step 2: Remove the rear inner cover (3-bin stapler/stacker)

▲ Remove one screw (callout 1), release three tabs (callout 2), and then remove the rear inner cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-760 Remove the rear inner cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right corner cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the rear cover (3-bin stapler/stacker)
- Step 2: Remove the right upper cover (3-bin stapler/stacker)
- Step 3: Remove the right corner cover (3-bin stapler/stacker)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right corner cover on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right corner cover (3-bin stapler/stacker) part number	
RC4-7408-000CN	Cover, rear corner

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

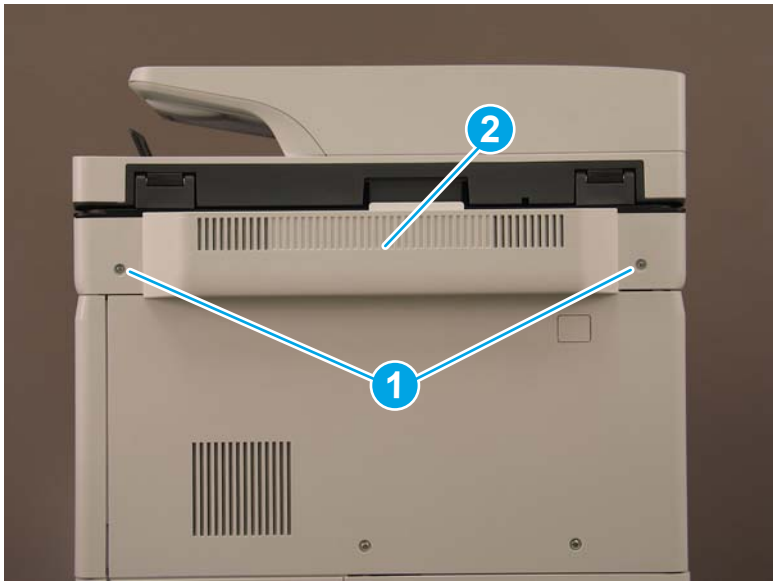
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3-bin stapler/stacker)

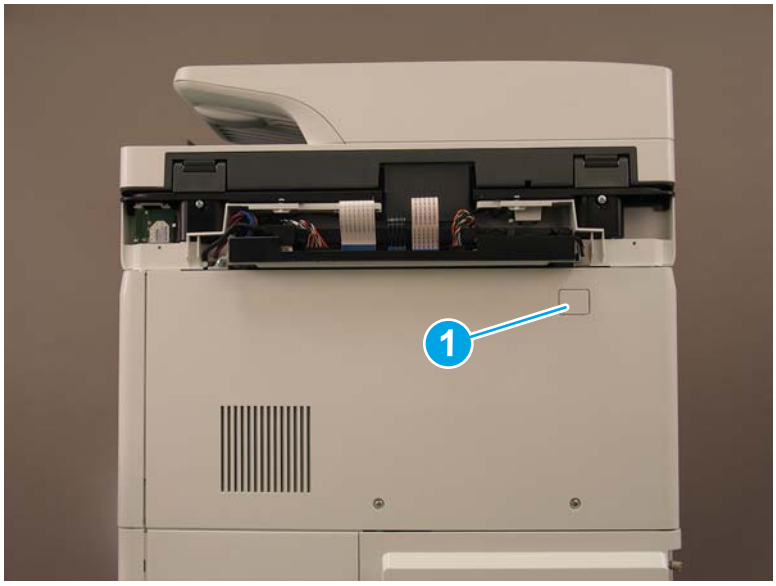
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-761 Remove two screws



2. Remove one screw cover (callout 1).

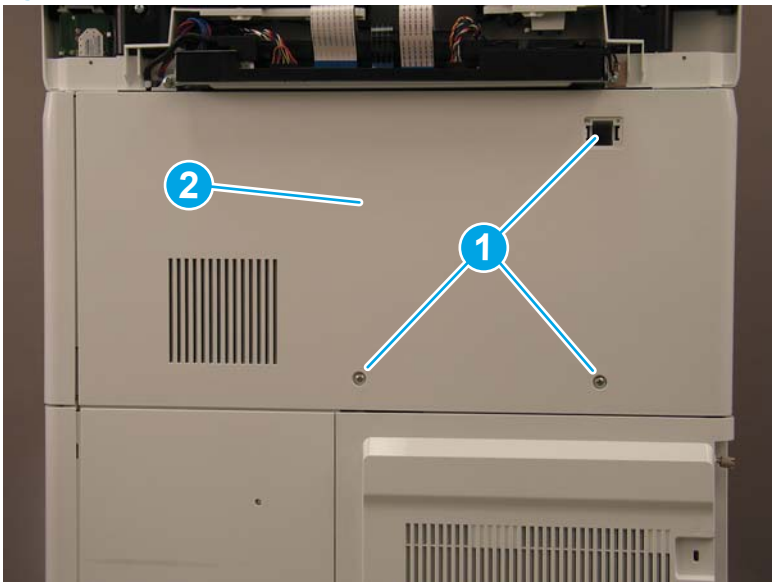
Figure 1-762 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-763 Remove three screws and the rear cover

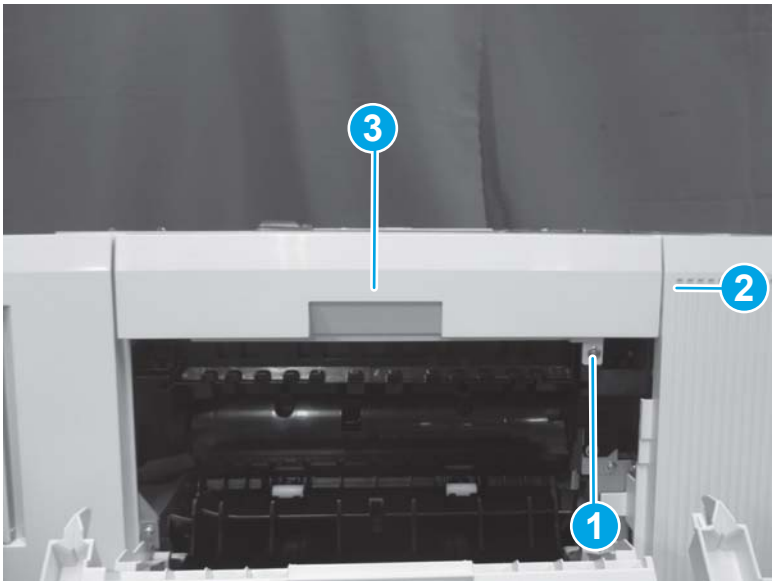


Step 2: Remove the right upper cover (3-bin stapler/stacker)

1. Open the right door.
2. Remove one screw (callout 1), release one tab (callout 2), and then remove the right upper cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-764 Remove the right upper cover

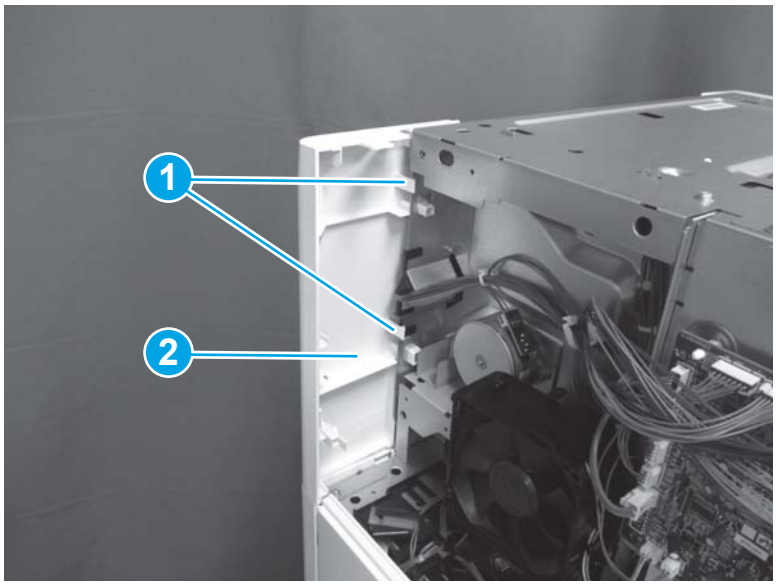


Step 3: Remove the right corner cover (3-bin stapler/stacker)

▲ Release two tabs (callout 1), and then remove the right corner cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-765 Remove the right corner cover



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Jogger cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the stapler cover (3-bin stapler/stacker)
- Step 2: Remove the jogger cover (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the jogger cover on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Jogger cover (3-bin stapler/stacker) part number	
RC4-7411-000CN	Cover, jogger

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the stapler cover (3-bin stapler/stacker)

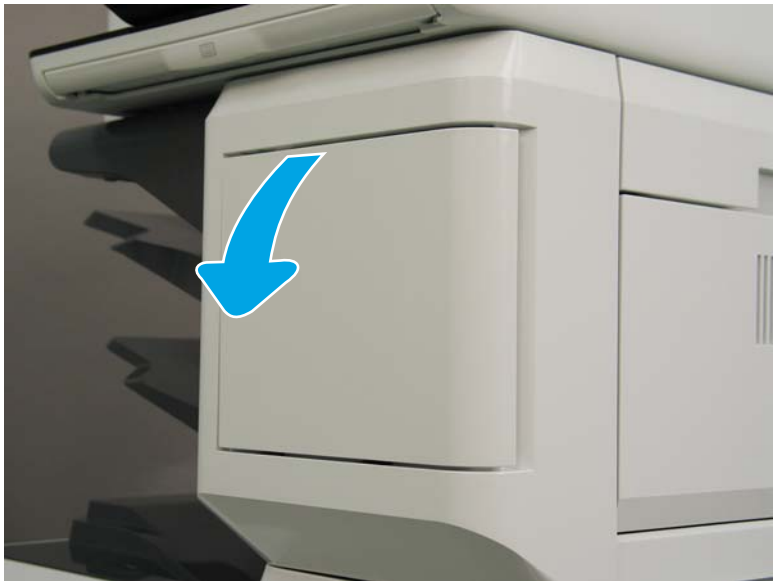
1. Open the front door.

Figure 1-766 Open the front door



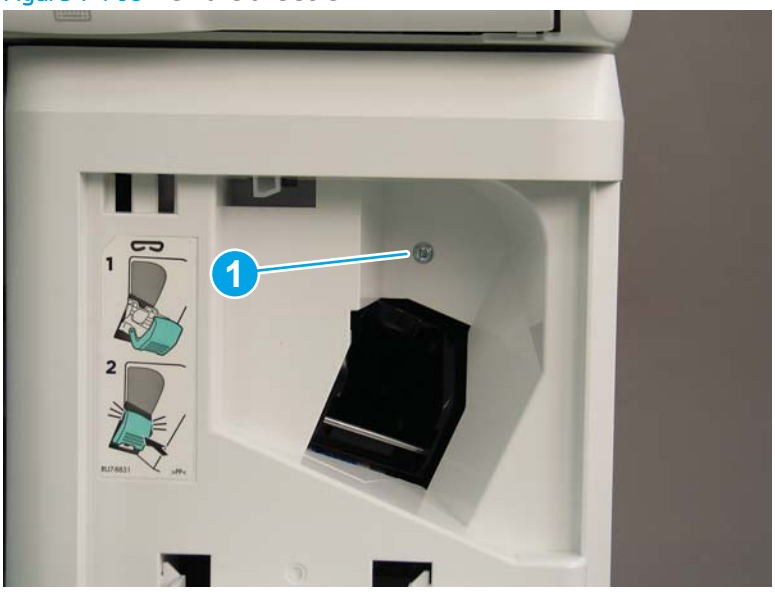
2. Open the stapler door.

Figure 1-767 Open the stapler door



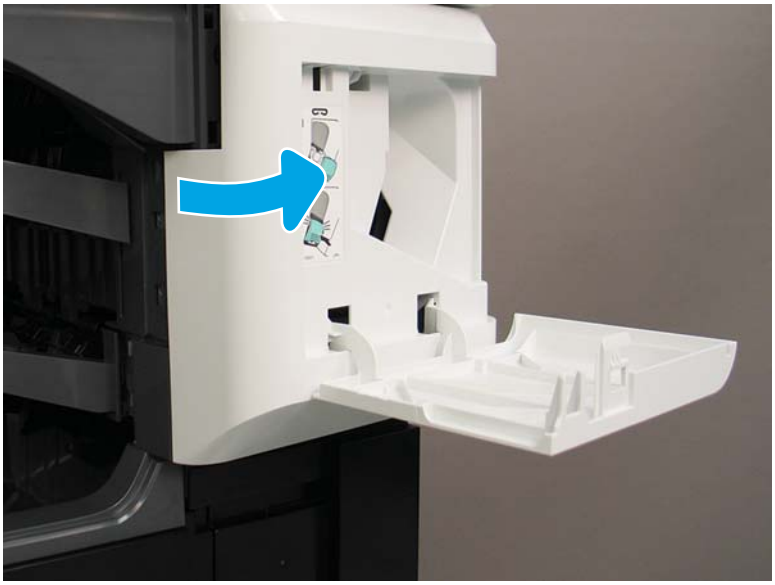
3. Remove one screw (callout 1).

Figure 1-768 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-769 Remove the stapler cover.



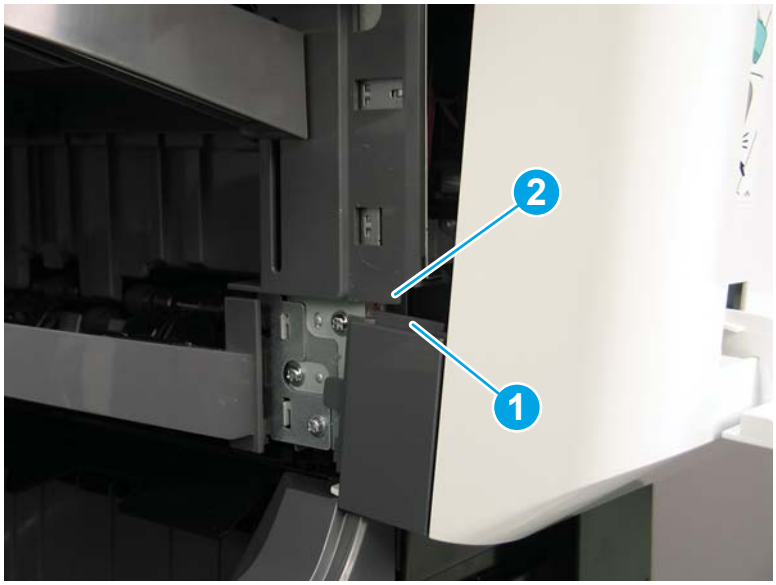
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-770 Position the tab



Step 2: Remove the jogger cover (3-bin stapler/stacker)

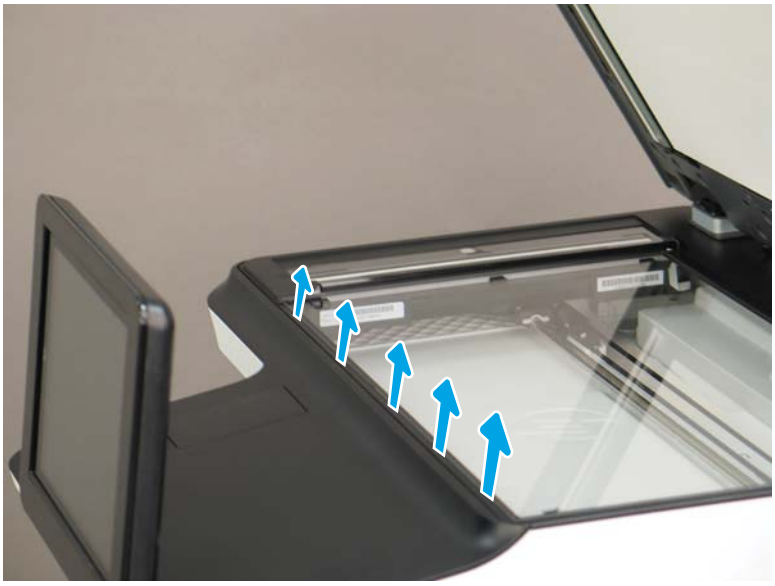
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-771 Tilt the control panel and open the document feeder



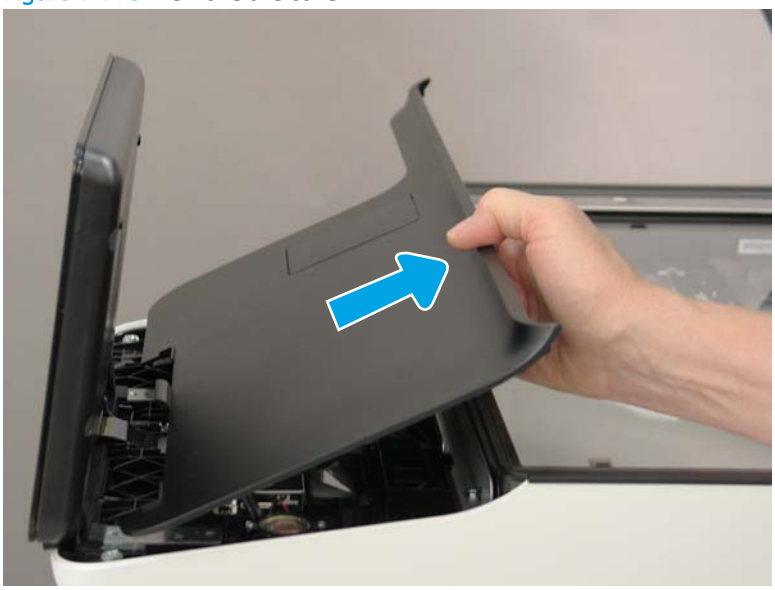
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-772 Release fiv tabs



3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

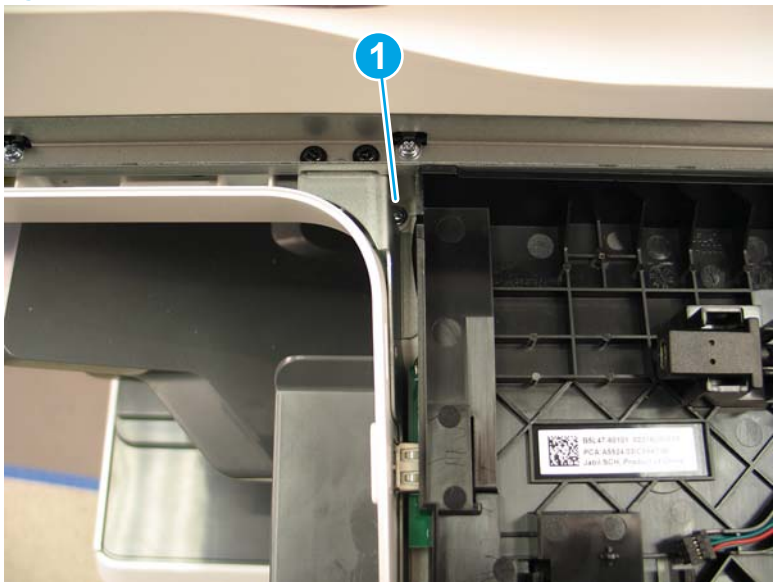
Figure 1-773 Remove the cover



4. Use a thin-shaft, magnetized screwdriver to remove one screw (callout 1).

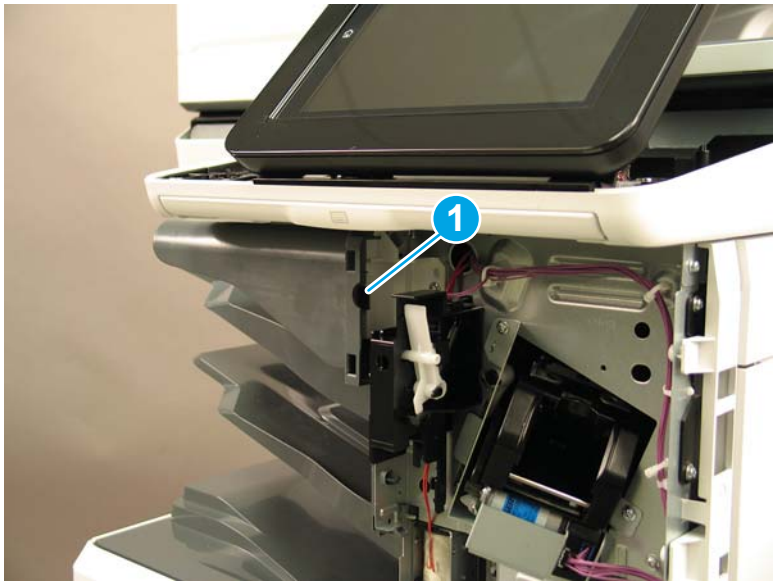
TIP: If necessary, remove the control panel to gain better access to this screw.

Figure 1-774 Remove one screw



5. Release one tab (callout 1).

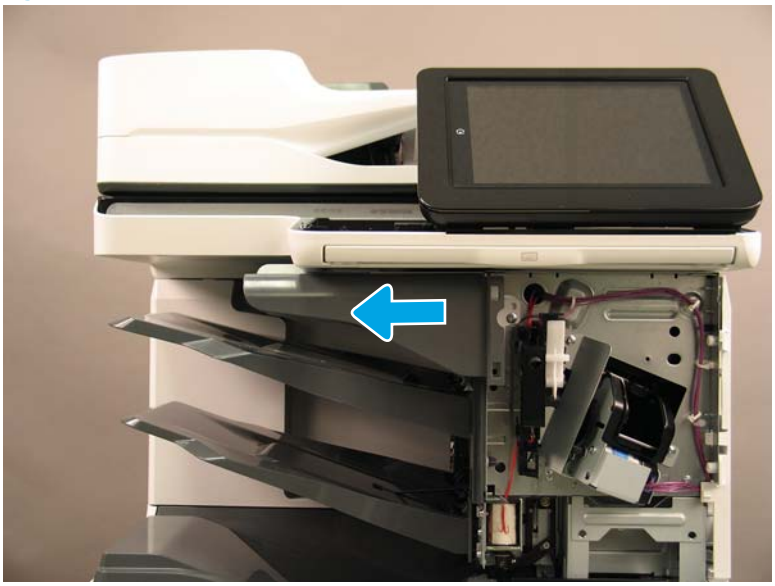
Figure 1-775 Release one tab



6. Slide the jogger cover to the left to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-776 Remove the jogger cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Staple rear cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the staple cover (3-bin stapler/stacker)
- Step 2: Remove the rear cover (3-bin stapler/stacker)
- Step 3: Remove the right upper cover (3-bin stapler/stacker)
- Step 4: Remove the right corner cover (3-bin stapler/stacker)
- Step 5: Remove the staple rear cover (3-bin stapler/stacker)
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the staple rear cover on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Staple rear cover (3-bin stapler/stacker) part number	
RC4-7412-000CN	Cover, staple rear

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the staple cover (3-bin stapler/stacker)

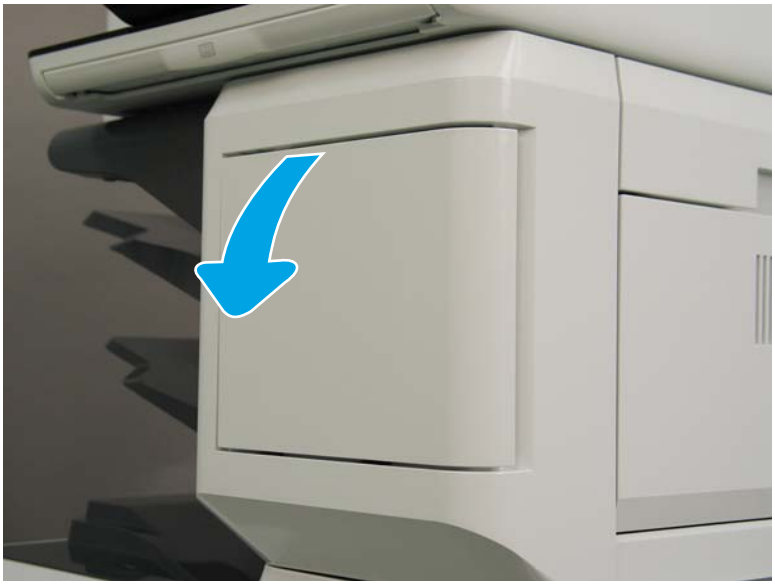
1. Open the front door.

Figure 1-777 Open the front door



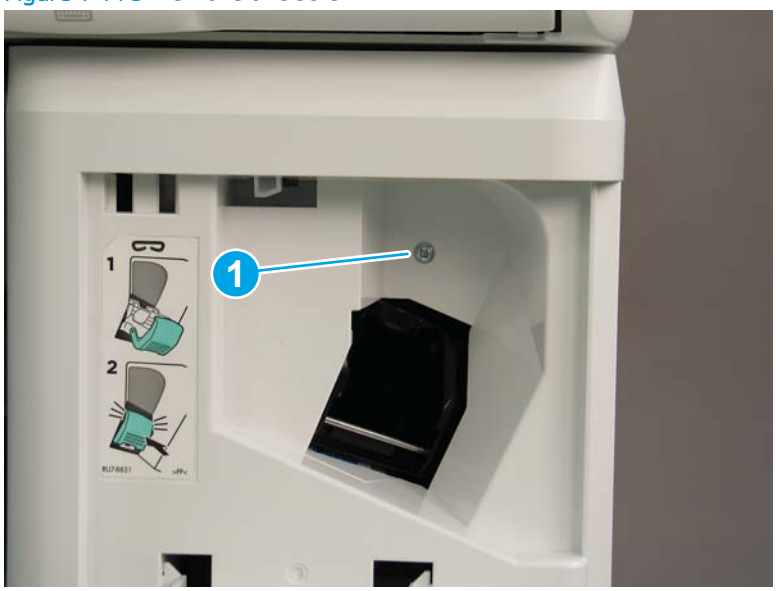
2. Open the stapler door.

Figure 1-778 Open the stapler door



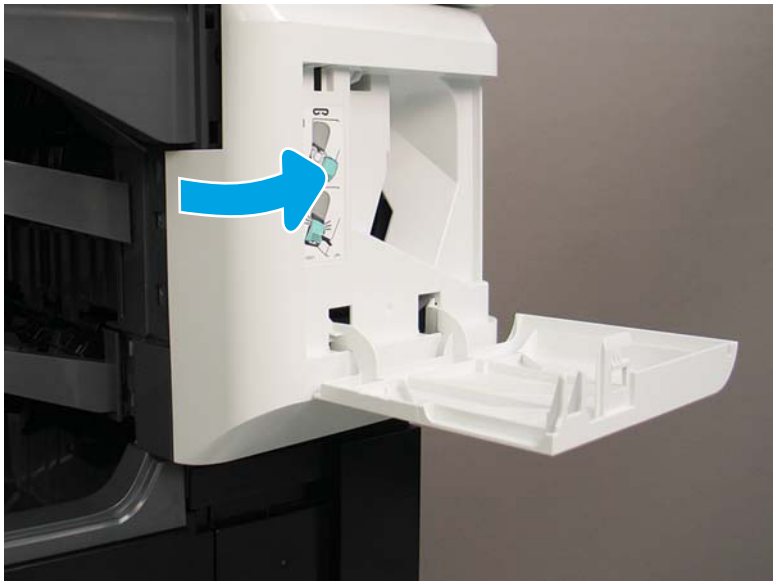
3. Remove one screw (callout 1).

Figure 1-779 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-780 Remove the stapler cover.



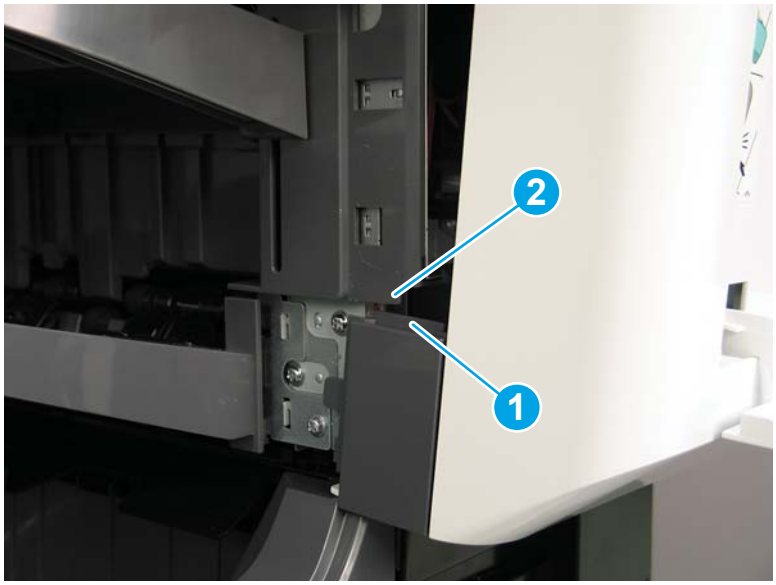
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

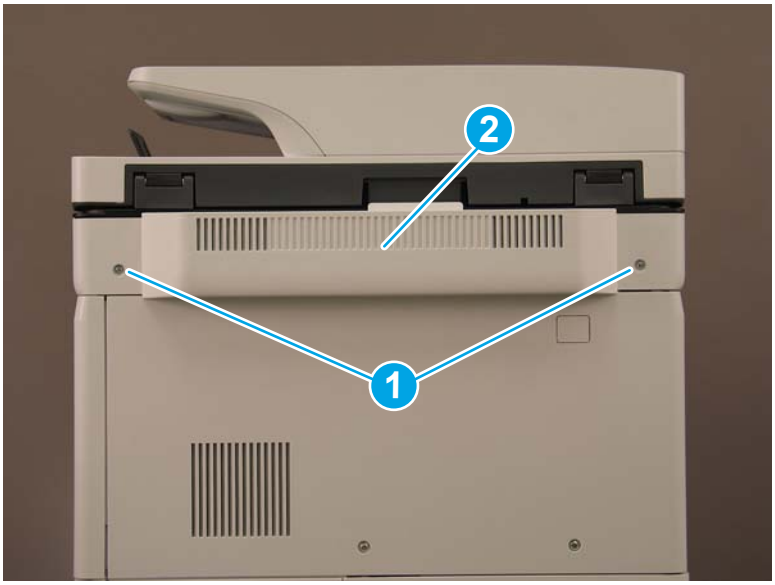
Figure 1-781 Position the tab



Step 2: Remove the rear cover (3-bin stapler/stacker)

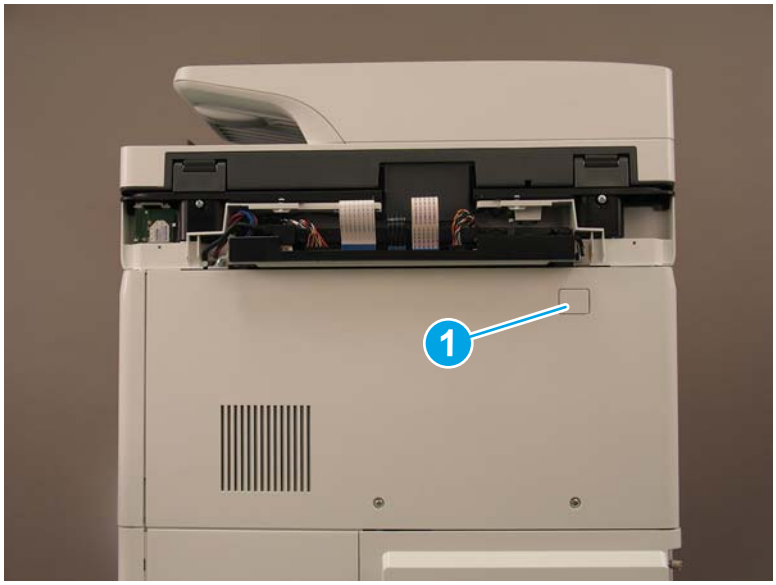
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-782 Remove two screws



2. Remove one screw cover (callout 1).

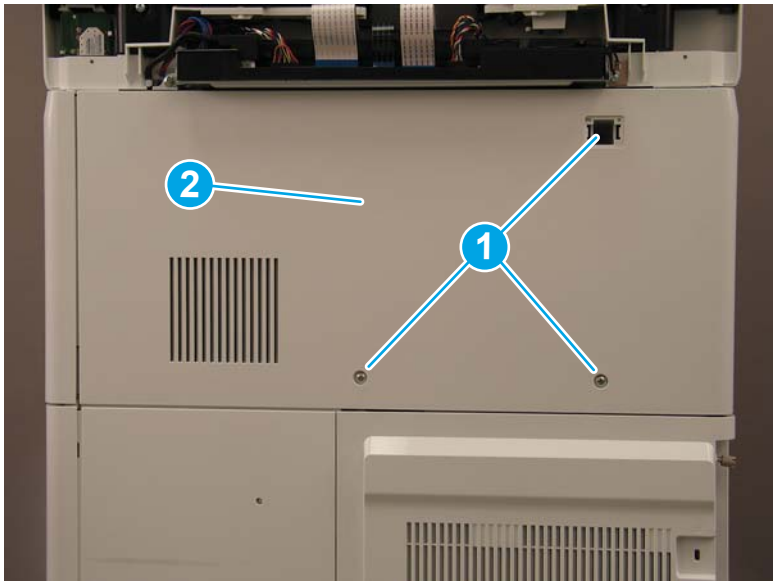
Figure 1-783 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-784 Remove three screws and the rear cover



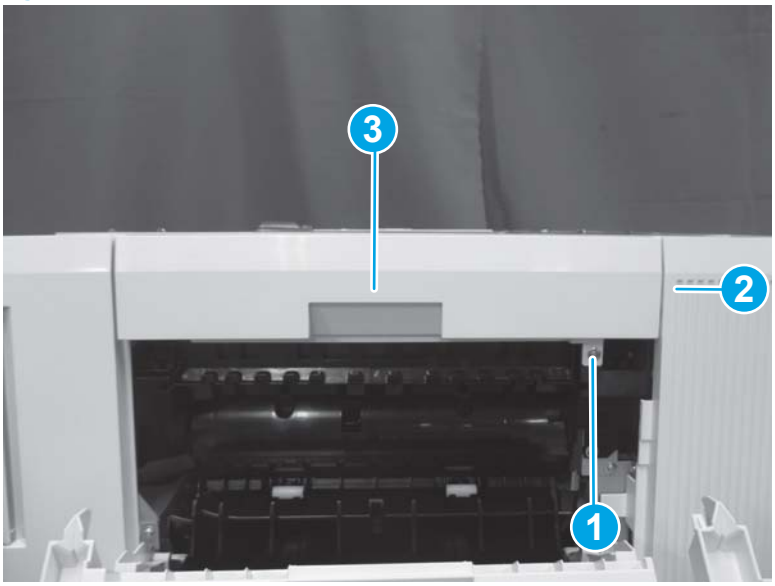
Step 3: Remove the right upper cover (3-bin stapler/stacker)

1. Open the right door.

2. Remove one screw (callout 1), release one tab (callout 2), and then remove the right upper cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-785 Remove the right upper cover

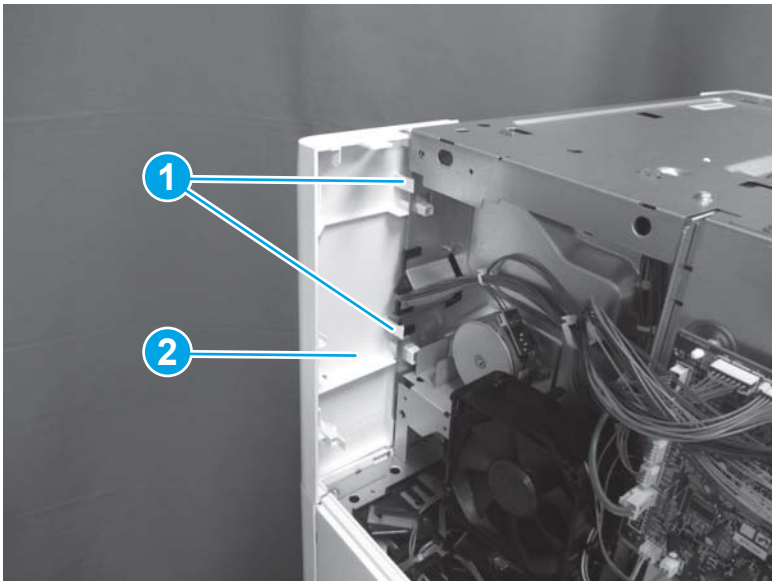


Step 4: Remove the right corner cover (3-bin stapler/stacker)

▲ Release two tabs (callout 1), and then remove the right corner cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-786 Remove the right corner cover

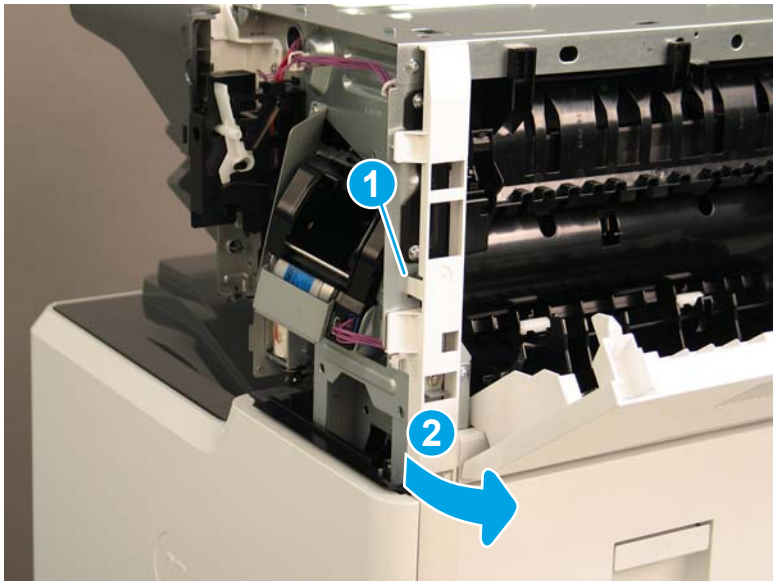


Step 5: Remove the staple rear cover (3-bin stapler/stacker)

▲ Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-787 Remove the staple rear cover



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right lower cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the staple cover (3-bin stapler/stacker)
- Step 2: Remove the rear cover (3-bin stapler/stacker)
- Step 3: Remove the right upper cover (3-bin stapler/stacker)
- Step 4: Remove the right corner cover (3-bin stapler/stacker)
- Step 5: Remove the staple rear cover (3-bin stapler/stacker)
- Step 6: Remove the right lower cover (3-bin stapler/stacker)
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right lower cover on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right lower cover (3-bin stapler/stacker) part number	
RC4-9439-000CN	Cover, right lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the staple cover (3-bin stapler/stacker)

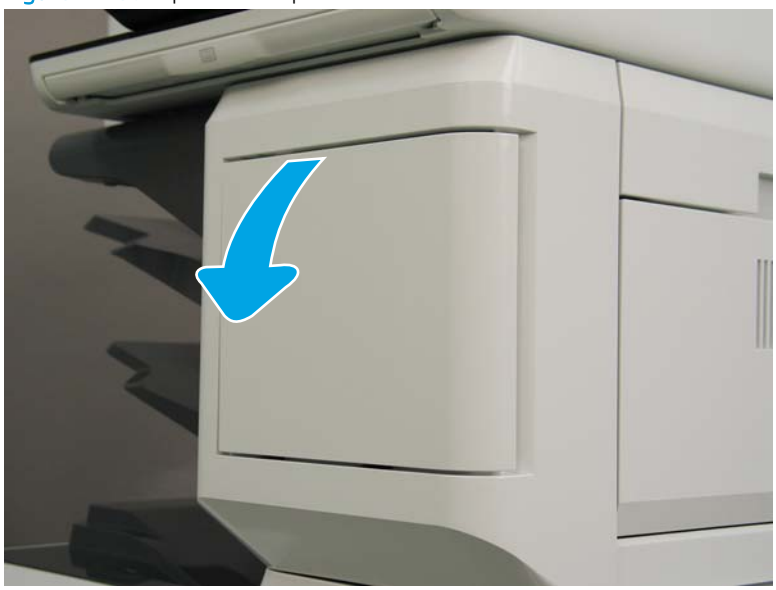
1. Open the front door.

Figure 1-788 Open the front door



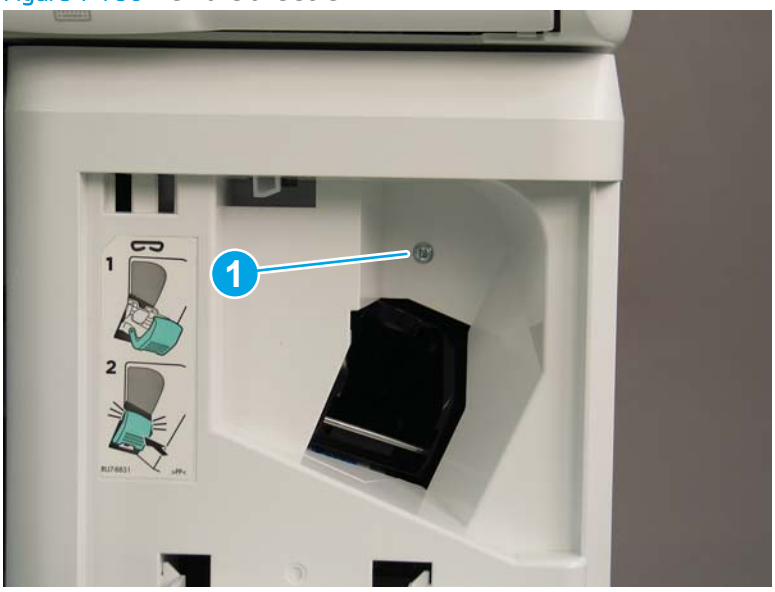
2. Open the stapler door.

Figure 1-789 Open the stapler door



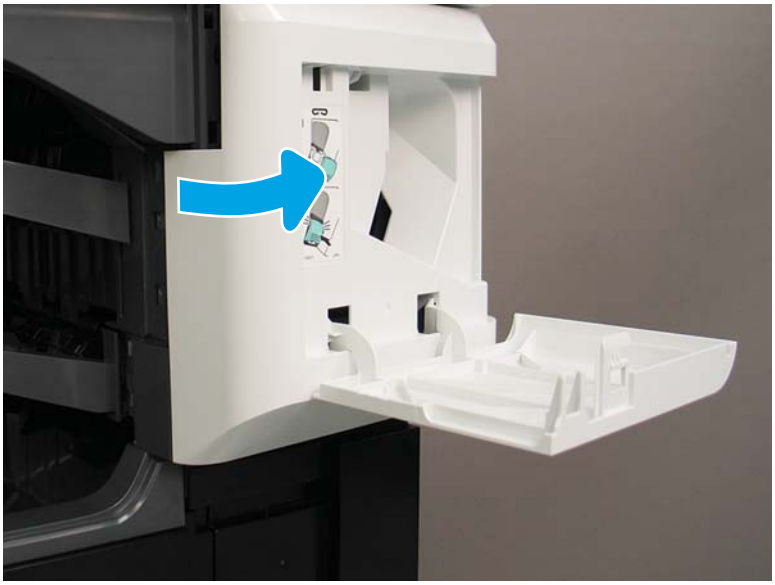
3. Remove one screw (callout 1).

Figure 1-790 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-791 Remove the stapler cover.



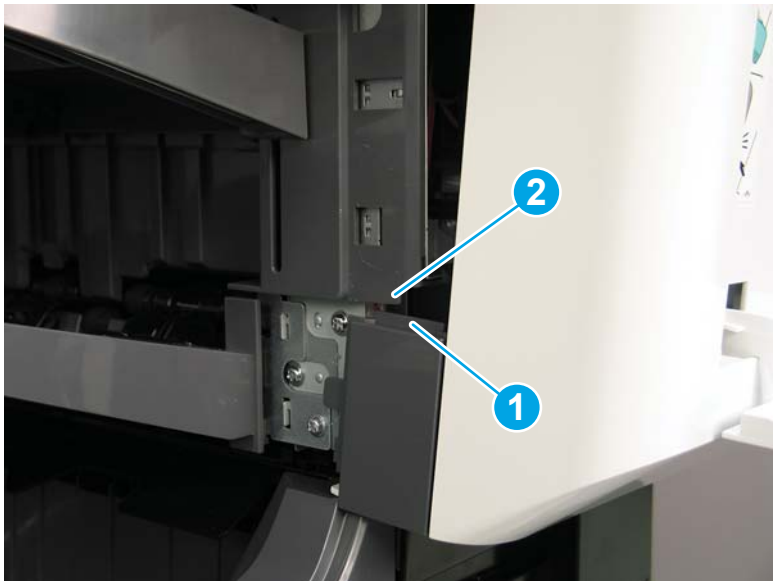
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

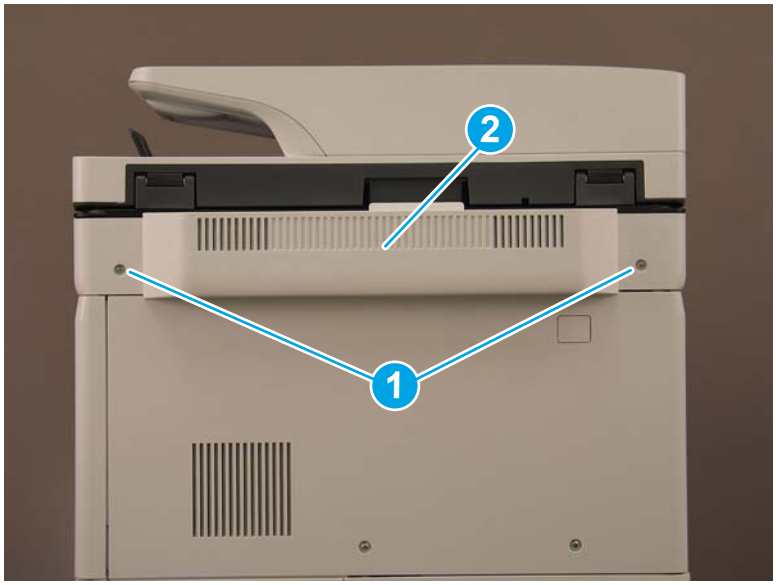
Figure 1-792 Position the tab



Step 2: Remove the rear cover (3-bin stapler/stacker)

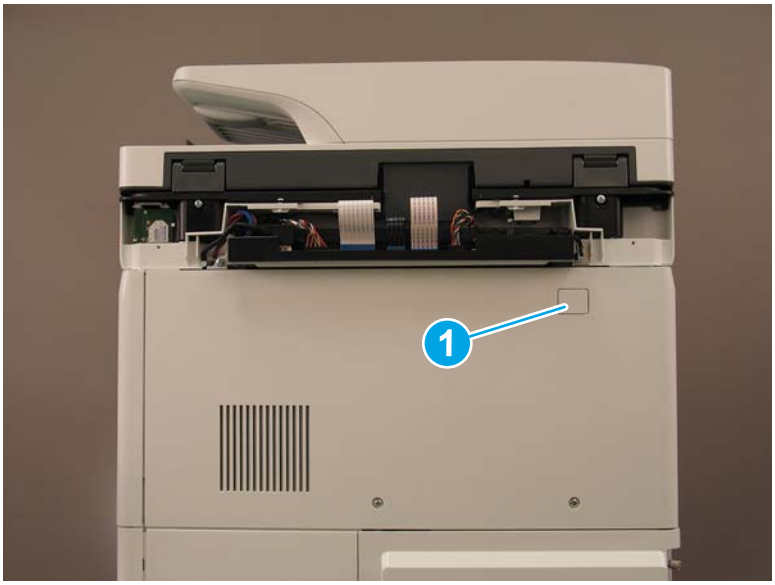
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-793 Remove two screws



2. Remove one screw cover (callout 1).

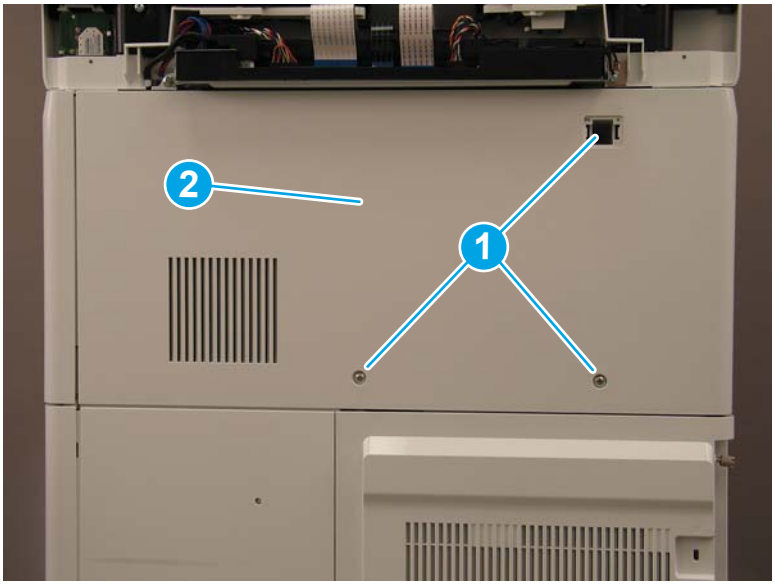
Figure 1-794 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-795 Remove three screws and the rear cover



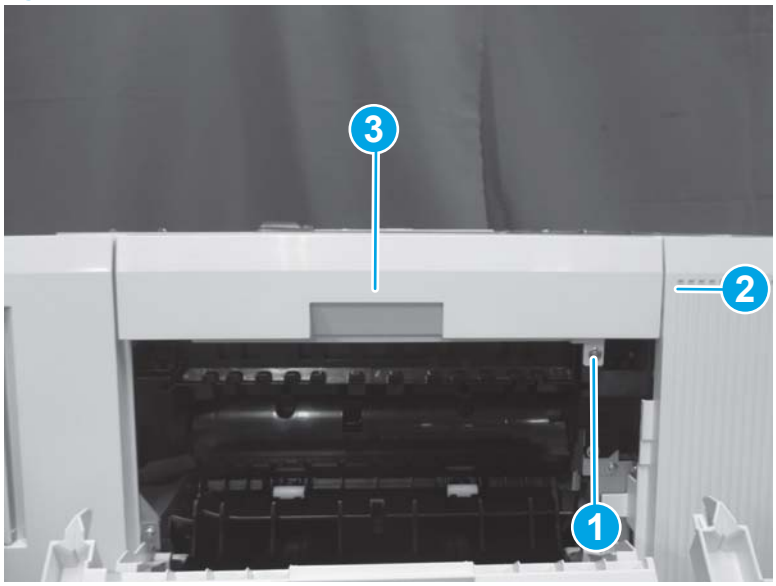
Step 3: Remove the right upper cover (3-bin stapler/stacker)

1. Open the right door.

2. Remove one screw (callout 1), release one tab (callout 2), and then remove the right upper cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-796 Remove the right upper cover

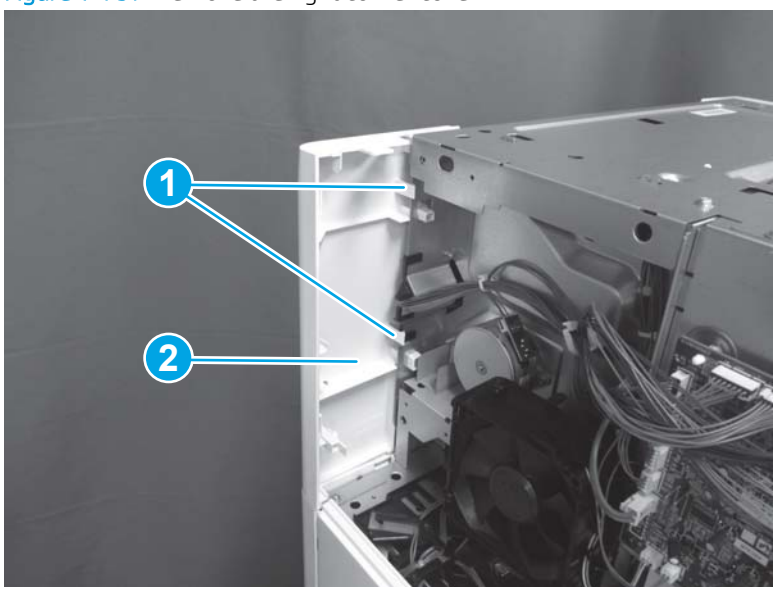


Step 4: Remove the right corner cover (3-bin stapler/stacker)

- Release two tabs (callout 1), and then remove the right corner cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-797 Remove the right corner cover

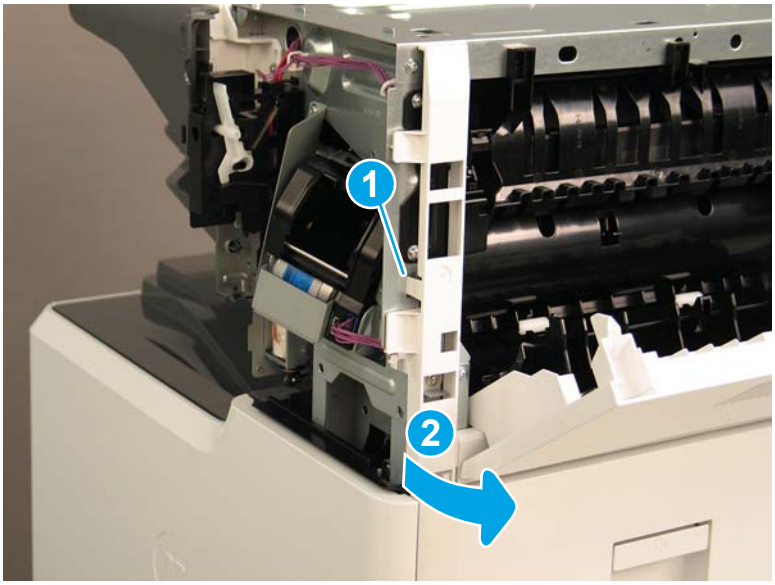


Step 5: Remove the staple rear cover (3-bin stapler/stacker)

- Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-798 Remove the staple rear cover

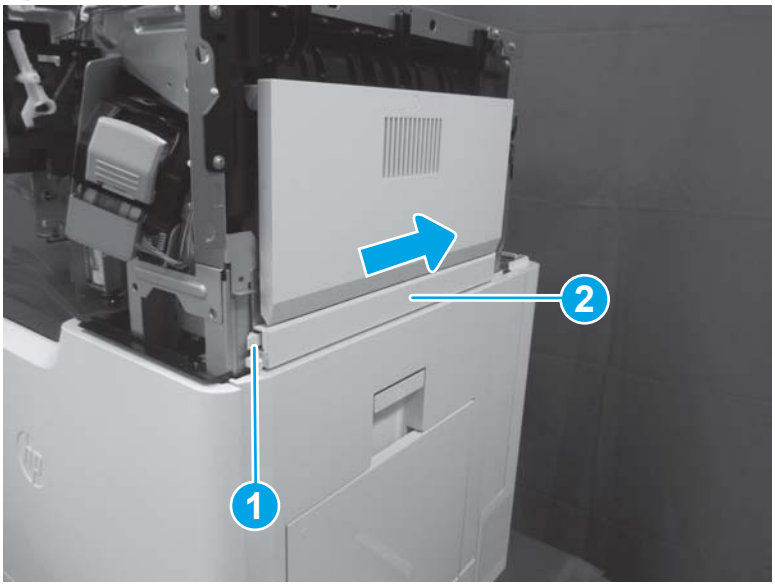


Step 6: Remove the right lower cover (3-bin stapler/stacker)

▲ Release one tab (callout 1), and then slide the right lower cover (callout 2) toward the back of the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-799 Remove the right lower cover



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Staple door lock arm (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the staple cover (3-bin stapler/stacker)
- Step 2: Remove the staple door lock arm (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the staple door lock arm on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Staple door lock arm (3-bin stapler/stacker) part number	
RC4-9576-000CN	Arm, staple door lock

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the staple cover (3-bin stapler/stacker)

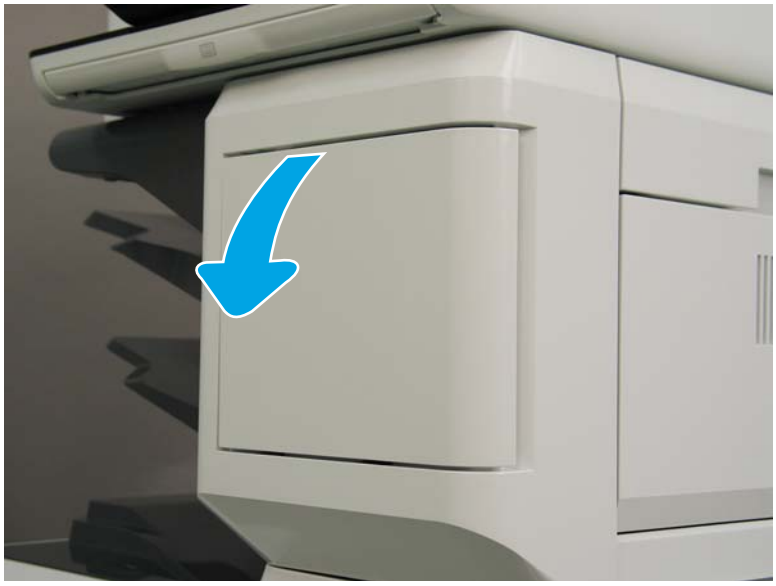
1. Open the front door.

Figure 1-800 Open the front door



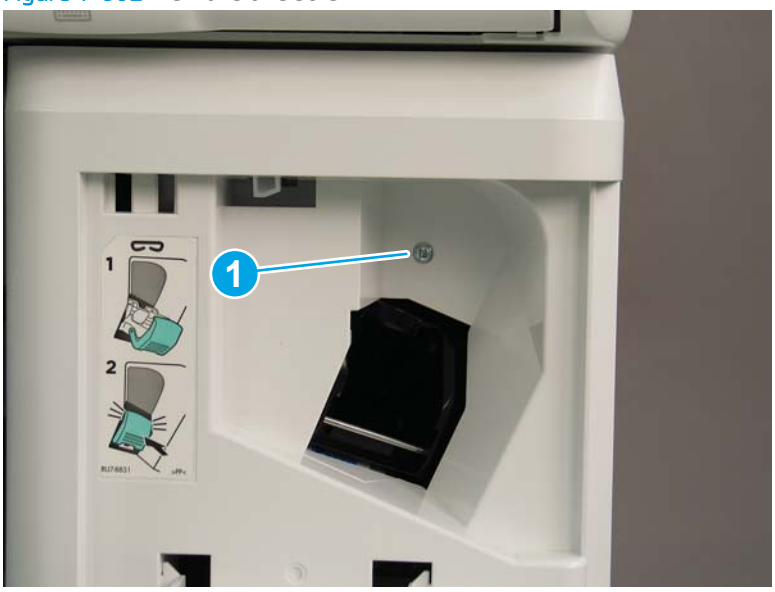
2. Open the stapler door.

Figure 1-801 Open the stapler door



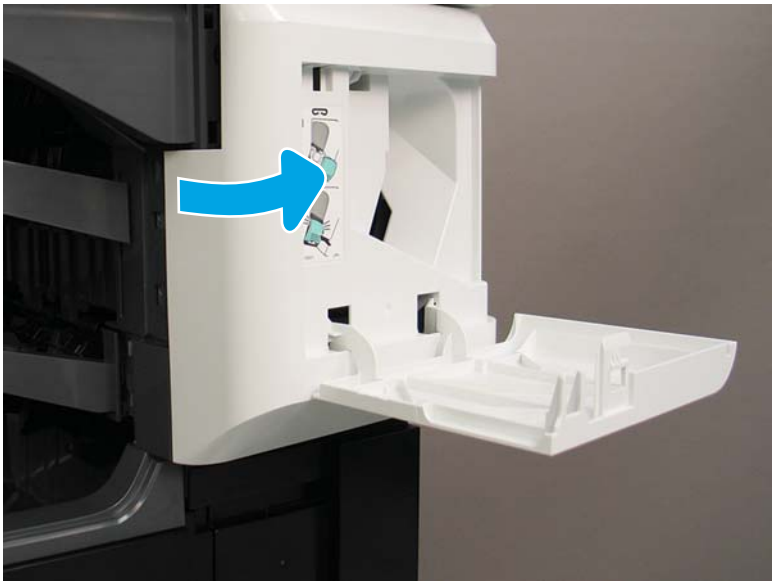
3. Remove one screw (callout 1).

Figure 1-802 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-803 Remove the stapler cover.



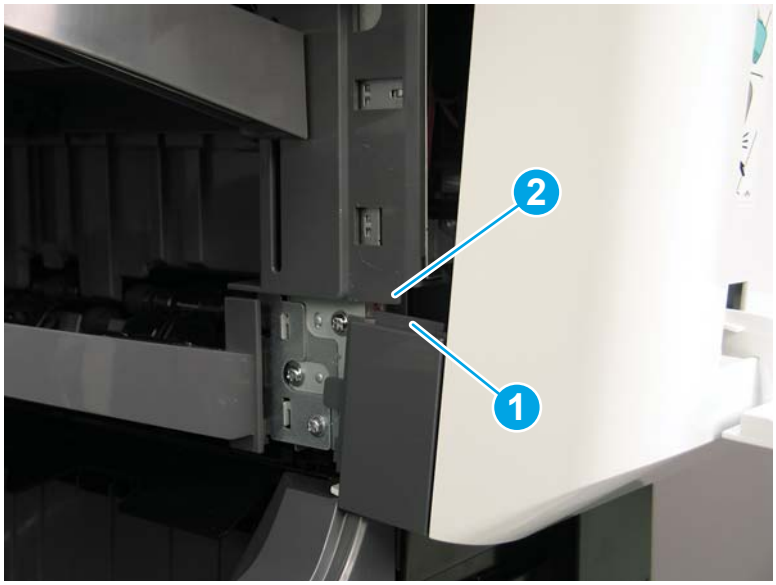
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

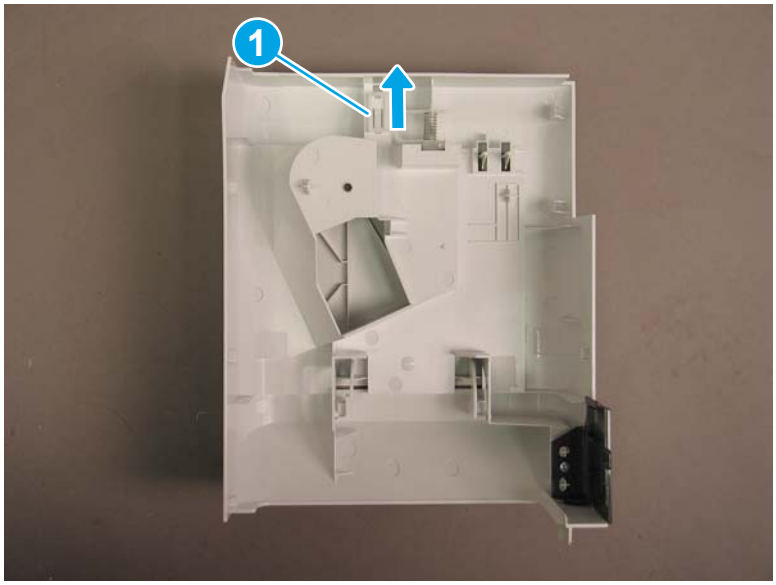
Figure 1-804 Position the tab



Step 2: Remove the staple door lock arm (3-bin stapler/stacker)

1. On the back of the staple cover, release one tab (callout 1), and then slide the lock arm up to release it.

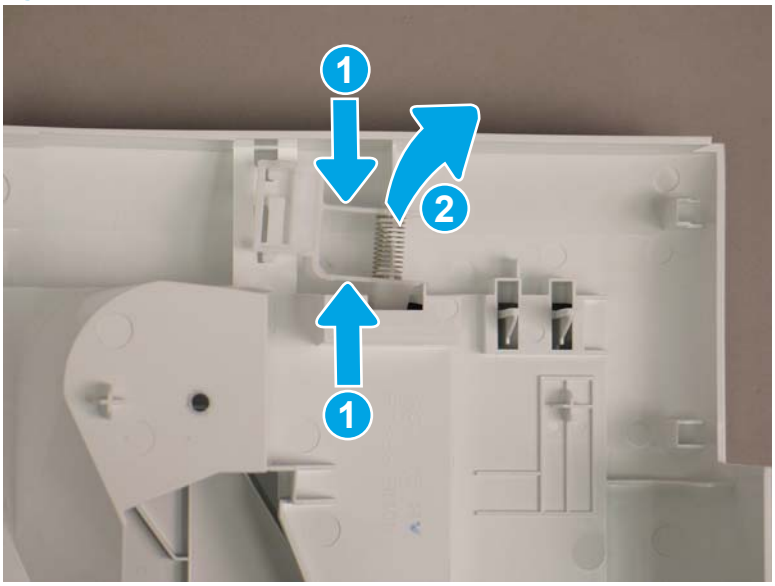
Figure 1-805 Release one tab and slide the lock arm



2. Squeeze the edges of the lock arm (callout 1) to compress the spring and release the tab, and then rotate the lock arm away from the staple cover to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-806 Remove the staple door lock arm



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Tray assembly (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the tray assembly (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the tray assembly on the 3-bin stapler/stacker.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Tray assembly (3-bin stapler/stacker) part number	
RM2-1196-000CN	Tray assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

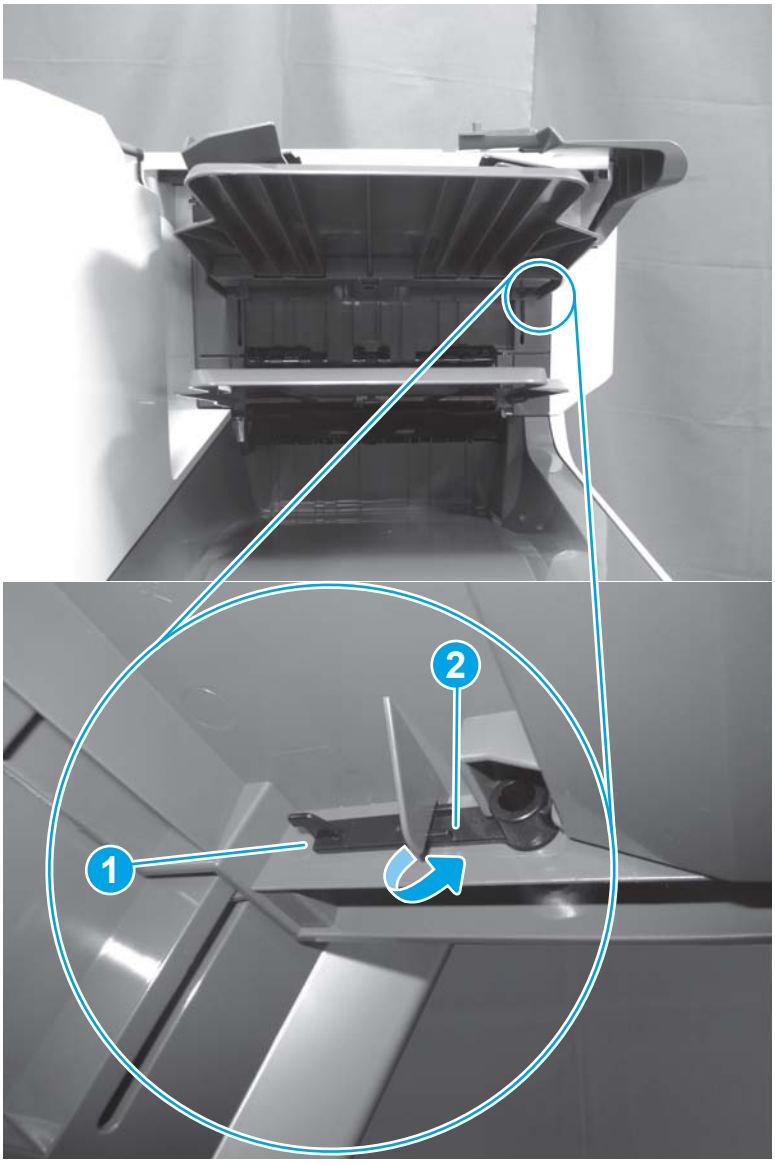
Post service test

No post service test is available for this assembly.

Step 1: Remove the tray assembly (3-bin stapler/stacker)

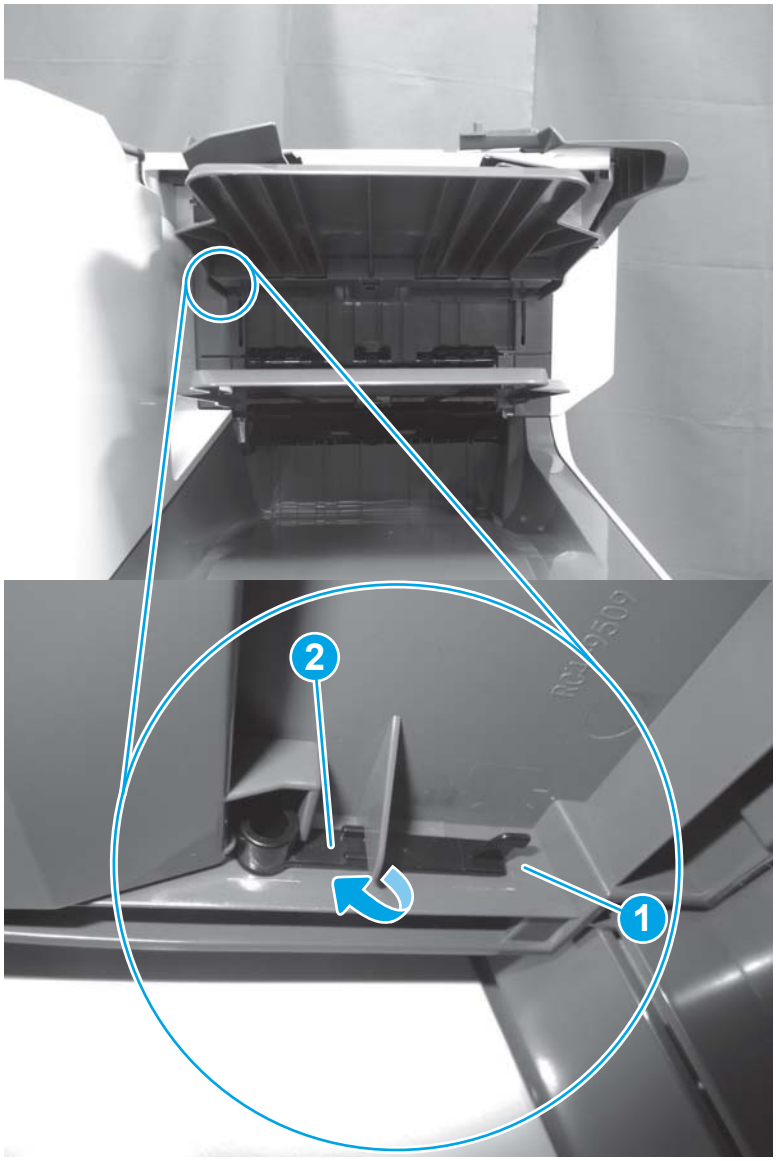
1. Release one boss (callout 1), rotate the front locking pin (callout 2) down to release it, and then remove the locking pin.

Figure 1-807 Remove the front locking pin



2. Release one boss (callout 1), rotate the rear locking pin (callout 2) down to release it, and then remove the locking pin.

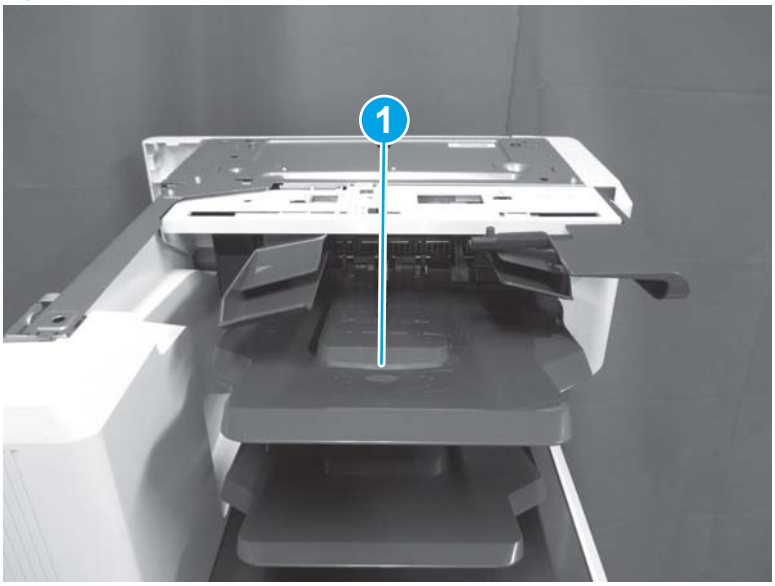
Figure 1-808 Remove the rear locking pin



3. Lift the tray assembly (callout 1) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-809 Remove the tray assembly



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Tray pin (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the tray pin (3-bin stapler/stacker)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the tray pin on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Tray pin (3-bin stapler/stacker) part number	
RC5-0353-000CN	Pin, tray fixe

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

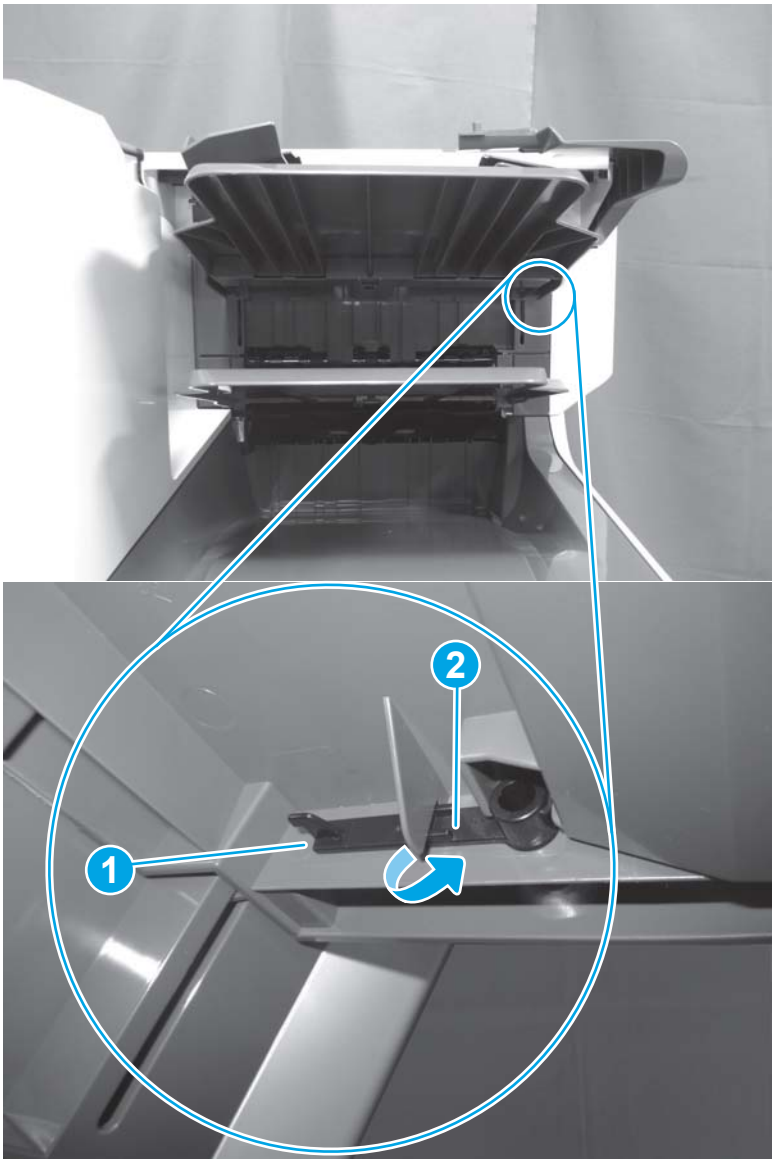
No post service test is available for this assembly.

Step 1: Remove the tray pin (3-bin stapler/stacker)

1. To remove the front locking pin, release one boss (callout 1), rotate the locking pin (callout 2) down to release it, and then remove the locking pin.

   Reinstallation tip: Reverse the removal steps to install the assembly.

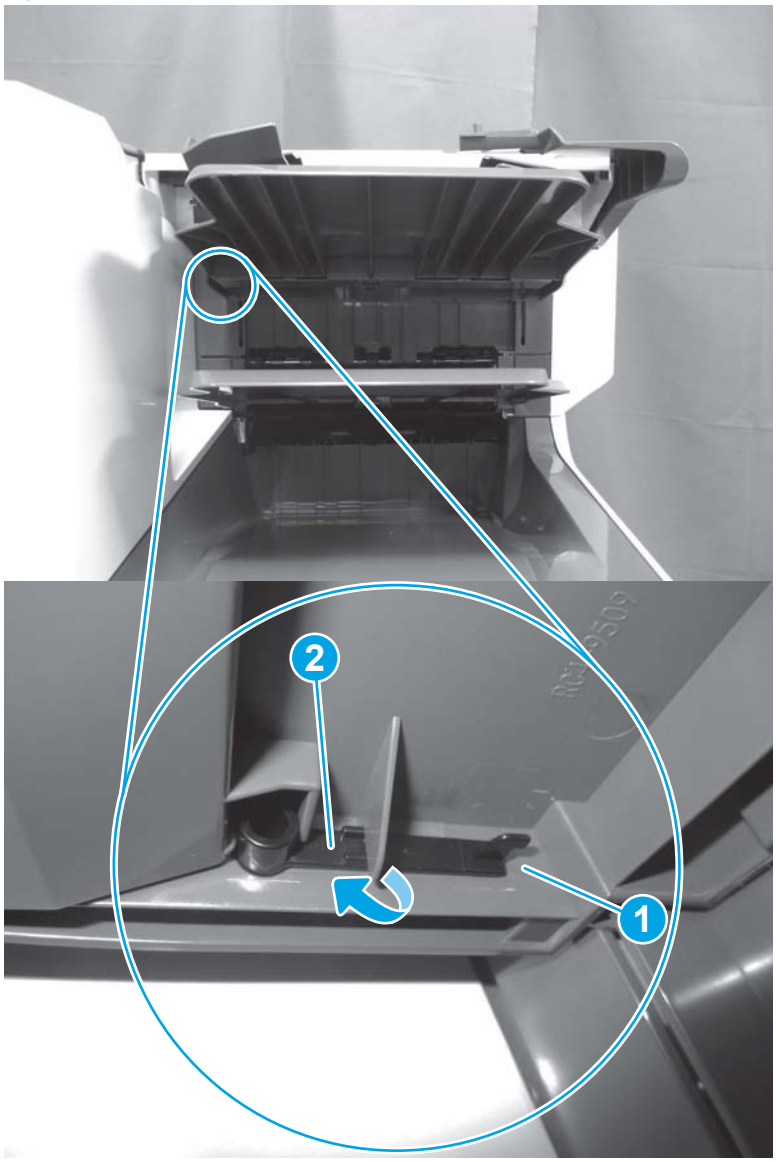
Figure 1-810 Remove the front locking pin



2. To remove the rear locking pin, release one boss (callout 1), rotate the locking pin (callout 2) down to release it, and then remove the locking pin.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-811 Remove the rear locking pin



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Jogger (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the staple cover (3-bin stapler/stacker)
- Step 2: Remove the jogger cover (3-bin stapler/stacker)
- Step 3: Remove the rear cover (3-bin stapler/stacker)
- Step 4: Remove the jogger (3-bin stapler/stacker)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the jogger on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Jogger (3-bin stapler/stacker) part number	
RM2-1066-000CN	Jog assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the staple cover (3-bin stapler/stacker)

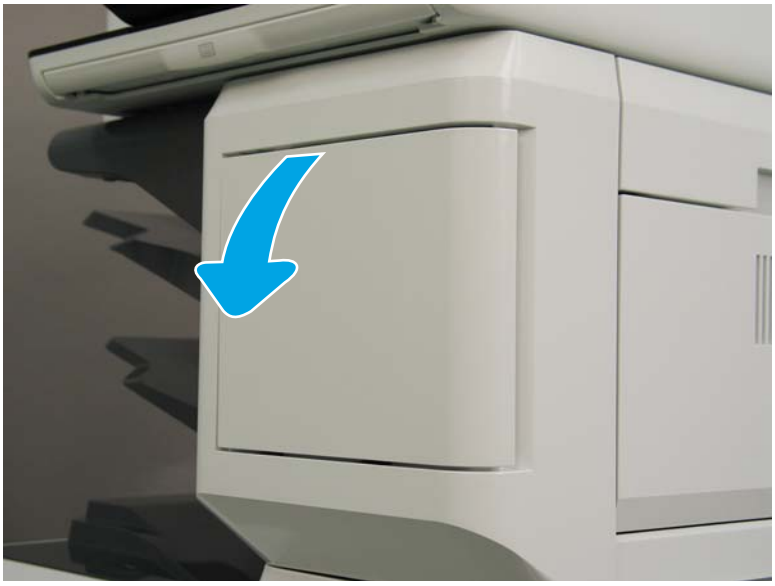
1. Open the front door.

Figure 1-812 Open the front door



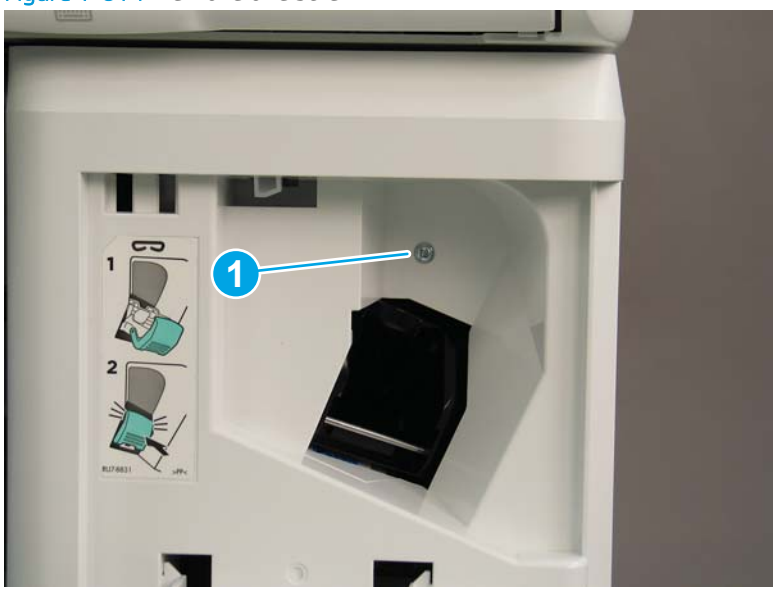
2. Open the stapler door.

Figure 1-813 Open the stapler door



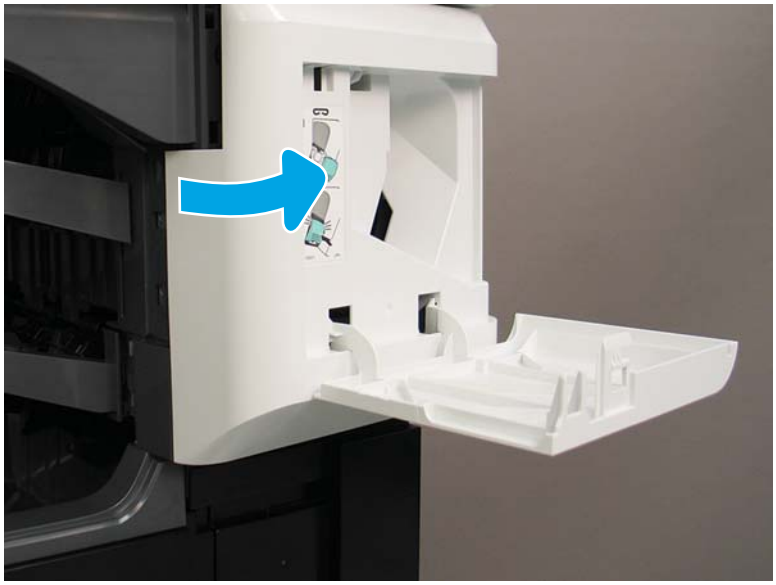
3. Remove one screw (callout 1).

Figure 1-814 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-815 Remove the stapler cover.



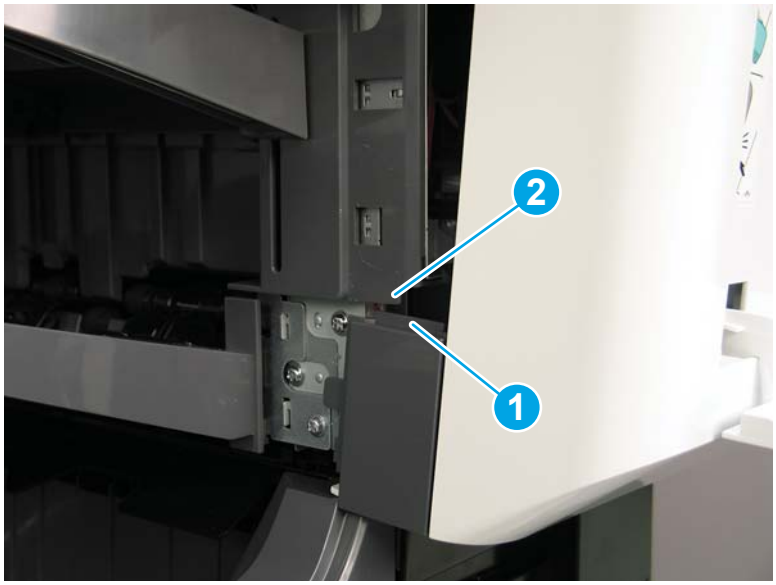
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-816 Position the tab



Step 2: Remove the jogger cover (3-bin stapler/stacker)

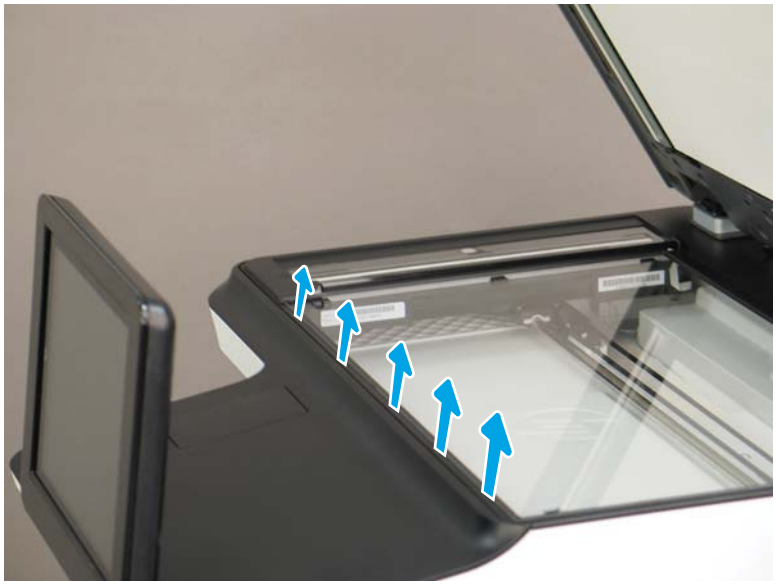
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-817 Tilt the control panel and open the document feeder



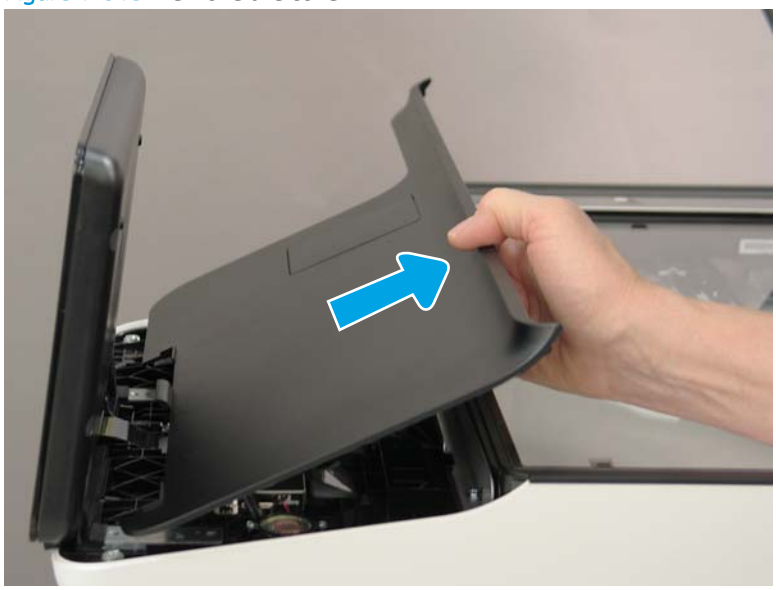
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-818 Release fiv tabs



3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

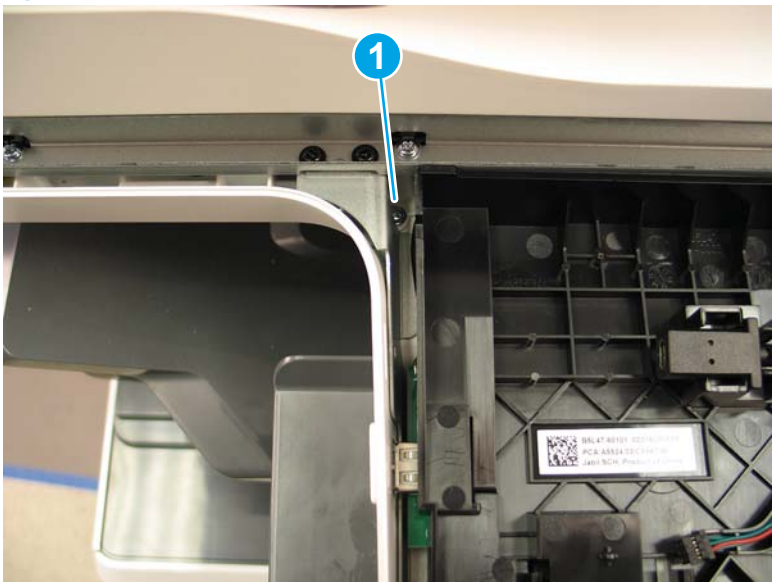
Figure 1-819 Remove the cover



4. Use a thin-shaft, magnetized screwdriver to remove one screw (callout 1).

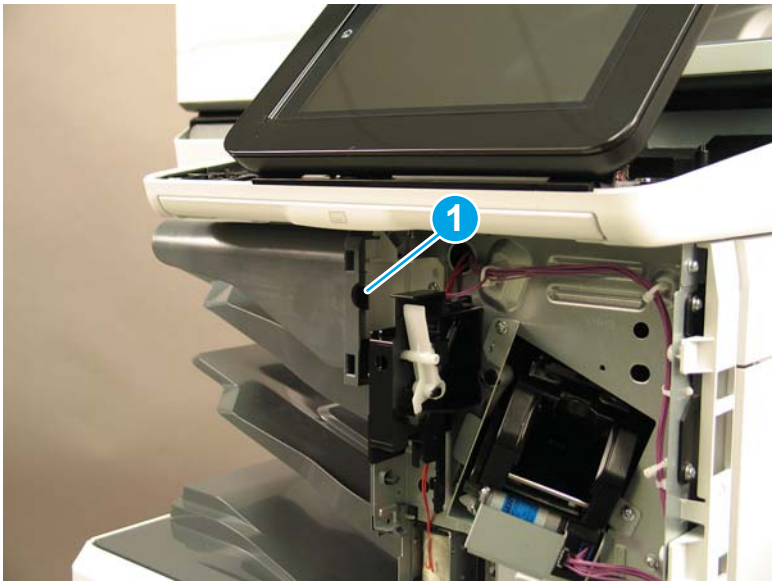
TIP: If necessary, remove the control panel to gain better access to this screw.

Figure 1-820 Remove one screw



5. Release one tab (callout 1).

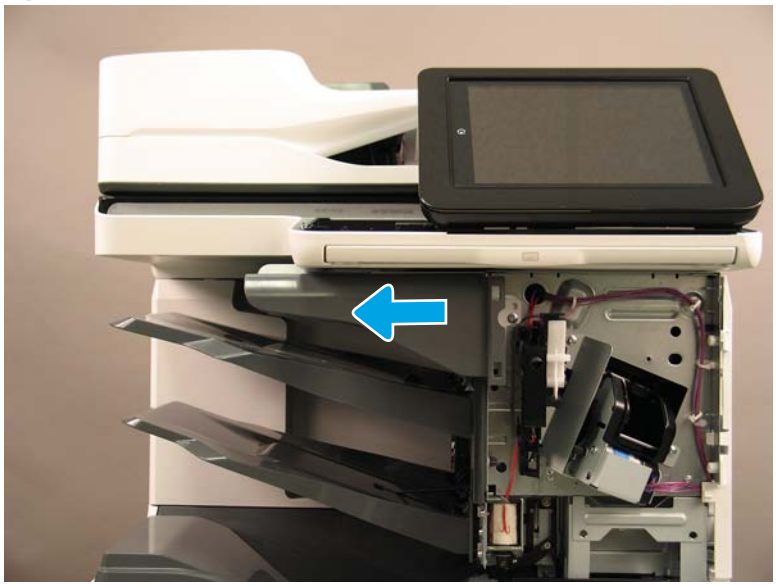
Figure 1-821 Release one tab



6. Slide the jogger cover to the left to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

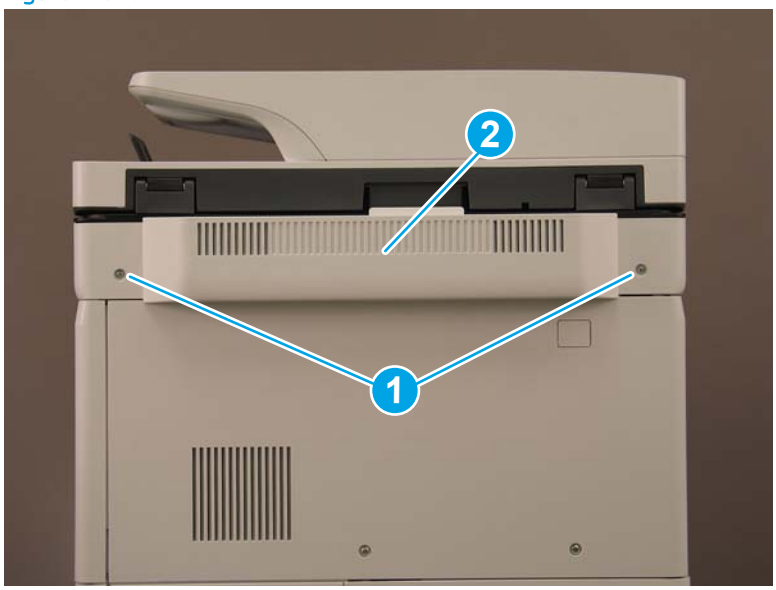
Figure 1-822 Remove the jogger cover



Step 3: Remove the rear cover (3-bin stapler/stacker)

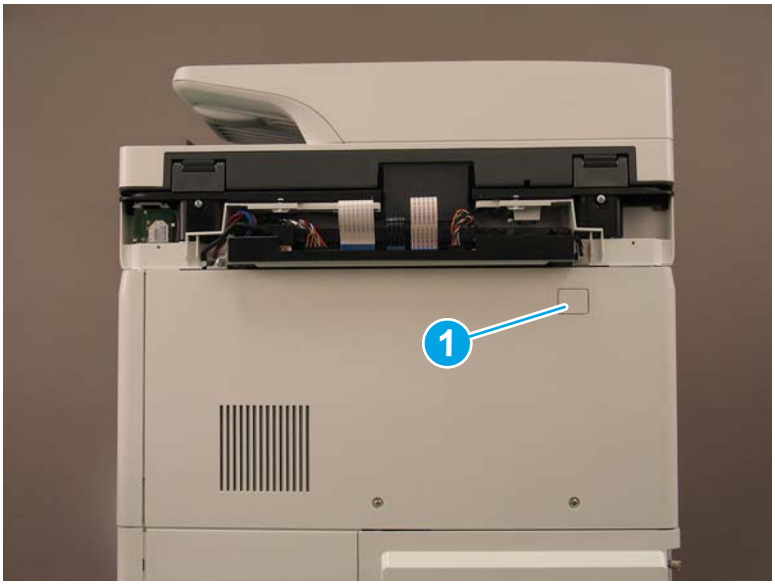
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-823 Remove two screws



2. Remove one screw cover (callout 1).

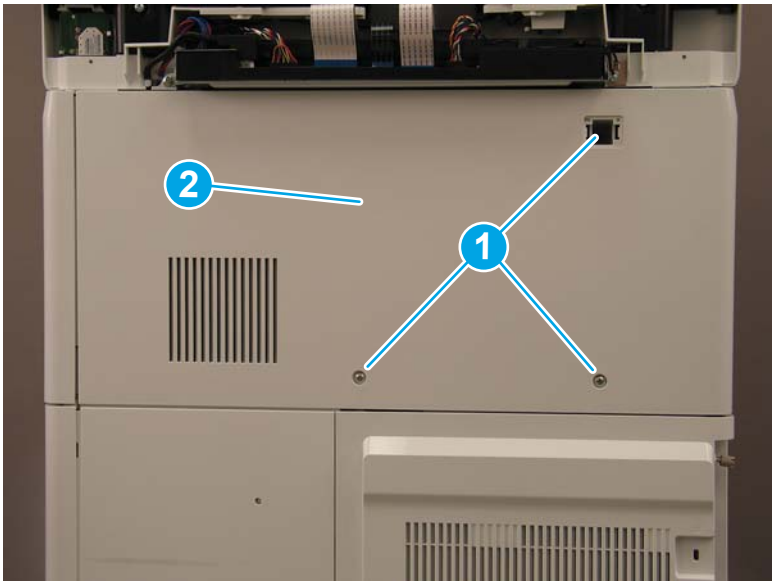
Figure 1-824 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

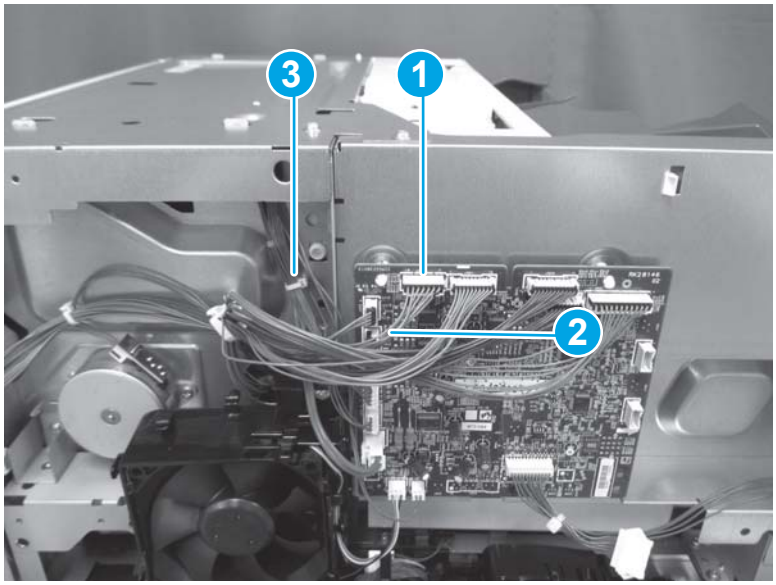
Figure 1-825 Remove three screws and the rear cover



Step 4: Remove the jogger (3-bin stapler/stacker)

1. At the rear of the 3-bin stapler/stacker, disconnect one connector (callout 1), and then release the cable (callout 2) from the retainer (callout 3).

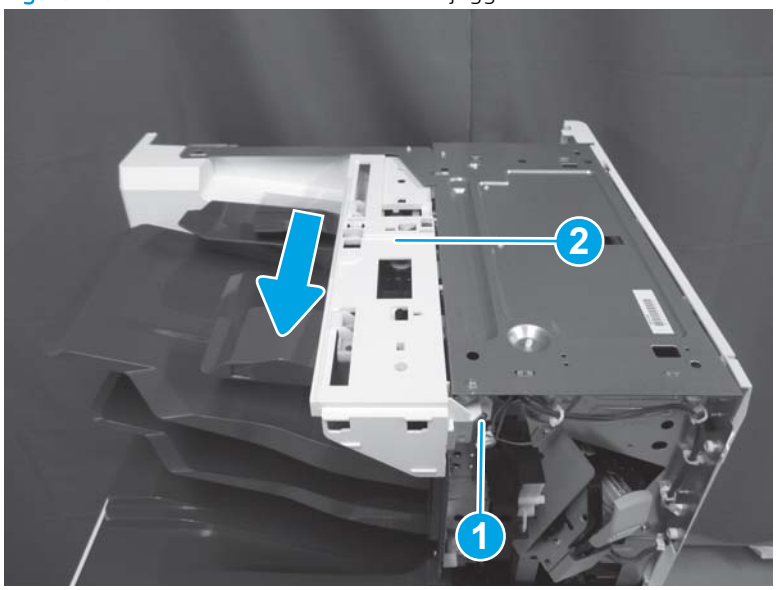
Figure 1-826 Disconnect one connector



2. At the front of the 3-bin stapler/stacker, remove one screw (callout 1), and then slide the jogger (callout 2) away from the stapler/stacker to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-827 Remove one screw and the jogger



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Stacking wall cover (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the tray assembly (3-bin stapler/stacker)
- Step 2: Remove the staple cover (3-bin stapler/stacker)
- Step 3: Remove the jogger cover (3-bin stapler/stacker)
- Step 4: Remove the rear cover (3-bin stapler/stacker)
- Step 5: Remove the rear inner cover (3-bin stapler/stacker)
- Step 6: Remove the stacking wall cover (3-bin stapler/stacker)
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the stacking wall cover on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Stacking wall cover (3-bin stapler/stacker) part number	
RM2-1057-000CN	Stacking wall assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

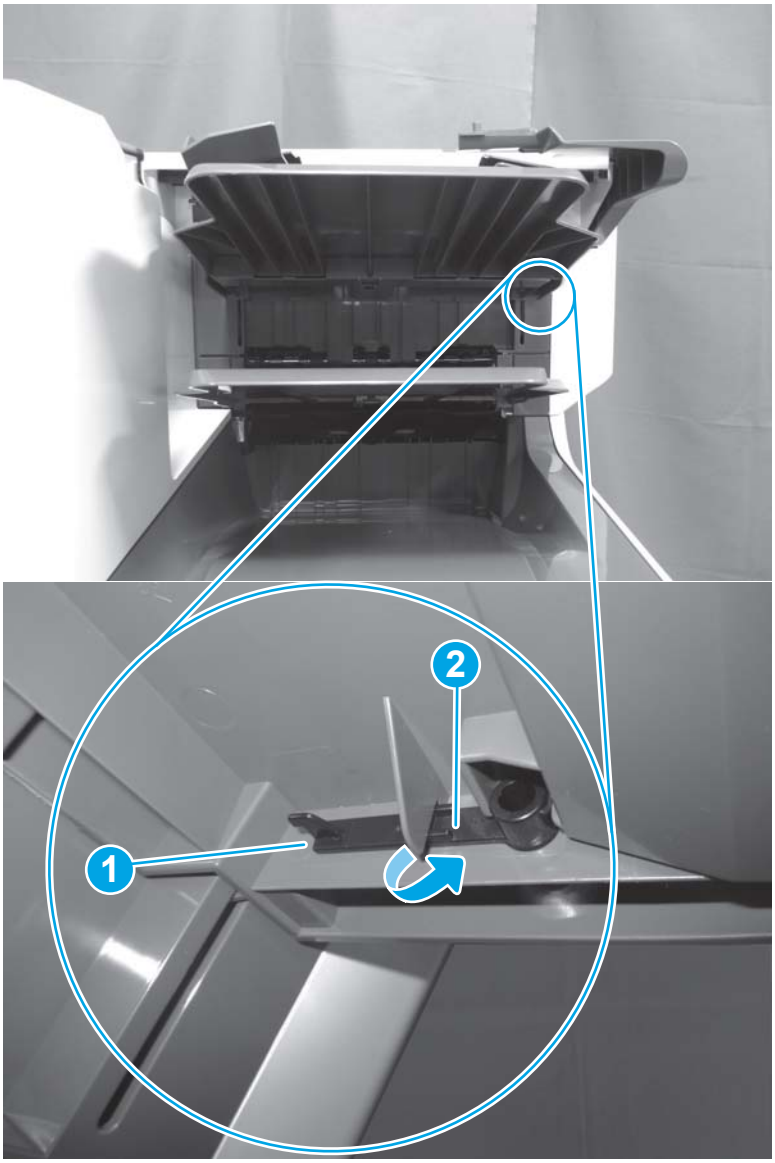
Post service test

No post service test is available for this assembly.

Step 1: Remove the tray assembly (3-bin stapler/stacker)

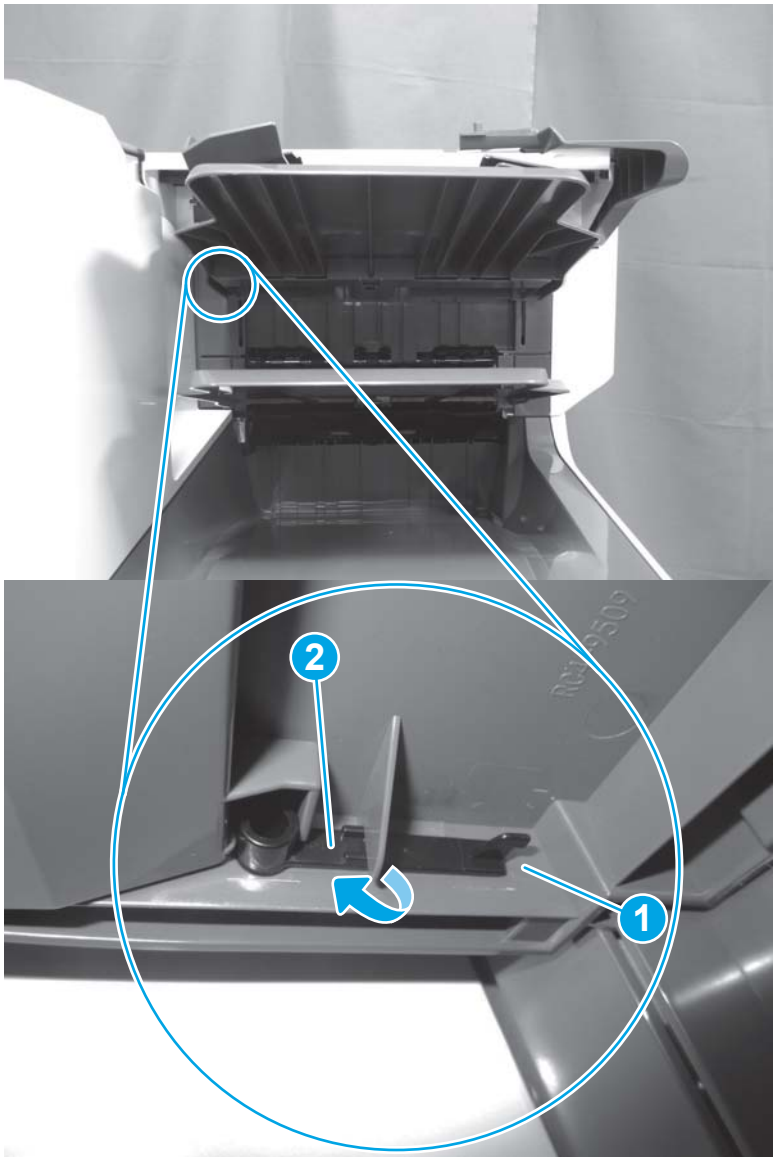
1. Release one boss (callout 1), rotate the front locking pin (callout 2) down to release it, and then remove the locking pin.

Figure 1-828 Remove the front locking pin



2. Release one boss (callout 1), rotate the rear locking pin (callout 2) down to release it, and then remove the locking pin.

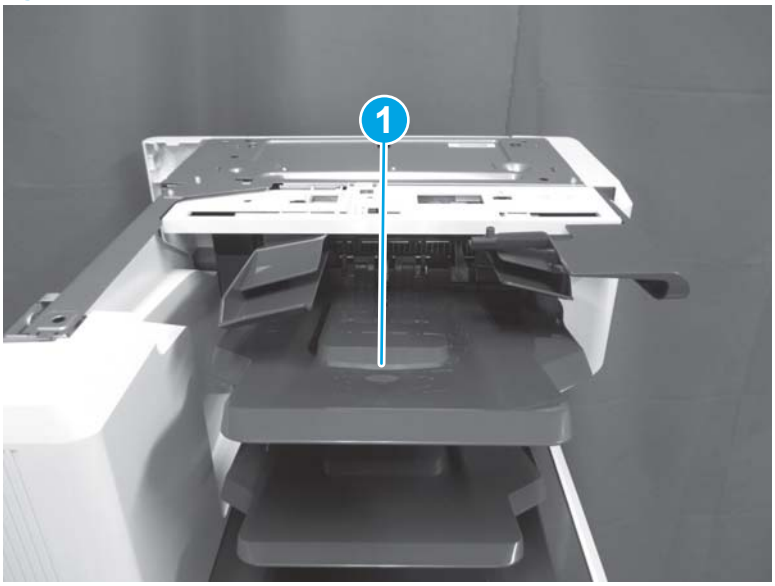
Figure 1-829 Remove the rear locking pin



3. Lift the tray assembly (callout 1) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-830 Remove the tray assembly



Step 2: Remove the staple cover (3-bin stapler/stacker)

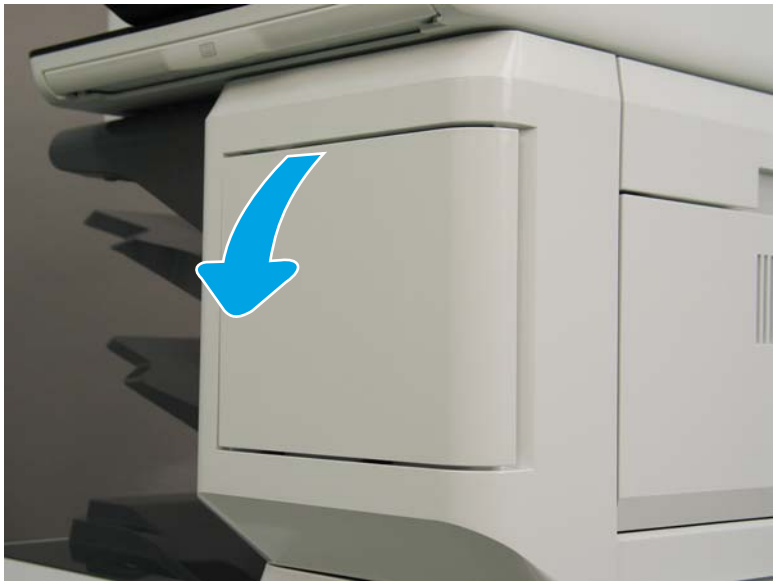
1. Open the front door.

Figure 1-831 Open the front door



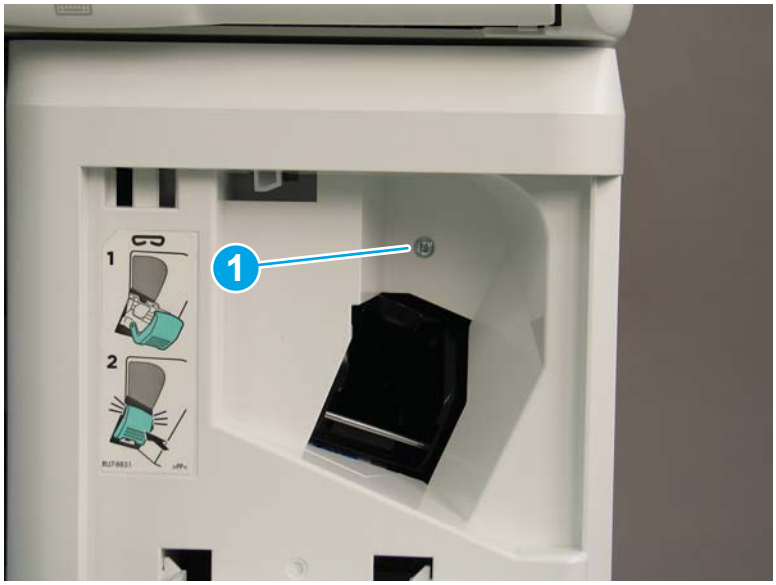
2. Open the stapler door.

Figure 1-832 Open the stapler door



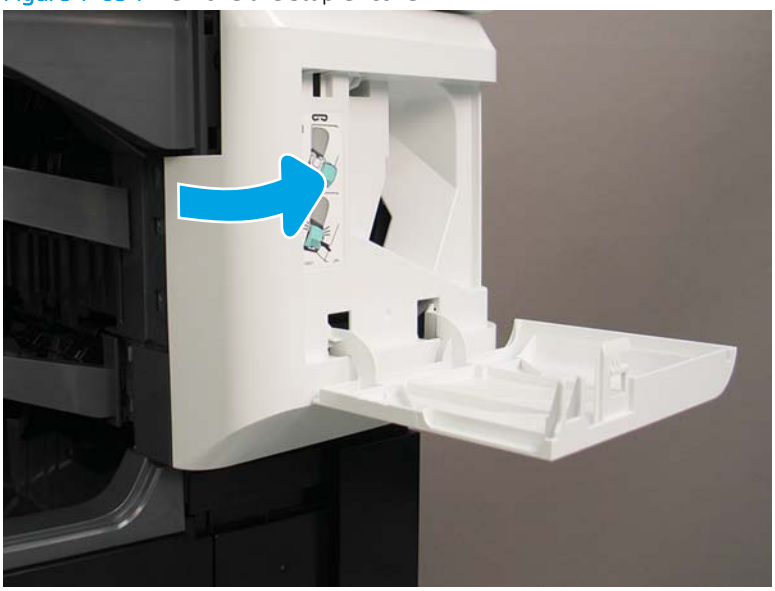
3. Remove one screw (callout 1).

Figure 1-833 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-834 Remove the stapler cover.



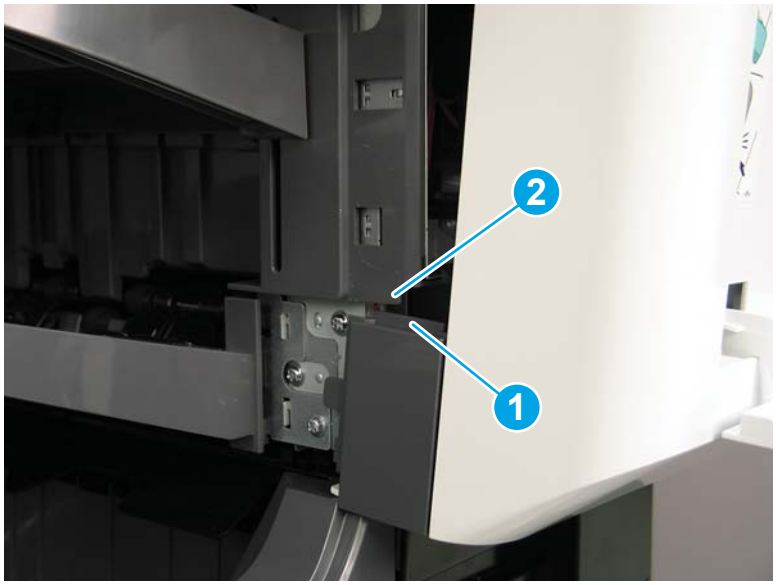
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

▲ When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-835 Position the tab



Step 3: Remove the jogger cover (3-bin stapler/stacker)

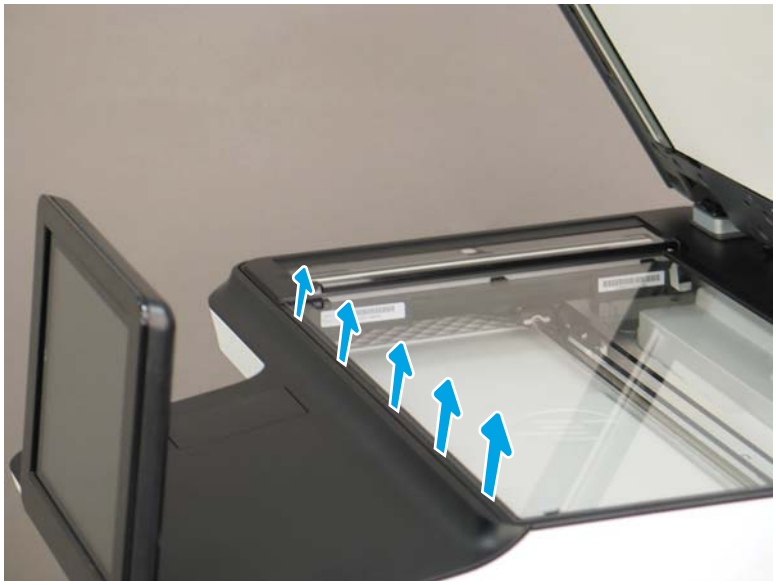
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-836 Tilt the control panel and open the document feeder



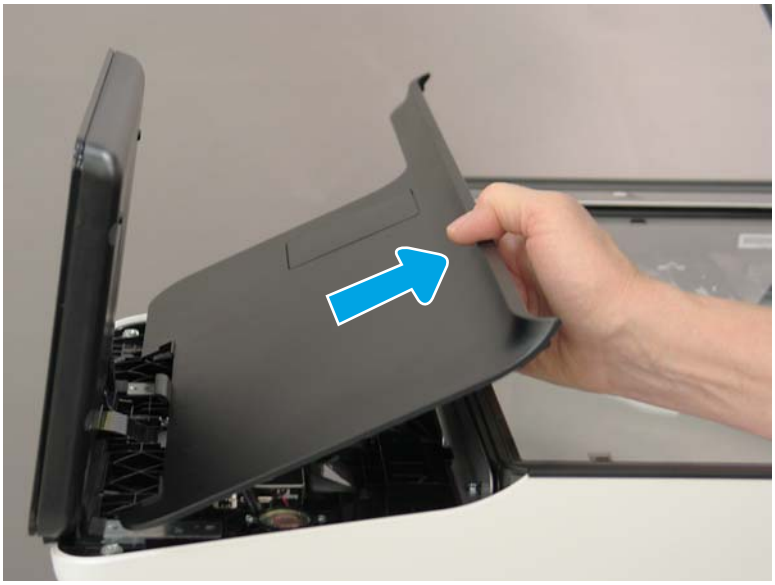
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-837 Release fiv tabs



3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

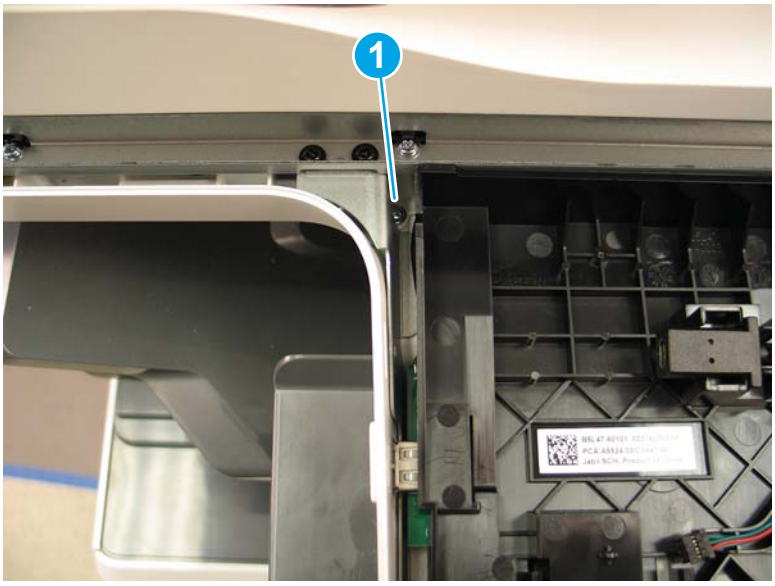
Figure 1-838 Remove the cover



4. Use a thin-shaft, magnetized screwdriver to remove one screw (callout 1).

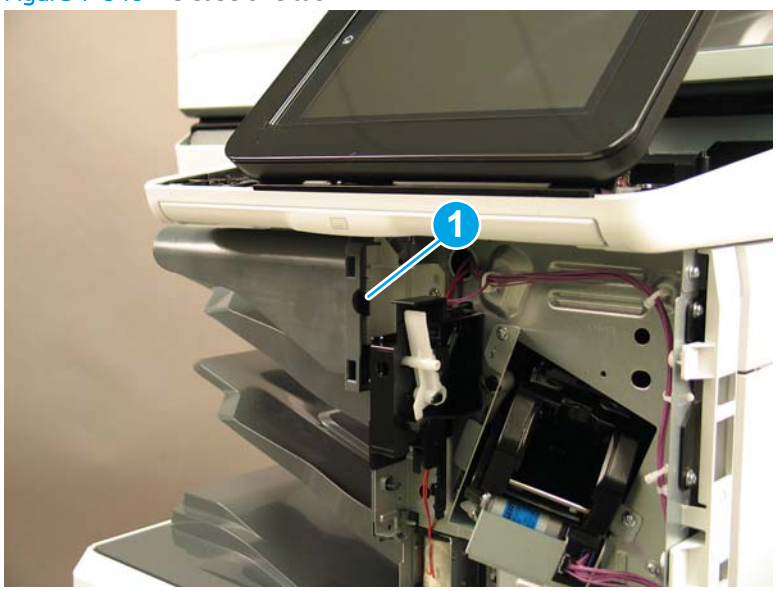
TIP: If necessary, remove the control panel to gain better access to this screw.

Figure 1-839 Remove one screw



5. Release one tab (callout 1).

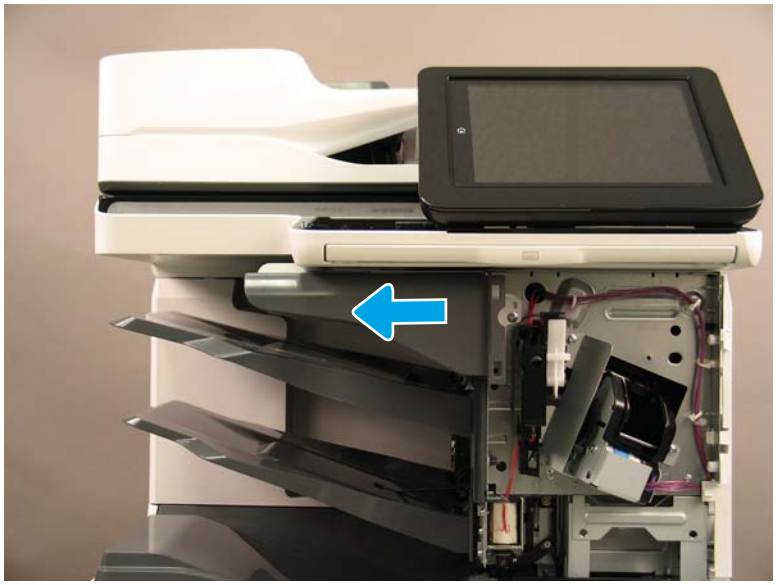
Figure 1-840 Release one tab



6. Slide the jogger cover to the left to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

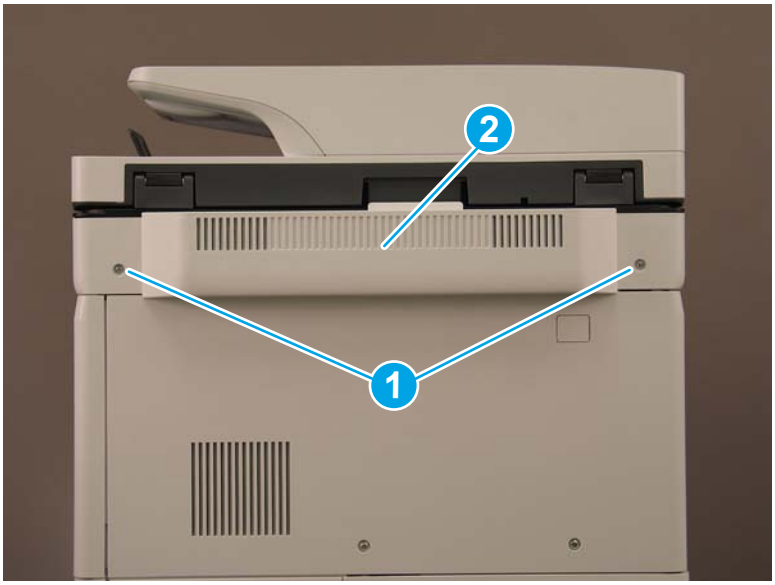
Figure 1-841 Remove the jogger cover



Step 4: Remove the rear cover (3-bin stapler/stacker)

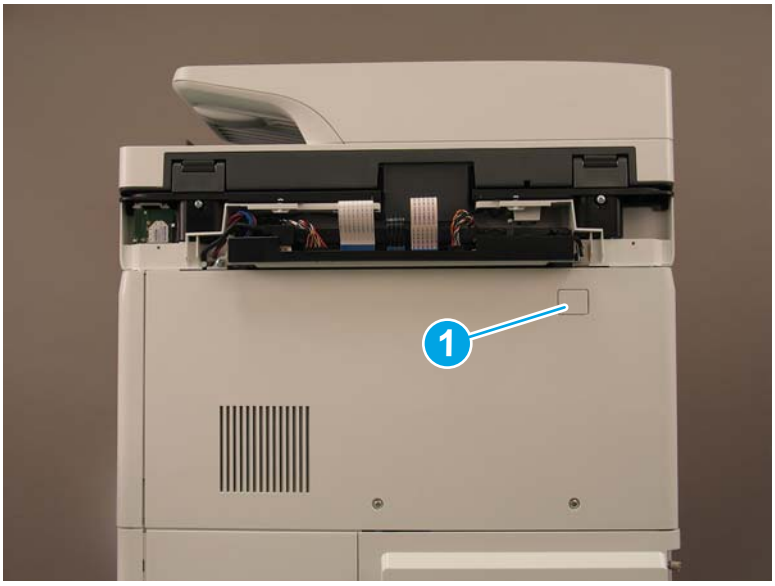
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-842 Remove two screws



2. Remove one screw cover (callout 1).

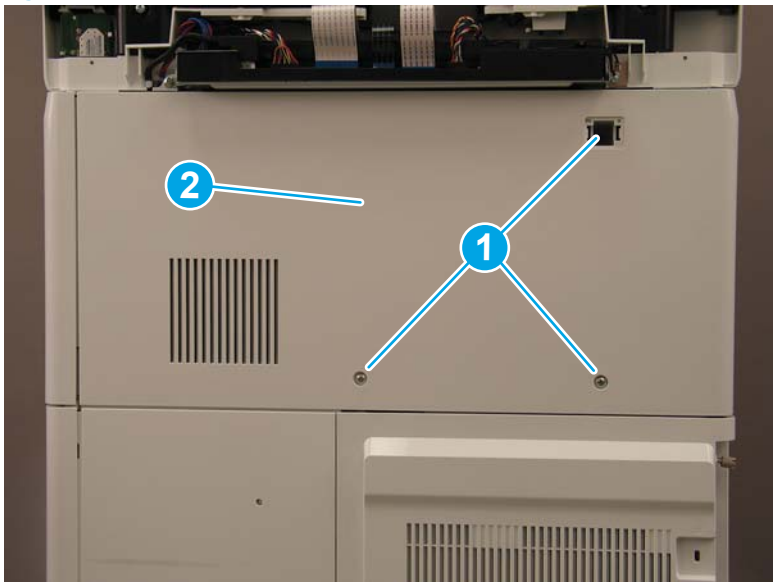
Figure 1-843 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-844 Remove three screws and the rear cover

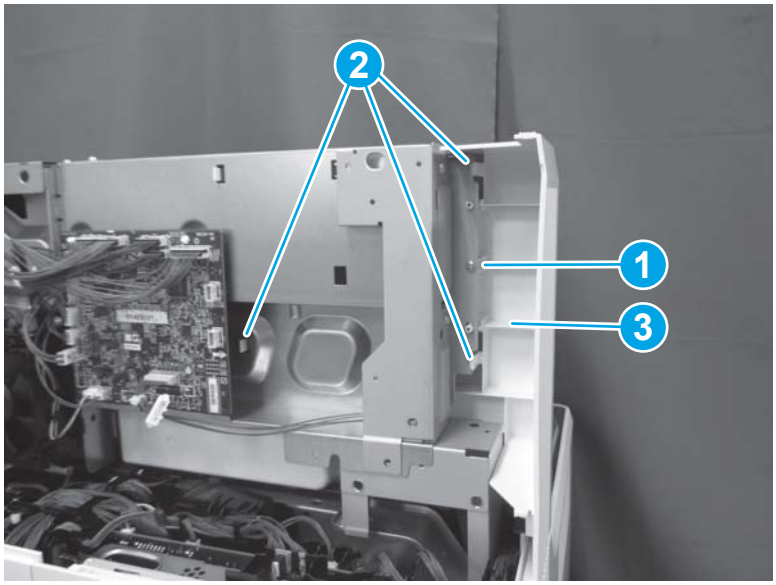


Step 5: Remove the rear inner cover (3-bin stapler/stacker)

▲ Remove one screw (callout 1), release three tabs (callout 2), and then remove the rear inner cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

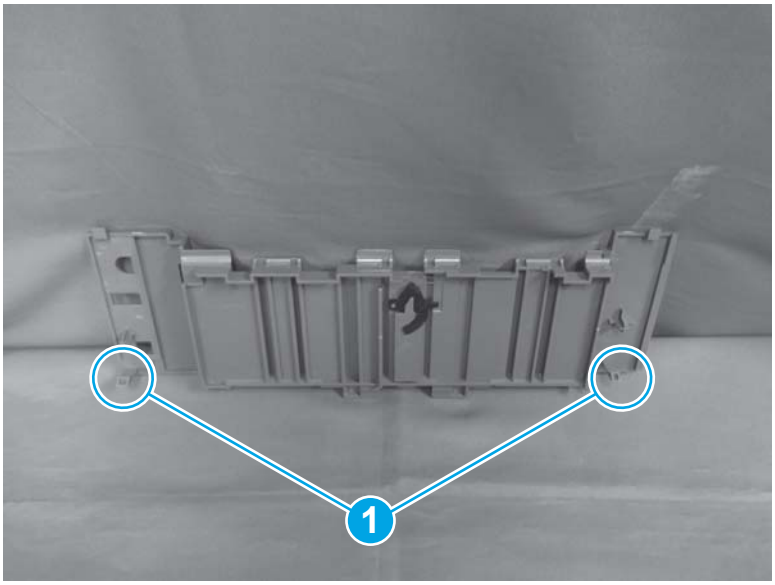
Figure 1-845 Remove the rear inner cover



Step 6: Remove the stacking wall cover (3-bin stapler/stacker)

1. Before removing the stacking wall cover, note the location of the two tabs (callout 1) on the back of the cover.

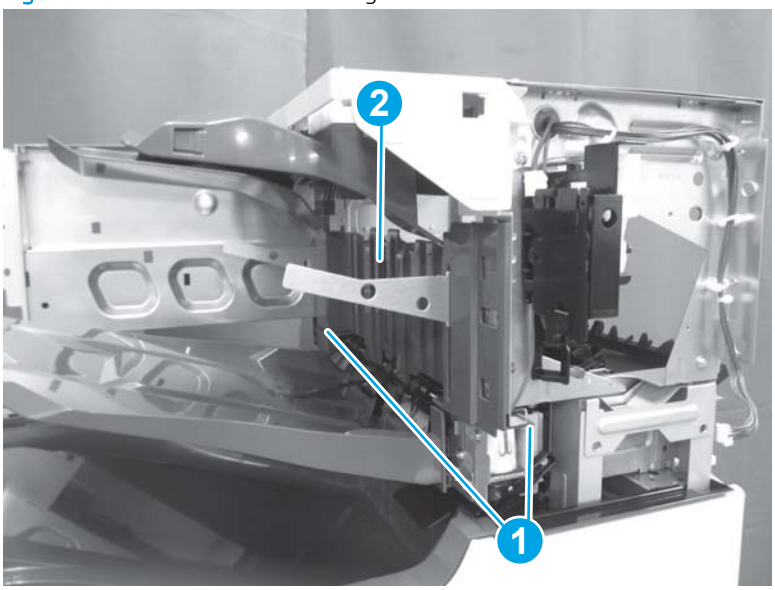
Figure 1-846 Tab locations



2. Release two tabs (callout 1), and then remove the stacking wall cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-847 Remove the stacking wall cover



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Upper feed assembly (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the right door (3-bin stapler/stacker)
- Step 2: Remove the staple cover (3-bin stapler/stacker)
- Step 3: Remove the stapler (3-bin stapler/stacker)
- Step 4: Remove the rear cover (3-bin stapler/stacker)
- Step 5: Remove the right upper cover (3-bin stapler/stacker)
- Step 6: Remove the right corner cover (3-bin stapler/stacker)
- Step 7: Remove the staple rear cover (3-bin stapler/stacker)
- Step 8: Remove the upper feed assembly (3-bin stapler/stacker)
- Step 9: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the upper feed assembly on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Upper feed assembly (3-bin stapler/stacker) part number	
RM2-6810-000CN	Upper paper feed assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

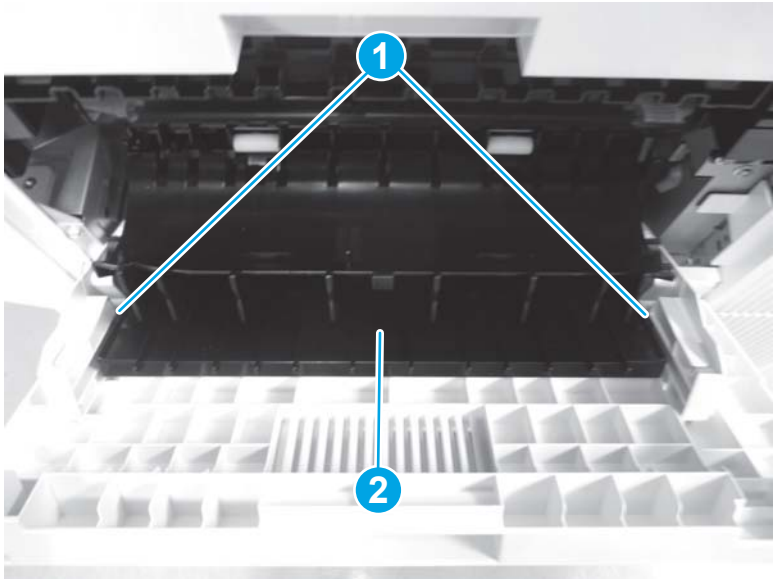
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door (3-bin stapler/stacker)

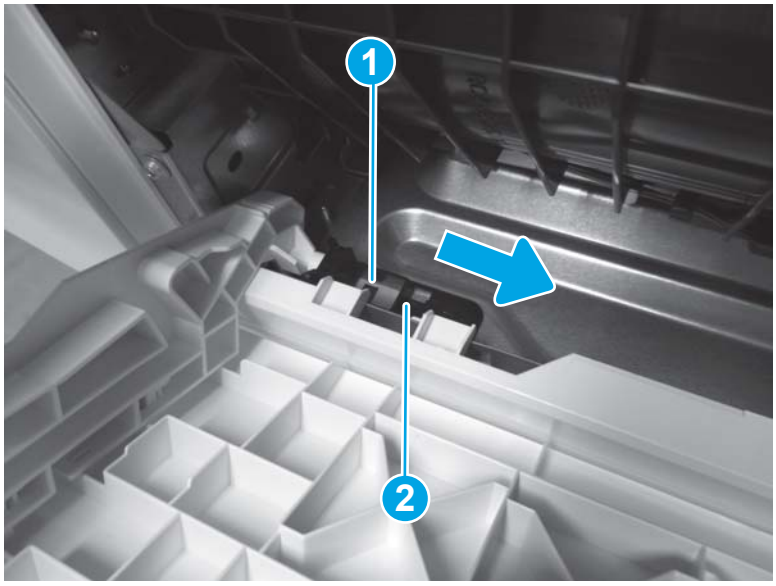
1. Open the right door.
2. Release two shafts (callout 1), and then raise the feed guide (callout 2).

Figure 1-848 Raise the feed guide



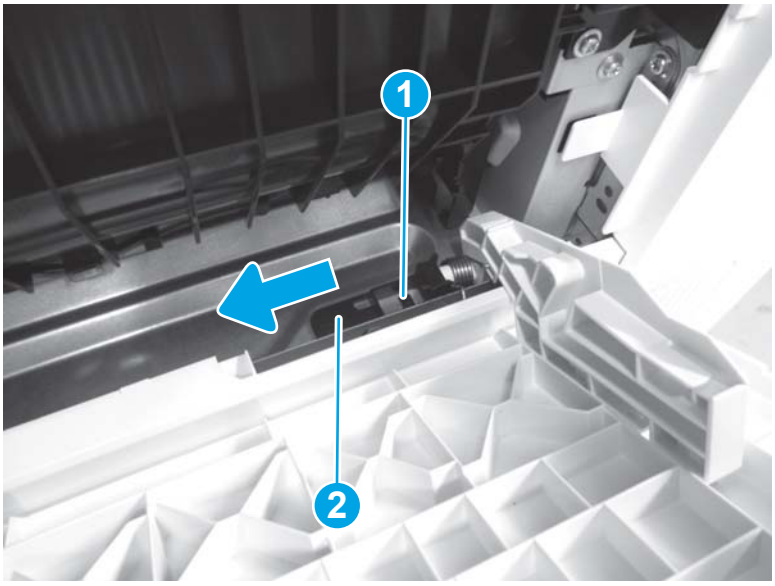
3. On the left side of the door, release one tab (callout 1), and then slide the bracket (callout 2) to the right to remove it.

Figure 1-849 Remove the left bracket



4. On the right side of the door, release one tab (callout 1), and then slide the bracket (callout 2) to the left to remove it.

Figure 1-850 Remove the right bracket

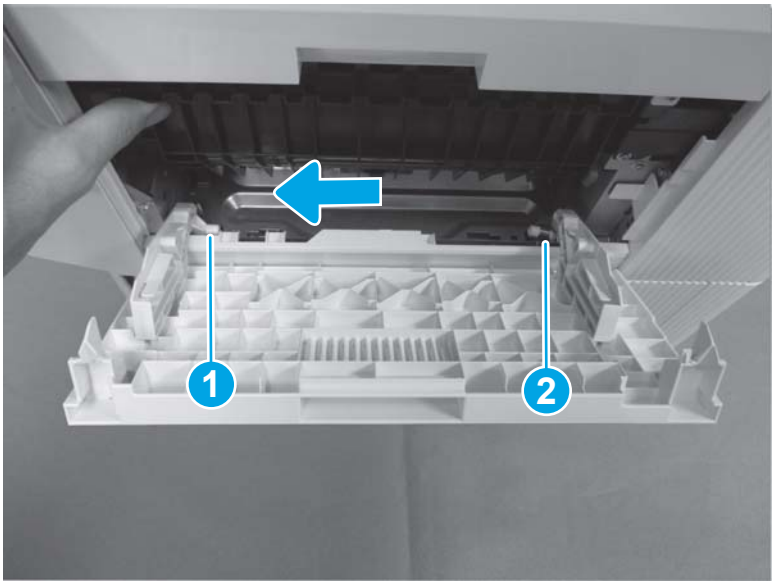


5. Release the left hinge pin (callout 1), and then slide the door to the left to release the right hinge pin (callout 2).

NOTE: The spring on the right hinge pin (callout 2) is not captive. Do not lose the spring.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-851 Remove the right door



Step 2: Remove the staple cover (3-bin stapler/stacker)

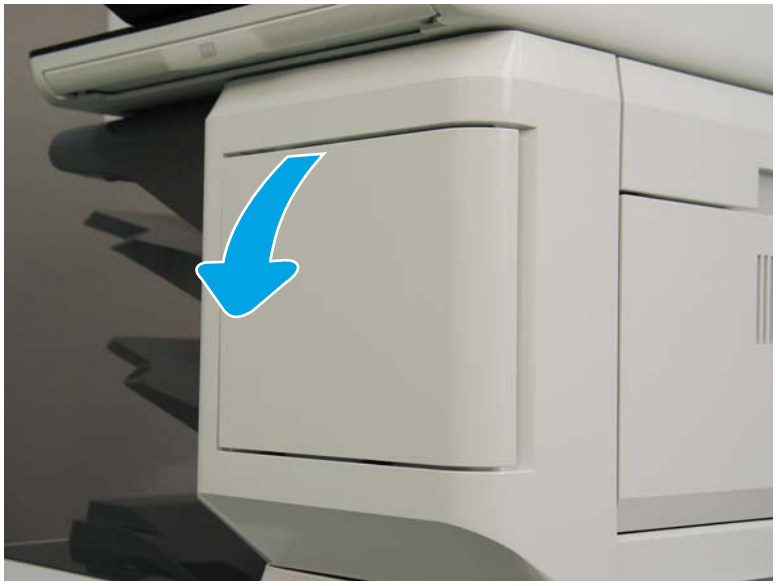
1. Open the front door.

Figure 1-852 Open the front door



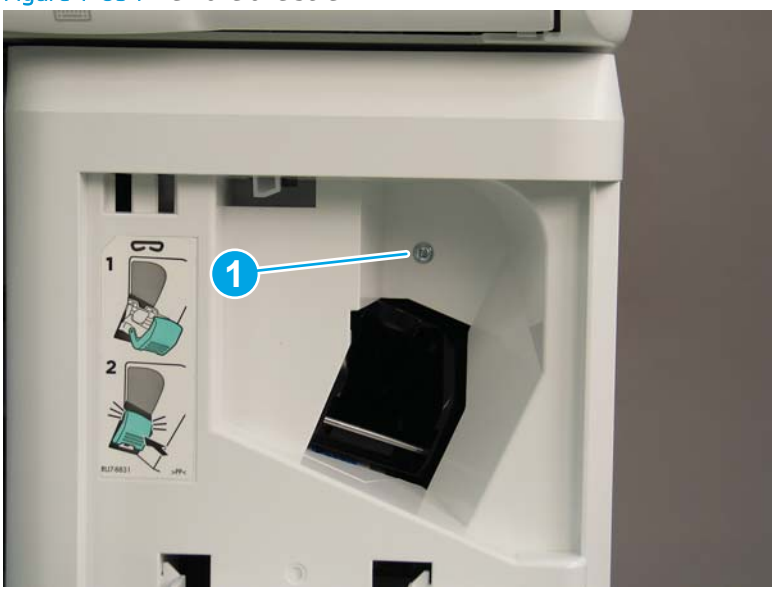
2. Open the stapler door.

Figure 1-853 Open the stapler door



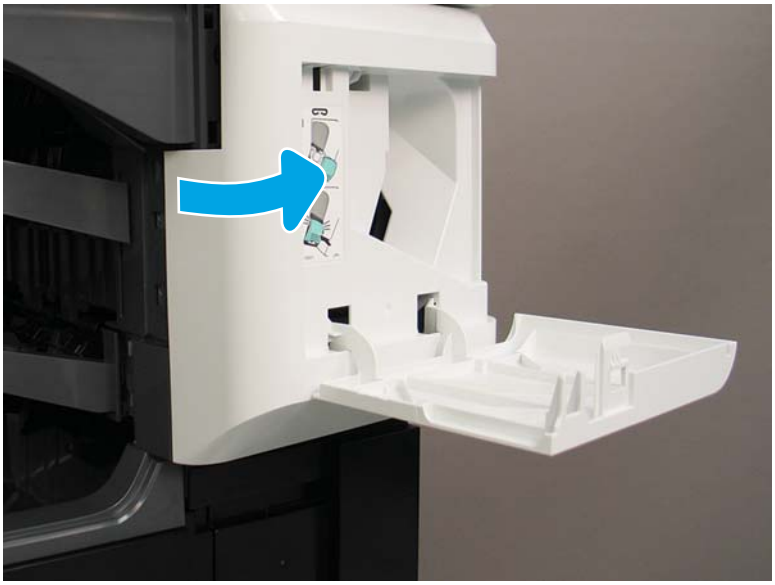
3. Remove one screw (callout 1).

Figure 1-854 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-855 Remove the stapler cover.



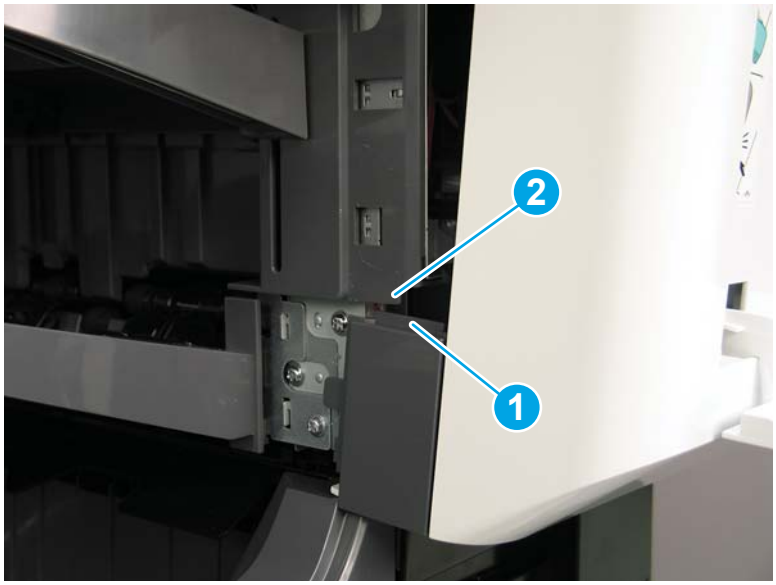
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

- When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-856 Position the tab

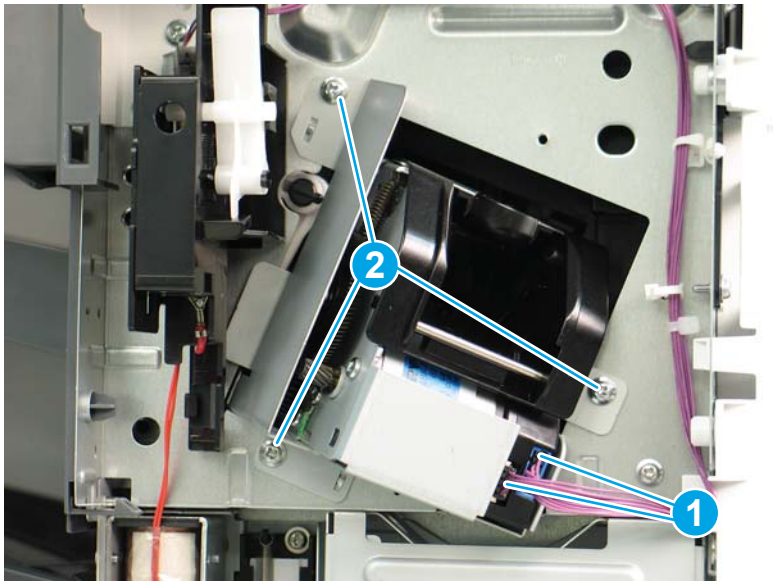


Step 3: Remove the stapler (3-bin stapler/stacker)

▲ Disconnect two connectors (callout 1), remove three screws (callout 2), and then lift the stapler away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

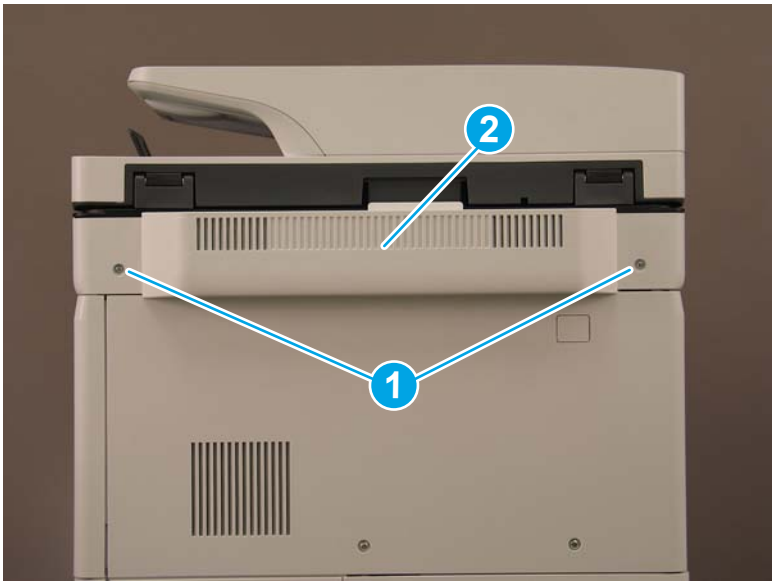
Figure 1-857 Remove the stapler



Step 4: Remove the rear cover (3-bin stapler/stacker)

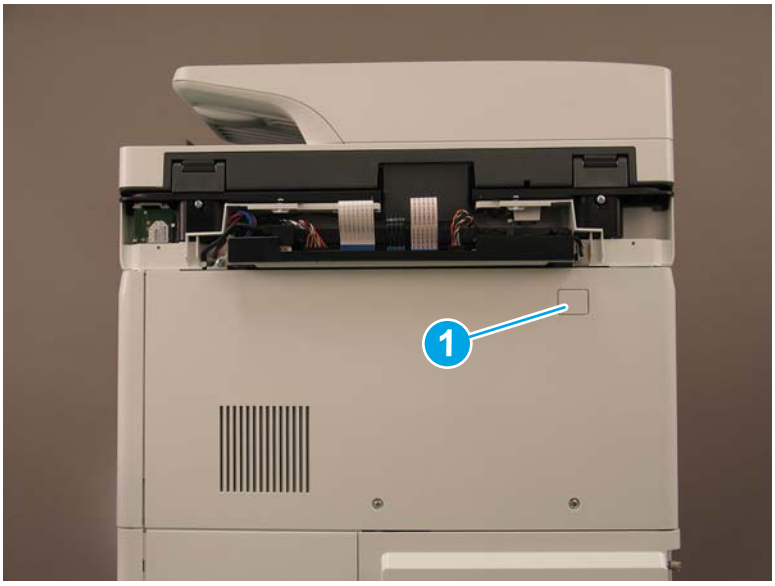
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-858 Remove two screws



2. Remove one screw cover (callout 1).

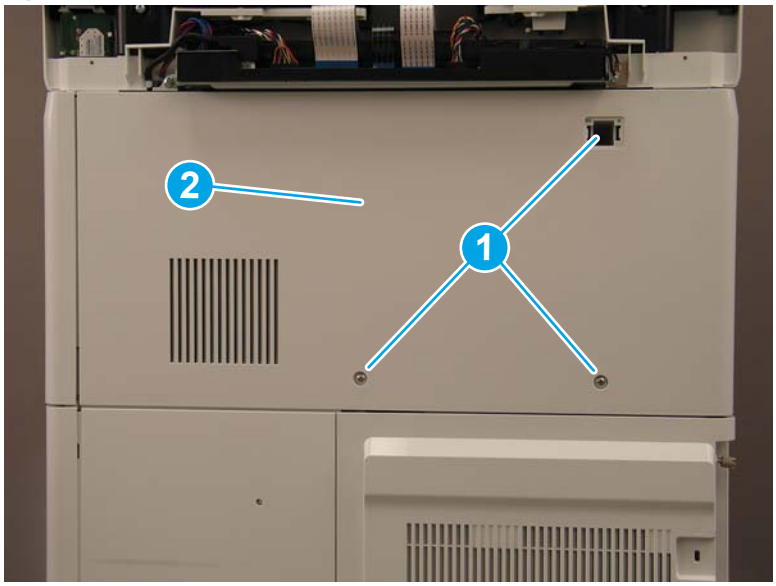
Figure 1-859 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-860 Remove three screws and the rear cover

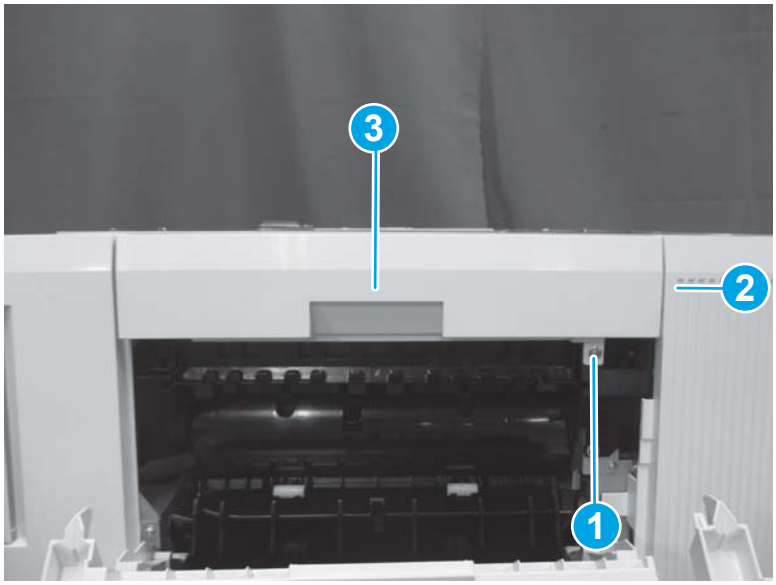


Step 5: Remove the right upper cover (3-bin stapler/stacker)

1. Open the right door.
2. Remove one screw (callout 1), release one tab (callout 2), and then remove the right upper cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-861 Remove the right upper cover

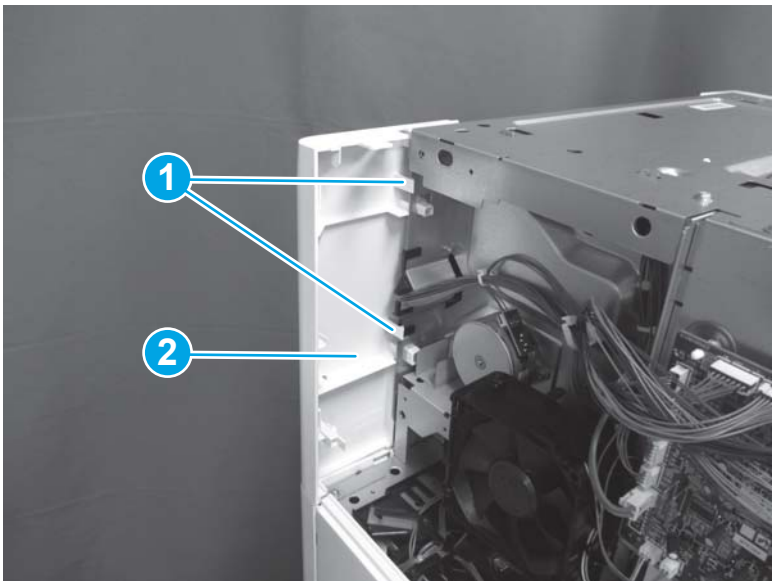


Step 6: Remove the right corner cover (3-bin stapler/stacker)

- Release two tabs (callout 1), and then remove the right corner cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-862 Remove the right corner cover

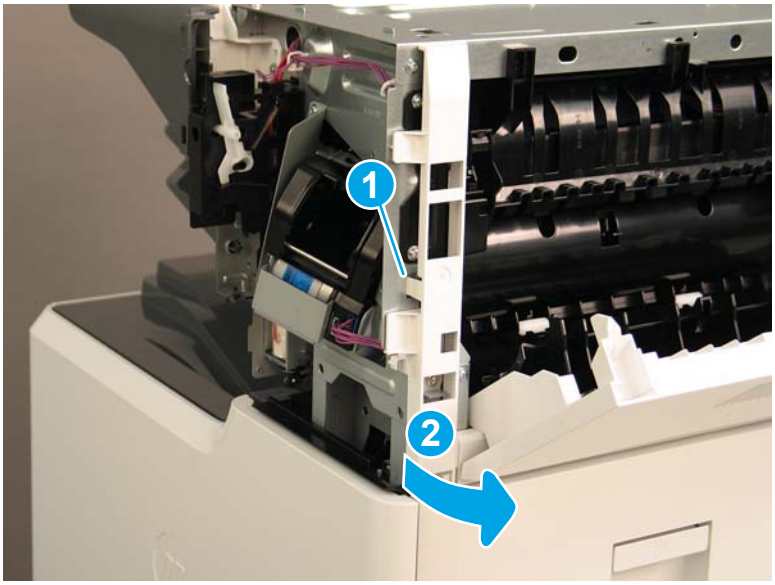


Step 7: Remove the staple rear cover (3-bin stapler/stacker)

- Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

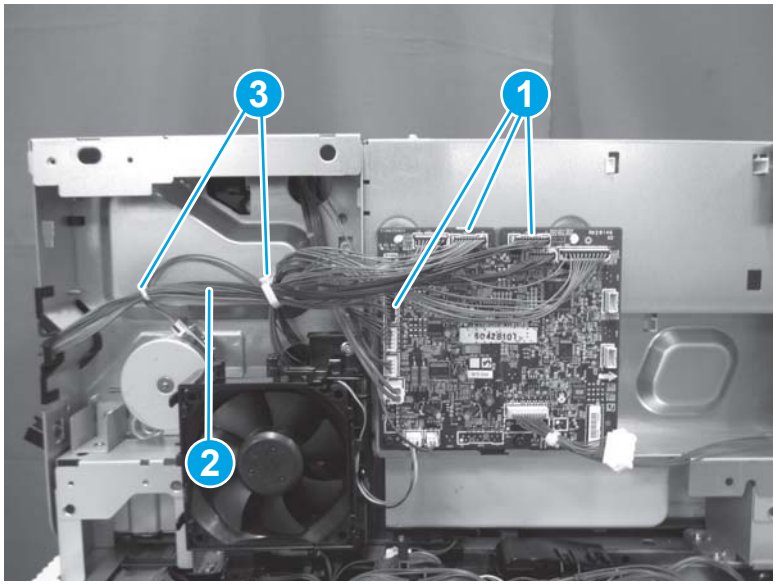
Figure 1-863 Remove the staple rear cover



Step 8: Remove the upper feed assembly (3-bin stapler/stacker)

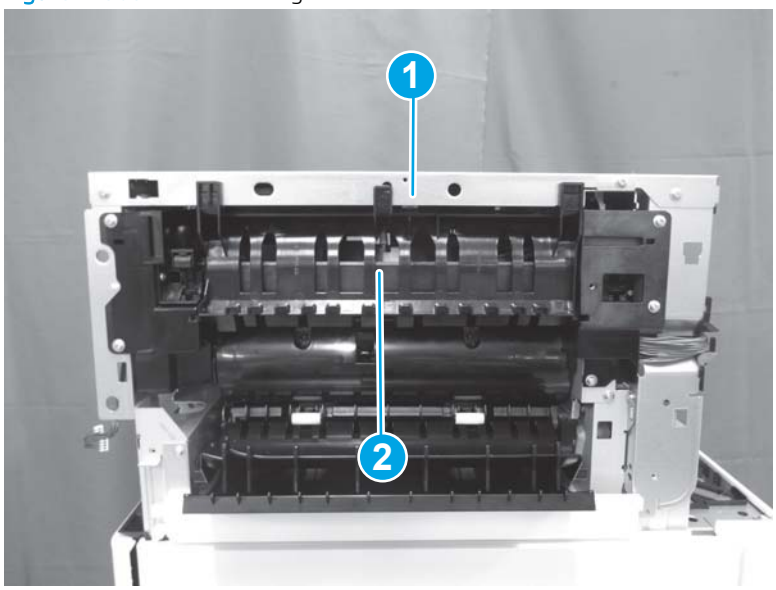
1. At the rear of the 3-bin stapler/stacker, disconnect three connectors (callout 1), and then release the cables (callout 2) from the retainers (callout 3).

Figure 1-864 Disconnect three connectors



2. Release one tab (callout 1), and then remove the guide (callout 2).

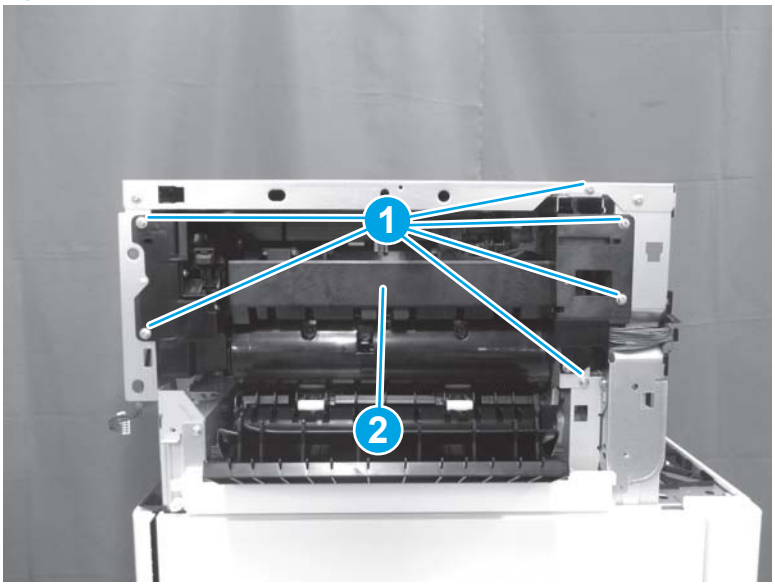
Figure 1-865 Remove the guide



3. Remove six screws (callout 1), and then remove the upper feed assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-866 Remove the upper feed assembly



Step 9: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Fan (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the rear cover (3-bin stapler/stacker)
- Step 2: Remove the fan (3-bin stapler/stacker)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the fan on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Fan (3-bin stapler/stacker) part number	
RK2-8153-000CN	Fan

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

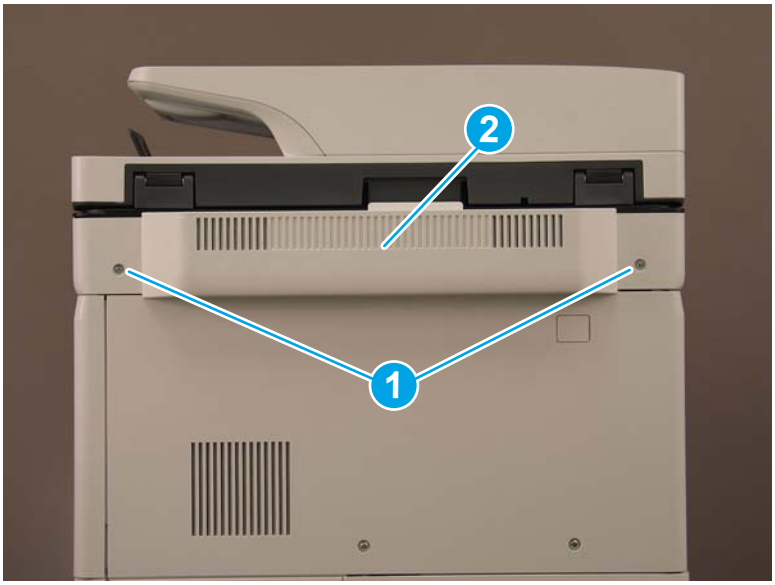
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3-bin stapler/stacker)

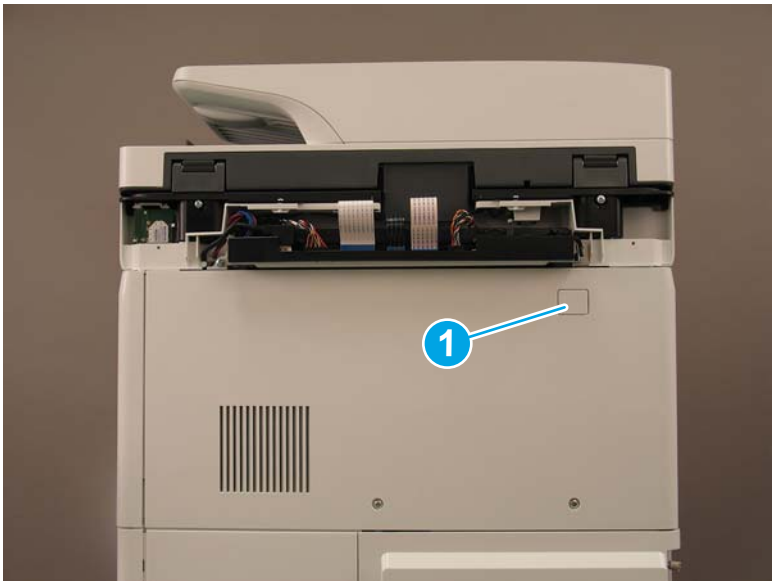
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-867 Remove two screws



2. Remove one screw cover (callout 1).

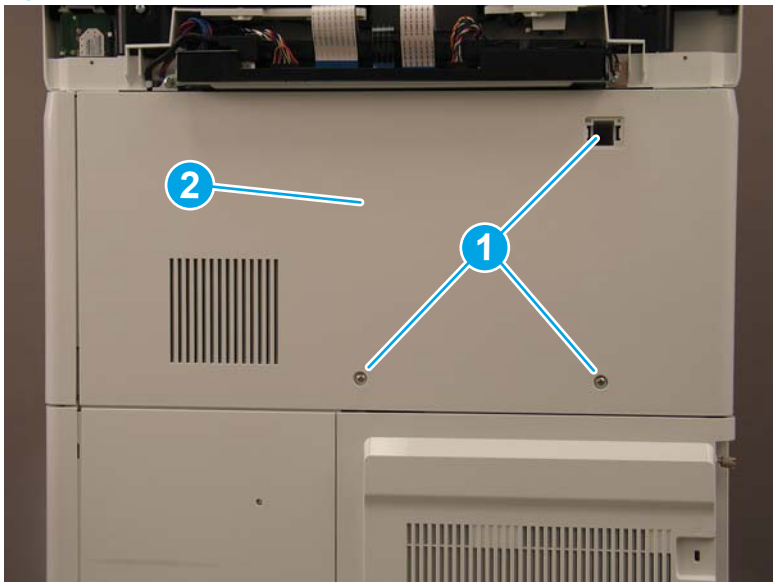
Figure 1-868 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

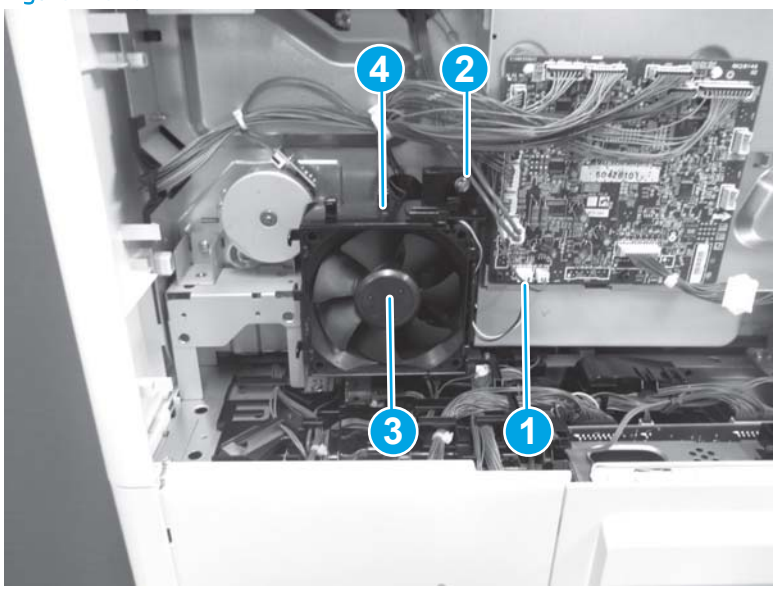
Figure 1-869 Remove three screws and the rear cover



Step 2: Remove the fan (3-bin stapler/stacker)

1. Disconnect one connector (callout 1), remove one screw (callout 2), and then remove the fan (callout 3) together with the fan holder (callout 4).

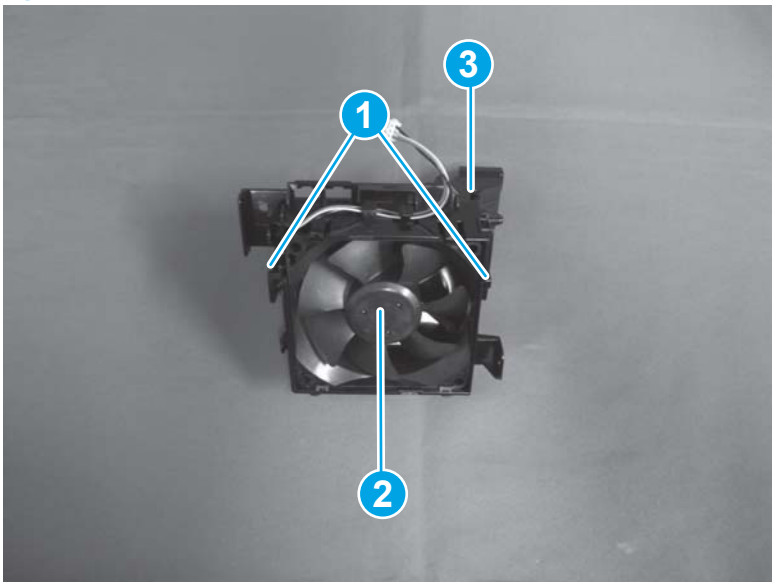
Figure 1-870 Remove the fan holder and fan



2. Release two tabs (callout 1), and then remove the fan (callout 2) from the holder (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-871 Remove the fan



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lower feed assembly (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the tray assembly (3-bin stapler/stacker)
- Step 2: Remove the right door (3-bin stapler/stacker)
- Step 3: Remove the staple cover (3-bin stapler/stacker)
- Step 4: Remove the stapler (3-bin stapler/stacker)
- Step 5: Remove the rear cover (3-bin stapler/stacker)
- Step 6: Remove the rear inner cover (3-bin stapler/stacker)
- Step 7: Remove the stacking wall cover (3-bin stapler/stacker)
- Step 8: Remove the fan (3-bin stapler/stacker)
- Step 9: Remove the right upper cover (3-bin stapler/stacker)
- Step 10: Remove the right corner cover (3-bin stapler/stacker)
- Step 11: Remove the staple rear cover (3-bin stapler/stacker)
- Step 12: Remove the upper feed assembly (3-bin stapler/stacker)
- Step 13: Remove the lower feed assembly (3-bin stapler/stacker)
- Step 14: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lower feed assembly on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

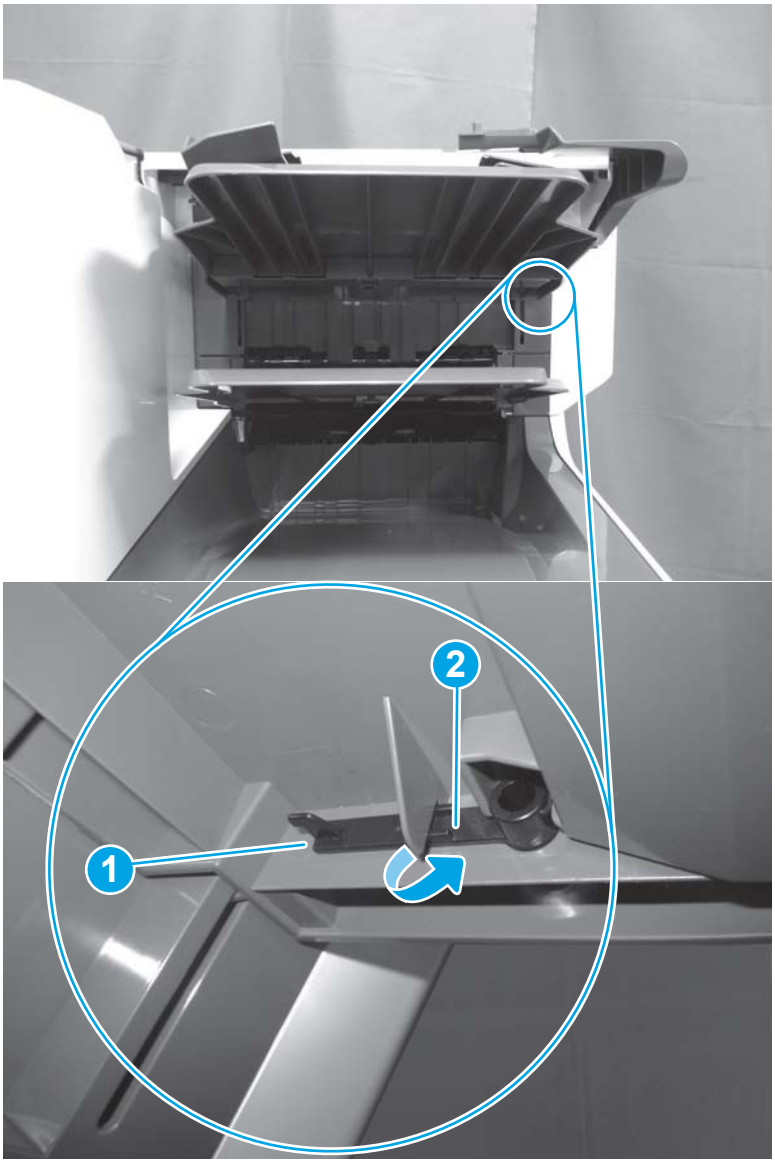
Post service test

No post service test is available for this assembly.

Step 1: Remove the tray assembly (3-bin stapler/stacker)

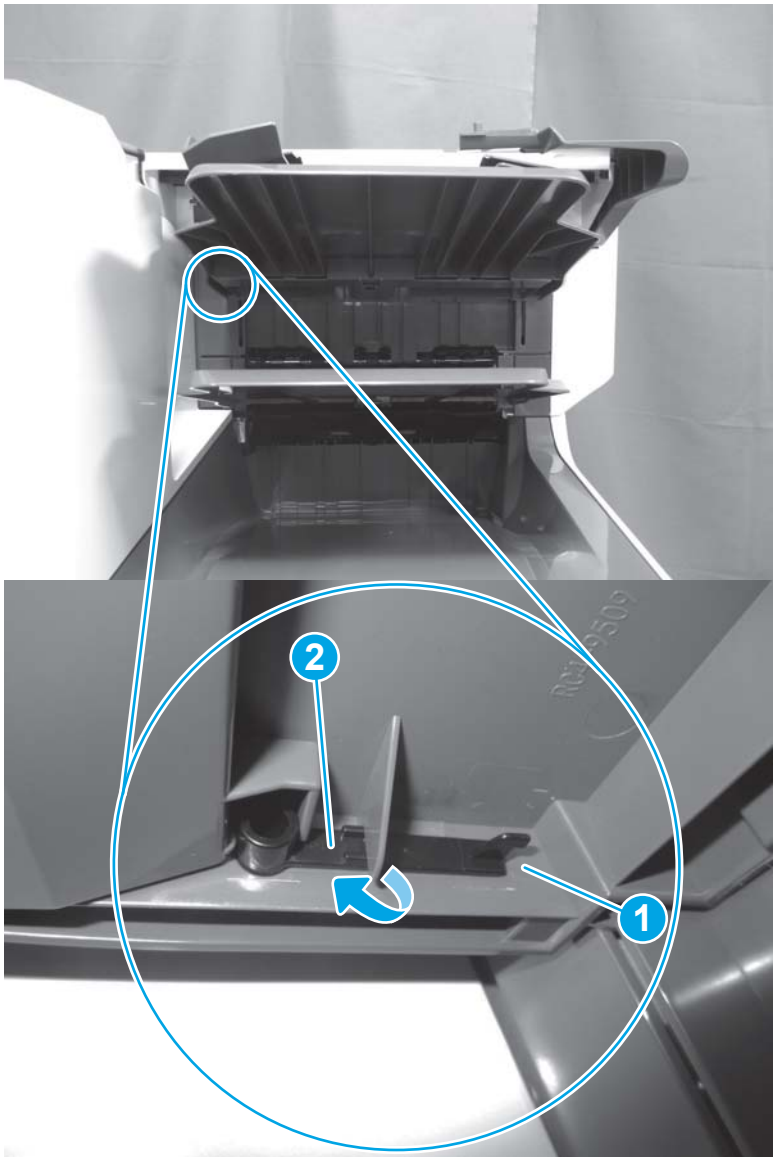
1. Release one boss (callout 1), rotate the front locking pin (callout 2) down to release it, and then remove the locking pin.

Figure 1-872 Remove the front locking pin



2. Release one boss (callout 1), rotate the rear locking pin (callout 2) down to release it, and then remove the locking pin.

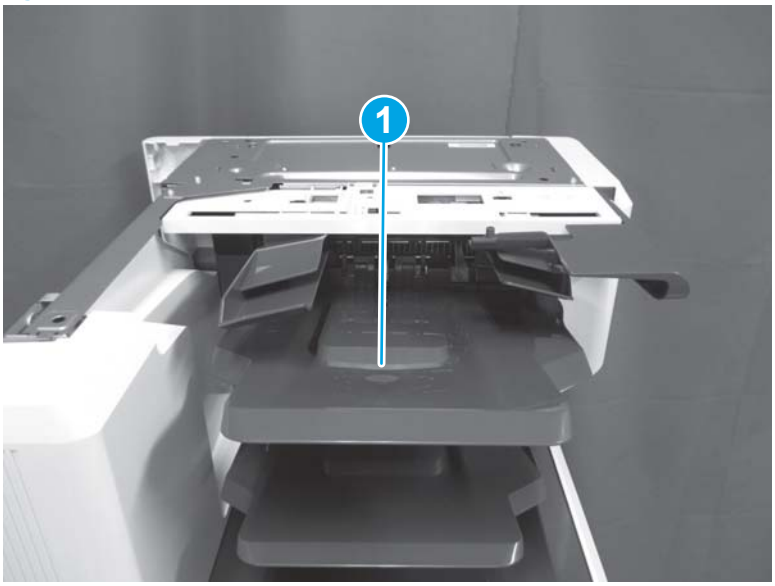
Figure 1-873 Remove the rear locking pin



3. Lift the tray assembly (callout 1) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

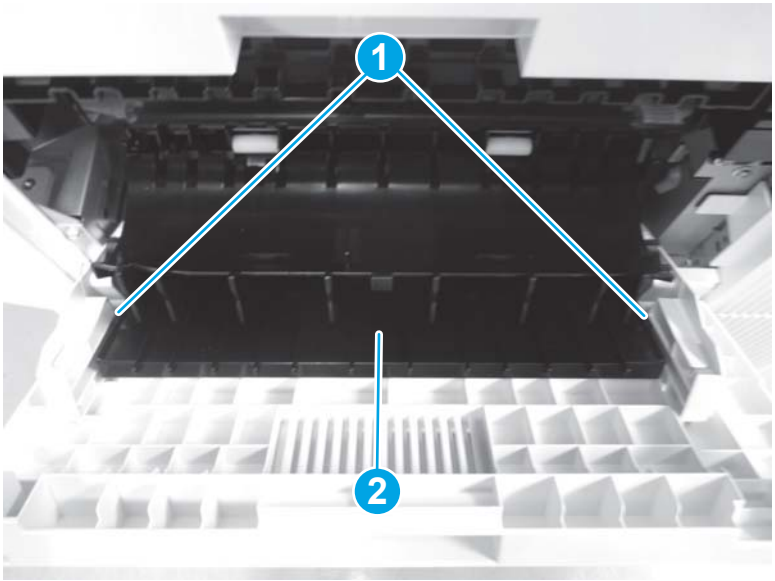
Figure 1-874 Remove the tray assembly



Step 2: Remove the right door (3-bin stapler/stacker)

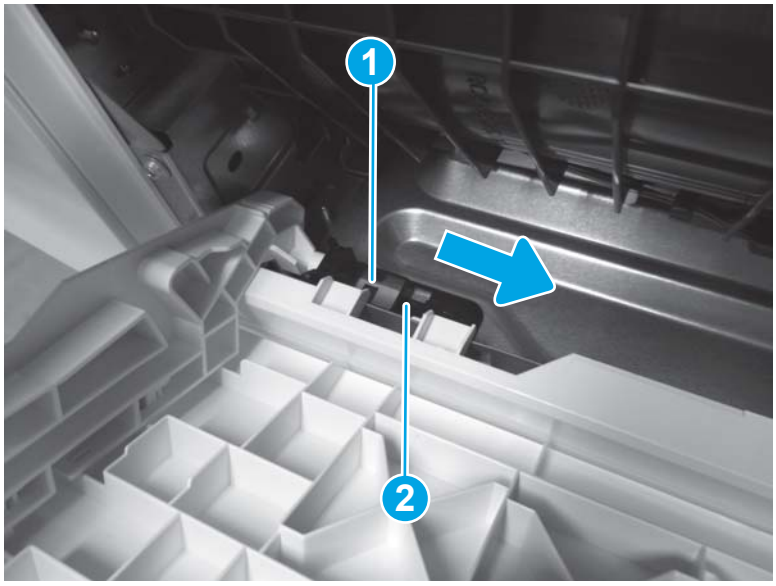
1. Open the right door.
2. Release two shafts (callout 1), and then raise the feed guide (callout 2).

Figure 1-875 Raise the feed guide



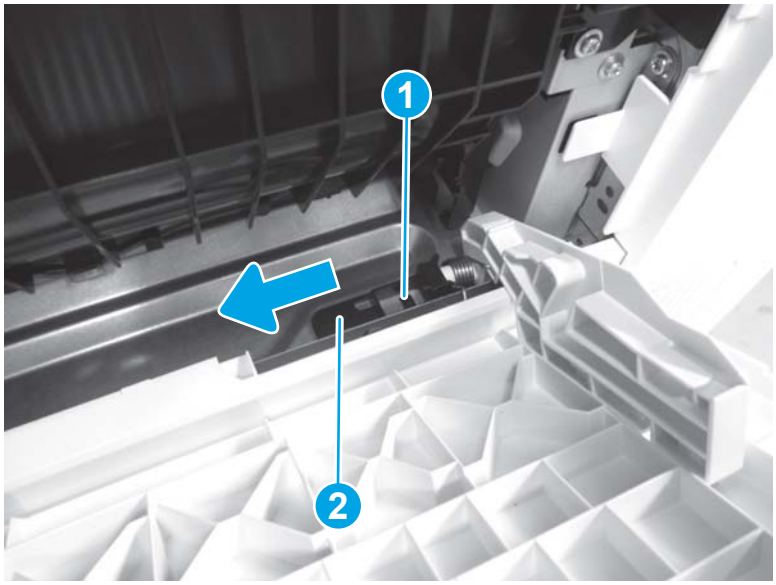
3. On the left side of the door, release one tab (callout 1), and then slide the bracket (callout 2) to the right to remove it.

Figure 1-876 Remove the left bracket



4. On the right side of the door, release one tab (callout 1), and then slide the bracket (callout 2) to the left to remove it.

Figure 1-877 Remove the right bracket

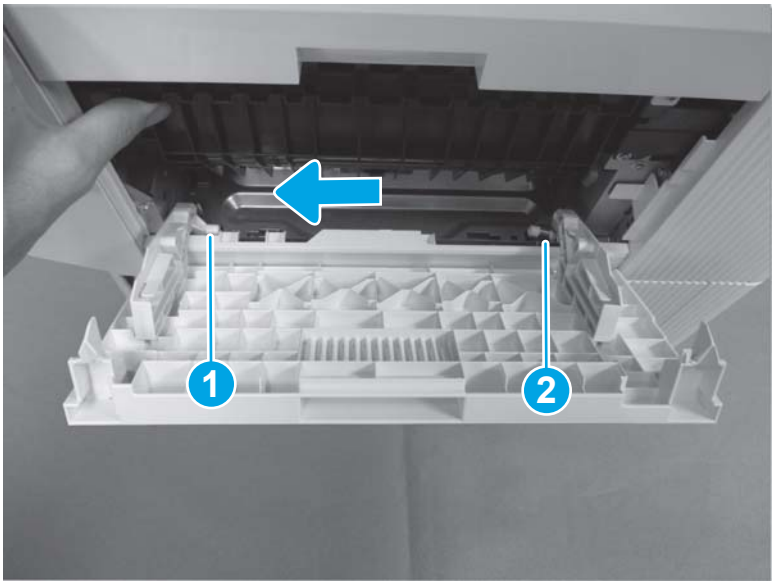


5. Release the left hinge pin (callout 1), and then slide the door to the left to release the right hinge pin (callout 2).

NOTE: The spring on the right hinge pin (callout 2) is not captive. Do not lose the spring.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-878 Remove the right door



Step 3: Remove the staple cover (3-bin stapler/stacker)

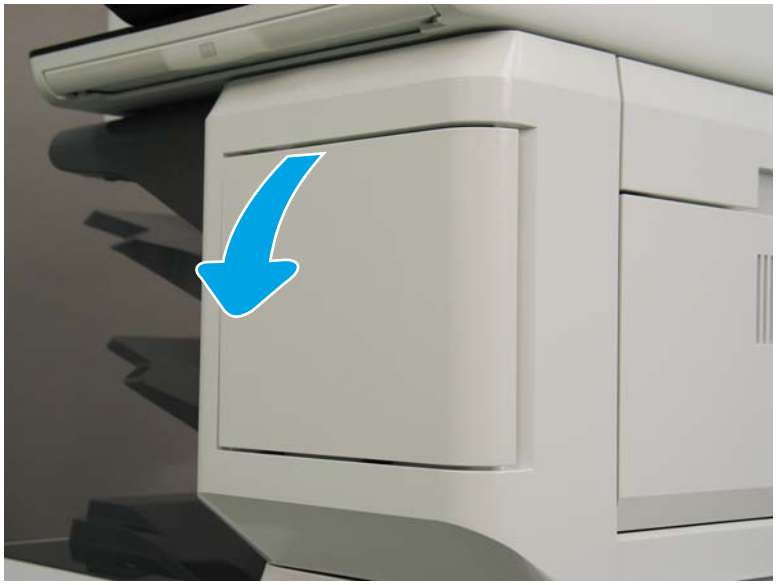
1. Open the front door.

Figure 1-879 Open the front door



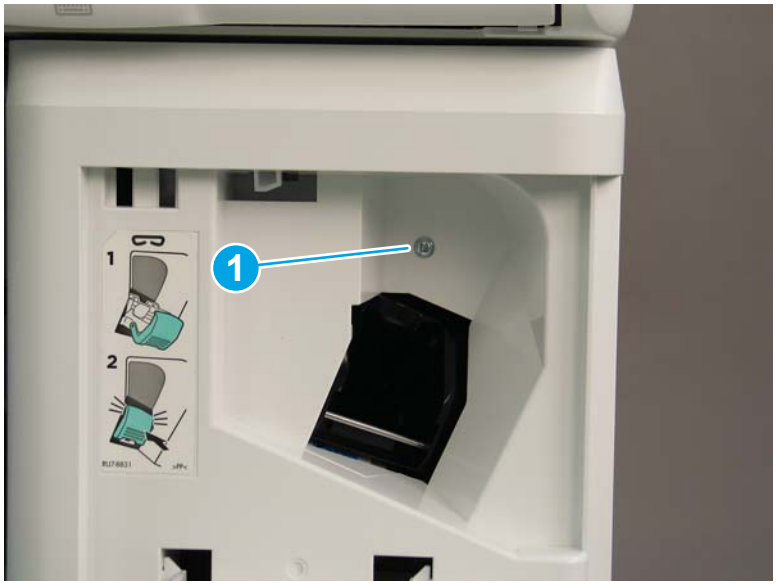
2. Open the stapler door.

Figure 1-880 Open the stapler door



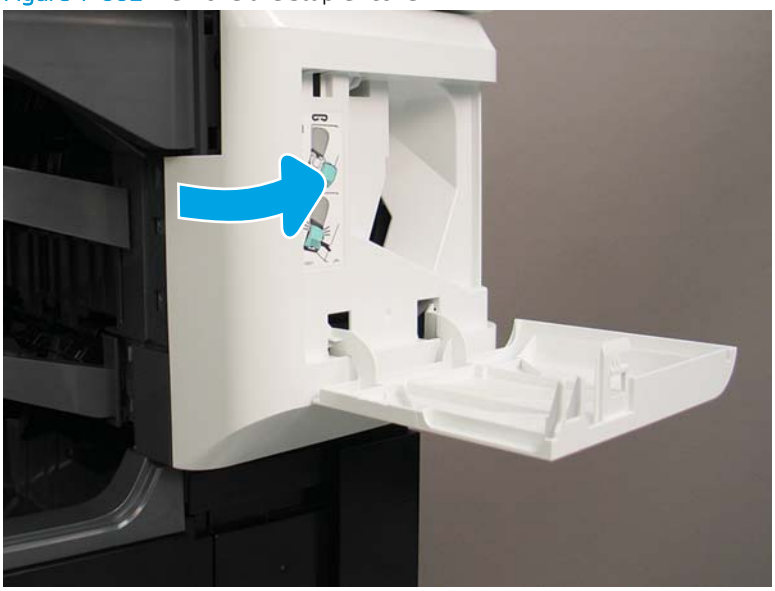
3. Remove one screw (callout 1).

Figure 1-881 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-882 Remove the stapler cover.



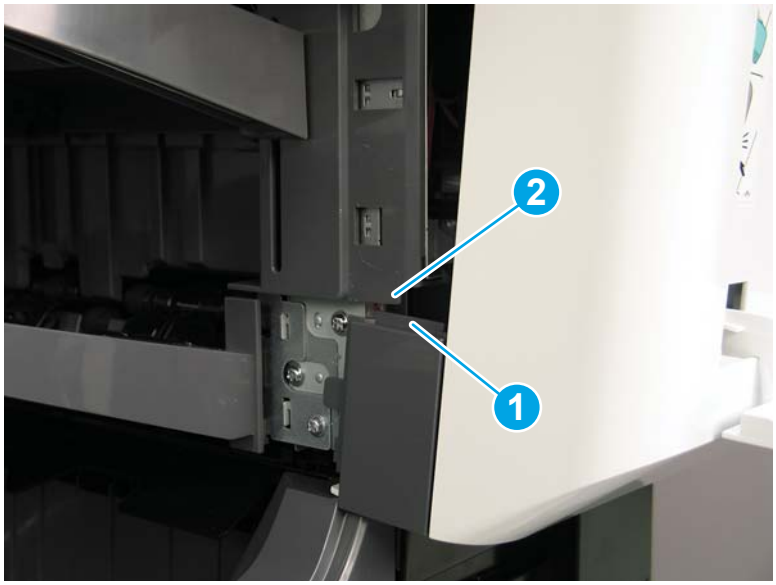
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

▲ When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-883 Position the tab

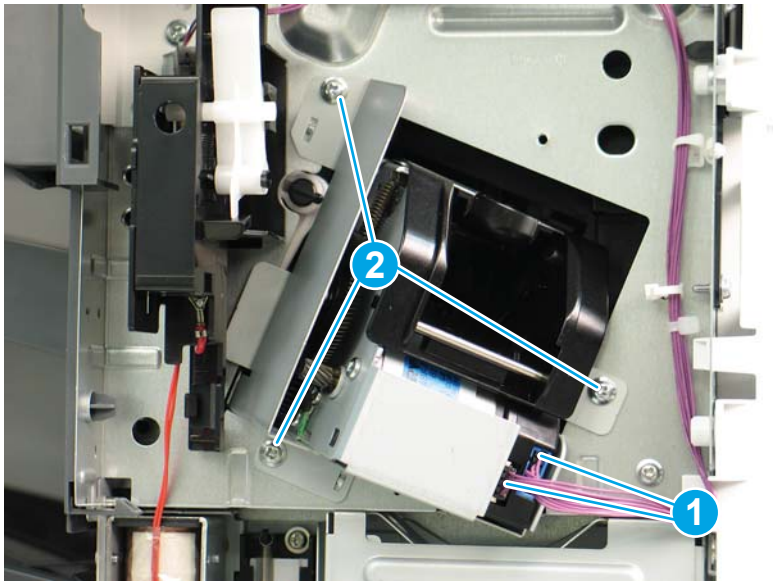


Step 4: Remove the stapler (3-bin stapler/stacker)

▲ Disconnect two connectors (callout 1), remove three screws (callout 2), and then lift the stapler away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

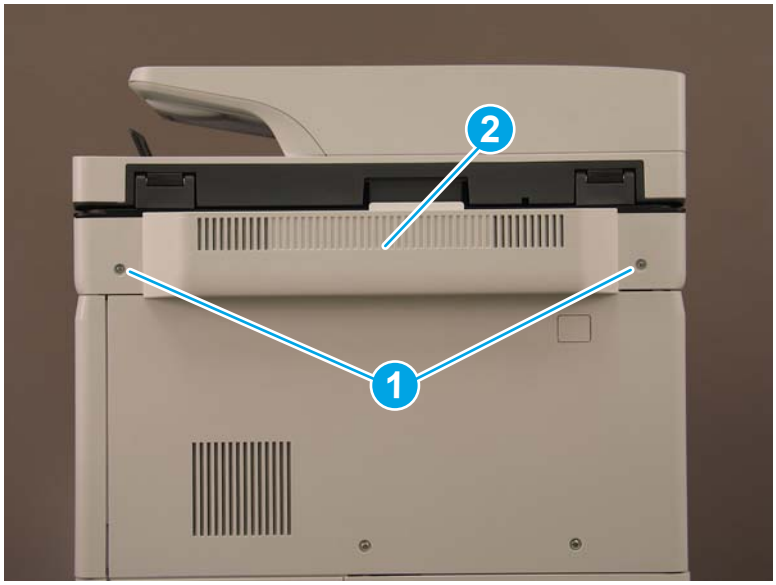
Figure 1-884 Remove the stapler



Step 5: Remove the rear cover (3-bin stapler/stacker)

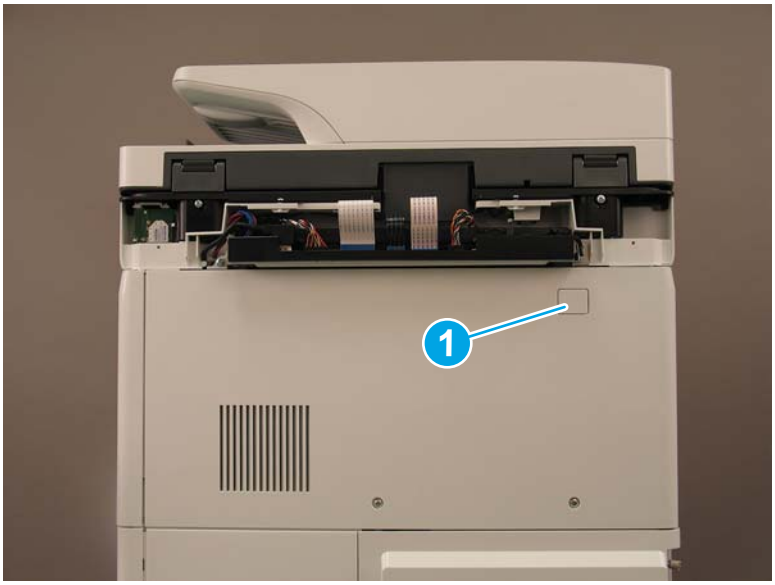
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-885 Remove two screws



2. Remove one screw cover (callout 1).

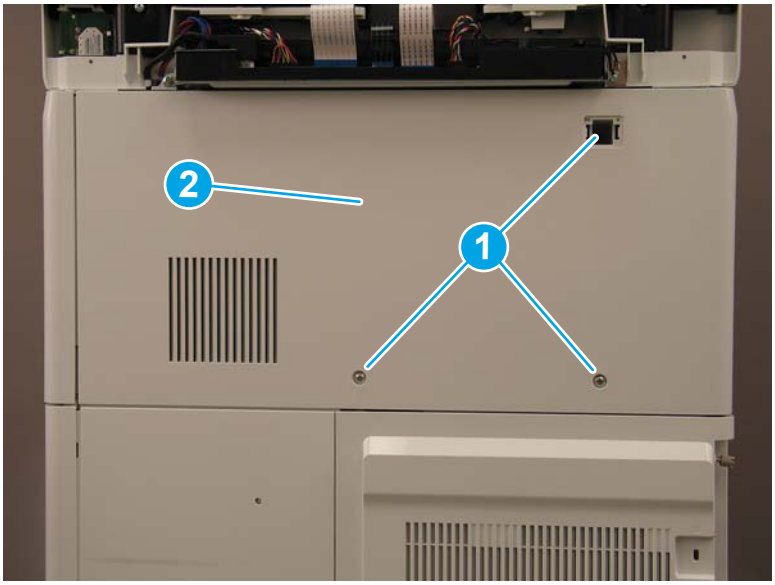
Figure 1-886 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-887 Remove three screws and the rear cover

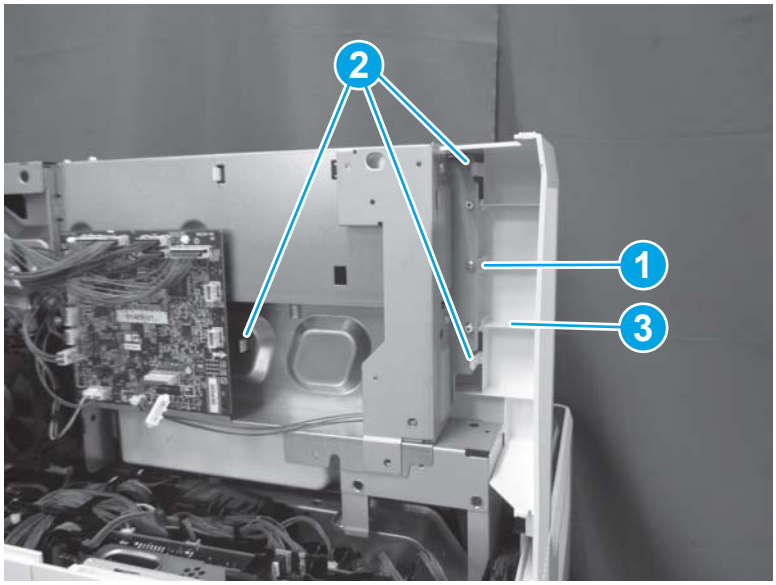


Step 6: Remove the rear inner cover (3-bin stapler/stacker)

▲ Remove one screw (callout 1), release three tabs (callout 2), and then remove the rear inner cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

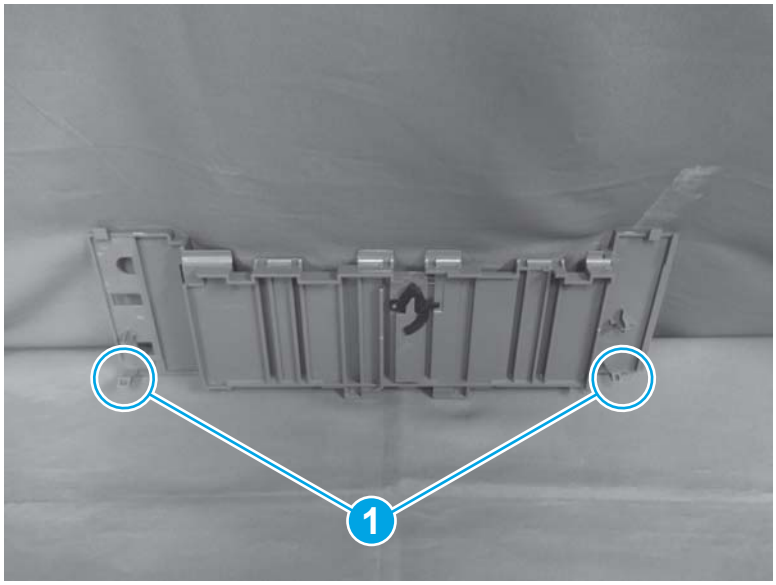
Figure 1-888 Remove the rear inner cover



Step 7: Remove the stacking wall cover (3-bin stapler/stacker)

1. Before removing the stacking wall cover, note the location of the two tabs (callout 1) on the back of the cover.

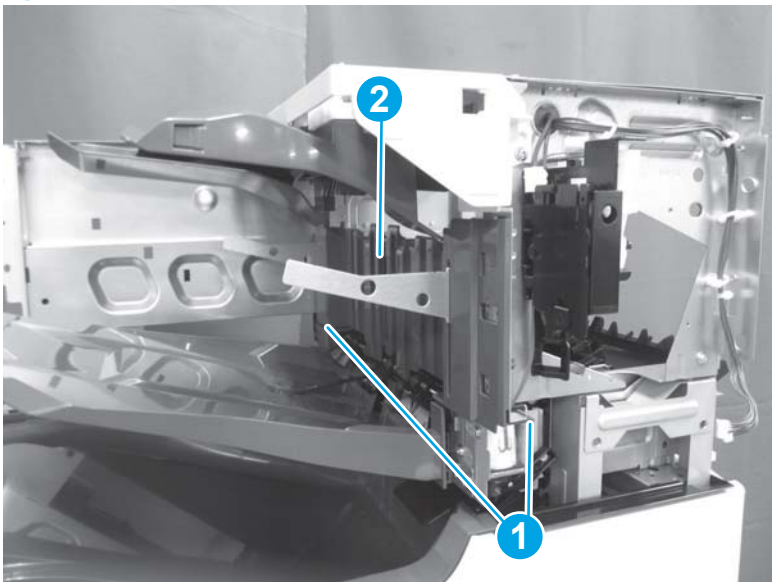
Figure 1-889 Tab locations



2. Release two tabs (callout 1), and then remove the stacking wall cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

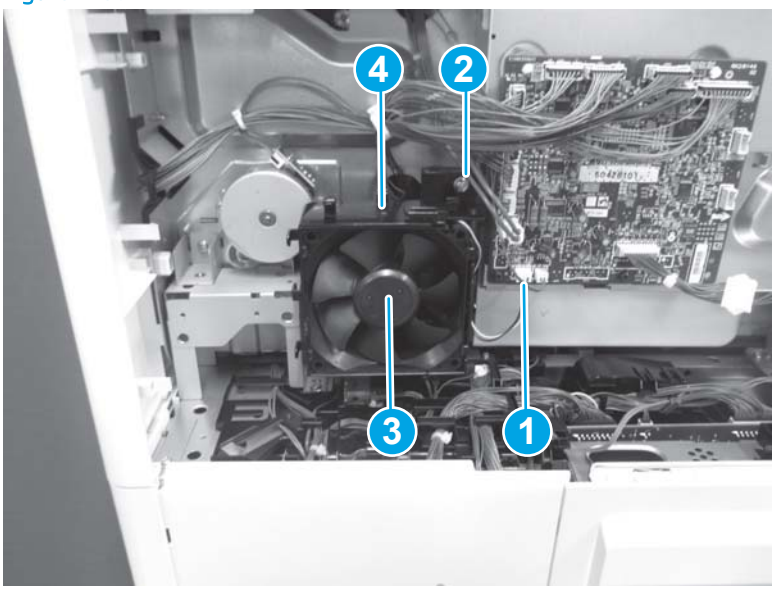
Figure 1-890 Remove the stacking wall cover



Step 8: Remove the fan (3-bin stapler/stacker)

1. Disconnect one connector (callout 1), remove one screw (callout 2), and then remove the fan (callout 3) together with the fan holder (callout 4).

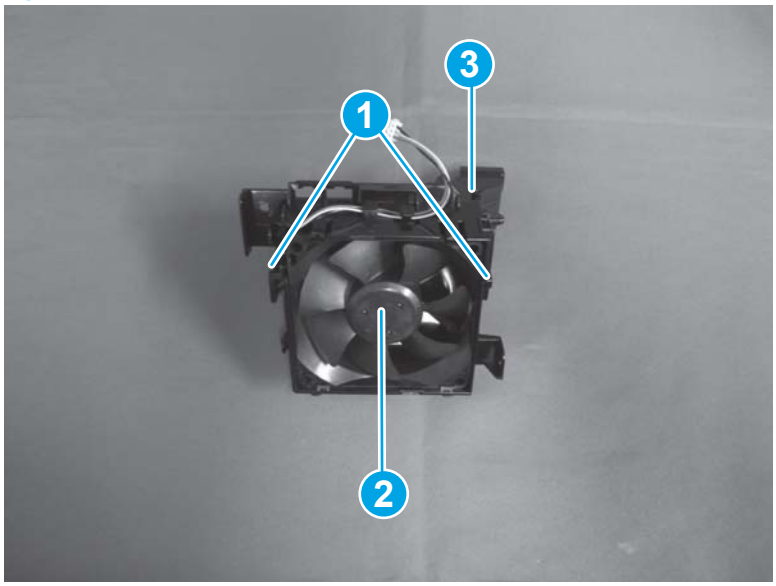
Figure 1-891 Remove the fan holder and fan



2. Release two tabs (callout 1), and then remove the fan (callout 2) from the holder (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-892 Remove the fan

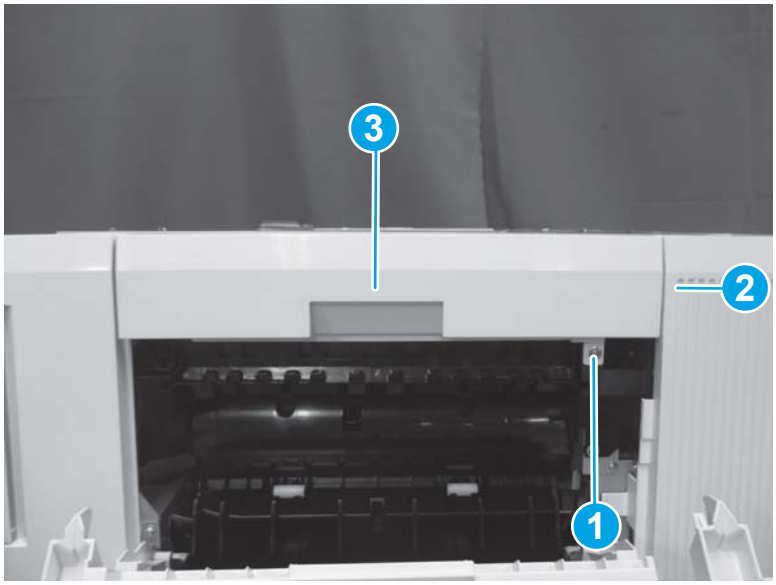


Step 9: Remove the right upper cover (3-bin stapler/stacker)

1. Open the right door.
2. Remove one screw (callout 1), release one tab (callout 2), and then remove the right upper cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-893 Remove the right upper cover

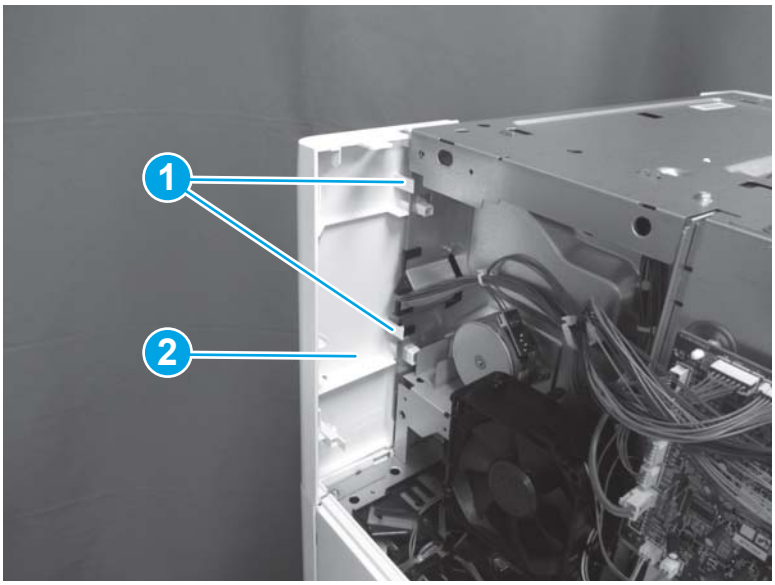


Step 10: Remove the right corner cover (3-bin stapler/stacker)

▲ Release two tabs (callout 1), and then remove the right corner cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

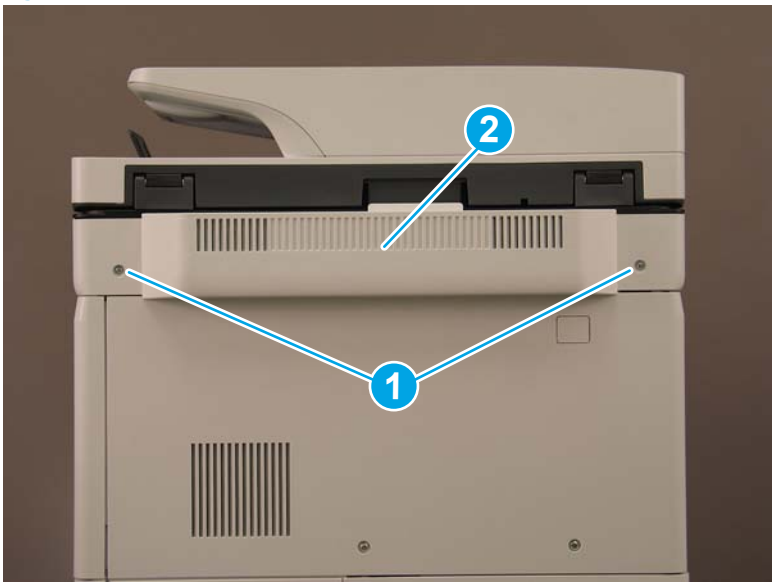
Figure 1-894 Remove the right corner cover



Step 11: Remove the staple rear cover (3-bin stapler/stacker)

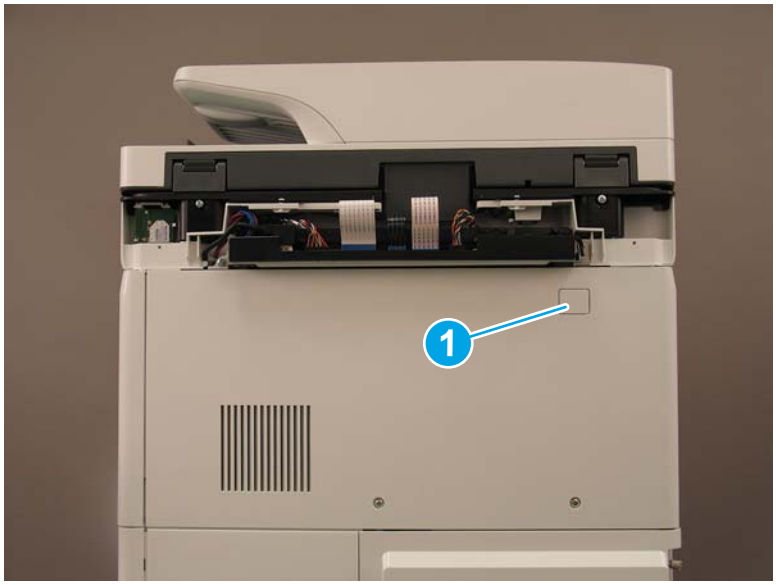
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-895 Remove two screws



2. Remove one screw cover (callout 1).

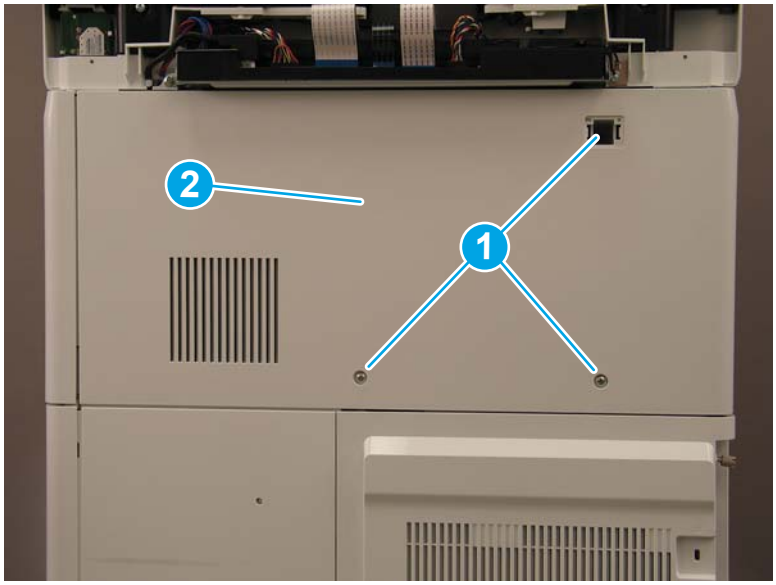
Figure 1-896 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

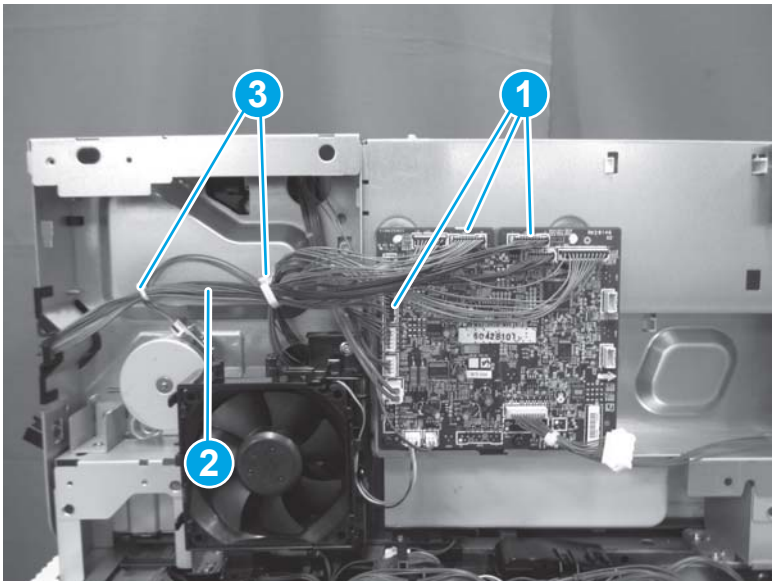
Figure 1-897 Remove three screws and the rear cover



Step 12: Remove the upper feed assembly (3-bin stapler/stacker)

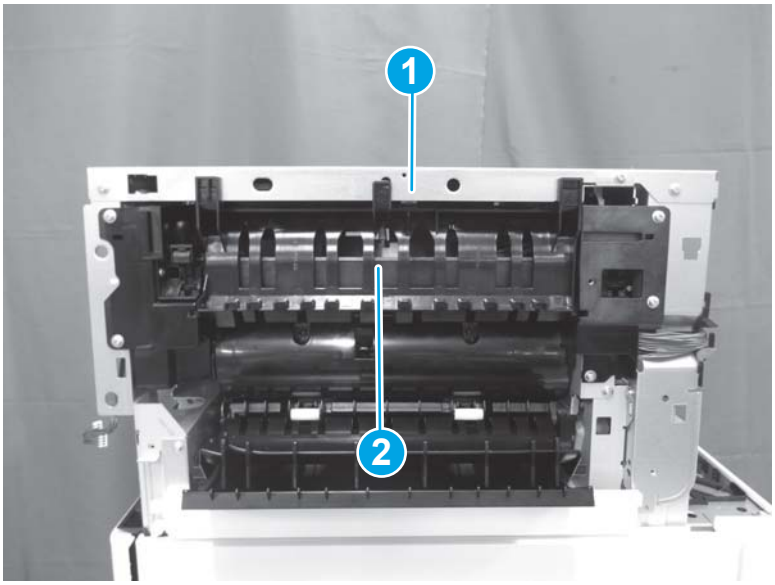
1. At the rear of the 3-bin stapler/stacker, disconnect three connectors (callout 1), and then release the cables (callout 2) from the retainers (callout 3).

Figure 1-898 Disconnect three connectors



2. Release one tab (callout 1), and then remove the guide (callout 2).

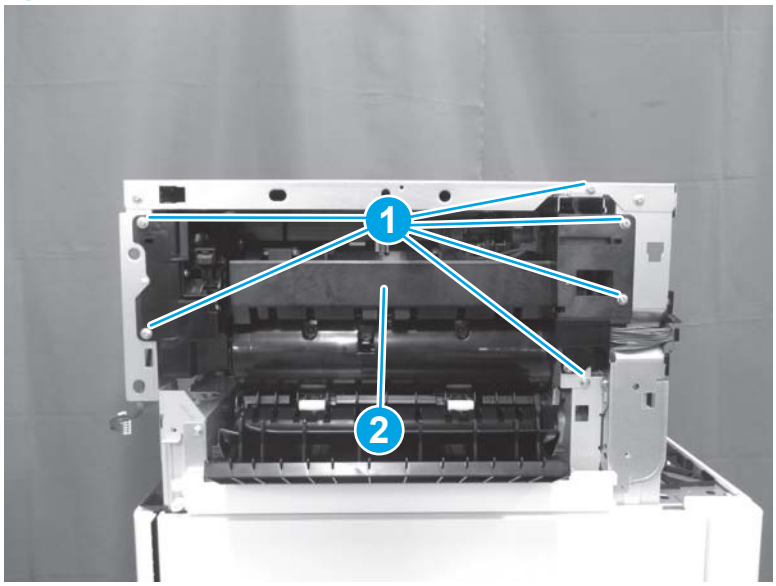
Figure 1-899 Remove the guide



3. Remove six screws (callout 1), and then remove the upper feed assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

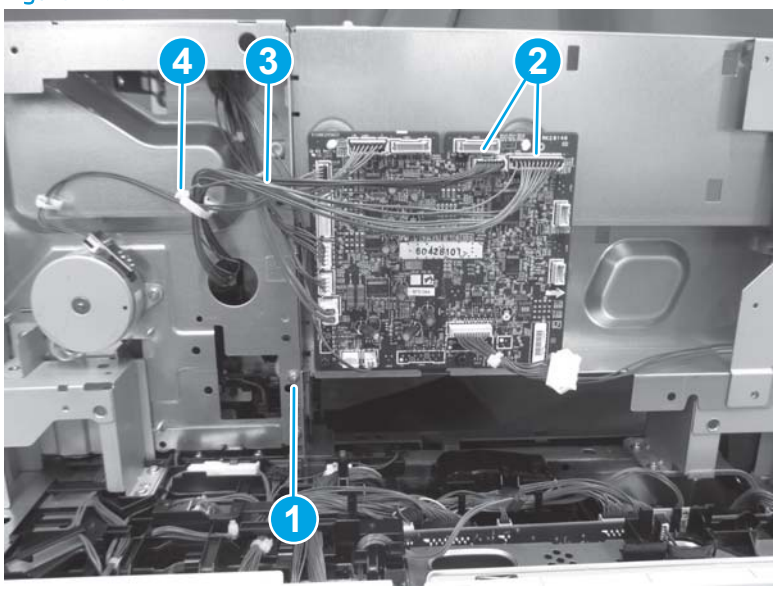
Figure 1-900 Remove the upper feed assembly



Step 13: Remove the lower feed assembly (3-bin stapler/stacker)

1. Remove one screw (callout 1), disconnect two connectors (callout 2), and then release the cable (callout 3) from the retainer (callout 4).

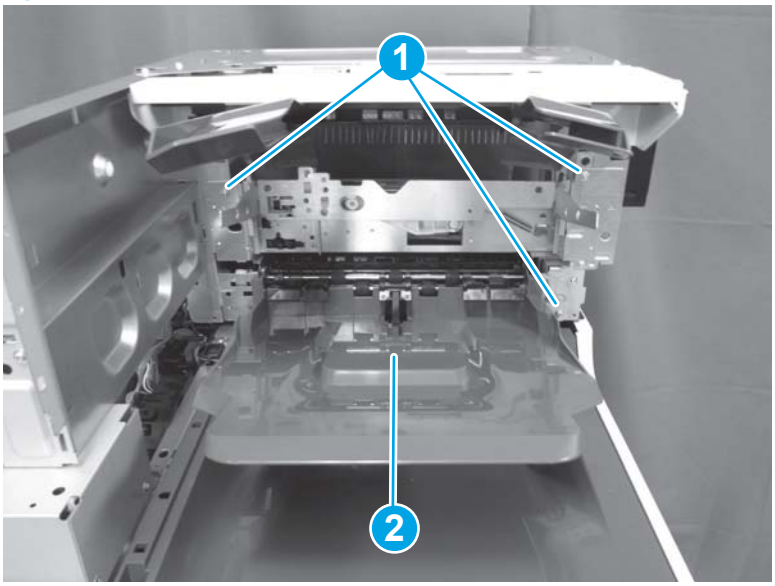
Figure 1-901 Remove one screw and disconnect two connectors



2. Remove three screws (callout 1), and then remove the lower feed assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-902 Remove the lower feed assembly



Step 14: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Solenoid assembly (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the tray assembly (3-bin stapler/stacker)
- Step 2: Remove the staple cover (3-bin stapler/stacker)
- Step 3: Remove the jogger cover (3-bin stapler/stacker)
- Step 4: Remove the rear cover (3-bin stapler/stacker)
- Step 5: Remove the rear inner cover (3-bin stapler/stacker)
- Step 6: Remove the stacking wall cover (3-bin stapler/stacker)
- Step 7: Remove the solenoid assembly (3-bin stapler/stacker)
- Step 8: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the solenoid assembly on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Solenoid assembly (3-bin stapler/stacker) part number	
RM2-1040-000CN	Solenoid assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

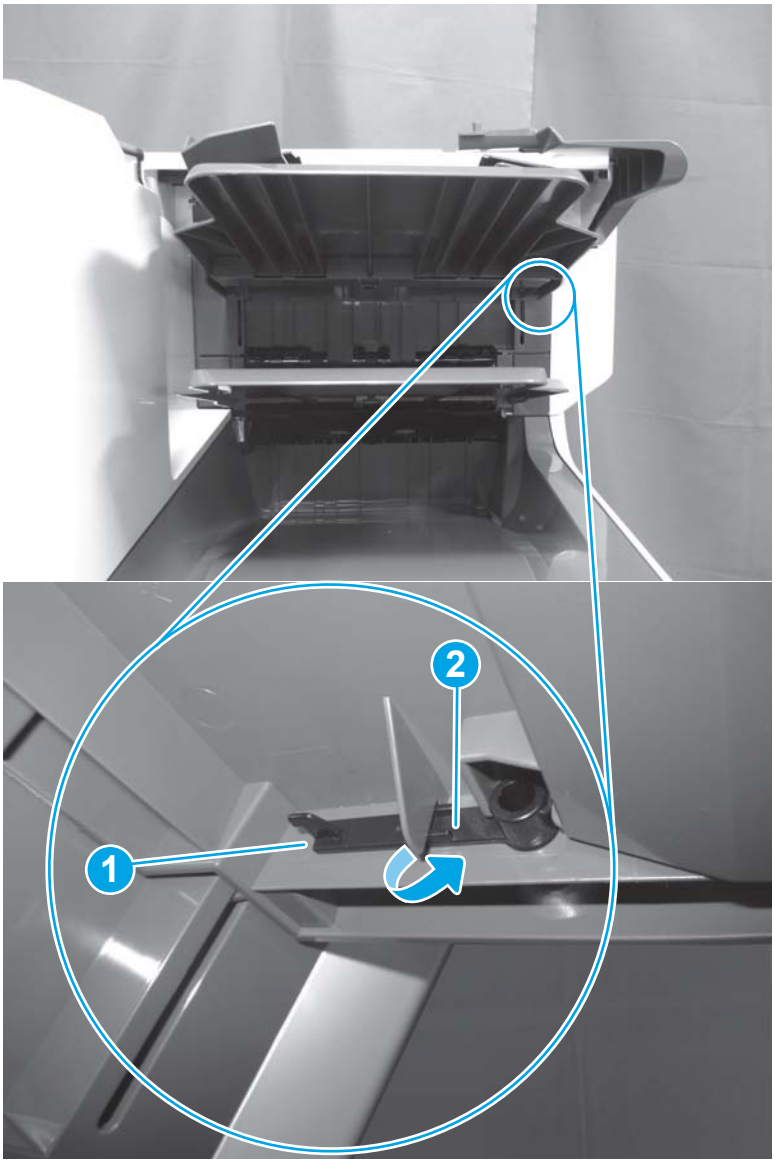
Post service test

No post service test is available for this assembly.

Step 1: Remove the tray assembly (3-bin stapler/stacker)

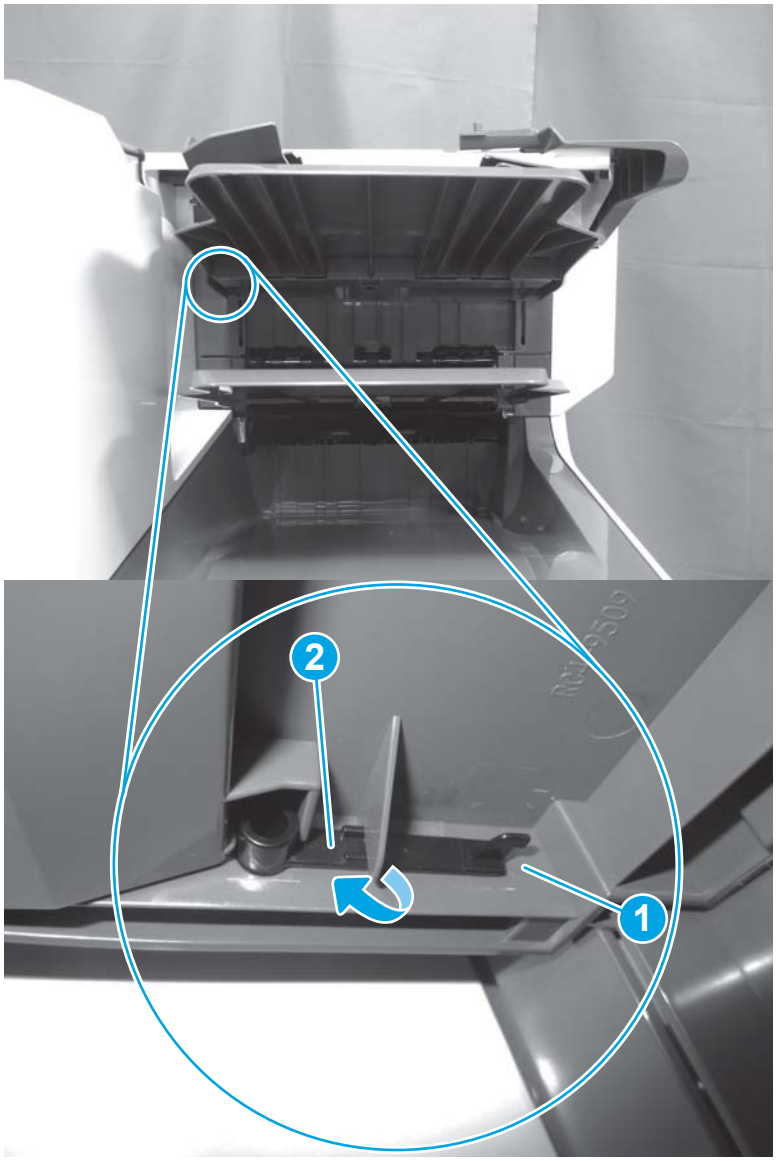
1. Release one boss (callout 1), rotate the front locking pin (callout 2) down to release it, and then remove the locking pin.

Figure 1-903 Remove the front locking pin



2. Release one boss (callout 1), rotate the rear locking pin (callout 2) down to release it, and then remove the locking pin.

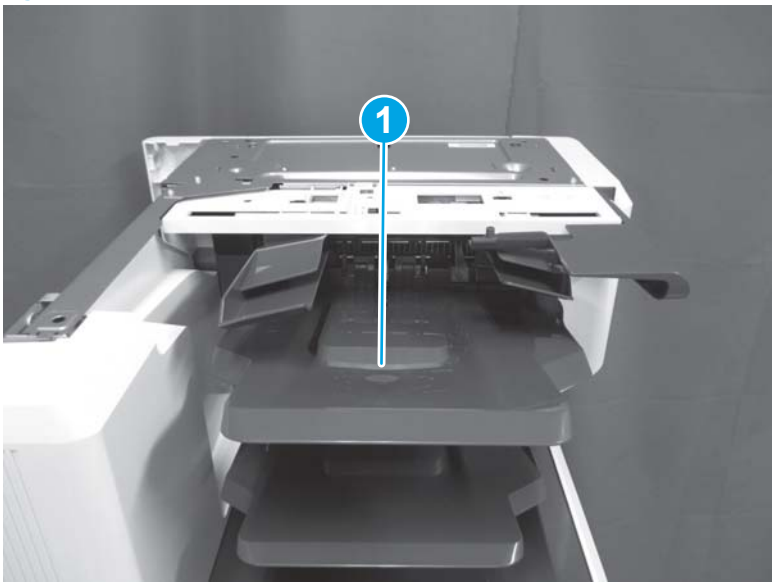
Figure 1-904 Remove the rear locking pin



3. Lift the tray assembly (callout 1) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-905 Remove the tray assembly



Step 2: Remove the staple cover (3-bin stapler/stacker)

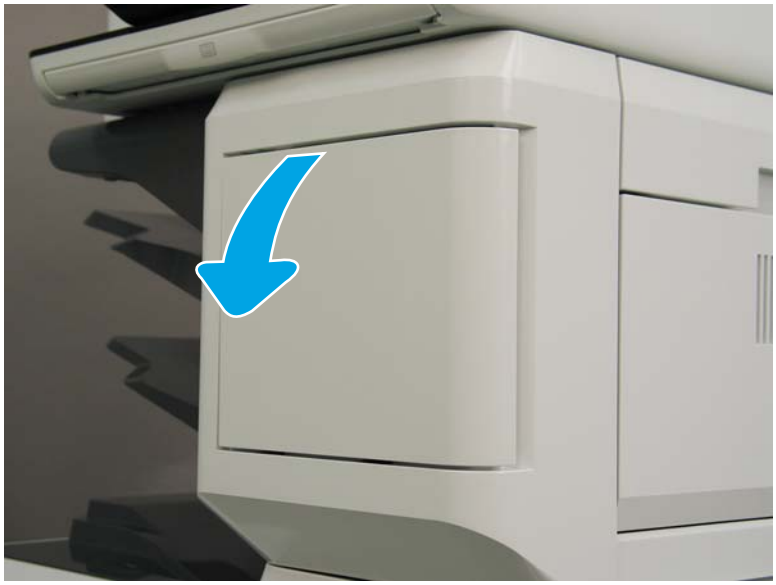
1. Open the front door.

Figure 1-906 Open the front door



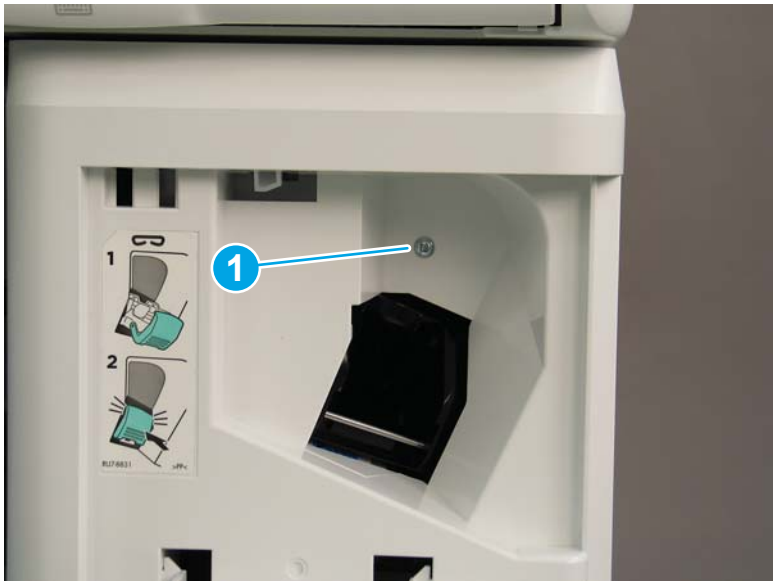
2. Open the stapler door.

Figure 1-907 Open the stapler door



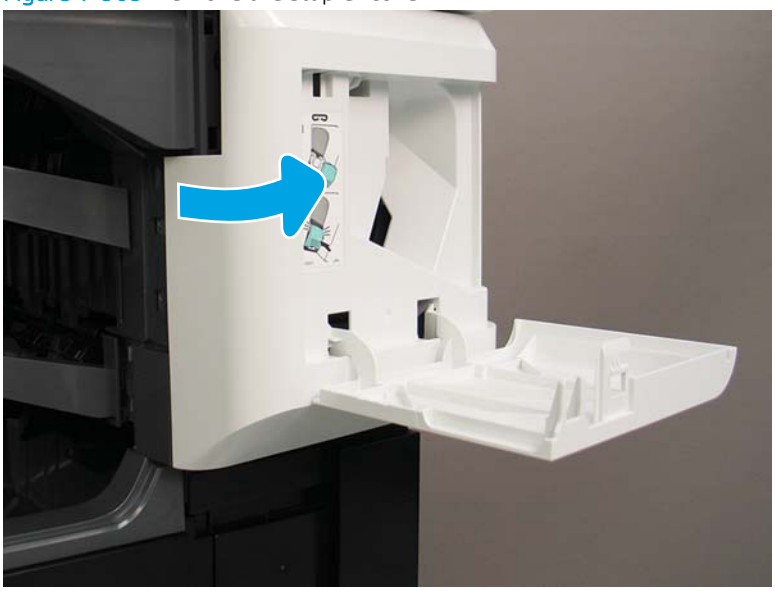
3. Remove one screw (callout 1).

Figure 1-908 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-909 Remove the stapler cover.



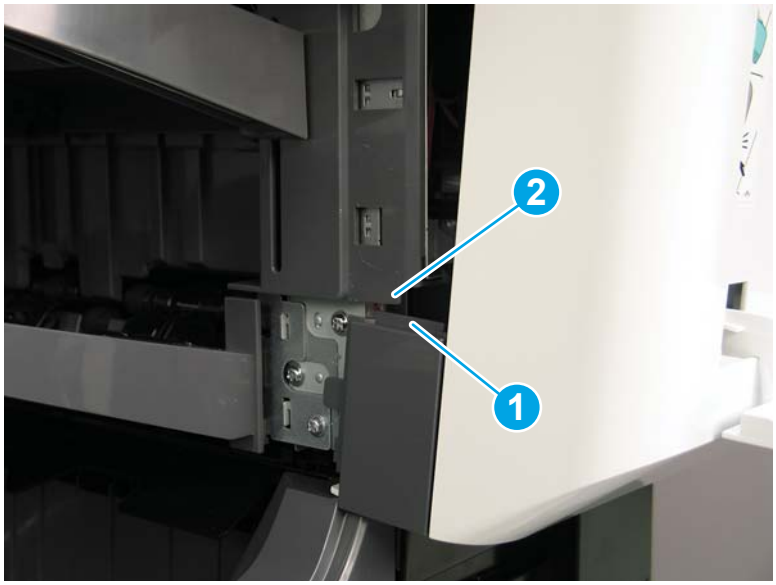
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

▲ When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-910 Position the tab



Step 3: Remove the jogger cover (3-bin stapler/stacker)

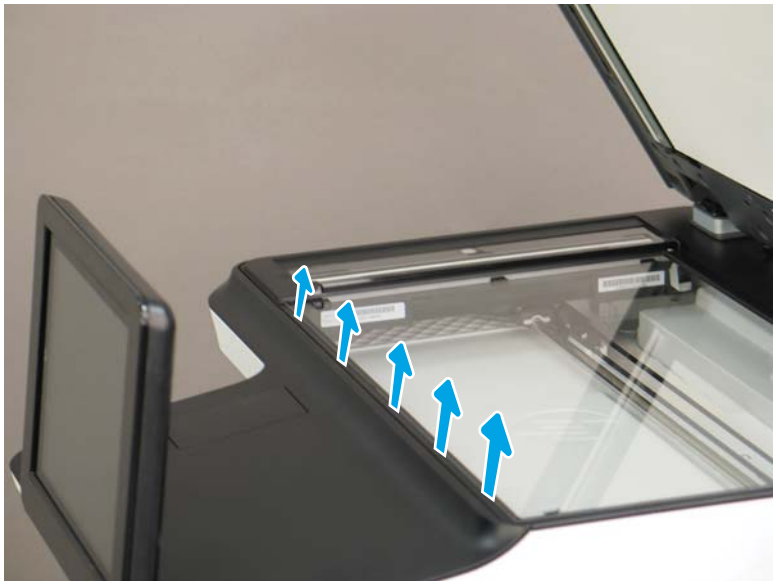
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-911 Tilt the control panel and open the document feeder



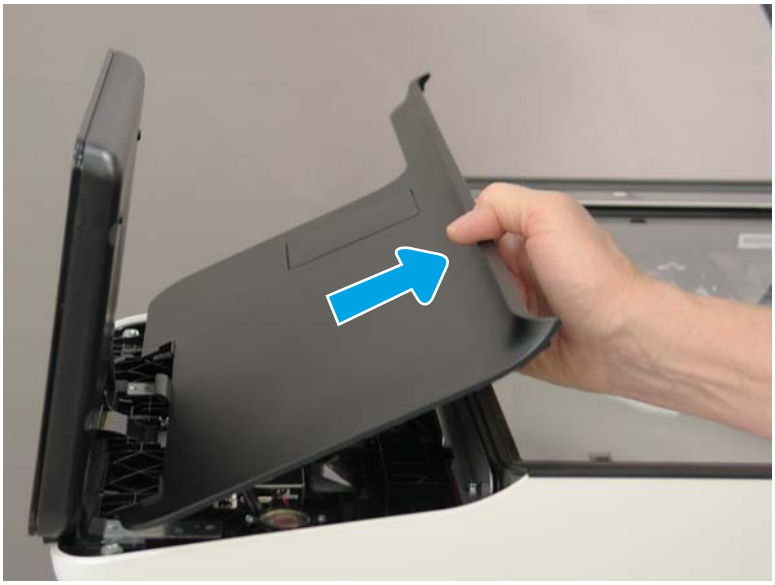
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-912 Release fiv tabs



3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

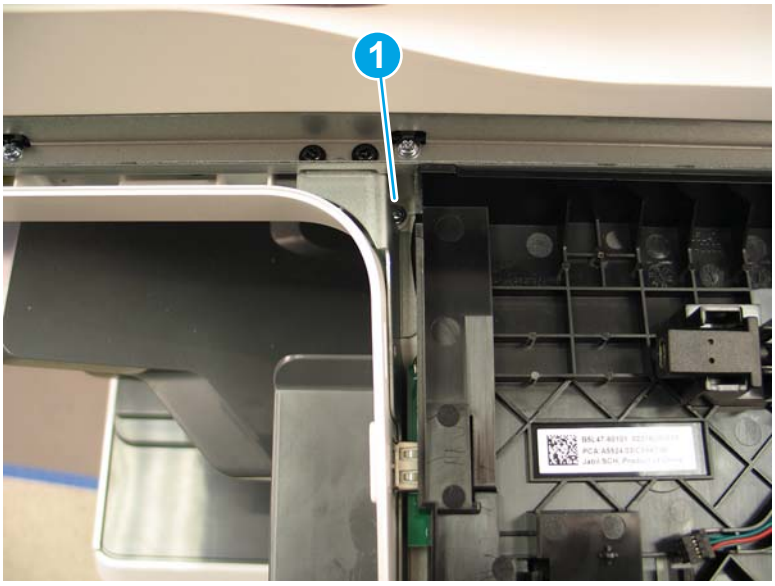
Figure 1-913 Remove the cover



4. Use a thin-shaft, magnetized screwdriver to remove one screw (callout 1).

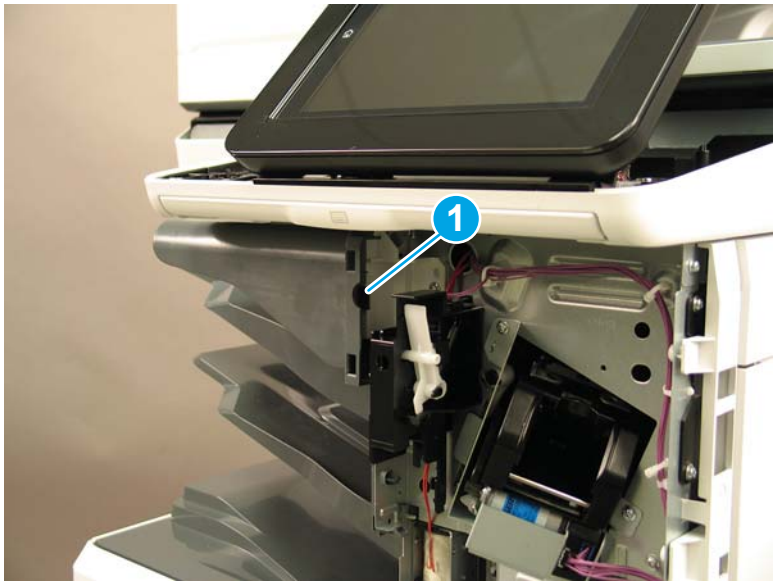
TIP: If necessary, remove the control panel to gain better access to this screw.

Figure 1-914 Remove one screw



5. Release one tab (callout 1).

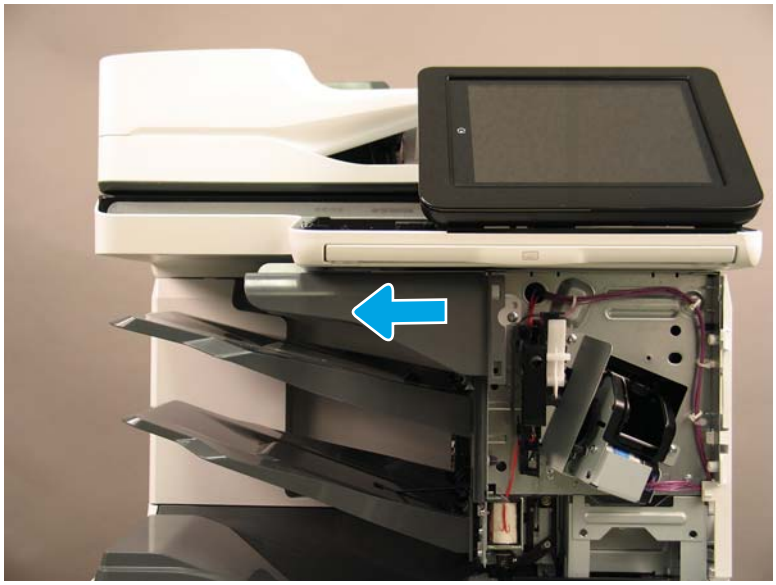
Figure 1-915 Release one tab



6. Slide the jogger cover to the left to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

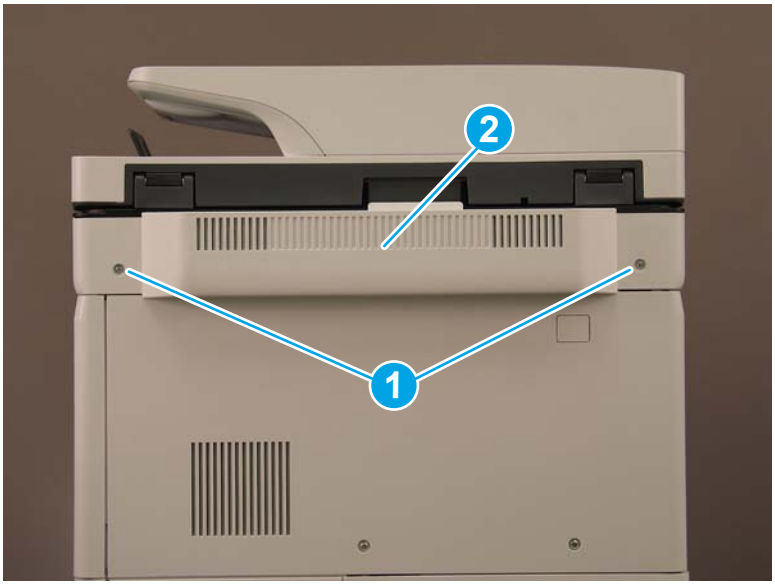
Figure 1-916 Remove the jogger cover



Step 4: Remove the rear cover (3-bin stapler/stacker)

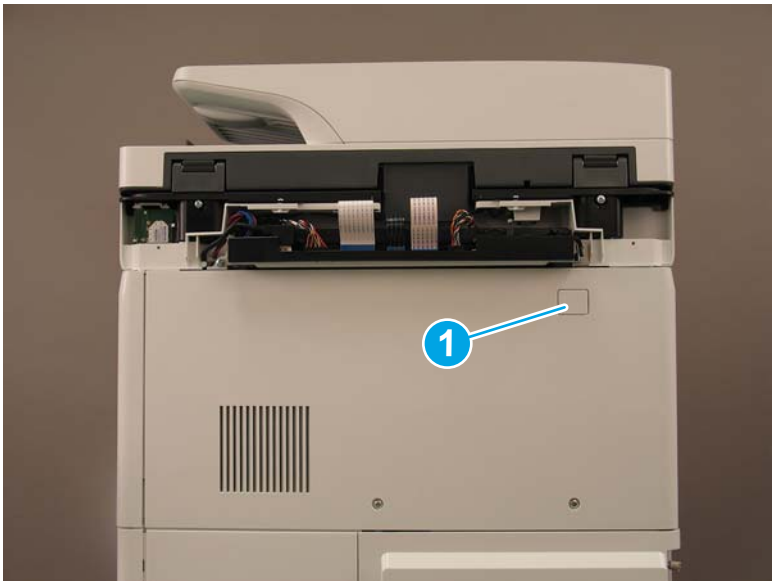
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-917 Remove two screws



2. Remove one screw cover (callout 1).

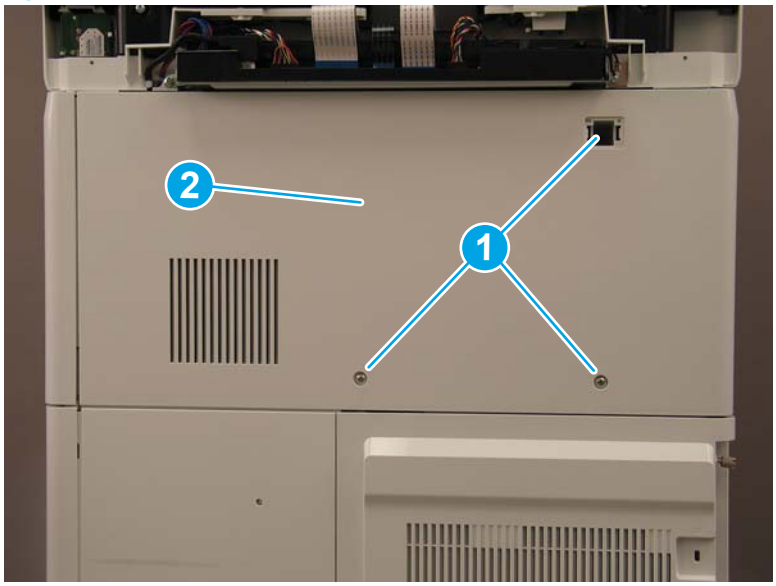
Figure 1-918 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-919 Remove three screws and the rear cover

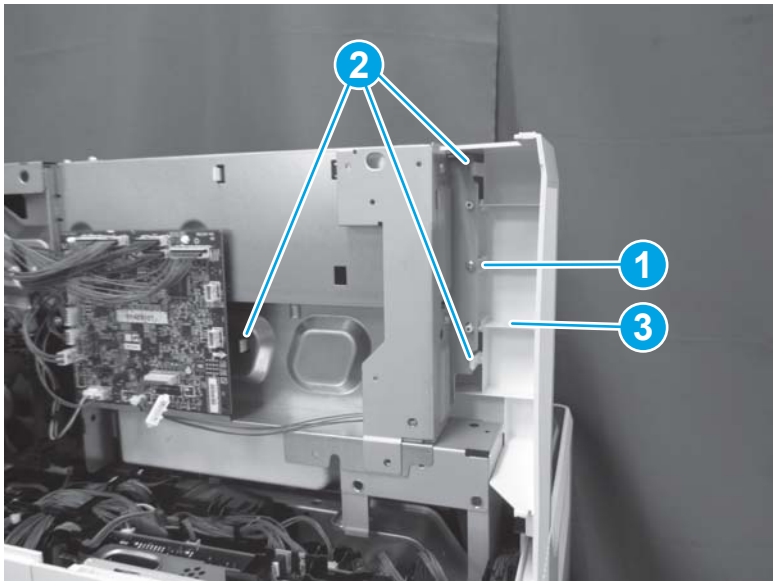


Step 5: Remove the rear inner cover (3-bin stapler/stacker)

▲ Remove one screw (callout 1), release three tabs (callout 2), and then remove the rear inner cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

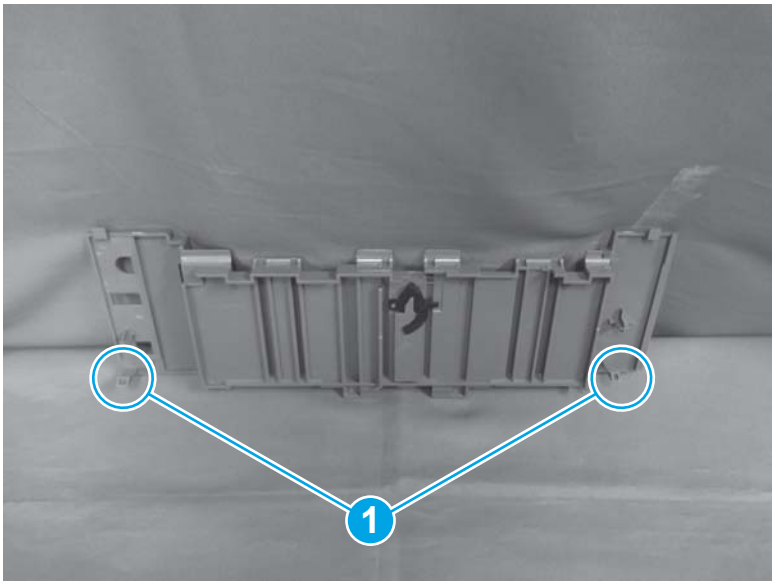
Figure 1-920 Remove the rear inner cover



Step 6: Remove the stacking wall cover (3-bin stapler/stacker)

1. Before removing the stacking wall cover, note the location of the two tabs (callout 1) on the back of the cover.

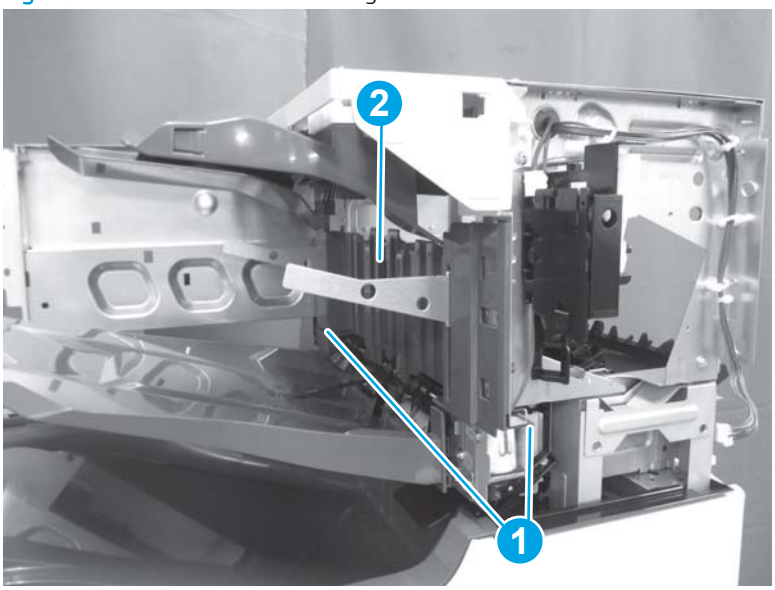
Figure 1-921 Tab locations



2. Release two tabs (callout 1), and then remove the stacking wall cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

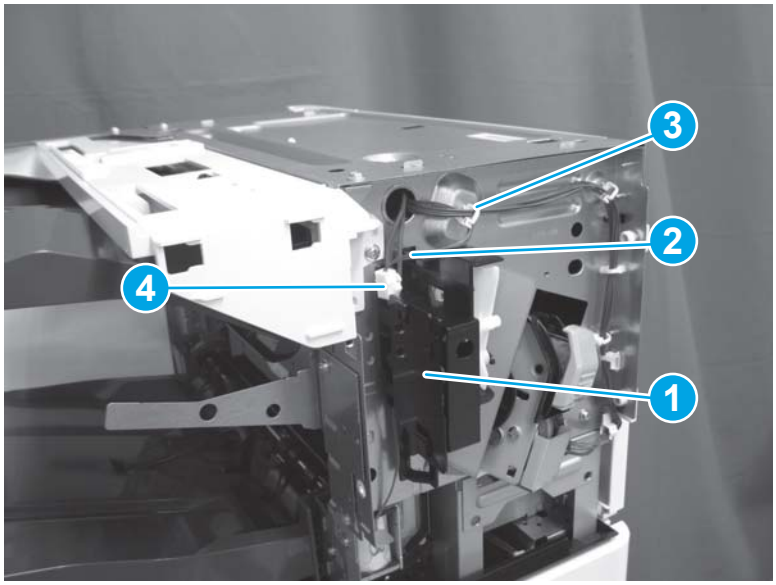
Figure 1-922 Remove the stacking wall cover



Step 7: Remove the solenoid assembly (3-bin stapler/stacker)

1. Remove one cover (callout 1), release the cables (callout 2) from the retainer (callout 3), and then disconnect one connector (callout 4).

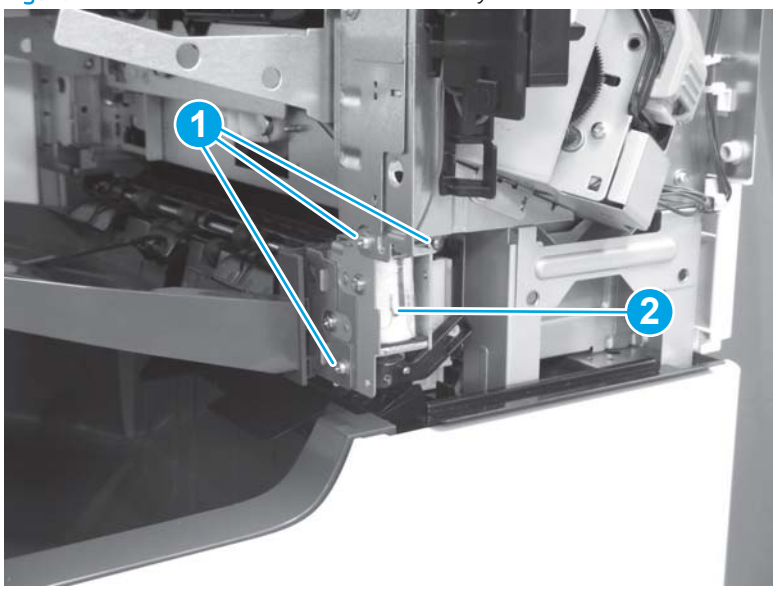
Figure 1-923 Remove one cover and disconnect one connector



2. Remove three screws (callout 1), and then remove the solenoid assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-924 Remove the solenoid assembly



Step 8: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Microswitch (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the tray assembly (3-bin stapler/stacker)
- Step 2: Remove the staple cover (3-bin stapler/stacker)
- Step 3: Remove the jogger cover (3-bin stapler/stacker)
- Step 4: Remove the microswitch (3-bin stapler/stacker)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the microswitch on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Microswitch (3-bin stapler/stacker) part number	
WC4-5171-000CN	Microswitch

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

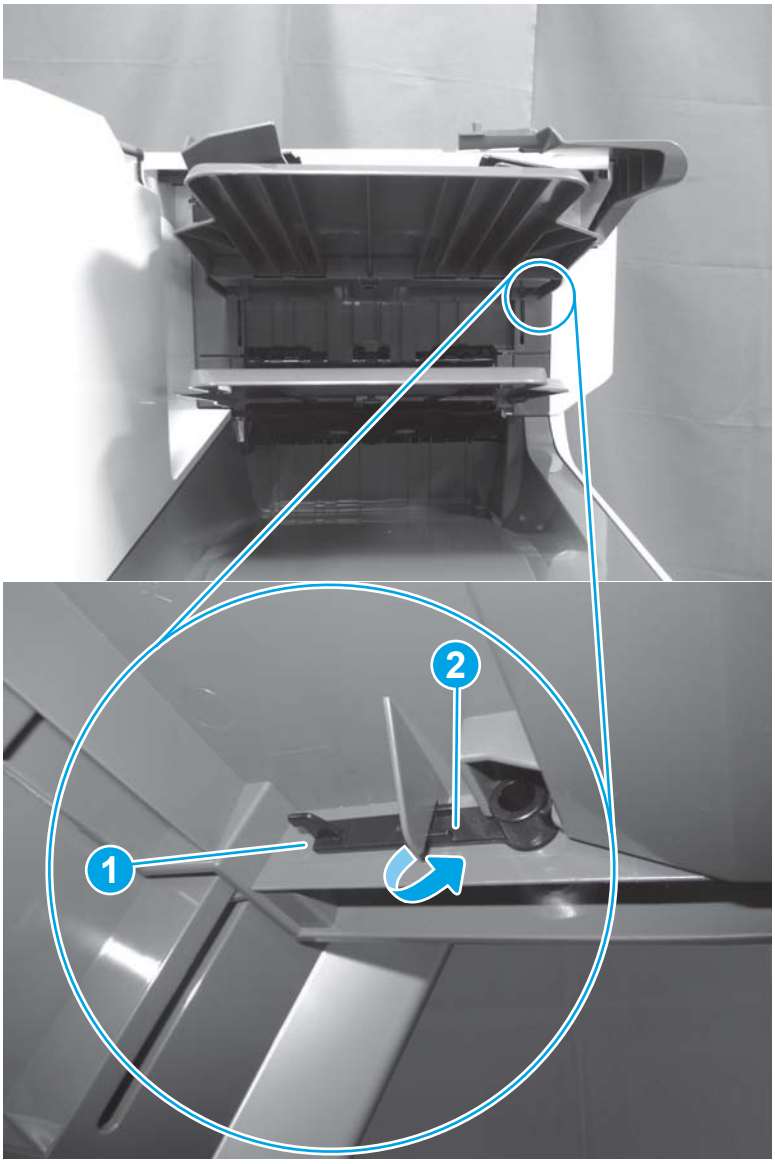
Post service test

No post service test is available for this assembly.

Step 1: Remove the tray assembly (3-bin stapler/stacker)

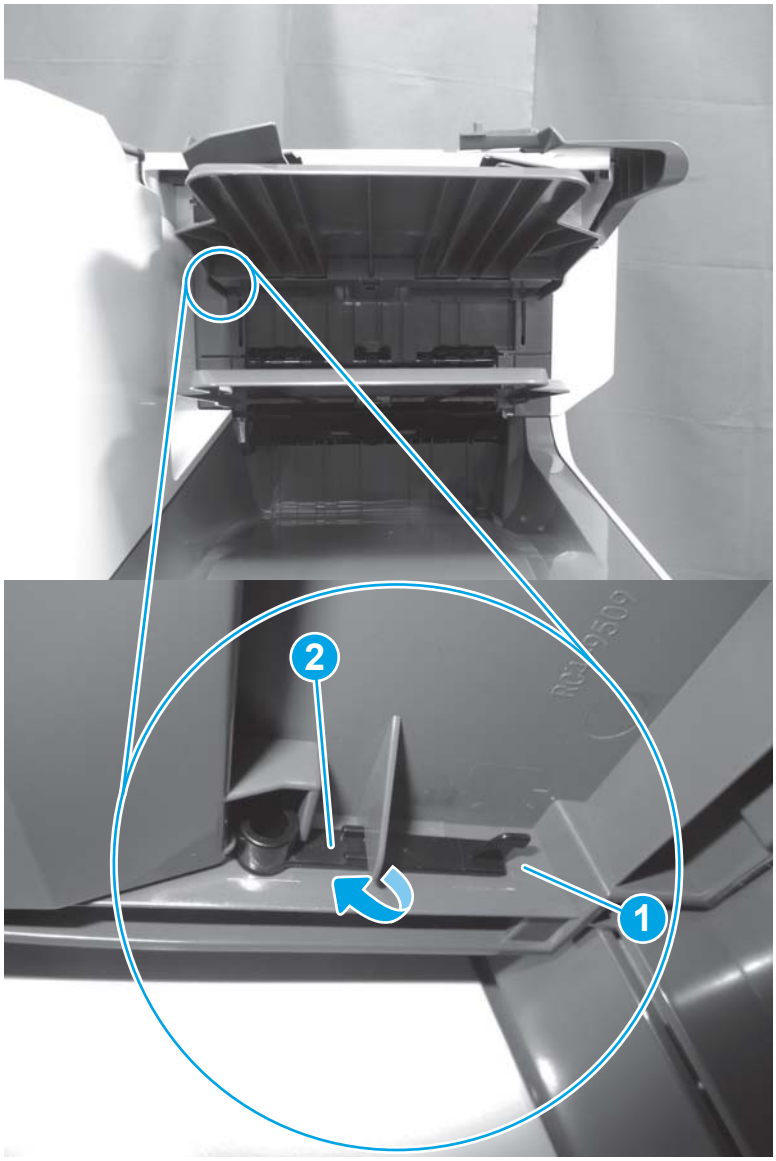
1. Release one boss (callout 1), rotate the front locking pin (callout 2) down to release it, and then remove the locking pin.

Figure 1-925 Remove the front locking pin



2. Release one boss (callout 1), rotate the rear locking pin (callout 2) down to release it, and then remove the locking pin.

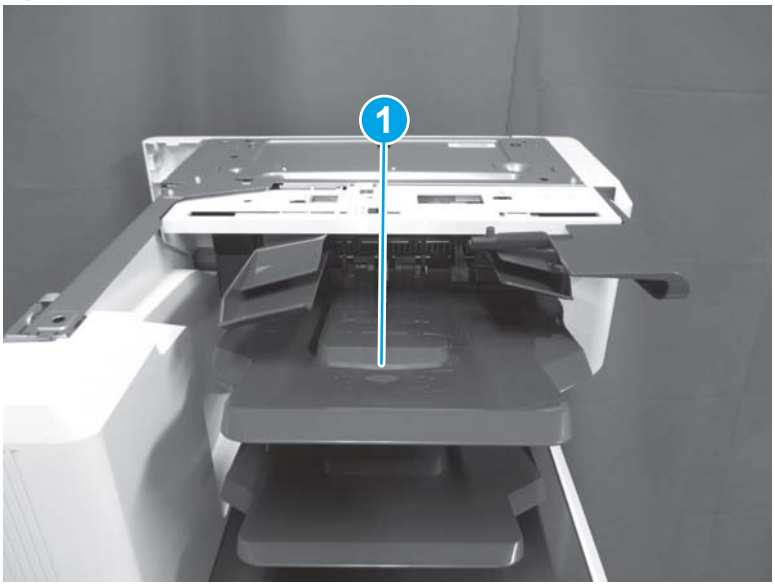
Figure 1-926 Remove the rear locking pin



3. Lift the tray assembly (callout 1) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-927 Remove the tray assembly



Step 2: Remove the staple cover (3-bin stapler/stacker)

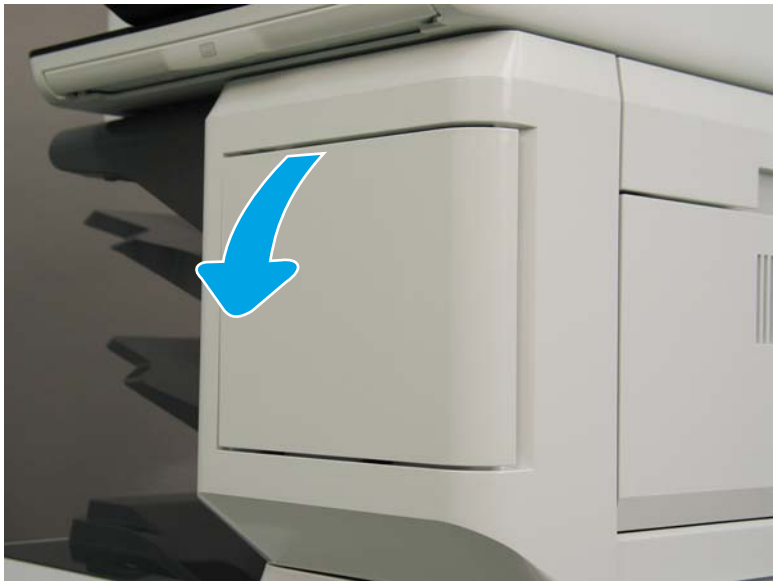
1. Open the front door.

Figure 1-928 Open the front door



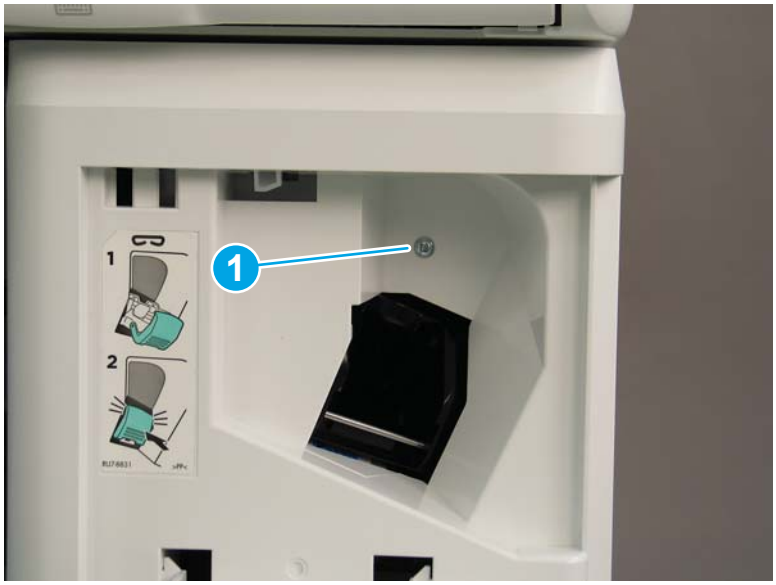
2. Open the stapler door.

Figure 1-929 Open the stapler door



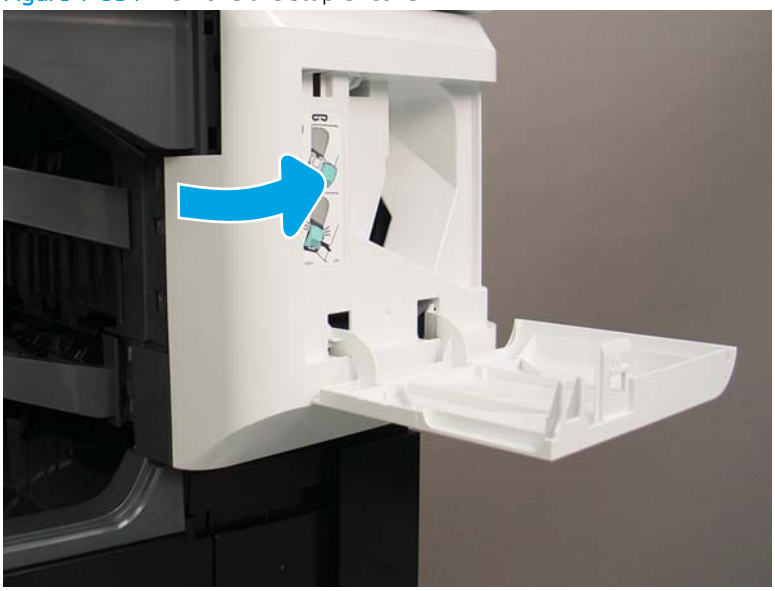
3. Remove one screw (callout 1).

Figure 1-930 Remove one screw



4. Release one tab on the left side of the cover, and then rotate it away from the printer to remove it.

Figure 1-931 Remove the stapler cover.



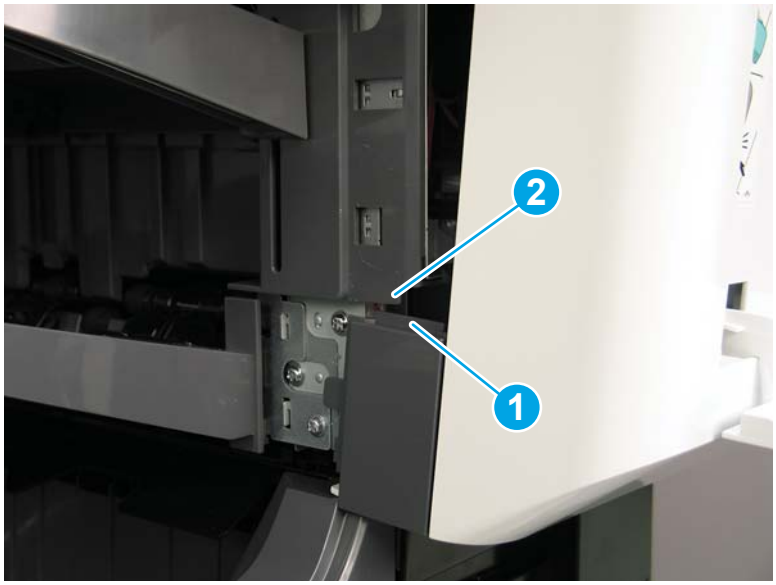
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Stapler cover

▲ When reinstalling the stapler cover, position the tab on the cover (callout 1) behind the edge of the cover (callout 2) on the printer.

Figure 1-932 Position the tab



Step 3: Remove the jogger cover (3-bin stapler/stacker)

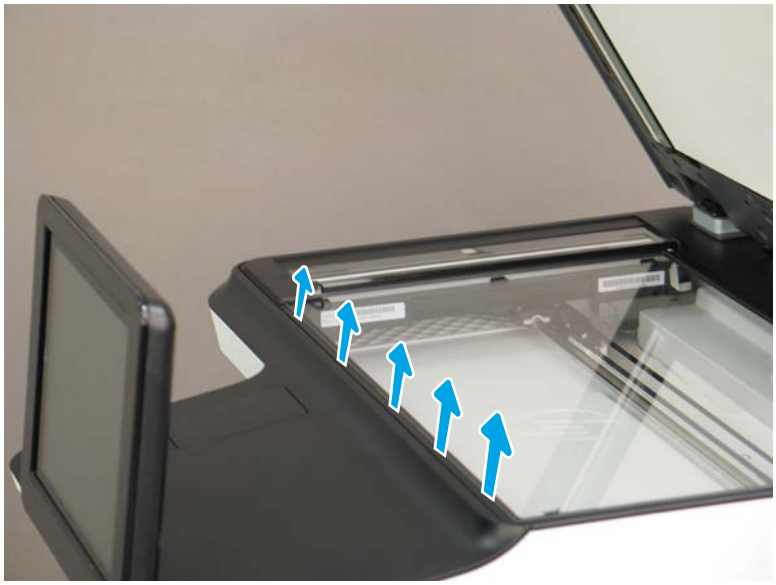
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-933 Tilt the control panel and open the document feeder



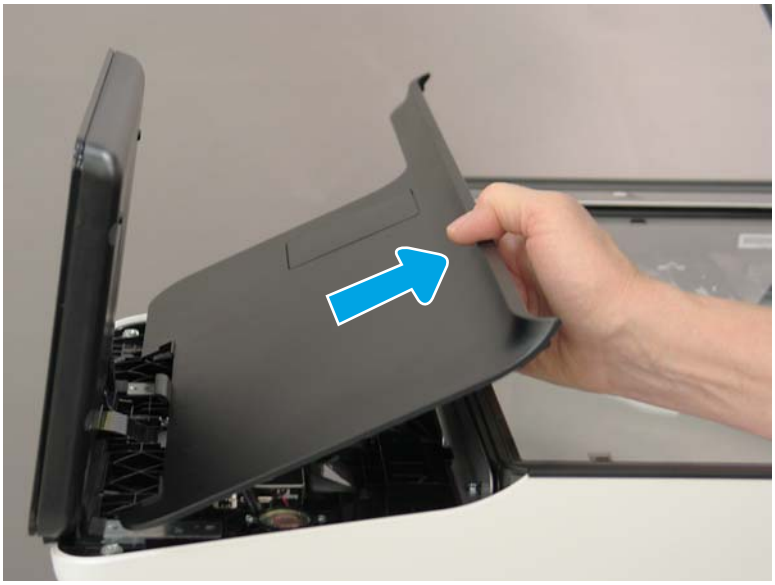
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-934 Release fiv tabs



3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

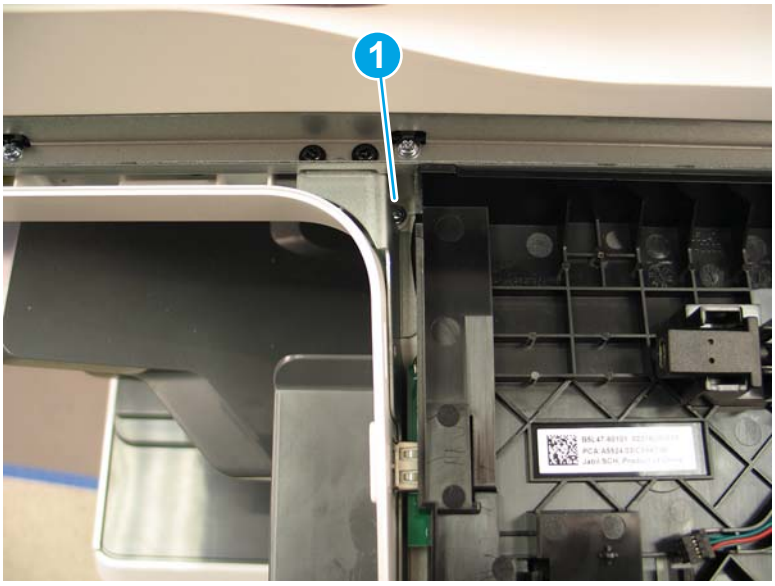
Figure 1-935 Remove the cover



4. Use a thin-shaft, magnetized screwdriver to remove one screw (callout 1).

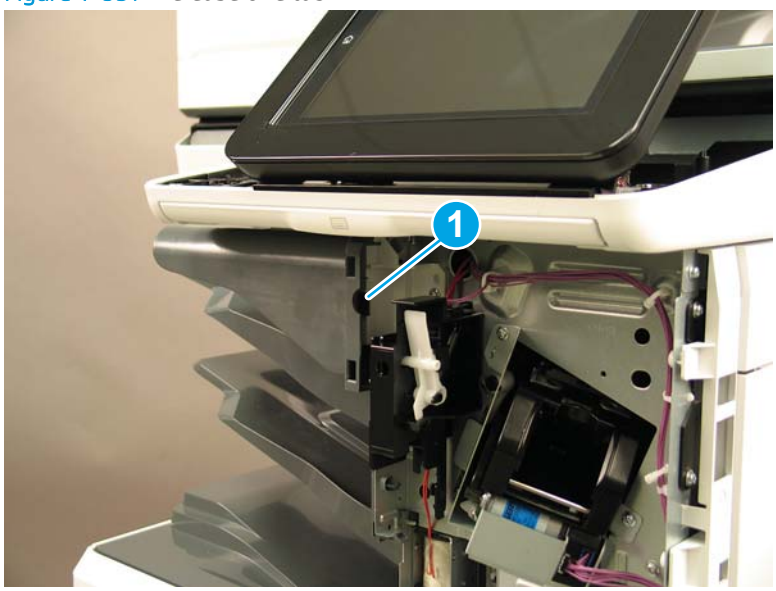
TIP: If necessary, remove the control panel to gain better access to this screw.

Figure 1-936 Remove one screw



5. Release one tab (callout 1).

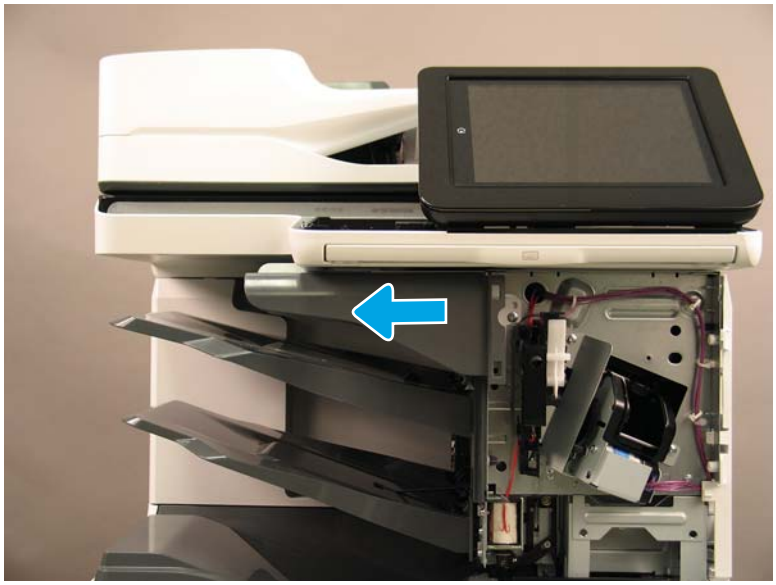
Figure 1-937 Release one tab



6. Slide the jogger cover to the left to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

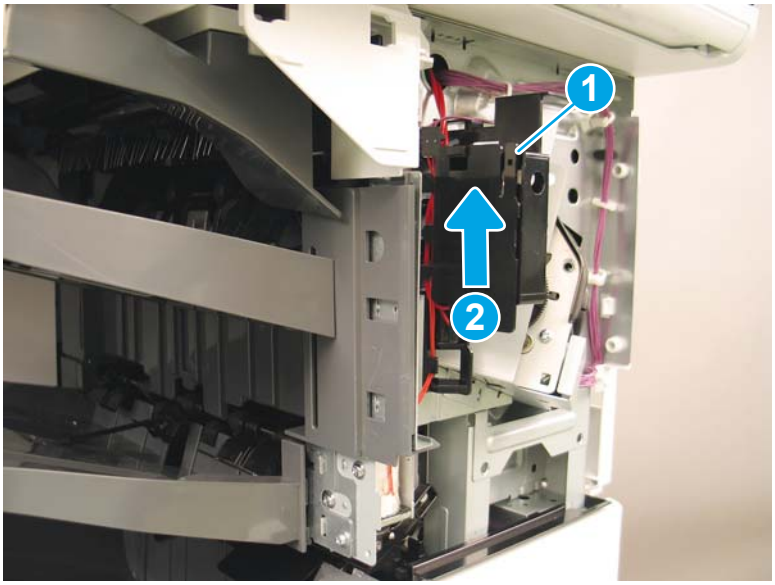
Figure 1-938 Remove the jogger cover



Step 4: Remove the microswitch (3-bin stapler/stacker)

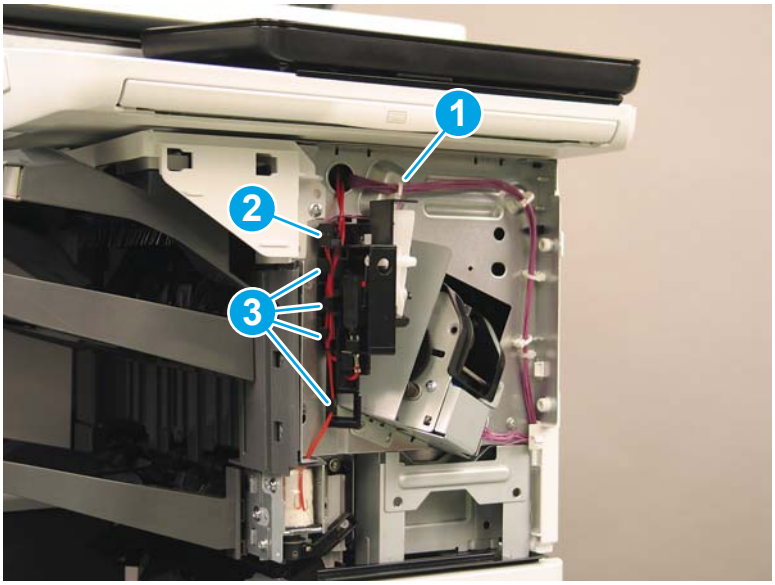
1. Release one tab (callout 1), and then slide the cover up (callout 2) to remove it.

Figure 1-939 Remove one cover



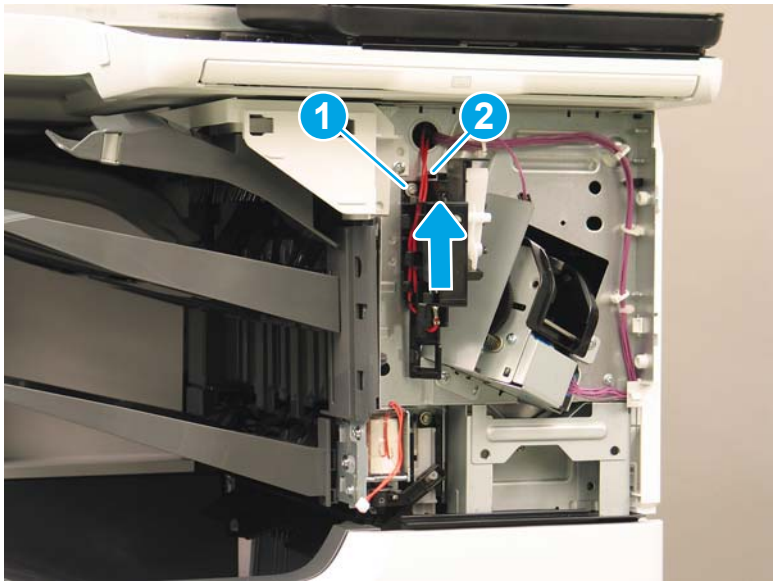
2. Release one retainer (callout 1), disconnect one connector (callout 2), and then release the wire harness from the guides (callout 3).

Figure 1-940 Disconnect one connector



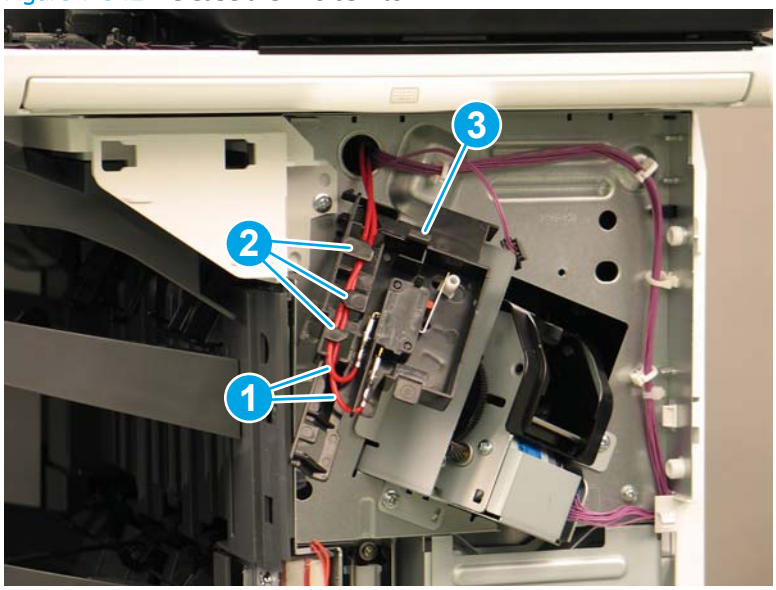
3. Remove one screw (callout 1), release one tab (callout 2), and then slide the guide up (callout 3) to release it from the sheet-metal frame.

Figure 1-941 Release the guide



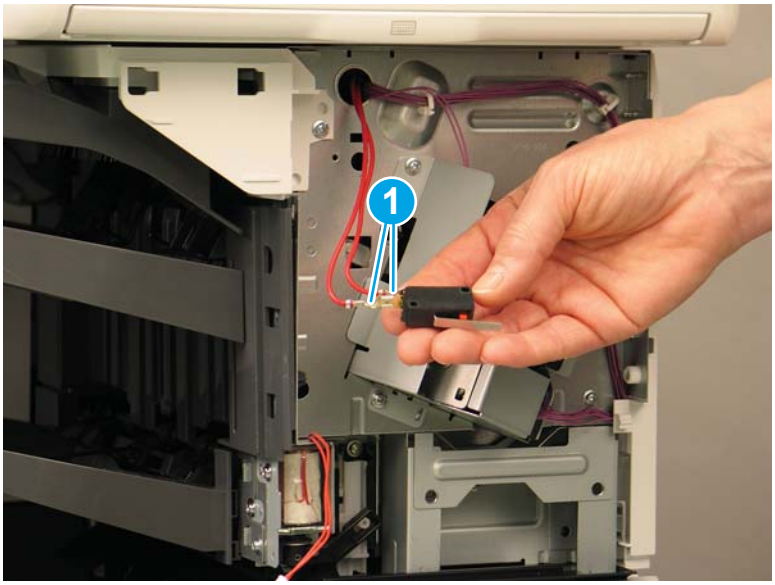
4. Release the cables (callout 1) from the guides (callout 2), and then release one tab (callout 3) to release the microswitch from the guide.

Figure 1-942 Release the microswitch



5. Disconnect two connectors (callout 1).

Figure 1-943 Disconnect two connectors



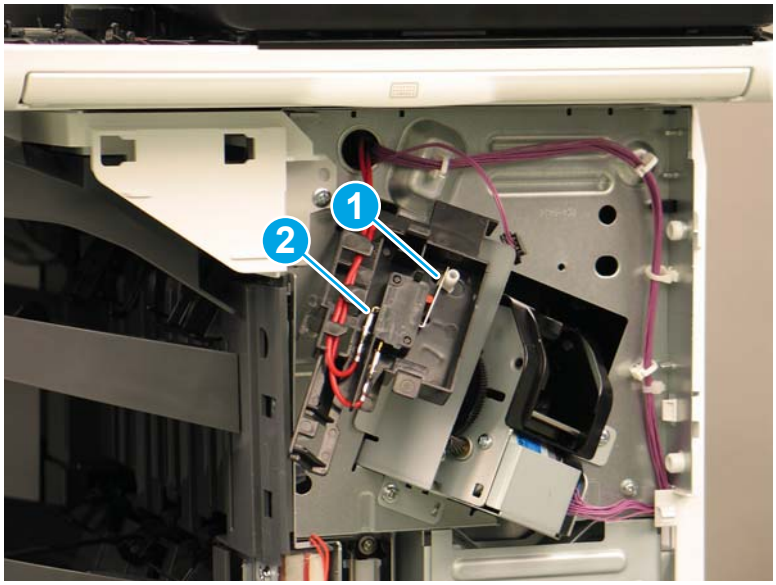
6. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Microswitch (3-bin stapler/stacker)

▲ When reinstalling the microswitch, make sure that the silver arm (callout 1) is positioned correctly against the white shaft. Also, make sure that the shorter cable (callout 2) is connected to the upper connector.

Figure 1-944 Check the silver arm and connector



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Feed motor (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the rear cover (3-bin stapler/stacker)
- Step 2: Remove the fan (3-bin stapler/stacker)
- Step 3: Remove the feed motor (3-bin stapler/stacker)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the feed motor on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Feed motor (3-bin stapler/stacker) part number	
RK2-8149-000CN	Motor, stepping, DC

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

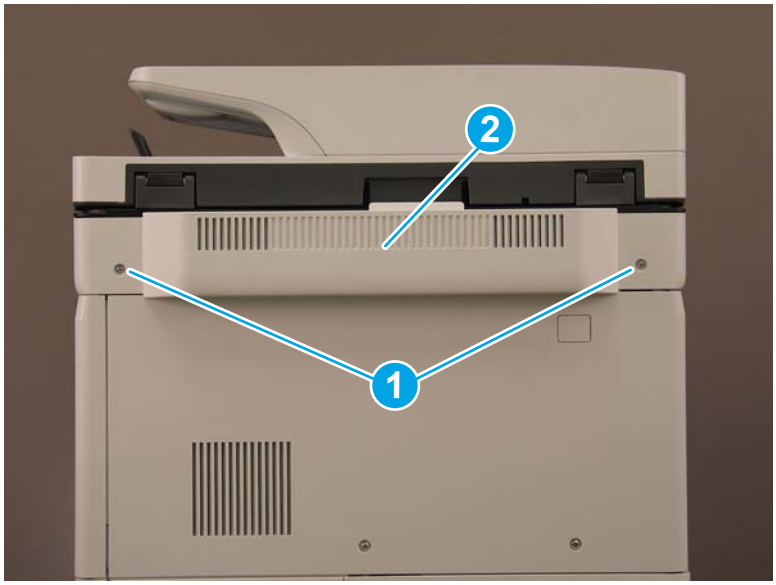
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3-bin stapler/stacker)

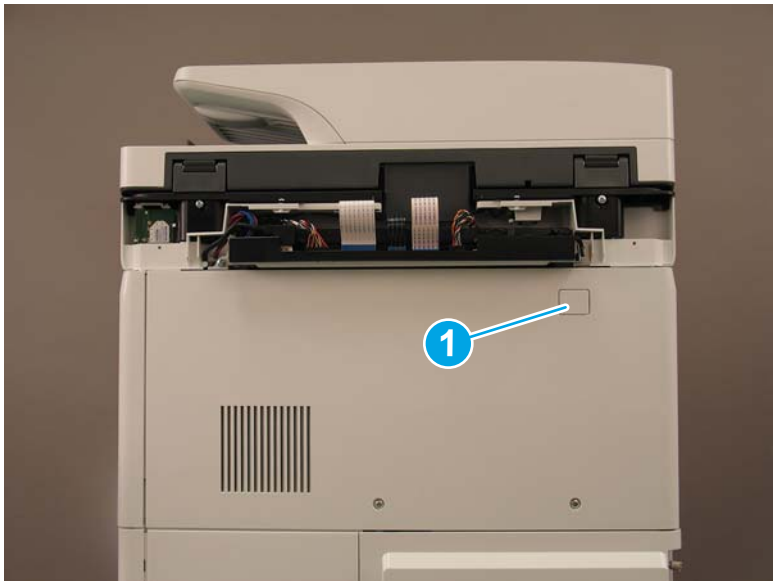
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-945 Remove two screws



2. Remove one screw cover (callout 1).

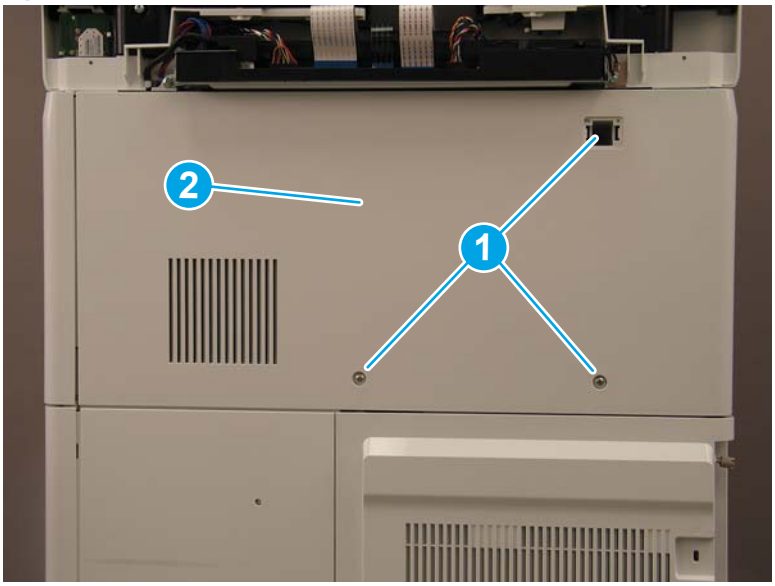
Figure 1-946 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

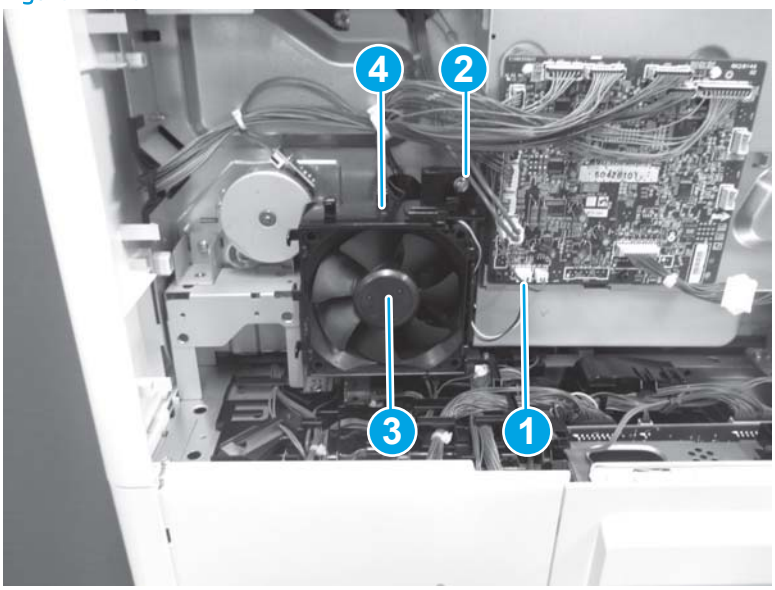
Figure 1-947 Remove three screws and the rear cover



Step 2: Remove the fan (3-bin stapler/stacker)

1. Disconnect one connector (callout 1), remove one screw (callout 2), and then remove the fan (callout 3) together with the fan holder (callout 4).

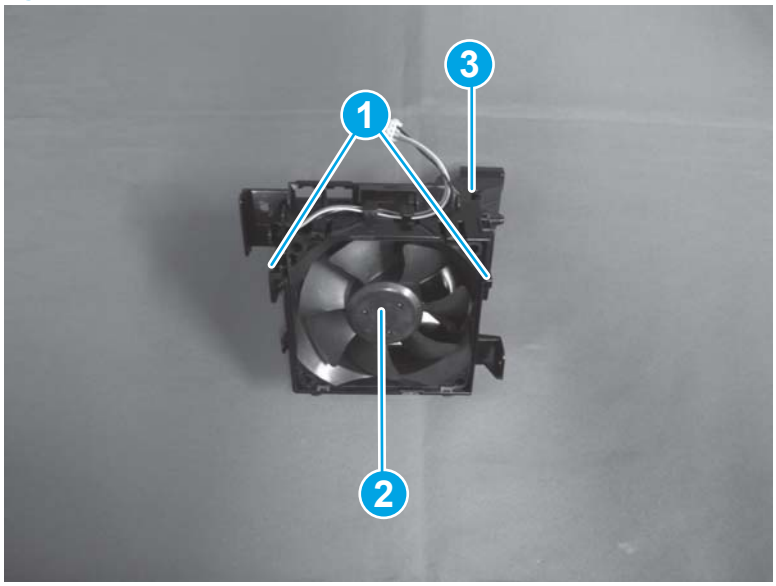
Figure 1-948 Remove the fan holder and fan



2. Release two tabs (callout 1), and then remove the fan (callout 2) from the holder (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-949 Remove the fan

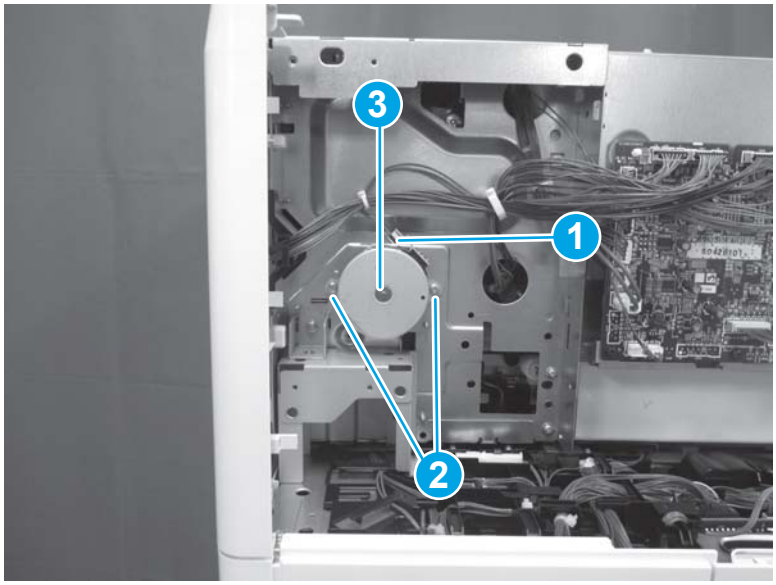


Step 3: Remove the feed motor (3-bin stapler/stacker)

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-950 Remove the feed motor



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Controller PCA (3-bin stapler/stacker)

- Introduction
- Step 1: Remove the rear cover (3-bin stapler/stacker)
- Step 2: Remove the controller PCA (3-bin stapler/stacker)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the controller PCA on the 3-bin stapler/stacker.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Controller PCA (3-bin stapler/stacker) part number	
RM2-8689-000CN	Staple stacker PCB assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

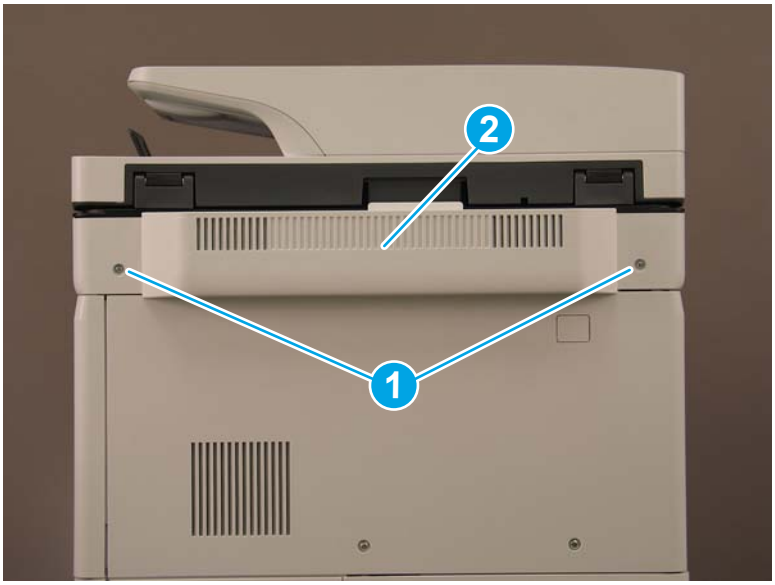
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3-bin stapler/stacker)

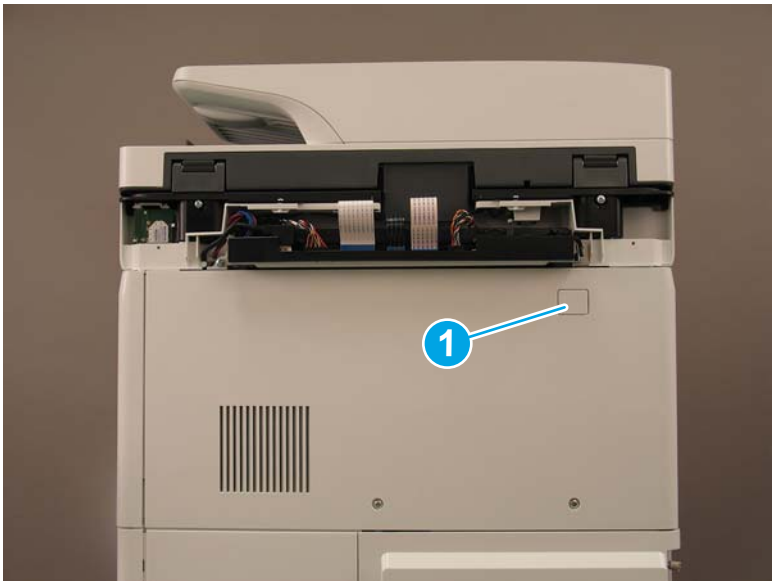
1. At the back of the printer, remove two screws (callout 1), and then remove the image scanner rear cover (callout 2).

Figure 1-951 Remove two screws



2. Remove one screw cover (callout 1).

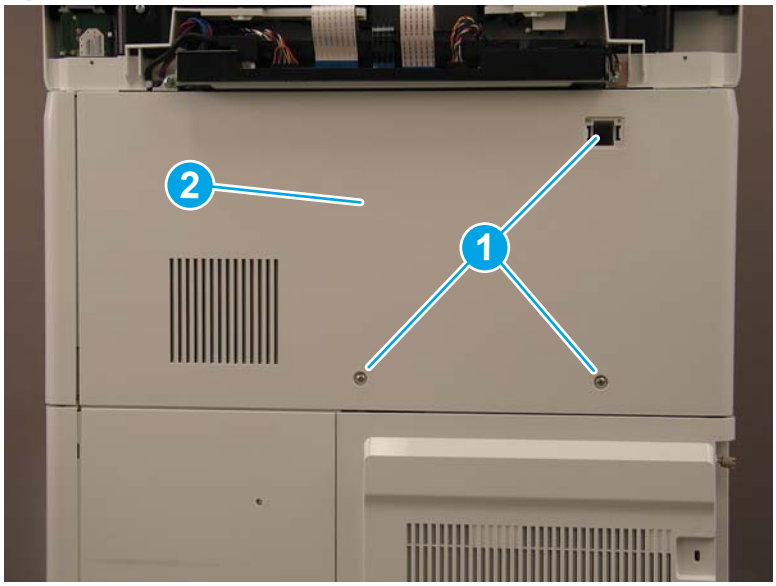
Figure 1-952 Remove one screw cover



3. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-953 Remove three screws and the rear cover

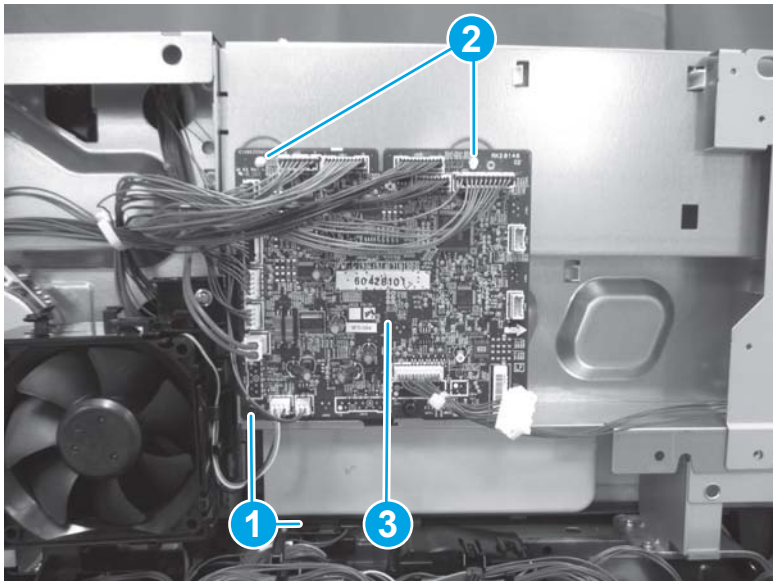


Step 2: Remove the controller PCA (3-bin stapler/stacker)

▲ Disconnect all of the connectors on the controller PCA. Remove one screw (callout 1), release two tabs (callout 2), and then remove the controller PCA (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-954 Remove the controller PCA



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Internal parts and assemblies

- Removal and replacement: Tray 1 pickup roller
- Removal and replacement: Tray 1 separation roller
- Removal and replacement: Formatter
- Removal and replacement: Pre-exposure PCA assembly (black)
- Removal and replacement: Pre-exposure PCA assembly (cyan, magenta, or yellow)
- Removal and replacement: Power switch PCA
- Removal and replacement: Left upper front and left upper rear fans
- Removal and replacement: Toner carry assembly
- Removal and replacement: Estrangement detect PCA
- Removal and replacement: Environmental sensor PCA
- Removal and replacement: Cartridge fan
- Removal and replacement: Front fan
- Removal and replacement: Power supply fan
- Removal and replacement: DC controller PCA
- Removal and replacement: Low-voltage power supply (LVPS)
- Removal and replacement: Lower high-voltage power supply (HVPS)
- Removal and replacement: Upper high-voltage power supply (HVPS)
- Removal and replacement: Rear fan
- Removal and replacement: Lifter drive assembly
- Removal and replacement: Laser scanner
- Removal and replacement: Drum motor 1
- Removal and replacement: Drum motor 2
- Removal and replacement: Drum motor 3
- Removal and replacement: Main drive assembly
- Removal and replacement: Fuser motor
- Removal and replacement: Fuser drive assembly
- Removal and replacement: Developer alienation motor
- Removal and replacement: Pickup motor
- Removal and replacement: Delivery assembly (M652/M653/E65050/E65060/E65150/E65160)
- Removal and replacement: Delivery assembly (M681/M682/E67550/E67560/E67650/E67660)

- Removal and replacement: Secondary transfer assembly
- Removal and replacement: Registration assembly
- Removal and replacement: Registration density sensor
- Removal and replacement: Feed roller assembly
- Removal and replacement: Pickup assembly
- Removal and replacement: Drawer connector and holder

Removal and replacement: Tray 1 pickup roller

- Introduction
- Step 1: Remove the Tray 1 pickup roller
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the Tray 1 pickup roller.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Tray 1 pickup roller part number	
RL2-0034-000CN	Tray 1 pickup roller

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

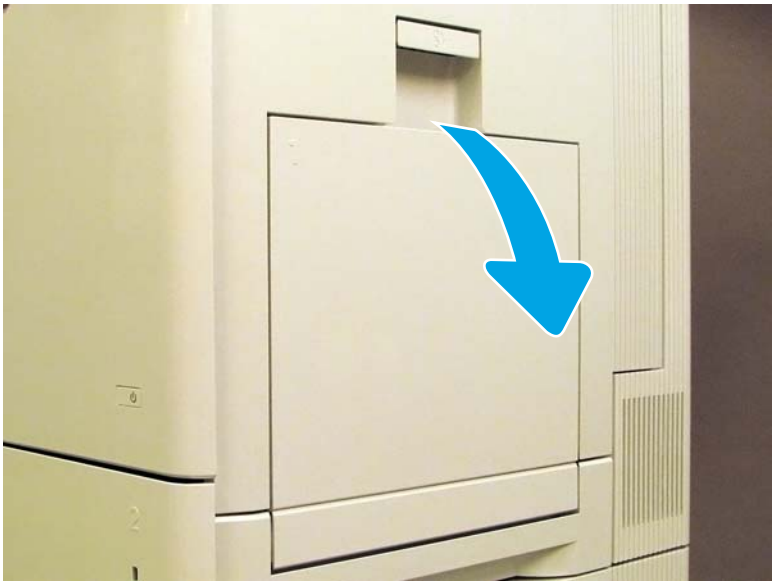
Post service test

Print a document and select Tray 1 as the source. Verify that the paper correctly picks from Tray 1

Step 1: Remove the Tray 1 pickup roller

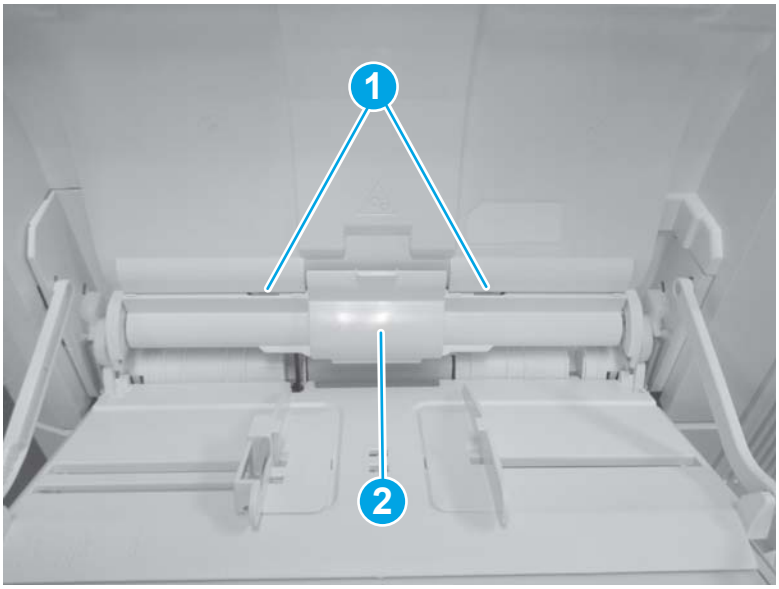
1. Open Tray 1.

Figure 1-955 Open Tray 1



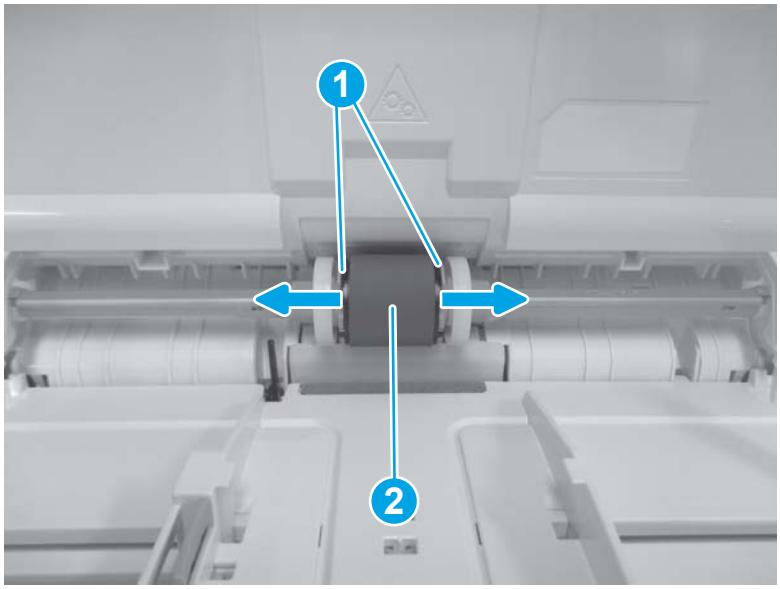
2. Place a finge in the center notch and gently pull down to release two tabs (callout 1) and remove the cover (callout 2).

Figure 1-956 Release two tabs and remove the cover



3. Use a small, flat-blad screwdriver to release two tabs (callout 1), and then use the screwdriver to gently pry and lift the roller (callout 2) up and out of the printer.

Figure 1-957 Remove the pickup roller



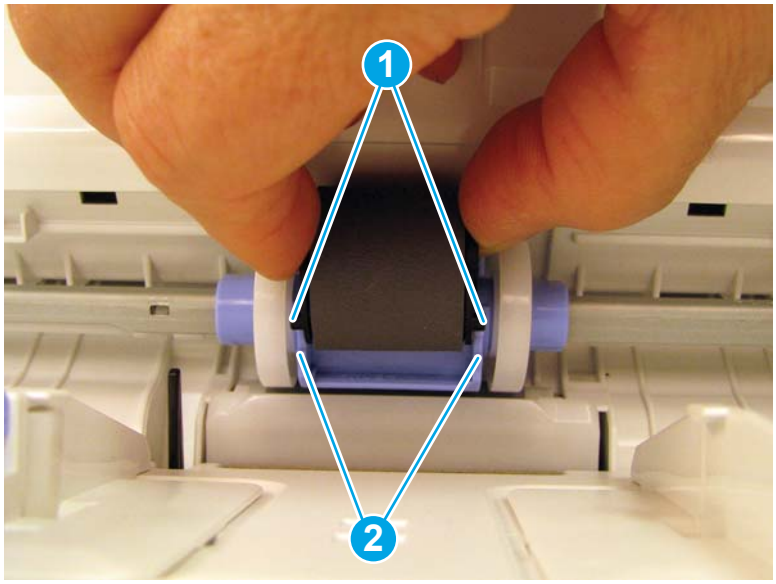
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Tray 1 pickup roller

▲ When installing the new roller, align the tabs (callout 1) on the roller with the slots (callout 2) in the printer.

Figure 1-958 Install the pickup roller



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Tray 1 separation roller

- Introduction
- Step 1: Remove the Tray 1 separation roller
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the Tray 1 separation roller.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Tray 1 separation roller part number	
RL2-0079-000CN	Tray 1 separation roller

Required tools

- Small, flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

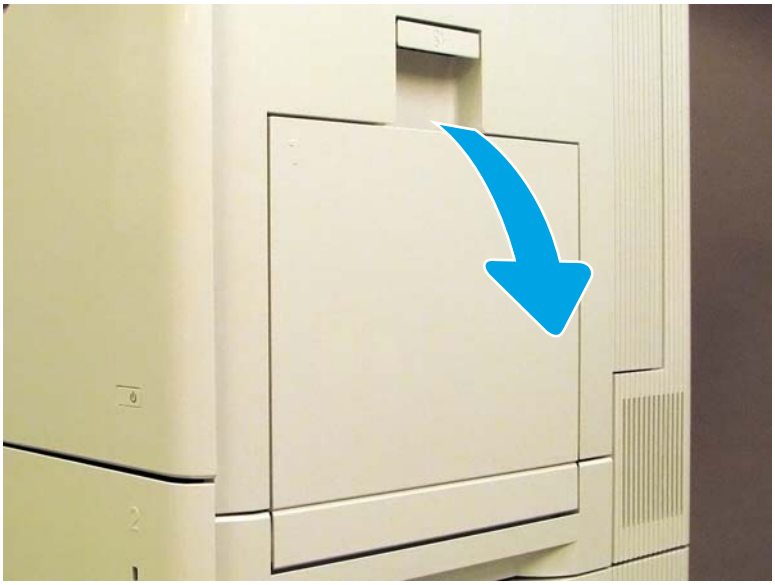
Post service test

Print a document and select Tray 1 as the source. Verify that the paper correctly picks from Tray 1

Step 1: Remove the Tray 1 separation roller

1. Open Tray 1.

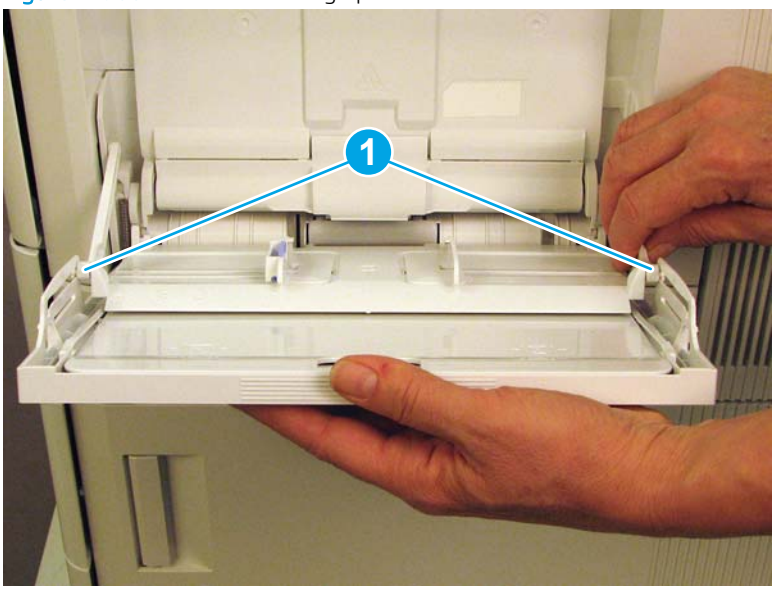
Figure 1-959 Open Tray 1



2. Slightly fle the slot guides to release two hinge pins (callout 1) from the guides.

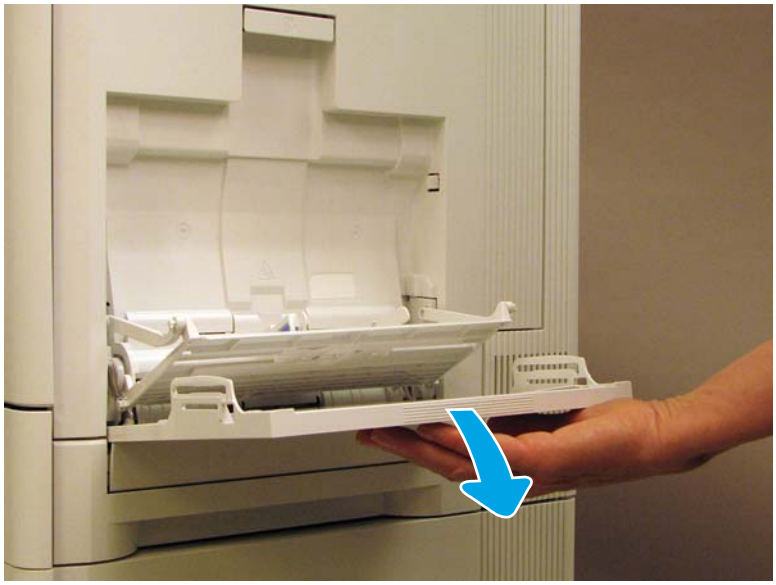
⚠ CAUTION: Support Tray 1 while releasing the hinge pins. The tray will drop and damage the printer if it is not supported.

Figure 1-960 Release two hinge pins



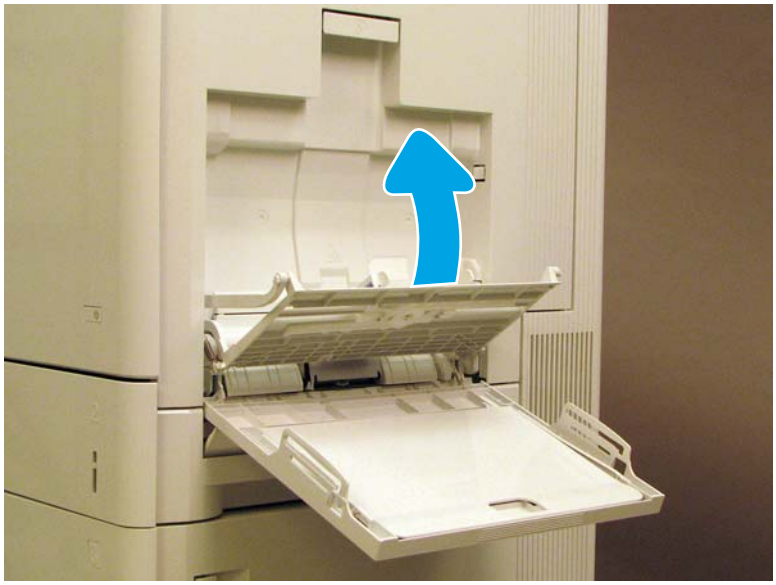
3. Carefully lower the outer tray.

Figure 1-961 Lower the outer tray



4. Raise the lifting plate up until it stays in position next to the printer.

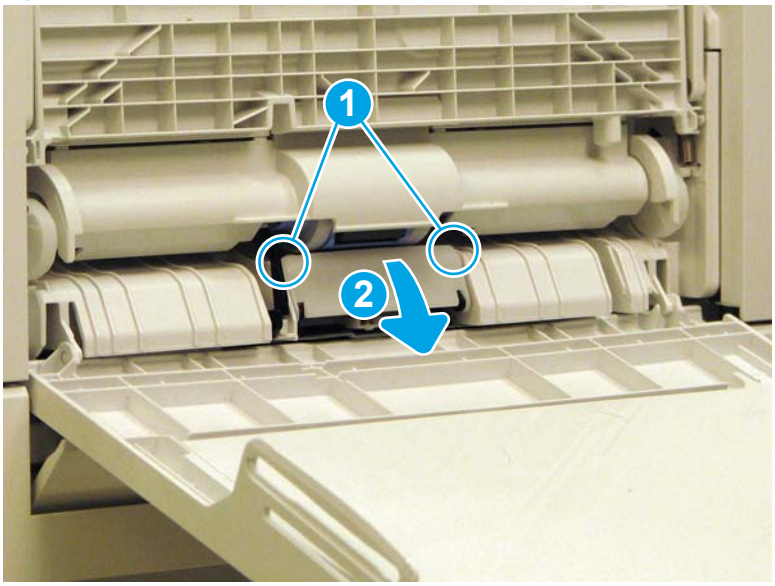
Figure 1-962 Raise the lifting plate



5. Release two tabs (callout 1), and then open the separation roller door (callout 2).

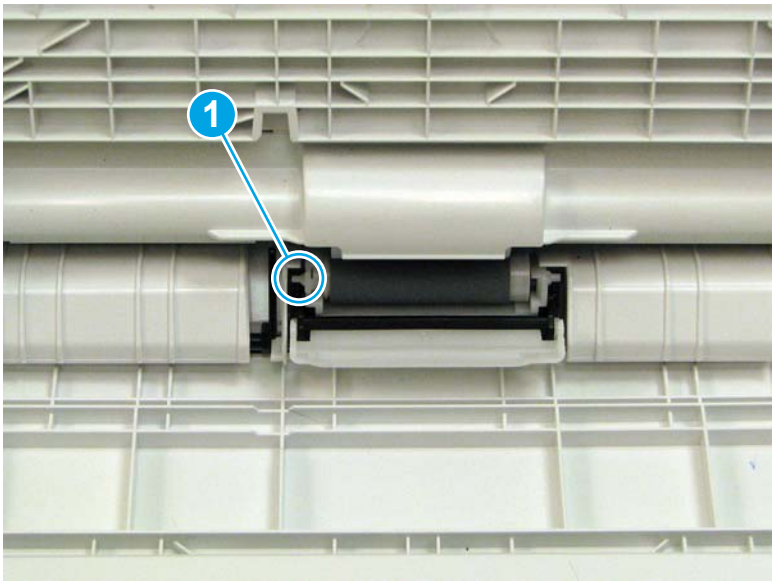
⚠ CAUTION: Use care when working in this area. The hinge pins on the outer door assembly are fragile and can easily break. Do not exert any pressure on the door assembly.

Figure 1-963 Open the separation roller door



6. Locate the tab (callout 1) on the left end of the roller.

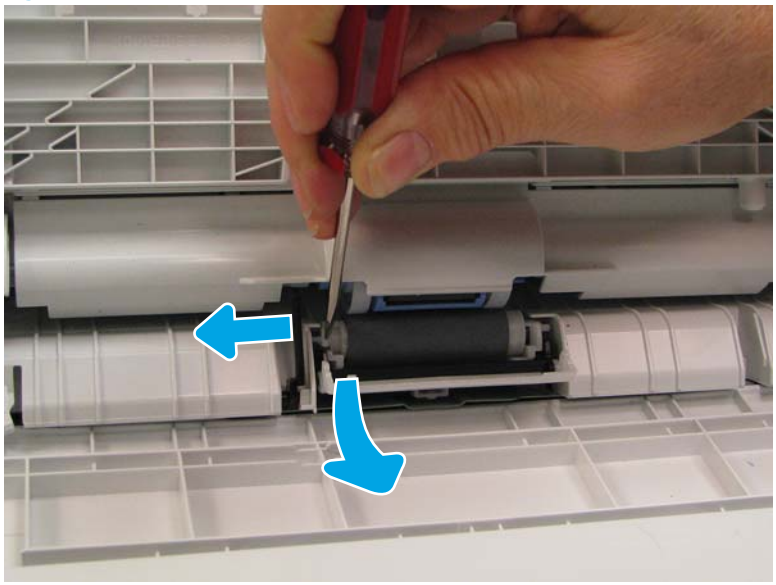
Figure 1-964 Locate the tab



7. Use a small, flat-blad screwdriver to apply pressure to the left side of the roller, and then gently pry it away from the printer. Hold pressure on the roller until it clears the tab and the tray assembly.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-965 Remove the separation roller



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Formatter

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 3: Remove the hard disk drive (HDD; M653dh/M681/M682)
- Step 4: Remove the embedded MultiMedia Card (eMMC; M652/M653)
- Step 5: Remove the optional dual in-line memory module (DIMM)
- Step 6: Remove the formatter
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the formatter.

M652/M653:

Click here to view a video of this procedure.

M681/M682:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Formatter part number	
J7Z98-60001	Formatter kit (M652/M653)
J7Z98-67904	Formatter kit (M652/M653; India/China)
J8A10-60001	Formatter kit (M681/M682)
J8A10-67902	Formatter kit (M681/M682; India/China)

NOTE When replacing the formatter in an E60155/60165/60175 or E62655/62665/62675 a new TPM module will also need to be replaced. TPM modules cannot be transferred between the formatters.

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

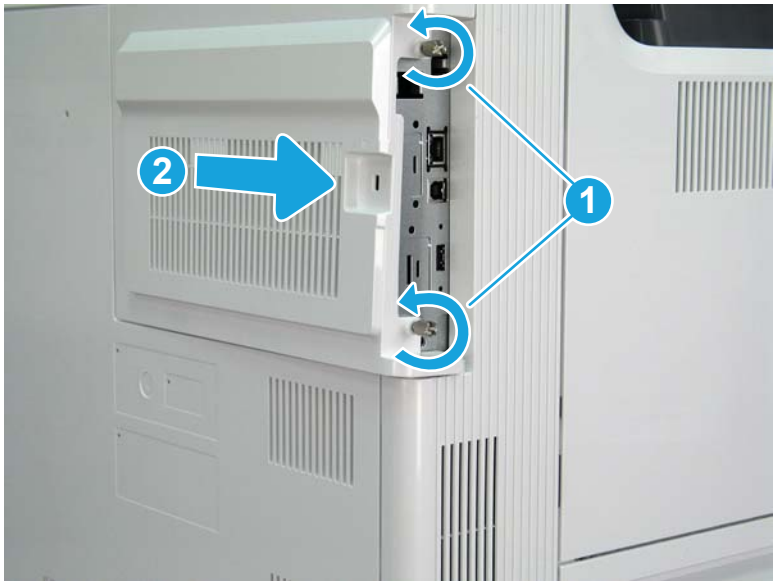
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-966 Remove the formatter cover



Step 2: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

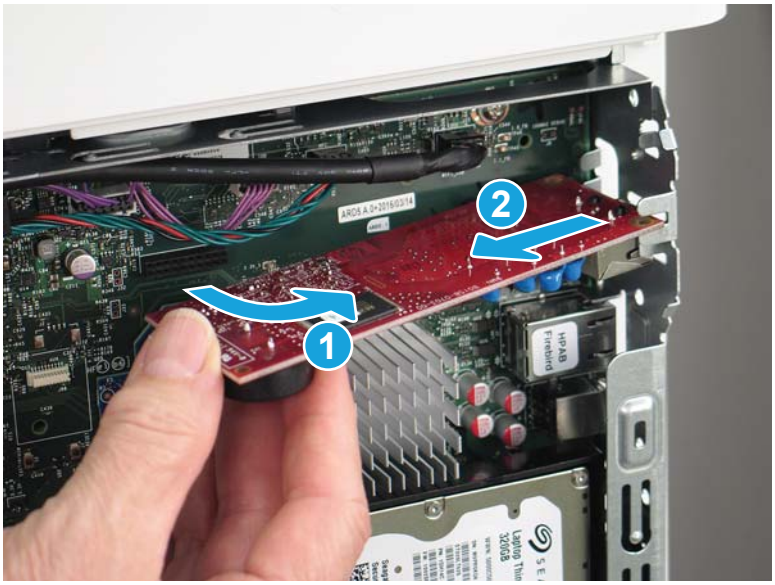
1. Locate the fax PCA on the formatter.

Figure 1-967 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

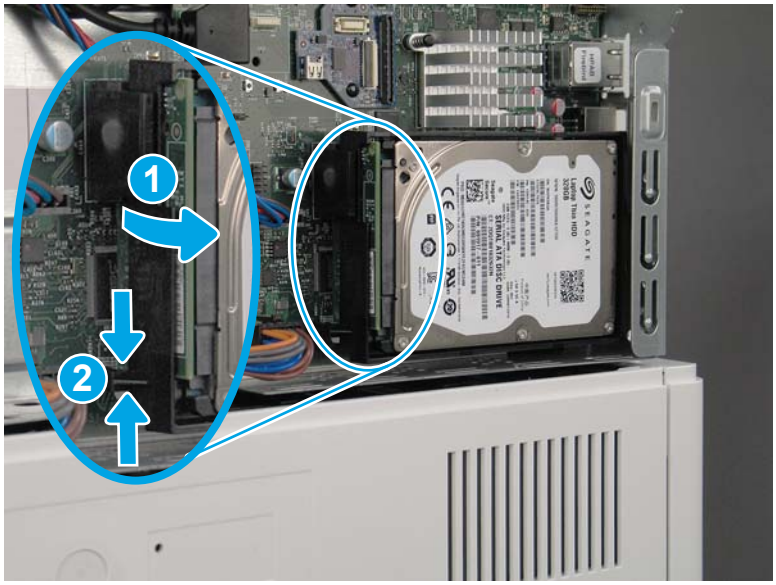
Figure 1-968 Remove the fax PCA



Step 3: Remove the hard disk drive (HDD; M653dh/M681/M682)

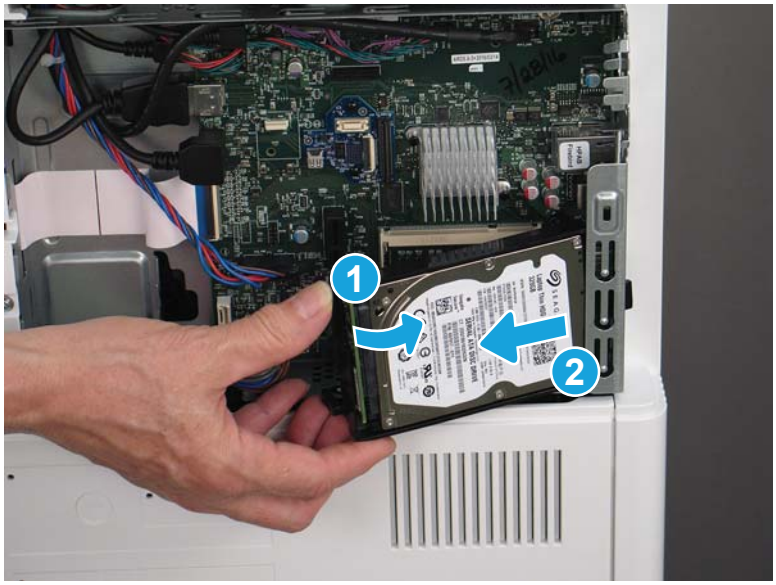
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-969 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-970 Remove the HDD



Step 4: Remove the embedded MultiMedia Card (eMMC; M652/M653)

⚠ CAUTION: ESD sensitive part.

- Locate the eMMC component on the formatter, and then pull it straight o of the formatter to remove it.

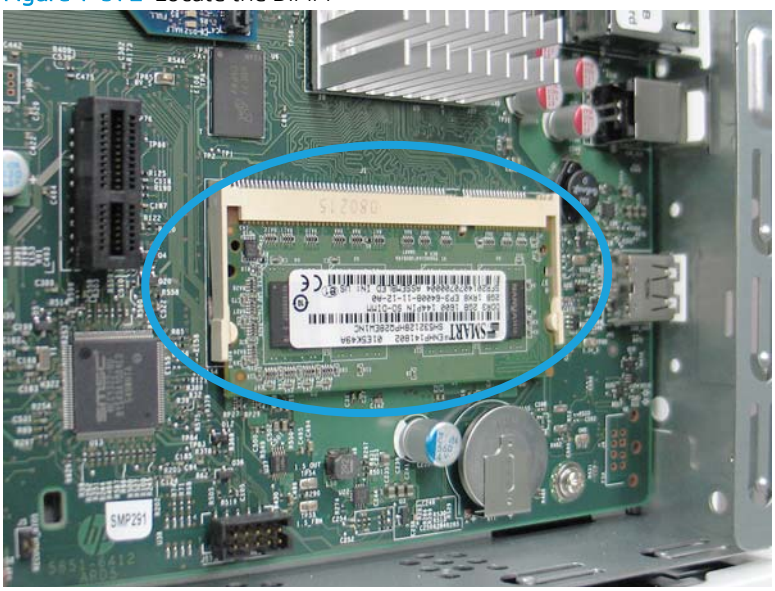
Figure 1-971 Remove the eMMC



Step 5: Remove the optional dual in-line memory module (DIMM)

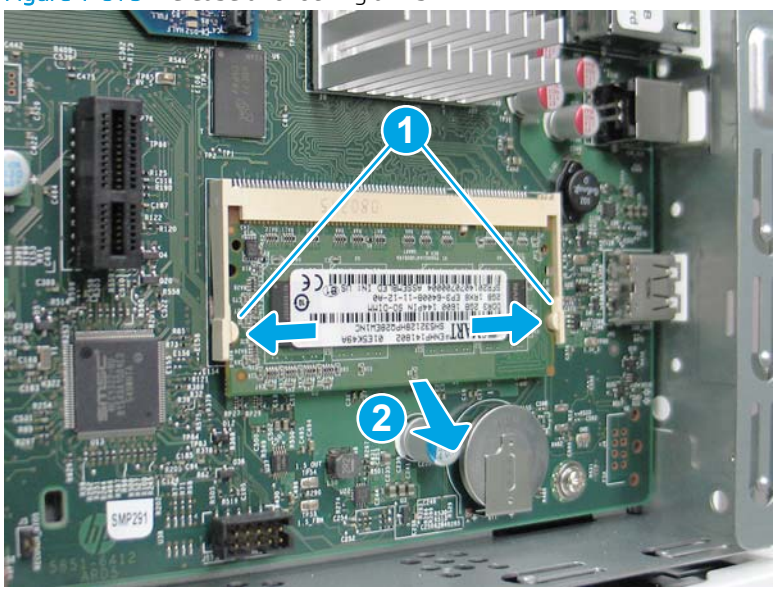
1. Locate the DIMM on the formatter.

Figure 1-972 Locate the DIMM



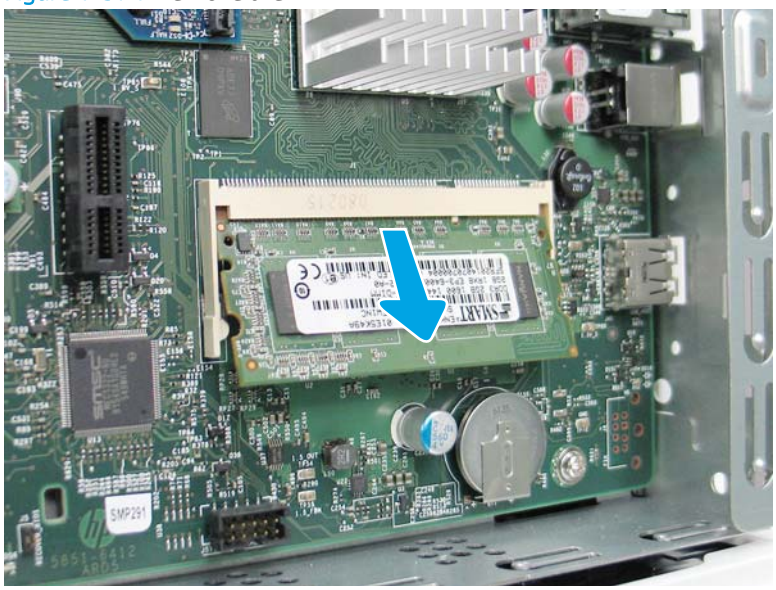
2. Release two locking arms (callout 1), and then allow the edge of the DIMM to rotate away from the holder (callout 2).

Figure 1-973 Release two locking arms



3. Pull the DIMM down and away from the holder to remove it.

Figure 1-974 Remove the DIMM



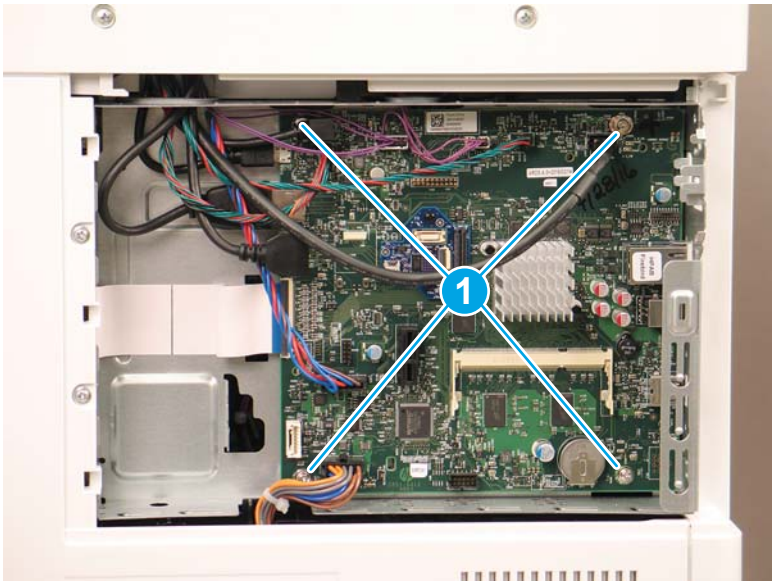
Step 6: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-975 Remove the formatter



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Pre-exposure PCA assembly (black)

- Introduction
- Step 1: Remove the toner cartridges
- Step 2: Remove the front door
- Step 3: Remove the front inner covers
- Step 4: Remove the pre-exposure PCA assembly (black)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the pre-exposure PCA assembly (black).

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Pre-exposure PCA assembly (black) part number	
RM3-7047-000CN	Pre-exposure PCA assembly (black)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

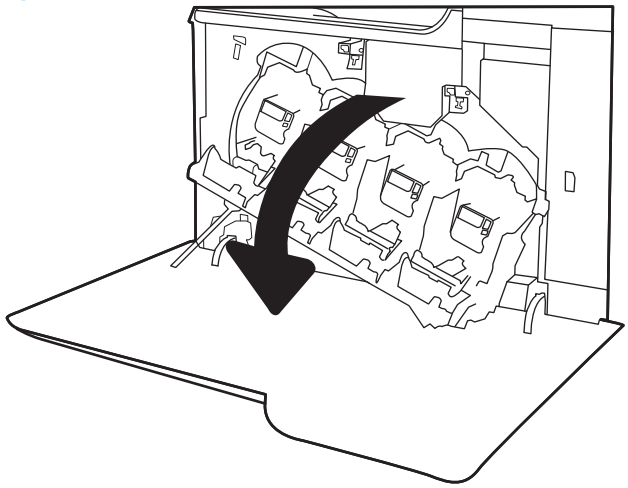
Post service test

No post service test is available for this assembly.

Step 1: Remove the toner cartridges

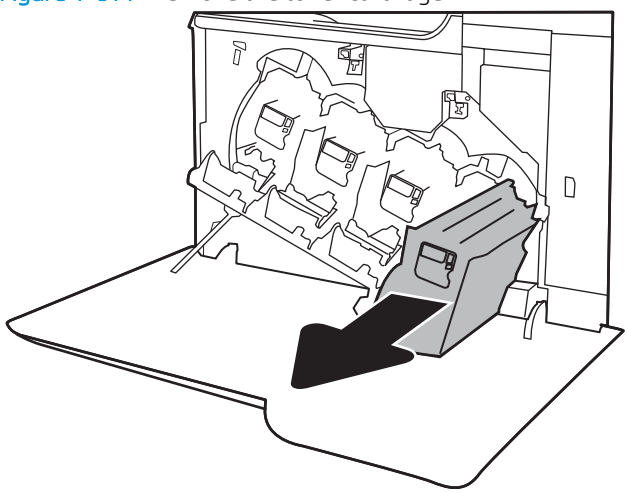
1. Open the front door.

Figure 1-976 Open the front door



2. Grasp the handle of the used toner cartridge and pull out to remove it.

Figure 1-977 Remove the toner cartridge



Step 2: Remove the front door

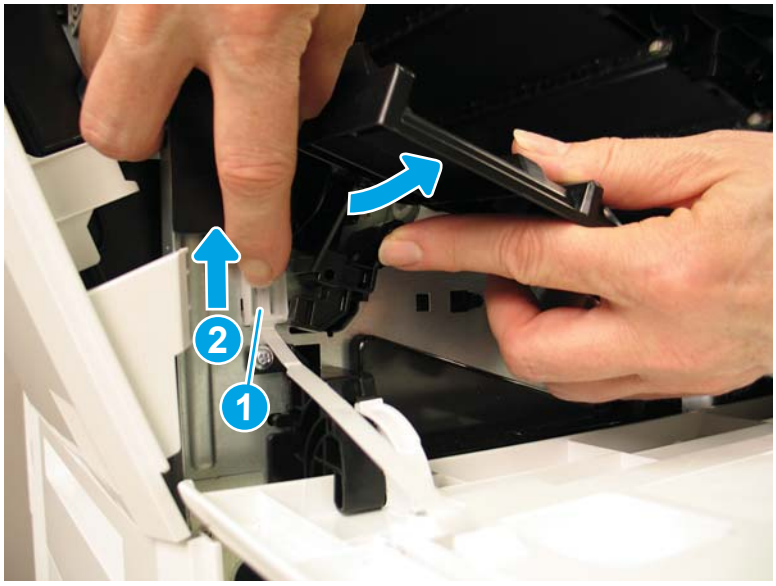
1. Remove Tray 2.
2. Open the following doors:

Reinstallation tip: The left door must be closed firs in order to close the front door.

- Front door
- Left door

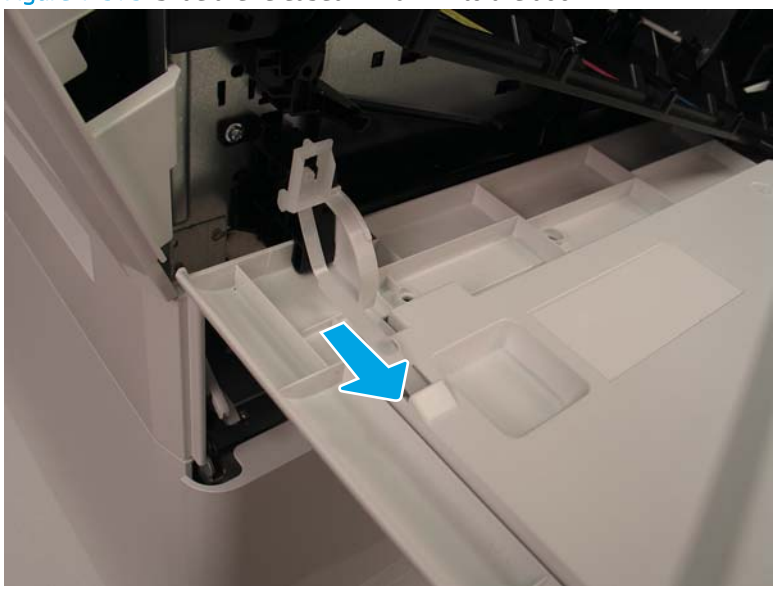
3. Hold the black shutter to one side, release one tab (callout 1), and then slide the link arm (callout 2) up to release it from the sheet metal.

Figure 1-978 Release the link arm



4. Slide the released link arm into the door.

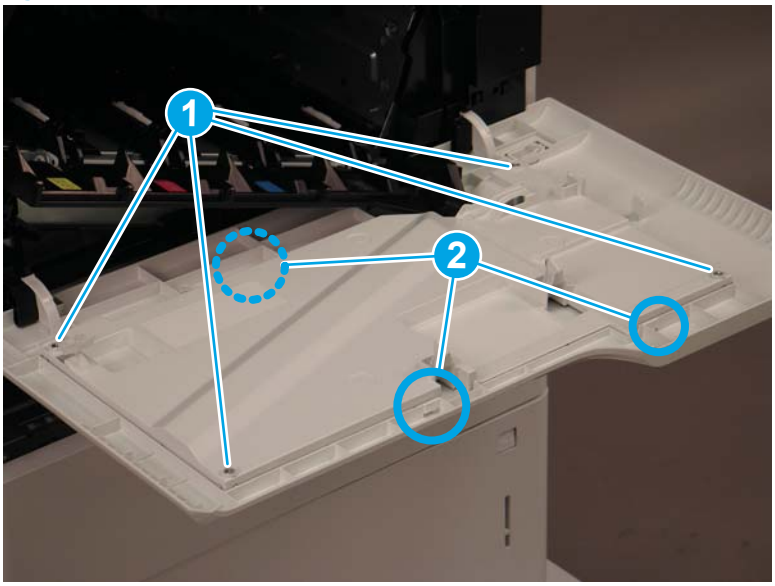
Figure 1-979 Slide the released link arm into the door



5. Remove four screws (callout 1), release three tabs (callout 2), and then remove the inner cover.

⚠ CAUTION: Use care when removing the inner cover. The black cartridge door is spring-loaded and may close abruptly when released from the inner cover.

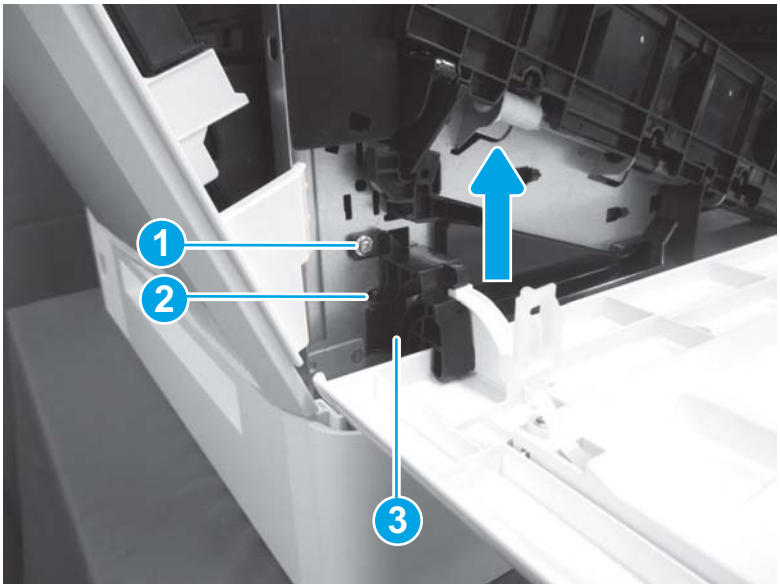
Figure 1-980 Remove the inner cover



6. Remove one screw (callout 1), and then release one boss (callout 2). Slide the hinge (callout 3) up to release it.

TIP: Use a flat-blad screwdriver to release the boss, and then lift upwards on the corner of the door.

Figure 1-981 Release the hinge

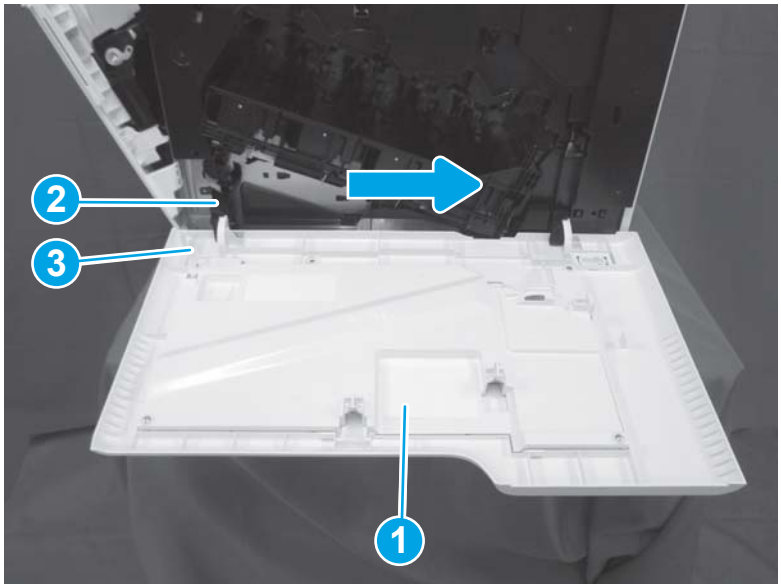


7. Slide the front door (callout 1) to the right to remove it.

NOTE: Remove the hinge (callout 2) and the link arm (callout 3) from the front door and install them on the replacement front door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-982 Remove the front door



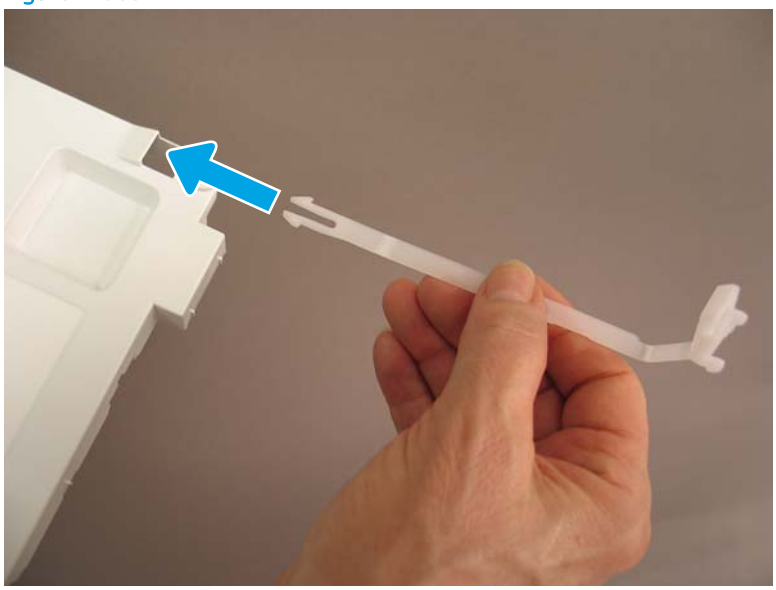
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Front door

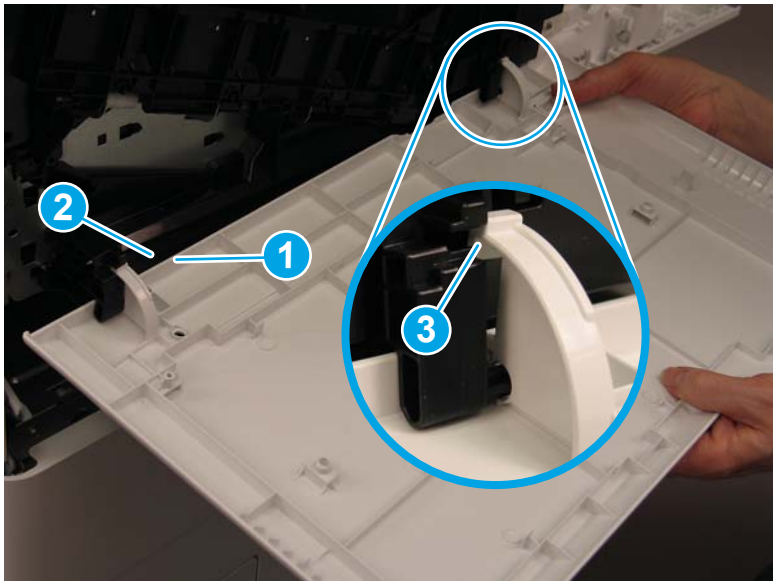
a. If the link arm becomes dislodged from the inner cover, reinstall it as shown in the figur below.

Figure 1-983 Reinstall the link arm



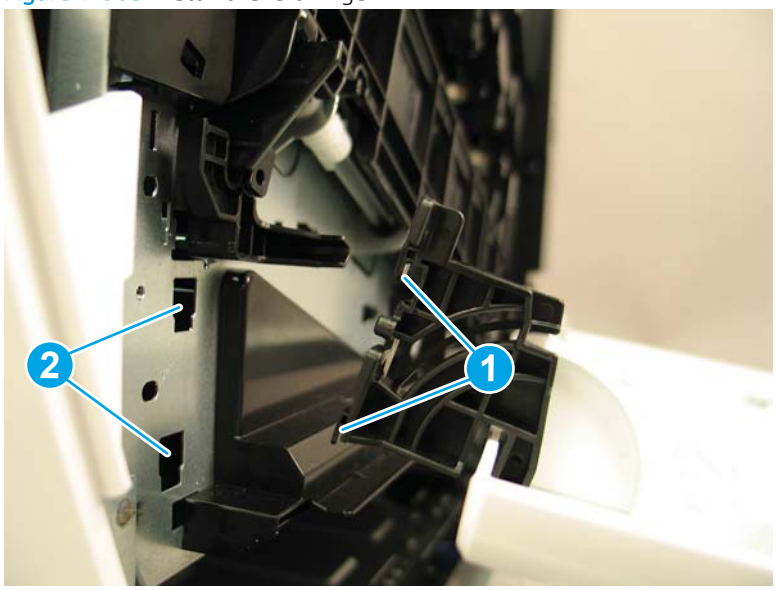
b. Install the right side of the door first Position the edge of the door (callout 1) over the black lip (callout 2), and then slide the right hinge into the black arm (callout 3).

Figure 1-984 Install the right hinge



c. When reinstalling the left hinge, install the tabs (callout 1) on the hinge in the slots (callout 2) in the printer. Press down to lock the hinge in place.

Figure 1-985 Install the left hinge



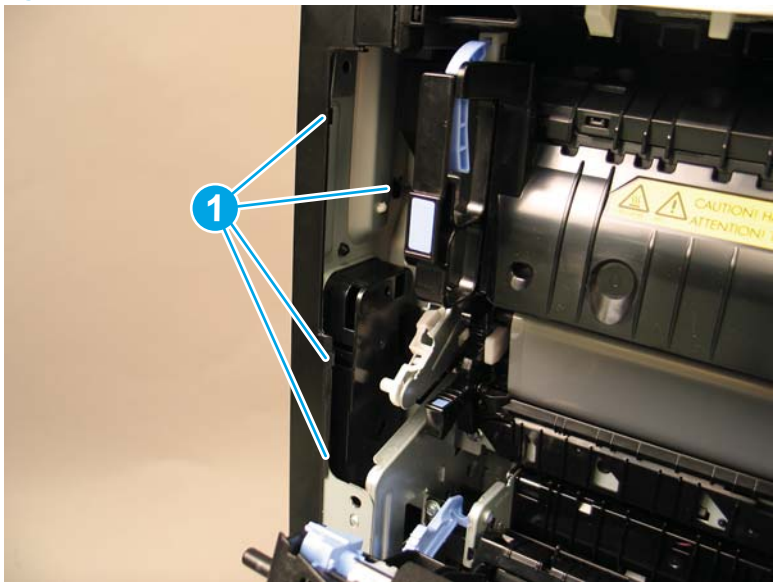
Step 3: Remove the front inner covers

1. Open the following doors:
   - Right door
   - Left door

2. Release four tabs (callout 1).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

Figure 1-986 Release four tabs

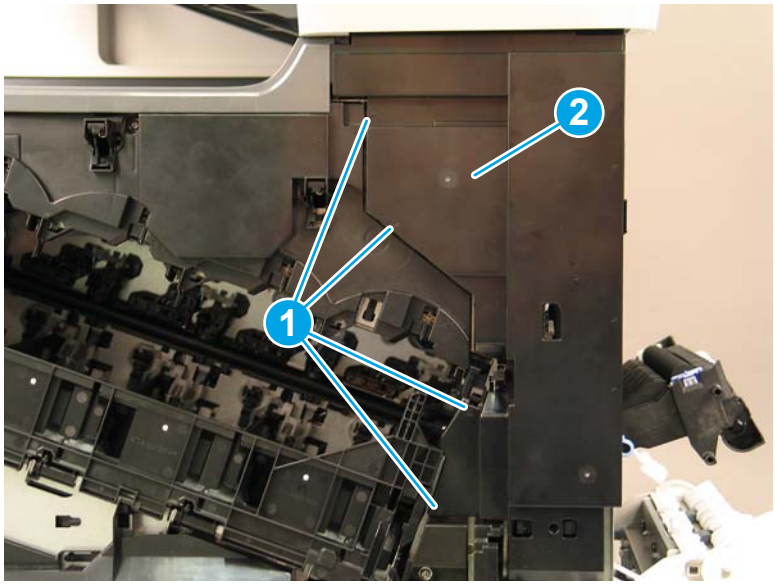


3. Release four bosses (callout 1), and then remove the front right inner cover (callout 2).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

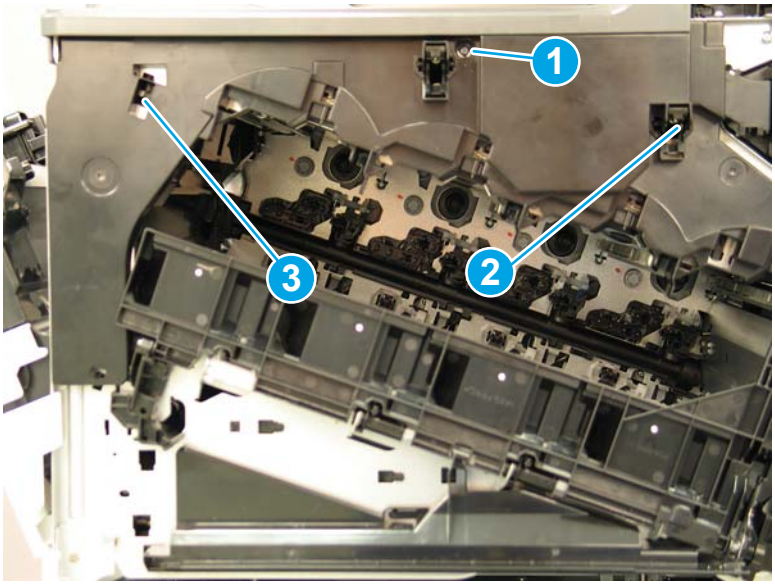
TIP: Push on the back side of the cover for easy release.

Figure 1-987 Remove the front right inner cover



4. Remove one screw (callout 1). Carefully pull the right side of the cover down and away from the printer to release one boss (callout 2). Continue to pull the cover away from the sheet metal to release the second boss (callout 3), and then remove the cover.

Figure 1-988 Remove the front inner cover



5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

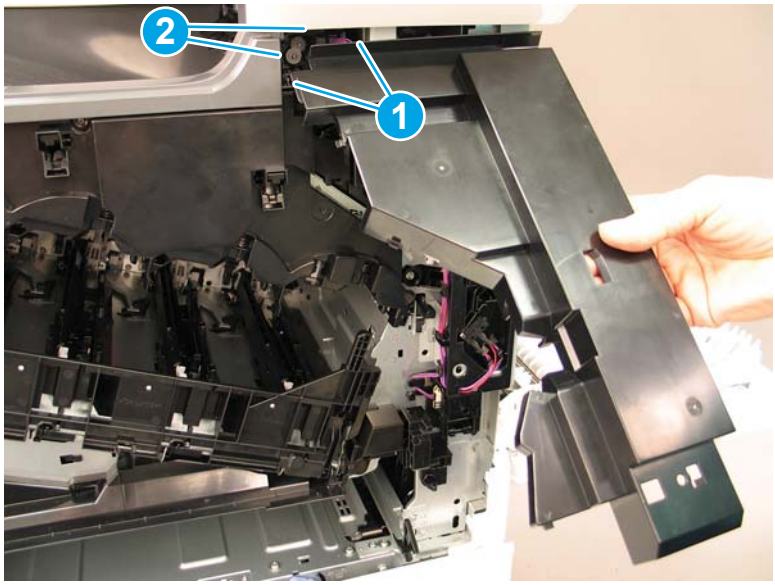
NOTE: Continue to reverse the removal steps to finis installing the assembly.

Reinstallation tip: Reverse the removal steps to install the assembly.

Special installation instructions: Front inner covers

- When reinstalling the front right inner cover, position the upper left edges of the cover (callout 1) under the edges of the printer covers (callout 2).

Figure 1-989 Install the front right inner cover

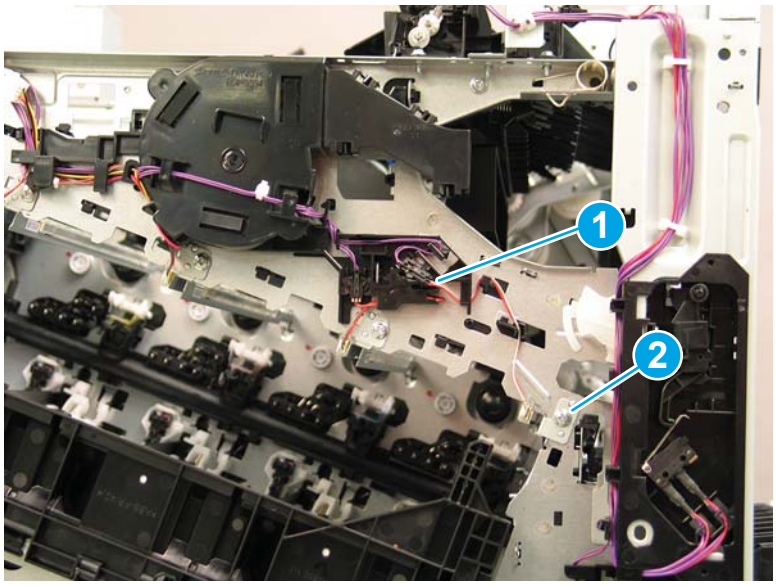


Step 4: Remove the pre-exposure PCA assembly (black)

1. Lower the black cartridge shutter (previously connected to the front door) all the way down to keep it out of the way.
2. Disconnect one connector (callout 1), and then remove one screw (callout 2).

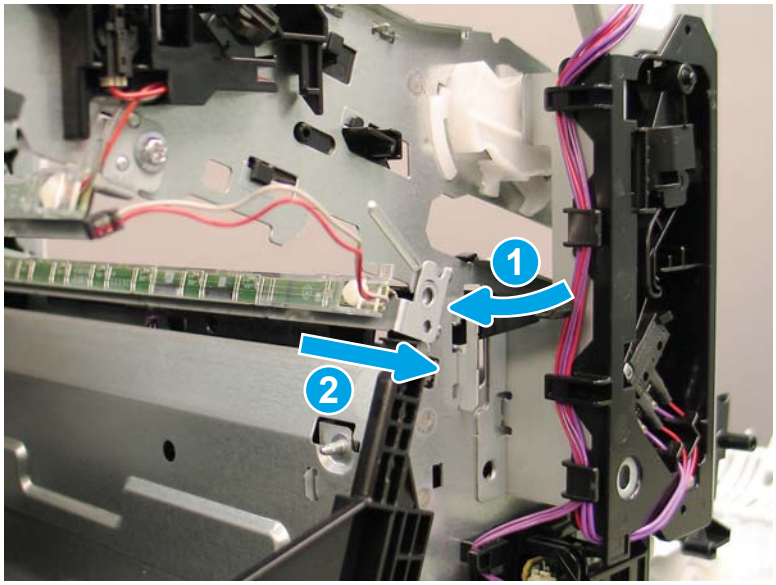
Reinstallation tip: When reinstalling the screw, do not press too hard or apply pressure from the back side to avoid bending the sheet metal.

Figure 1-990 Disconnect one connector and remove one screw



3. Pivot the outer end of the assembly left (callout 1) until it is almost in the center of the printer. Rock the end of the assembly still attached to the printer up and down several times to release the sheet metal tabs. Pull the assembly away from the printer (callout 2) to release it.

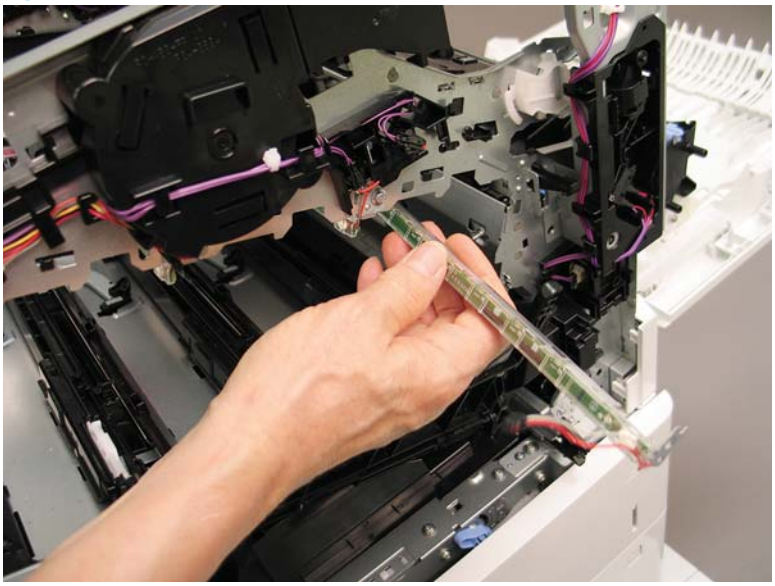
Figure 1-991 Release the pre-exposure PCA assembly



4. Remove the pre-exposure PCA assembly.

Reinstallation tip: When reinstalling the PCA, refer to the figur in Step 1 to verify that the cables are routed correctly.

Figure 1-992 Remove the pre-exposure PCA assembly



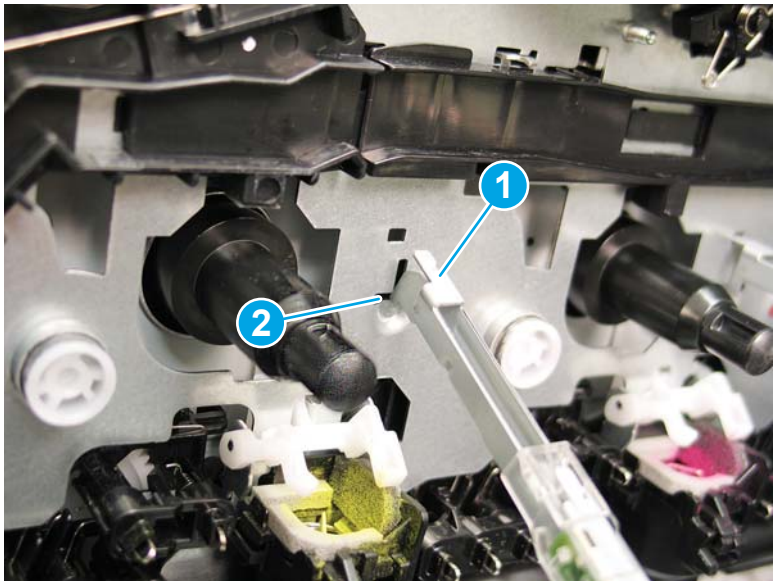
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Pre-exposure PCA assembly (black)

- When reinstalling the pre-exposure PCA assembly, make sure that the metal tabs at the end of the assembly (callout 1) install in the openings in the sheet metal (callout 2).

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-993 Install the pre-exposure PCA assembly



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Pre-exposure PCA assembly (cyan, magenta, or yellow)

- Introduction
- Step 1: Remove the toner cartridges
- Step 2: Remove the front door
- Step 3: Remove the front inner covers
- Step 4: Remove the pre-exposure PCA assembly (cyan, magenta, or yellow)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the pre-exposure PCA assembly (cyan, magenta, or yellow).

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Pre-exposure PCA assembly (cyan, magenta, or yellow) part number	
RM3-7047-000CN	Pre-exposure PCA assembly (cyan, magenta, or yellow)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

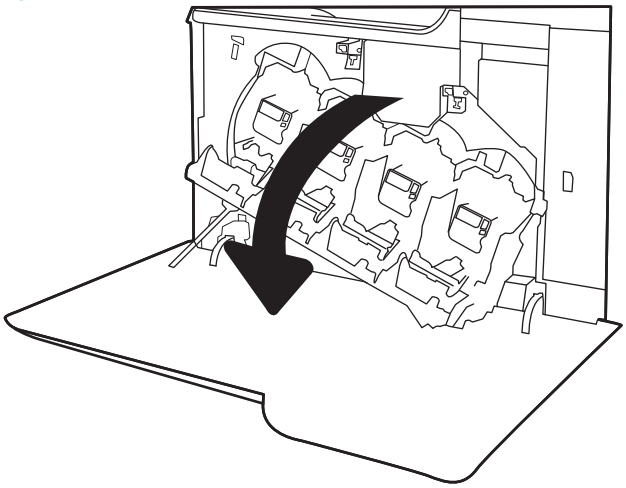
Post service test

No post service test is available for this assembly.

Step 1: Remove the toner cartridges

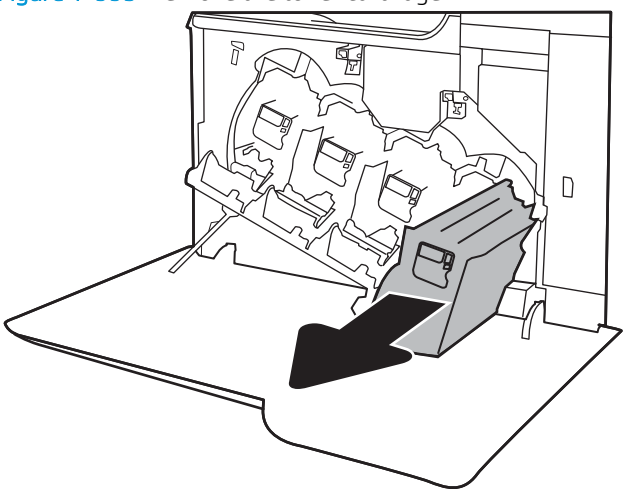
1. Open the front door.

Figure 1-994 Open the front door



2. Grasp the handle of the used toner cartridge and pull out to remove it.

Figure 1-995 Remove the toner cartridge



Step 2: Remove the front door

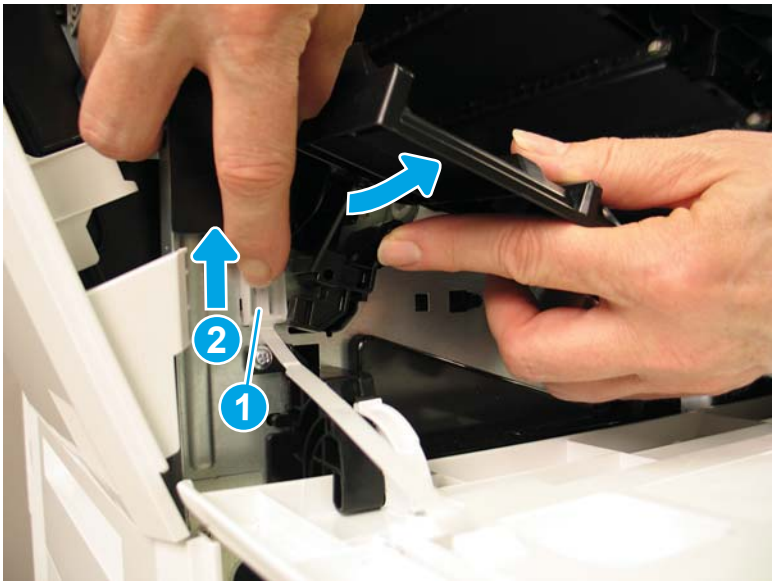
1. Remove Tray 2.
2. Open the following doors:

Reinstallation tip: The left door must be closed firs in order to close the front door.

- Front door
- Left door

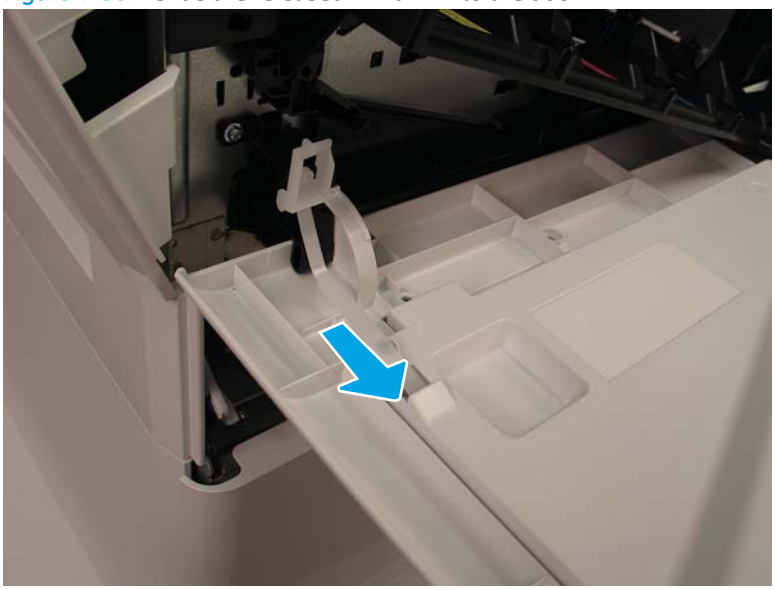
3. Hold the black shutter to one side, release one tab (callout 1), and then slide the link arm (callout 2) up to release it from the sheet metal.

Figure 1-996 Release the link arm



4. Slide the released link arm into the door.

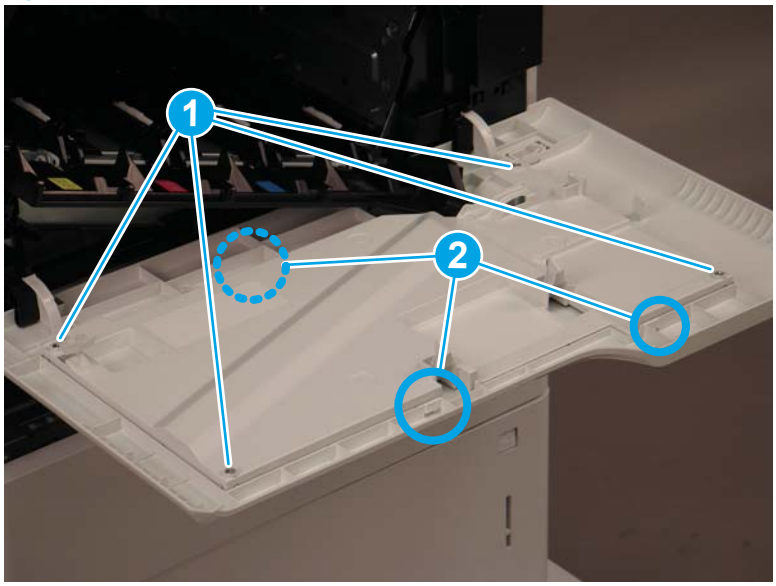
Figure 1-997 Slide the released link arm into the door



5. Remove four screws (callout 1), release three tabs (callout 2), and then remove the inner cover.

⚠ CAUTION: Use care when removing the inner cover. The black cartridge door is spring-loaded and may close abruptly when released from the inner cover.

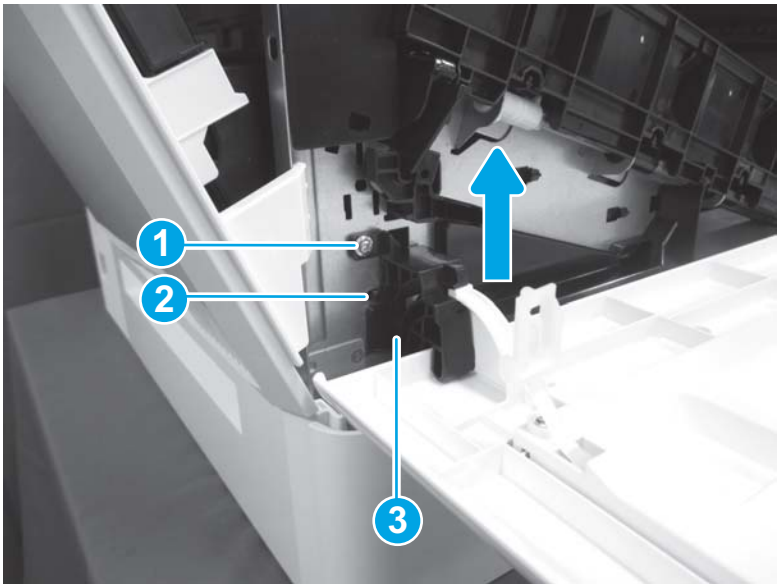
Figure 1-998 Remove the inner cover



6. Remove one screw (callout 1), and then release one boss (callout 2). Slide the hinge (callout 3) up to release it.

TIP: Use a flat-blad screwdriver to release the boss, and then lift upwards on the corner of the door.

Figure 1-999 Release the hinge

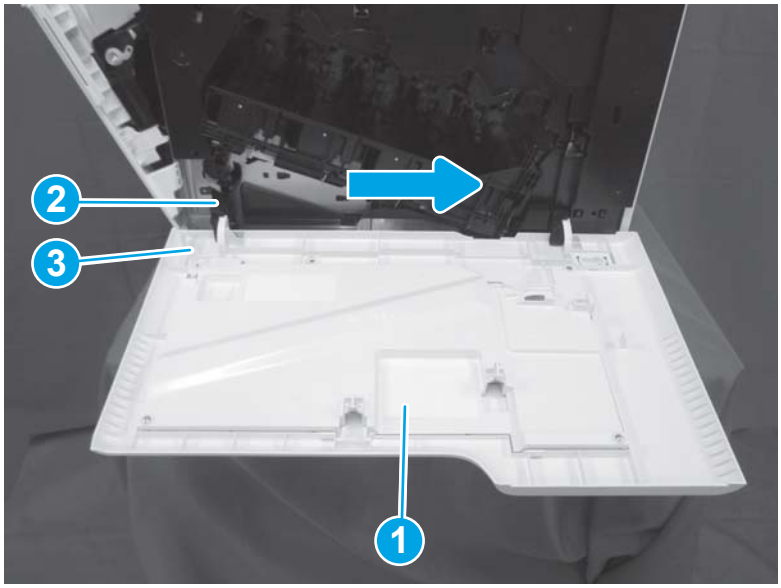


7. Slide the front door (callout 1) to the right to remove it.

NOTE: Remove the hinge (callout 2) and the link arm (callout 3) from the front door and install them on the replacement front door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1000 Remove the front door



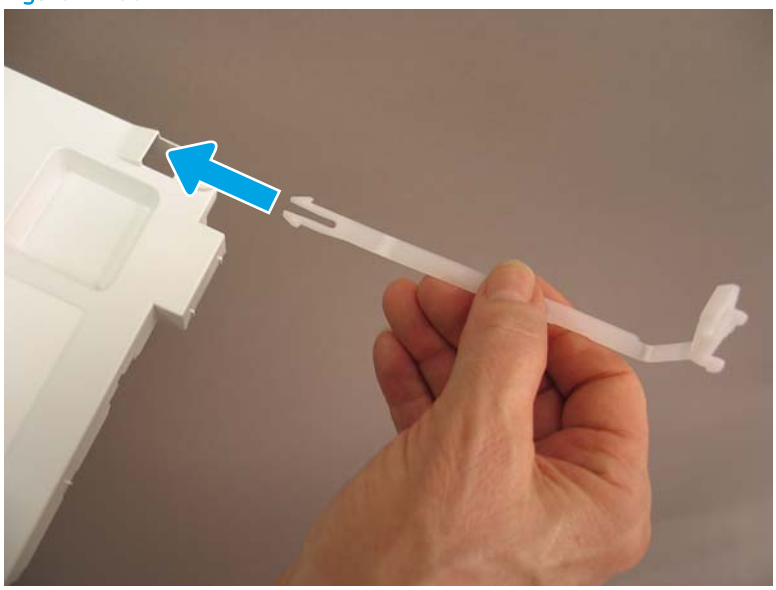
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Front door

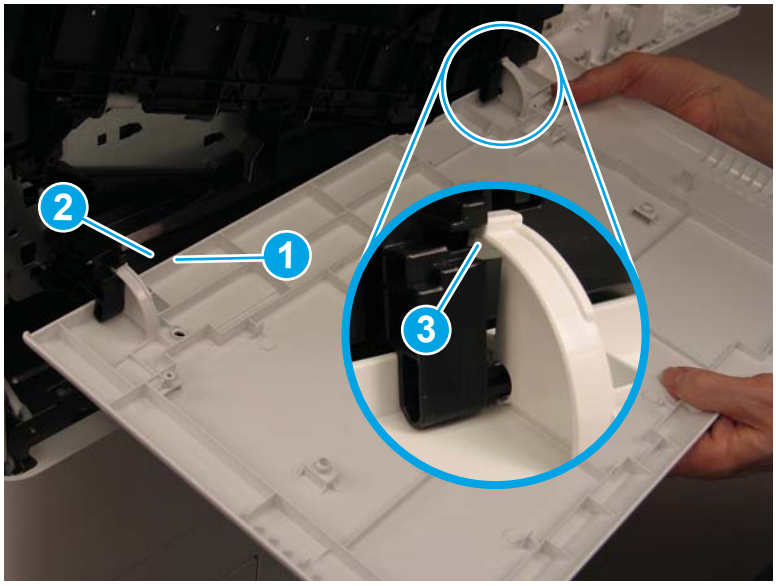
a. If the link arm becomes dislodged from the inner cover, reinstall it as shown in the figur below.

Figure 1-1001 Reinstall the link arm



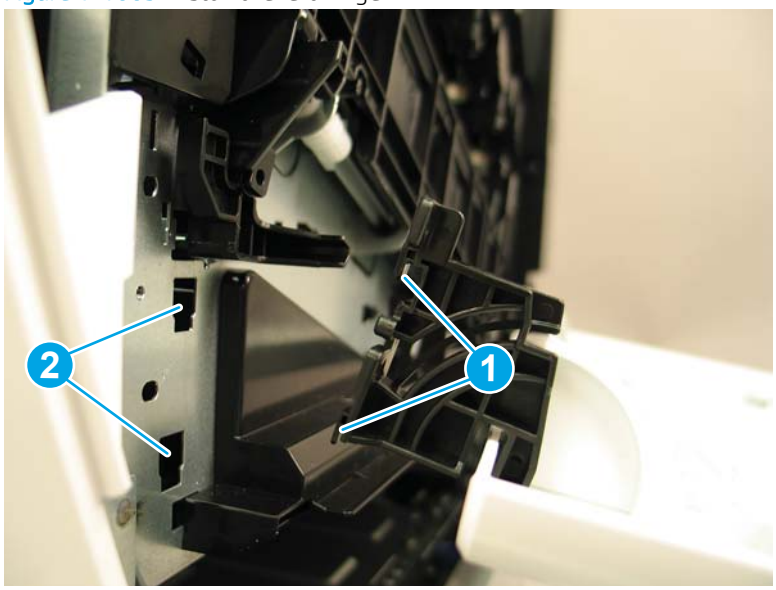
b. Install the right side of the door first Position the edge of the door (callout 1) over the black lip (callout 2), and then slide the right hinge into the black arm (callout 3).

Figure 1-1002 Install the right hinge



c. When reinstalling the left hinge, install the tabs (callout 1) on the hinge in the slots (callout 2) in the printer. Press down to lock the hinge in place.

Figure 1-1003 Install the left hinge



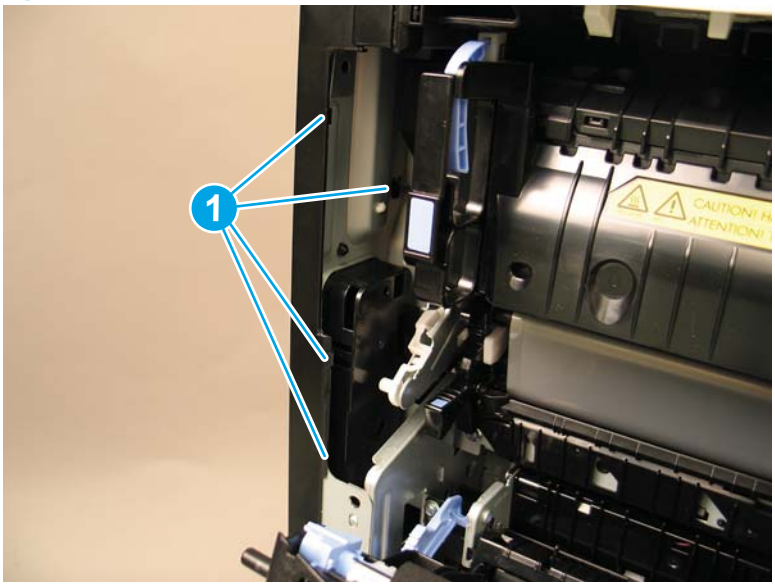
Step 3: Remove the front inner covers

1. Open the following doors:
   - Right door
   - Left door

2. Release four tabs (callout 1).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

Figure 1-1004 Release four tabs

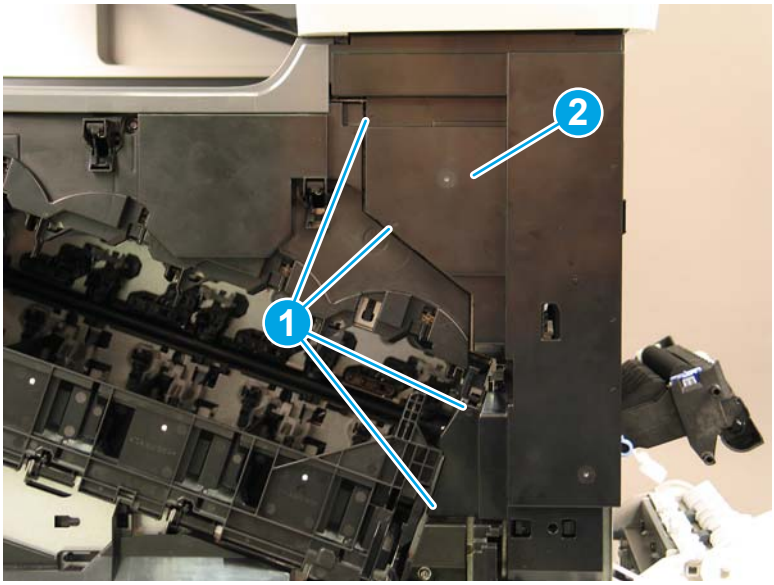


3. Release four bosses (callout 1), and then remove the front right inner cover (callout 2).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

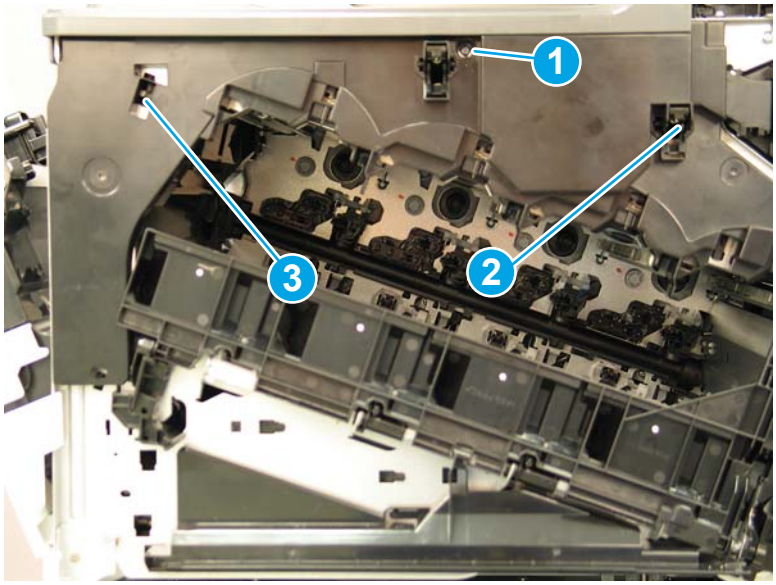
TIP: Push on the back side of the cover for easy release.

Figure 1-1005 Remove the front right inner cover



4. Remove one screw (callout 1). Carefully pull the right side of the cover down and away from the printer to release one boss (callout 2). Continue to pull the cover away from the sheet metal to release the second boss (callout 3), and then remove the cover.

Figure 1-1006 Remove the front inner cover



5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

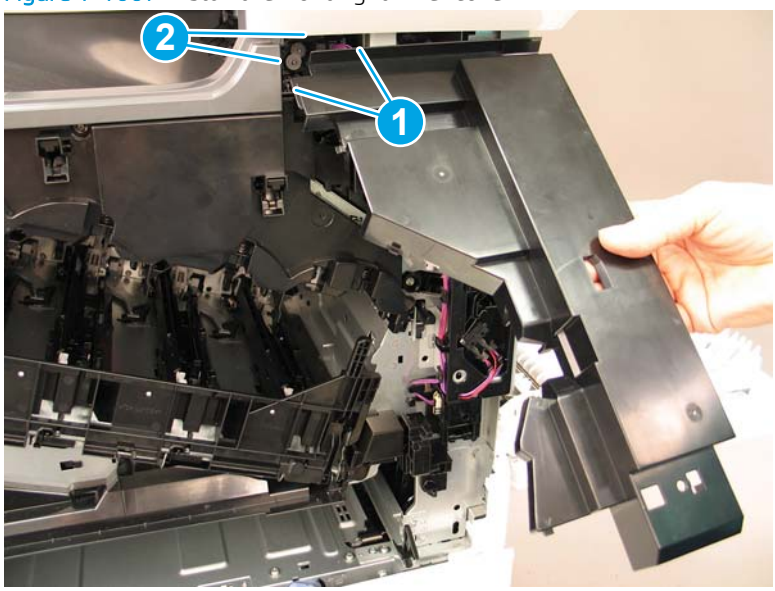
NOTE: Continue to reverse the removal steps to finis installing the assembly.

Reinstallation tip: Reverse the removal steps to install the assembly.

Special installation instructions: Front inner covers

- When reinstalling the front right inner cover, position the upper left edges of the cover (callout 1) under the edges of the printer covers (callout 2).

Figure 1-1007 Install the front right inner cover

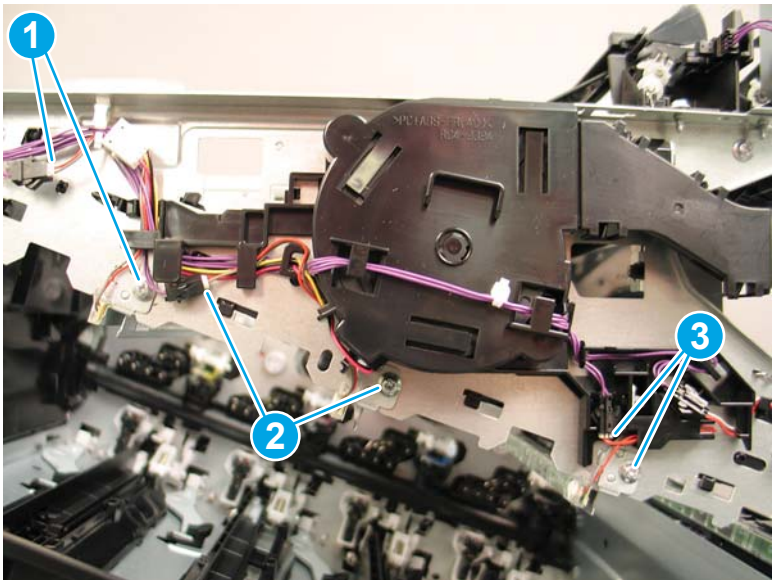


Step 4: Remove the pre-exposure PCA assembly (cyan, magenta, or yellow)

1. Lower the black cartridge shutter (previously connected to the front door) all the way down to keep it out of the way.
2. If replacing the **yellow** pre-exposure PCA assembly, disconnect one connector and remove one screw (callout 1). If replacing the **magenta** pre-exposure PCA assembly, disconnect one connector and remove one screw (callout 2). If replacing the **cyan** pre-exposure PCA assembly, disconnect one connector and remove one screw (callout 3).

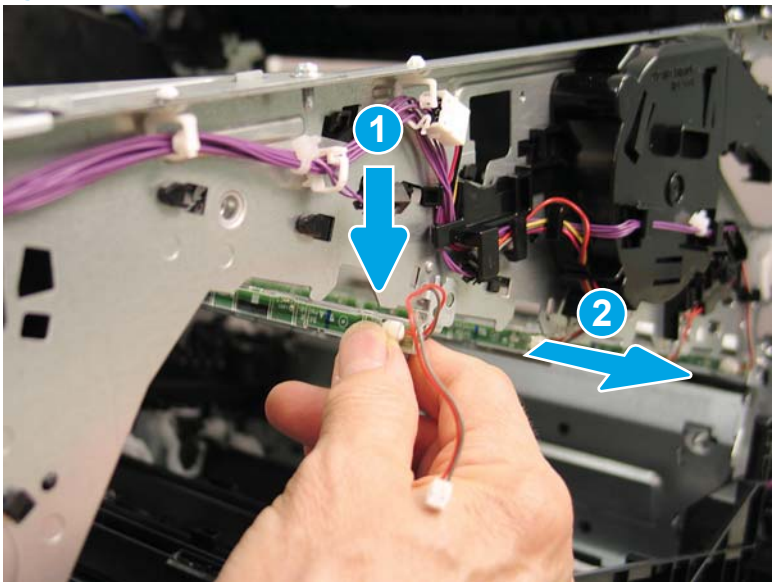
> **Reinstallation tip:** When reinstalling the screws, do not press too hard or apply pressure from the back side to avoid bending the sheet metal.

Figure 1-1008 Disconnect one connector and remove one screw



3. Rotate the end of the assembly down (callout 1), and then pull the assembly away from the printer (callout 2) to release it.

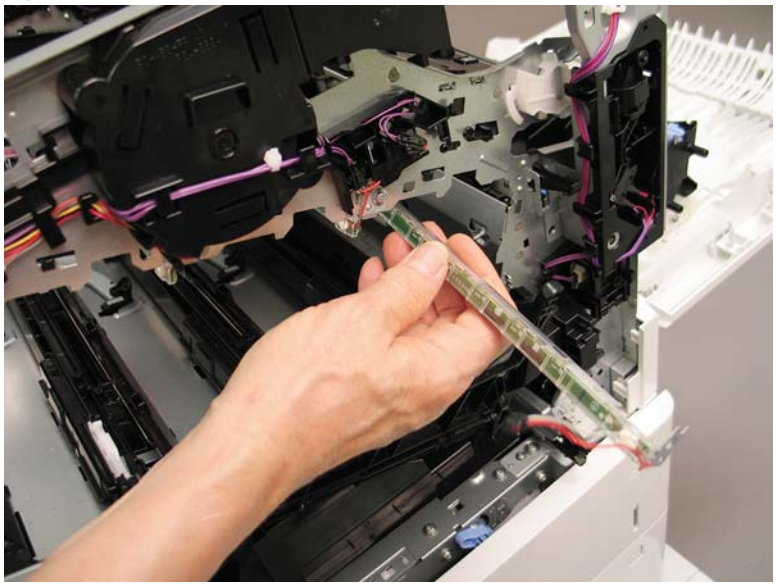
Figure 1-1009 Release the pre-exposure PCA assembly



4. Remove the pre-exposure PCA assembly.

Reinstallation tip: When reinstalling the PCA, refer to the figur in Step 1 to verify that the cables are routed correctly.

Figure 1-1010 Remove the pre-exposure PCA assembly



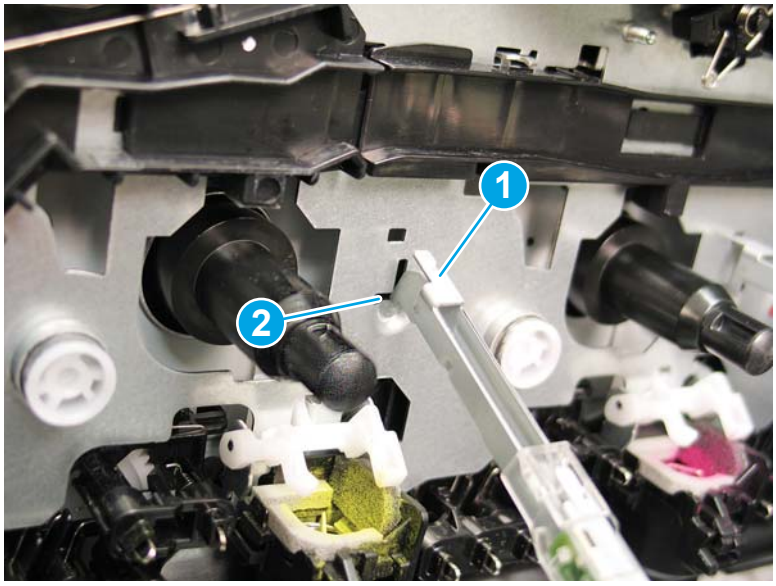
5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Pre-exposure PCA assembly (cyan, magenta, or yellow)

- When reinstalling the pre-exposure PCA assembly, make sure that the metal tabs at the end of the assembly (callout 1) install in the openings in the sheet metal (callout 2).

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1011 Install the pre-exposure PCA assembly



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Power switch PCA

- Introduction
- Step 1: Remove the front door
- Step 2: Remove the power switch PCA
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the power switch PCA.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Power switch PCA part number	
RK2-0535-000CN	Switch, power PCA

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

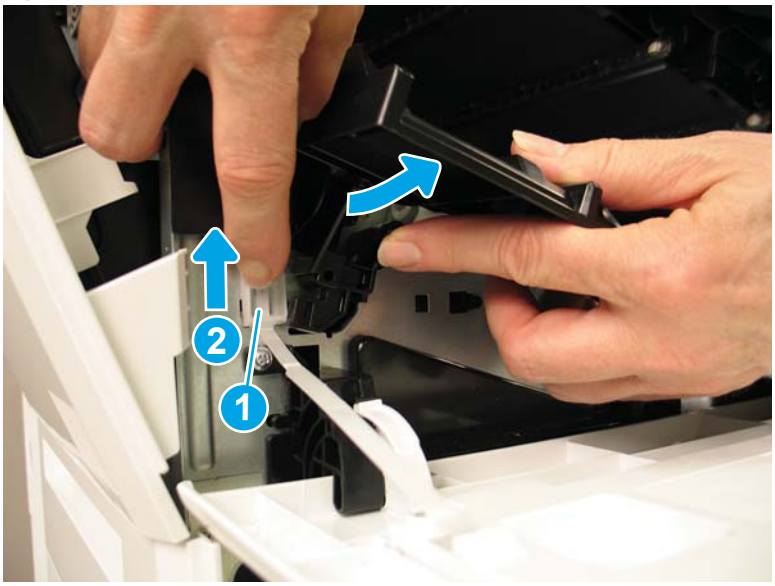
Step 1: Remove the front door

1. Remove Tray 2.
2. Open the following doors:

   Reinstallation tip: The left door must be closed firs in order to close the front door.

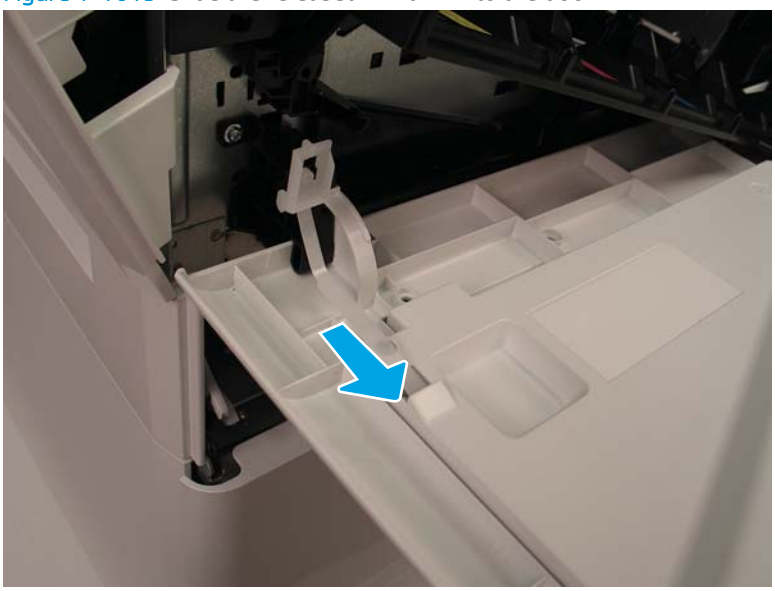
   - Front door
   - Left door
3. Hold the black shutter to one side, release one tab (callout 1), and then slide the link arm (callout 2) up to release it from the sheet metal.

   Figure 1-1012 Release the link arm

4. Slide the released link arm into the door.

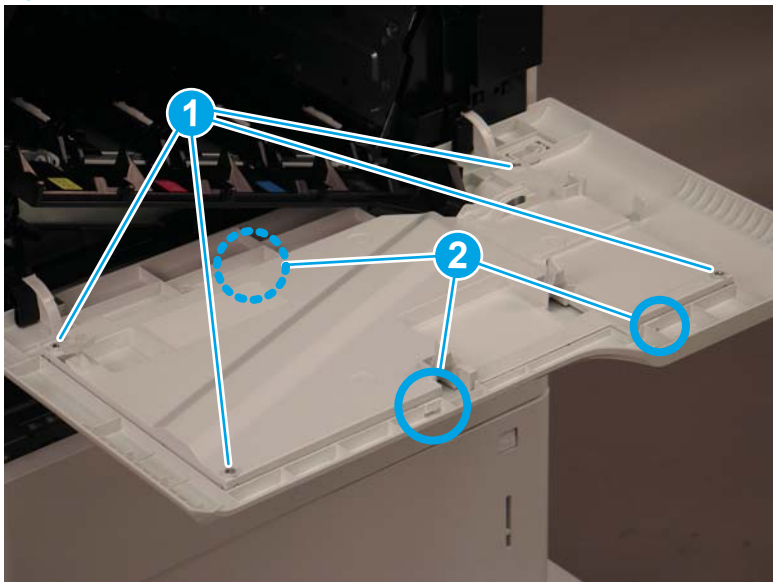
   Figure 1-1013 Slide the released link arm into the door

5. Remove four screws (callout 1), release three tabs (callout 2), and then remove the inner cover.

⚠ CAUTION: Use care when removing the inner cover. The black cartridge door is spring-loaded and may close abruptly when released from the inner cover.

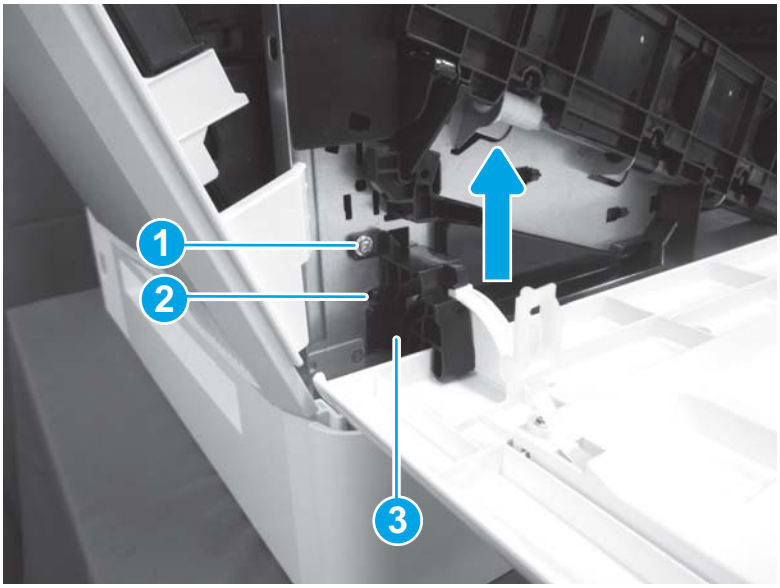
Figure 1-1014 Remove the inner cover



6. Remove one screw (callout 1), and then release one boss (callout 2). Slide the hinge (callout 3) up to release it.

TIP: Use a flat-blad screwdriver to release the boss, and then lift upwards on the corner of the door.

Figure 1-1015 Release the hinge

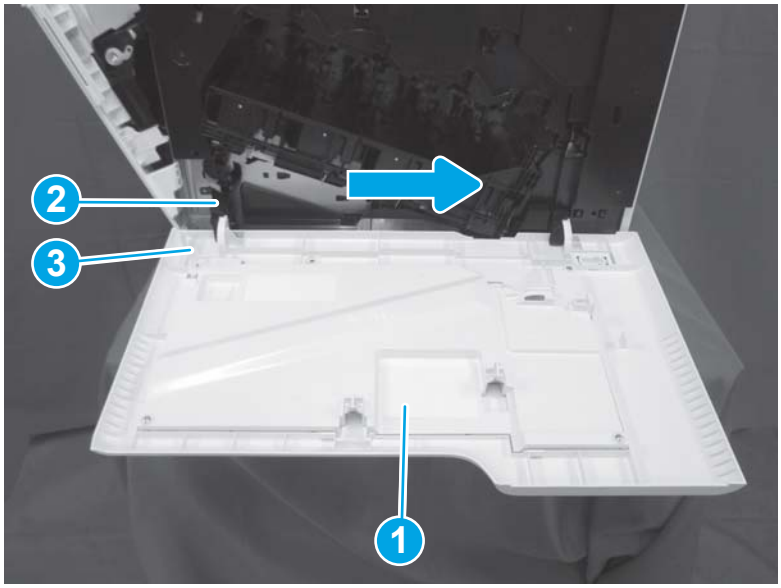


7. Slide the front door (callout 1) to the right to remove it.

NOTE: Remove the hinge (callout 2) and the link arm (callout 3) from the front door and install them on the replacement front door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1016 Remove the front door



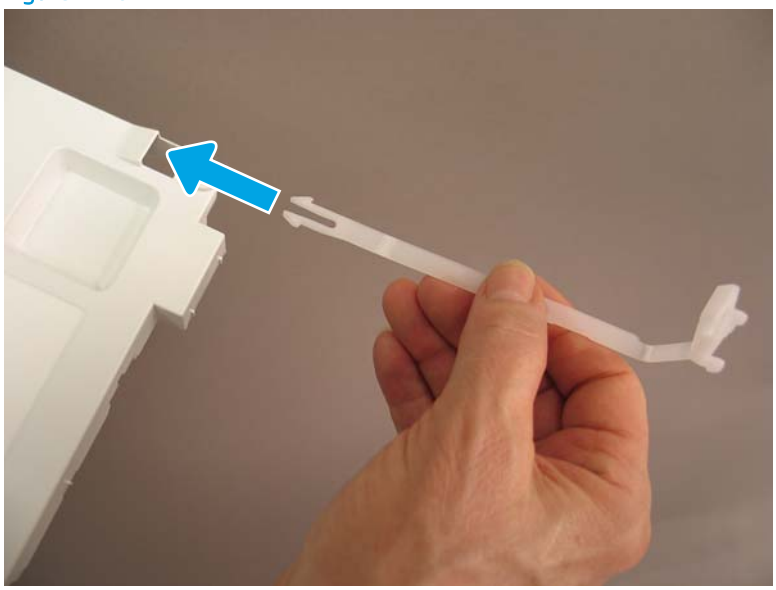
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Front door

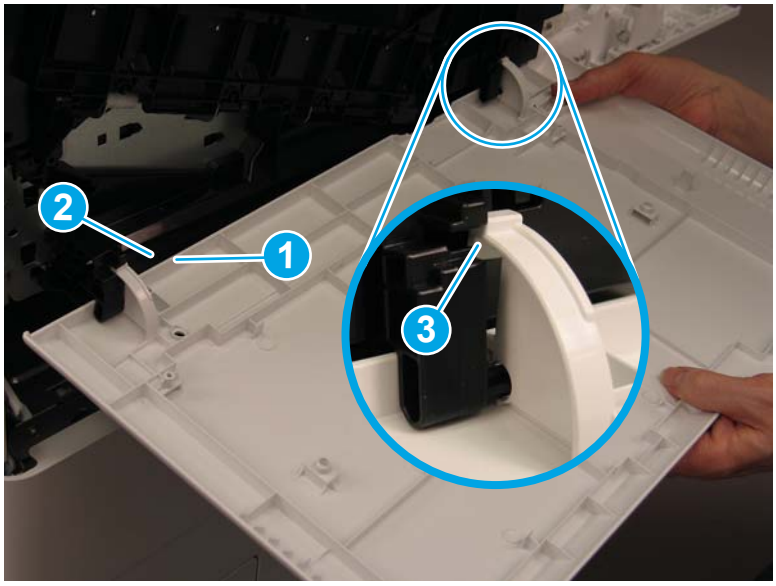
a. If the link arm becomes dislodged from the inner cover, reinstall it as shown in the figur below.

Figure 1-1017 Reinstall the link arm



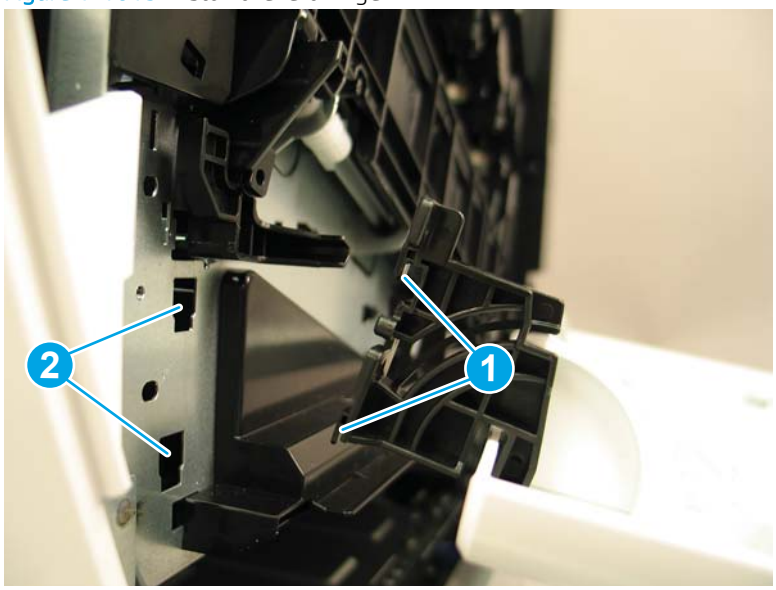
b. Install the right side of the door first Position the edge of the door (callout 1) over the black lip (callout 2), and then slide the right hinge into the black arm (callout 3).

Figure 1-1018 Install the right hinge



c. When reinstalling the left hinge, install the tabs (callout 1) on the hinge in the slots (callout 2) in the printer. Press down to lock the hinge in place.

Figure 1-1019 Install the left hinge



Step 2: Remove the power switch PCA

NOTE: HP recommends replacing both switches at the same time.

NOTE: The front inner cover is missing in some of the figure below. However, it is not necessary to remove this cover to remove the switch.

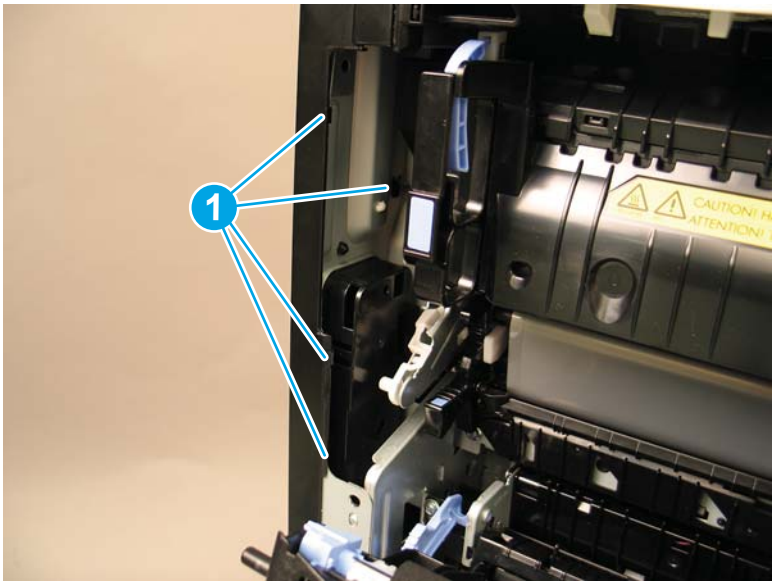
1. Open the following doors:

- Right door
- Left door

2. Release four tabs (callout 1).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

Figure 1-1020 Release four tabs

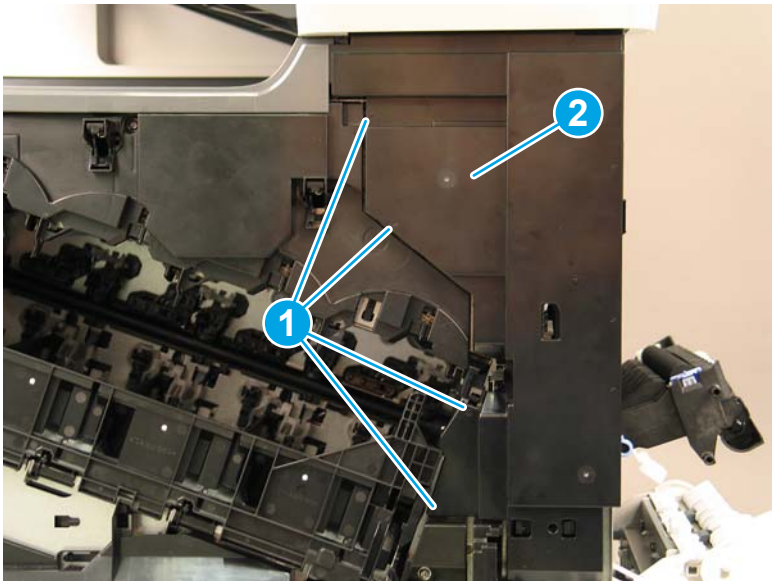


3. Release four bosses (callout 1), and then remove the front right inner cover (callout 2).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

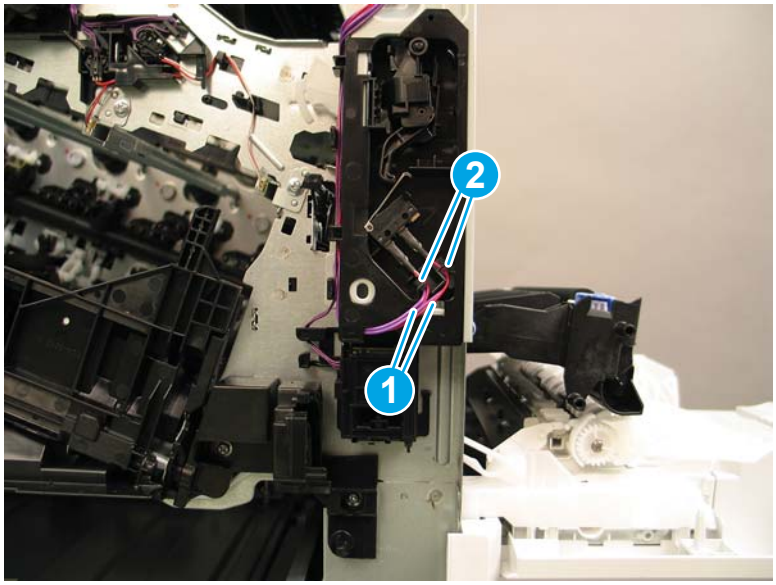
TIP: Push on the back side of the cover for easy release.

Figure 1-1021 Remove the front right inner cover



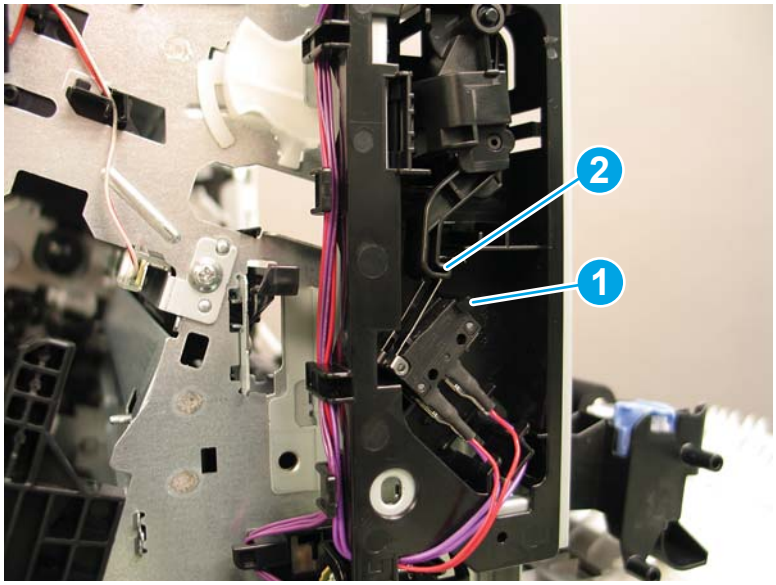
4. Release two cables (callout 1) from two hooks (callout 2).

Figure 1-1022 Release two cables



5. Release one tab (callout 1) and raise one hook (callout 2) to release the front switch.

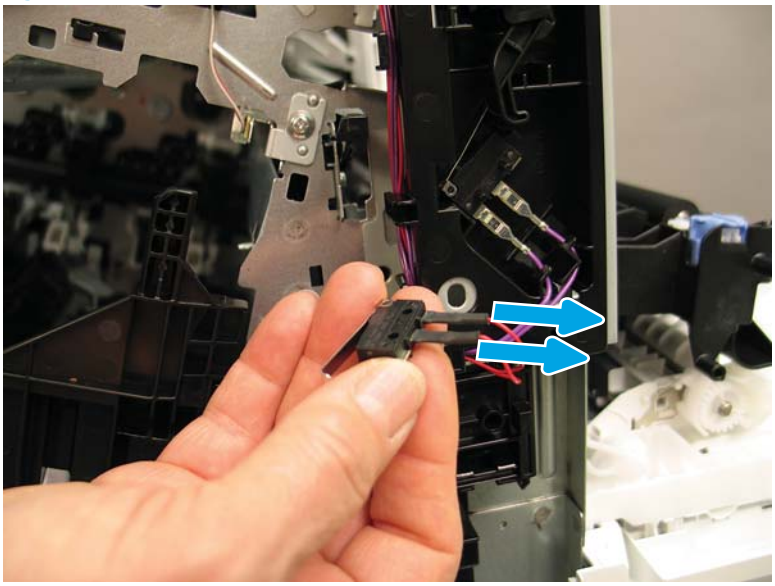
Figure 1-1023 Release the front switch



6. Remove the front switch, and then disconnect two connectors.

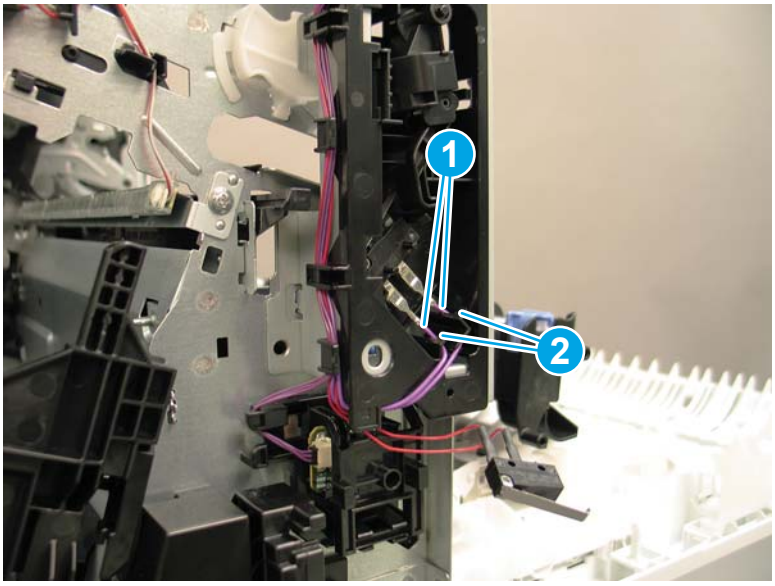
Reinstallation tip: Make sure that the red cables are reattached to the front switch.

Figure 1-1024 Disconnect two connectors



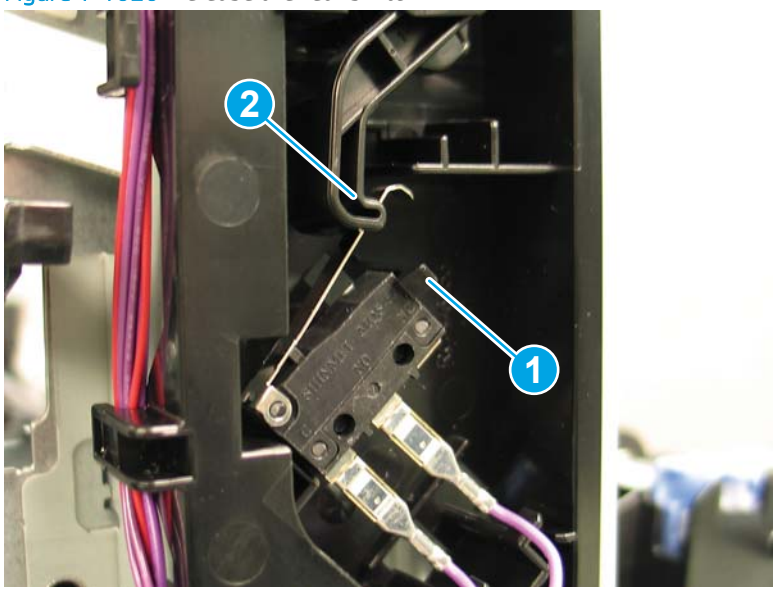
7. To remove the rear switch, release two cables (callout 1) from two hooks (callout 2).

Figure 1-1025 Release two cables



8. Release one tab (callout 1) and raise one hook (callout 2) to release the rear switch.

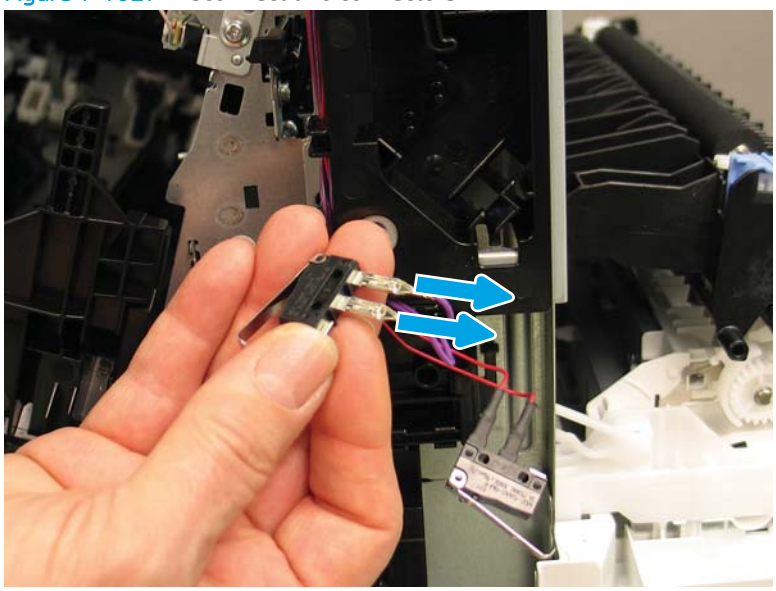
Figure 1-1026 Release the rear switch



9. Remove the rear switch, and then disconnect two connectors.

Reinstallation tip: Make sure that the purple cables are reattached to the rear switch.

Figure 1-1027 Disconnect two connectors

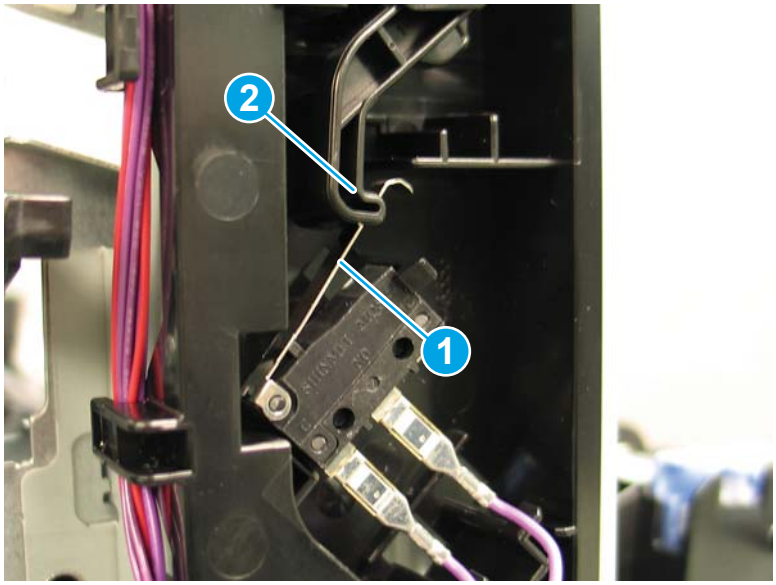


10. Reverse the removal steps to install the assemblies. Also use the following special installation instructions.

Special installation instructions: Switch

a. When reinstalling a switch, make sure that the silver hook on the switch (callout 1) is installed behind the plastic hook (callout 2) in the printer.

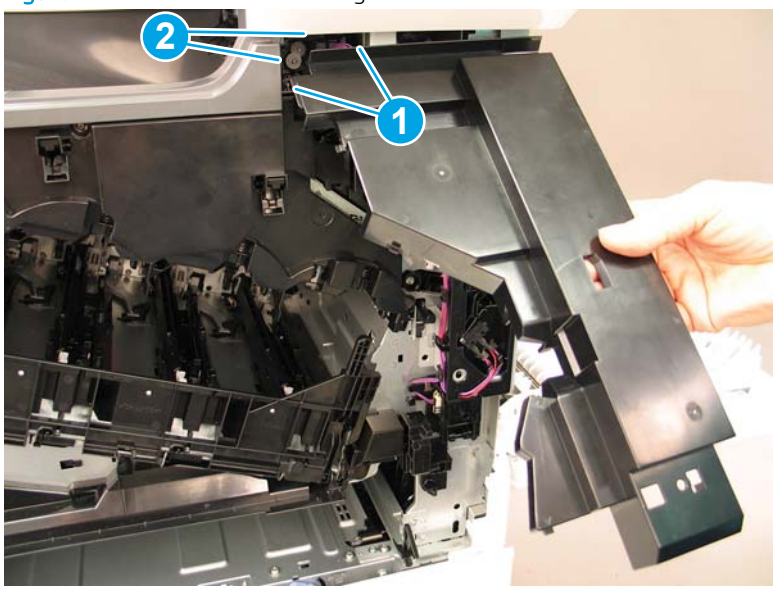
Figure 1-1028 Install the switch



b. When reinstalling the front right inner cover, position the upper left edges of the cover (callout 1) under the edges of the printer covers (callout 2).

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1029 Install the front right inner cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left upper front and left upper rear fans

- Introduction
- Step 1: Remove the toner collection unit (TCU)
- Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 15: Remove the output bin
- Step 16: Remove the formatter cover
- Step 17: Remove the left door
- Step 18: Remove the left rear cover
- Step 19: Remove the left upper front and left upper rear fans
- Step 20: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left upper front and left upper rear fans.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

> **WARNING!** To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left upper front and left upper rear fans part numbers	
RK2-7951-000CN	Left upper front fan
RK2-7949-000CN	Left upper rear fan

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

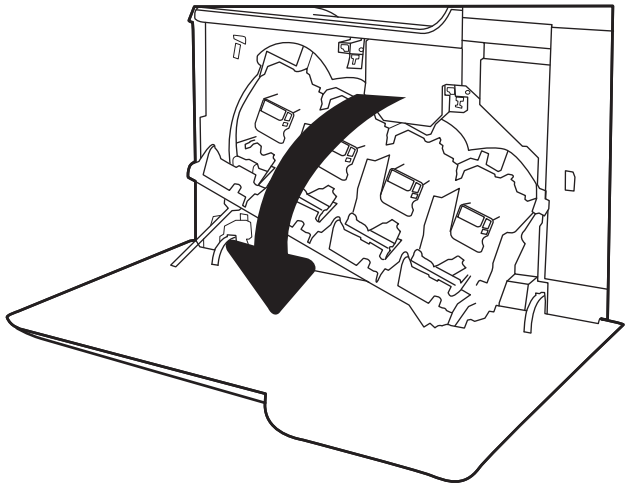
Step 1: Remove the toner collection unit (TCU)

> **NOTE:** The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

> **CAUTION:** If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

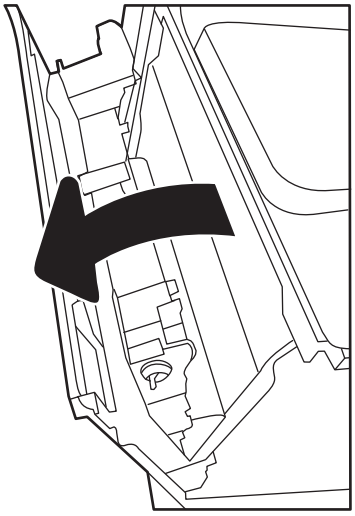
1. Open the front door.

Figure 1-1030 Open the front door



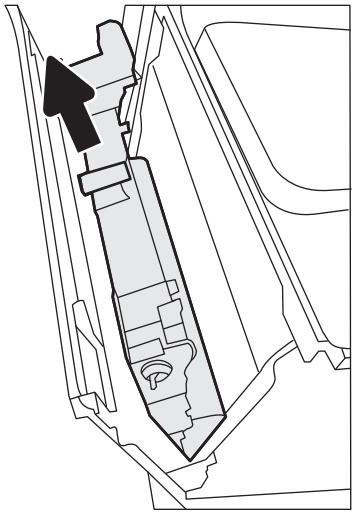
2. Open the left door.

Figure 1-1031 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

Figure 1-1032 Remove the TCU



Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

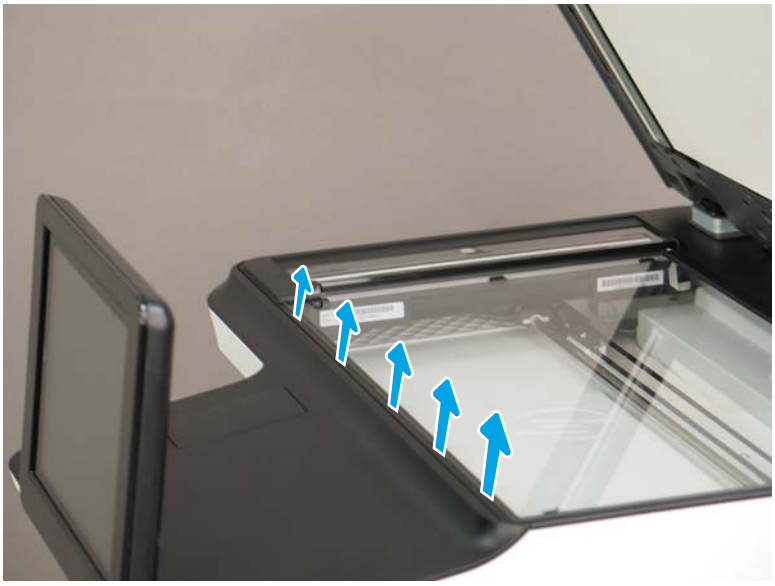
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1033 Tilt the control panel and open the document feeder



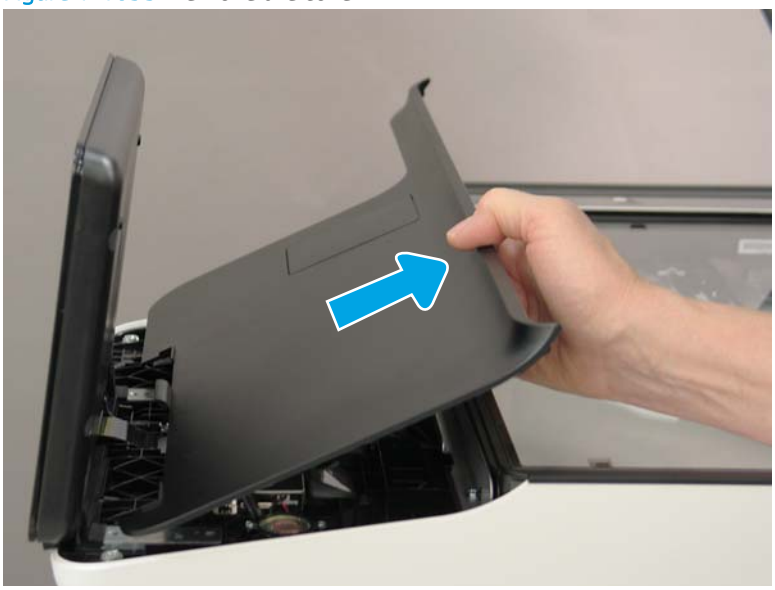
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1034 Release fiv tabs



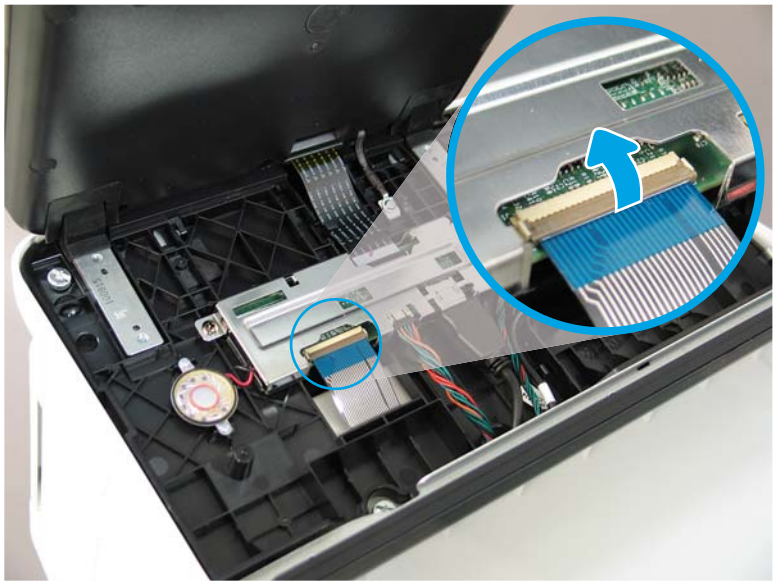
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1035 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1036 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1037 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1038 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1039 Remove the keyboard



Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

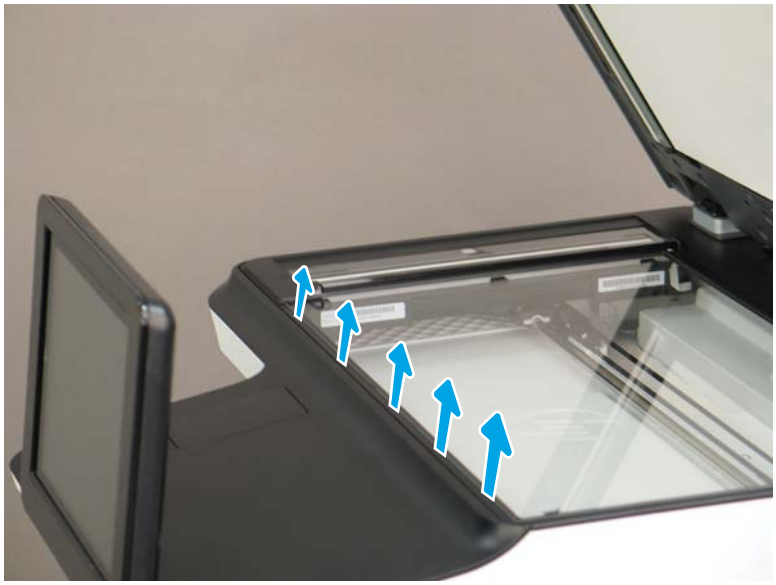
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1040 Tilt the control panel forward and open the document feeder



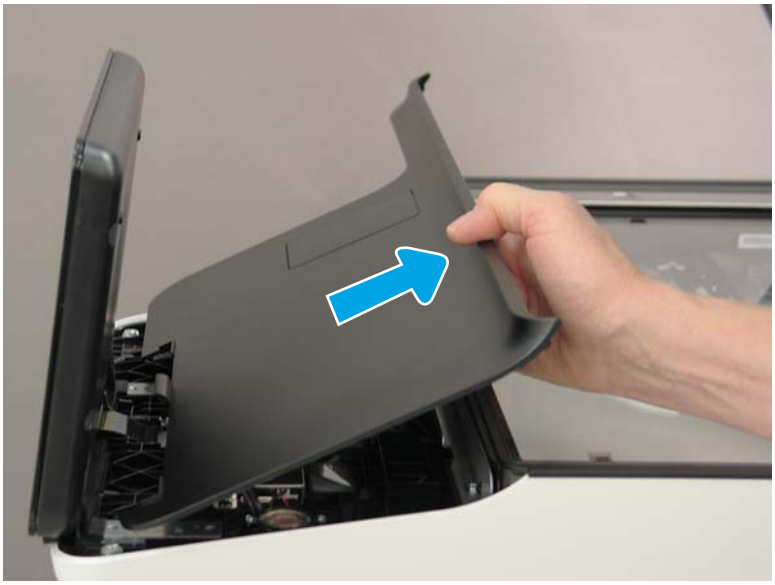
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1041 Release fiv tabs



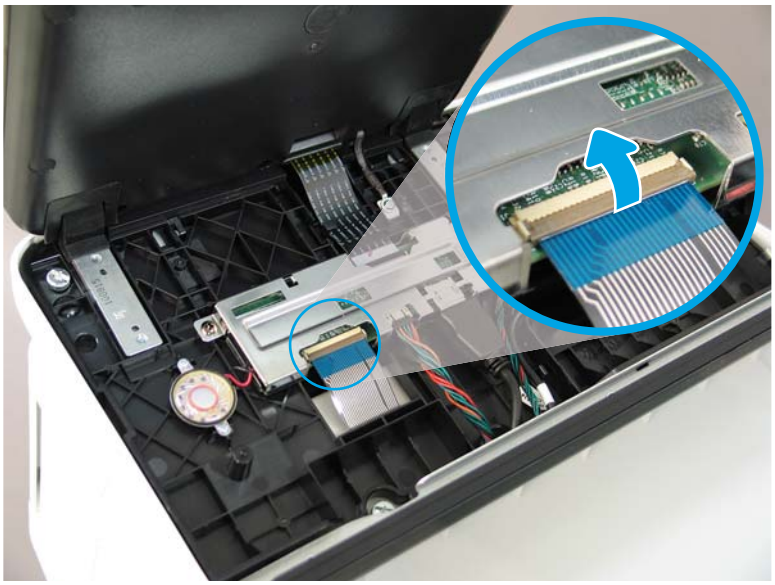
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1042 Remove the cover



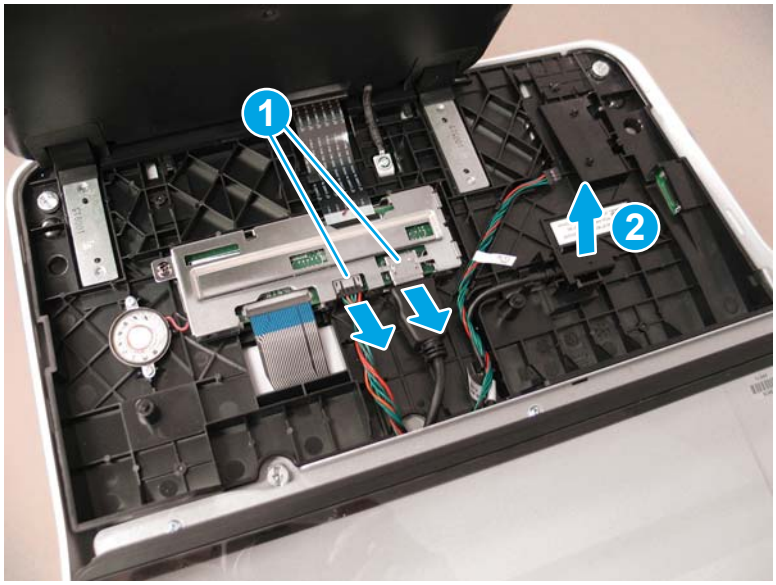
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1043 Disconnect the keyboard fla cable (keyboard models only)



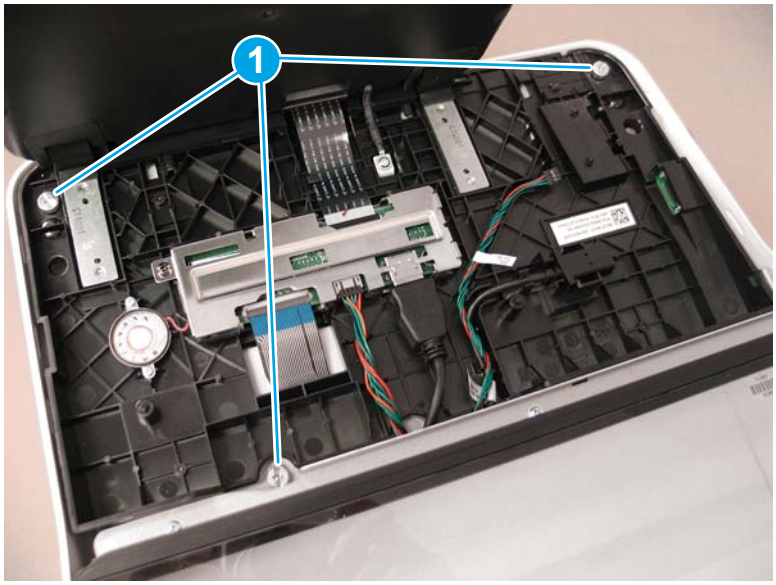
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1044 Disconnect connectors



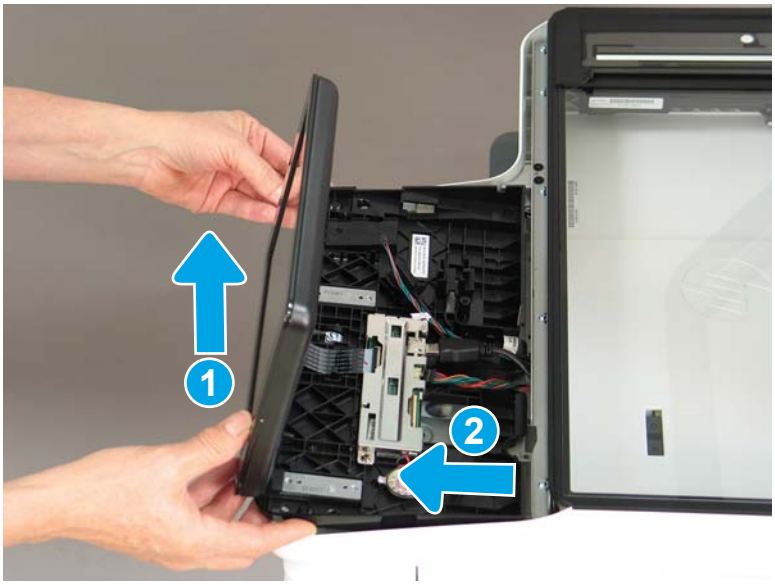
6. Remove three thumbscrews (callout 1).

Figure 1-1045 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1046 Remove the control panel

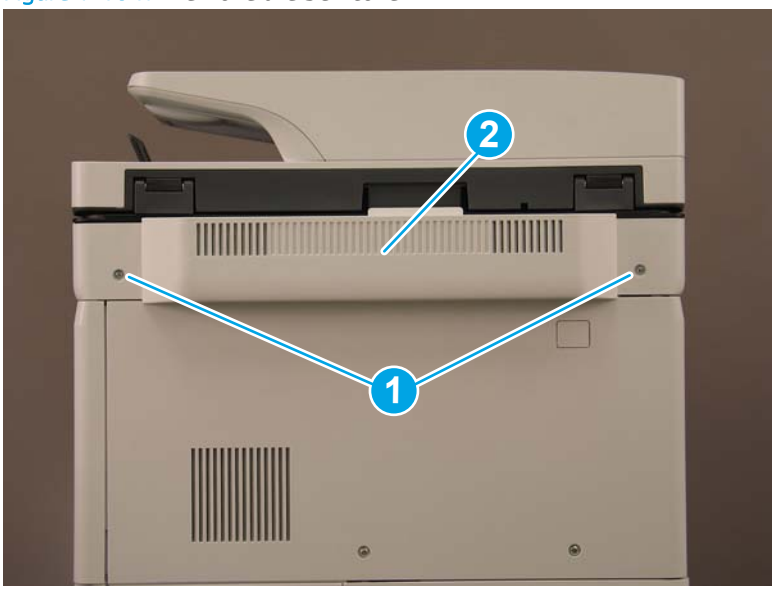


Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

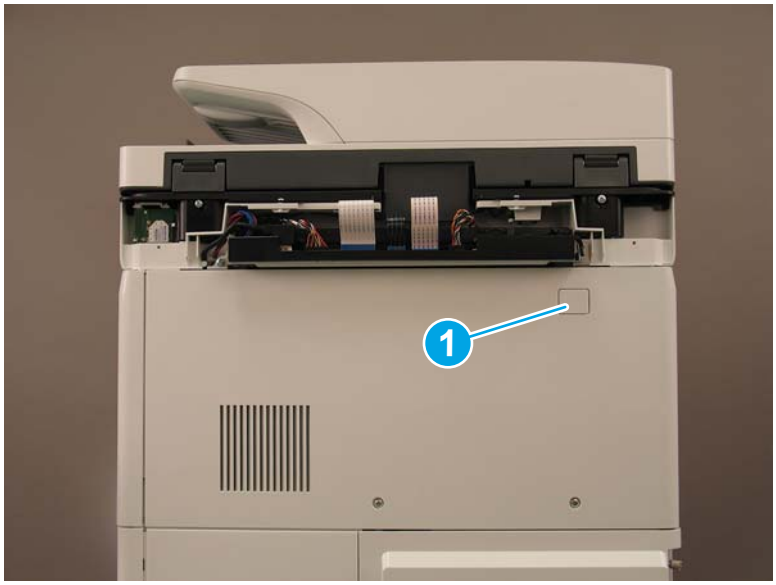
Figure 1-1047 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

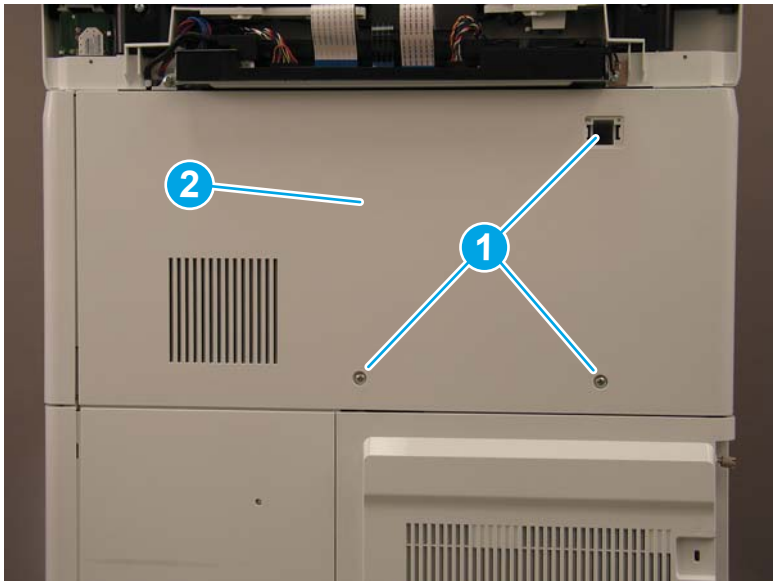
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-1048 Remove the small cover



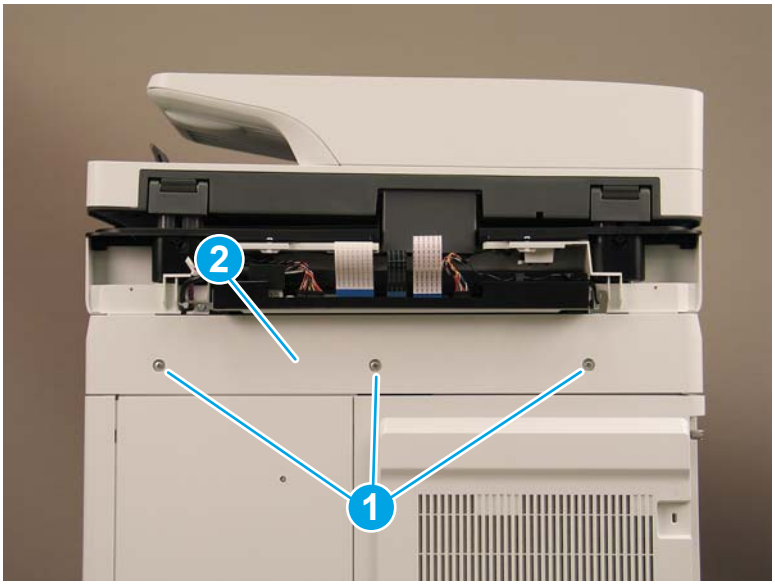
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1049 Remove the stapler/stacker rear cover



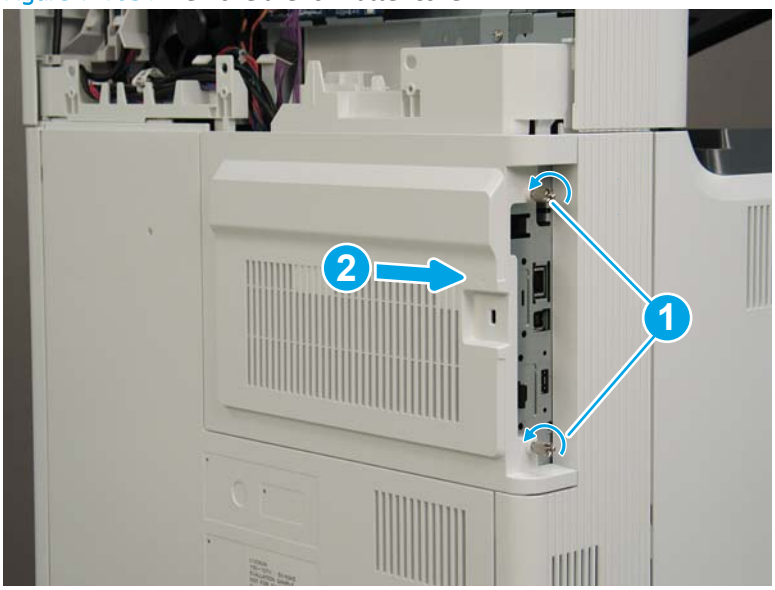
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1050 Remove the upper rear cover



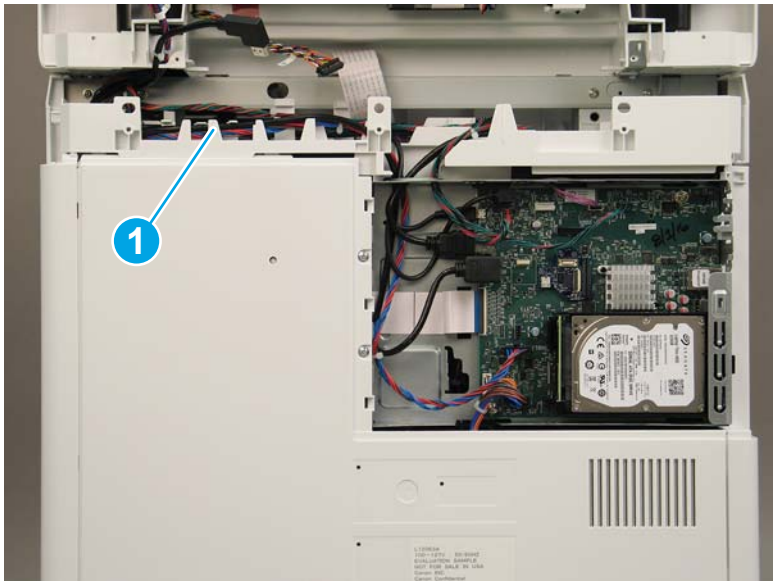
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1051 Remove the formatter cover



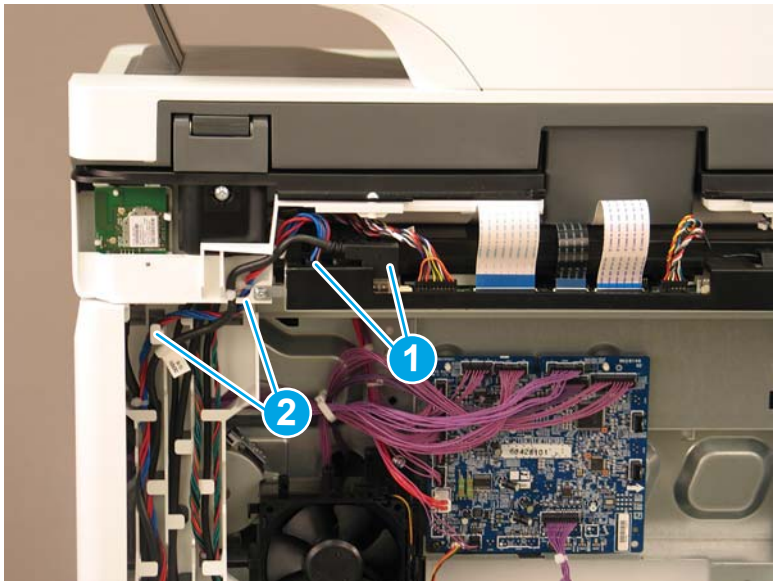
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1052 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1053 Disconnect two connectors



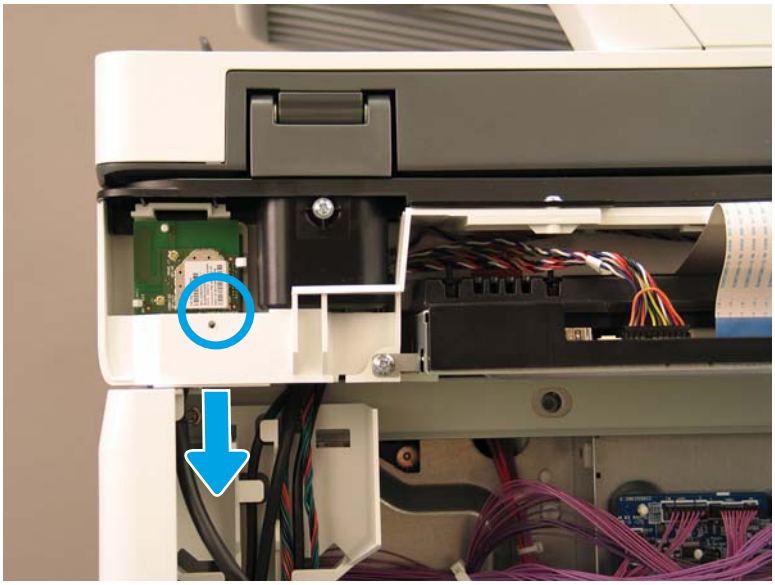
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1054 Disconnect fiv connectors



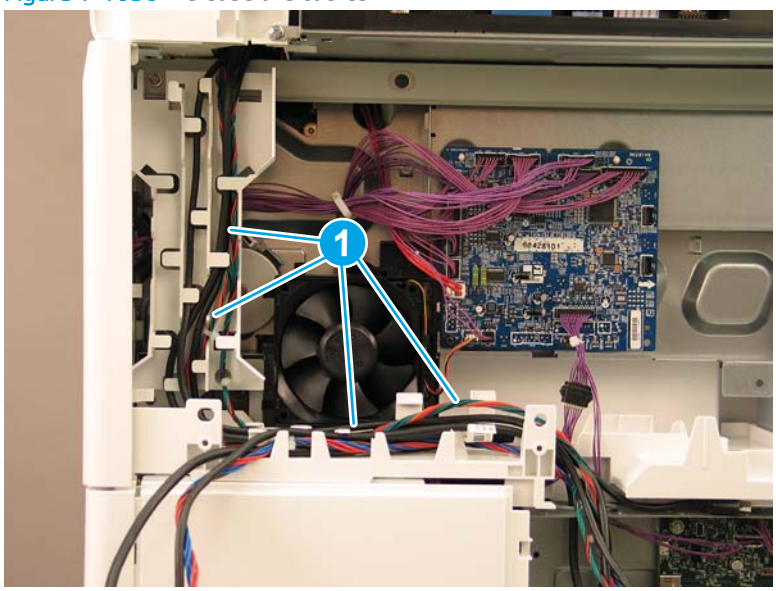
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1055 Disconnect the wireless connector



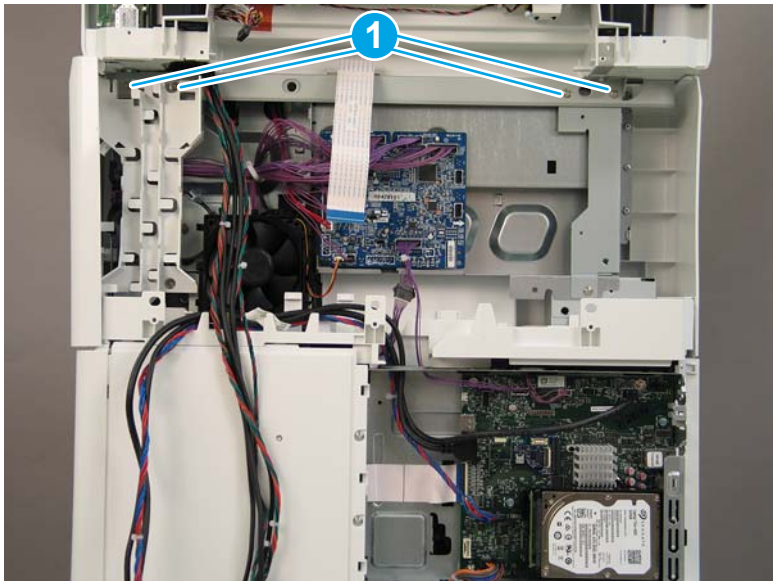
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1056 Release the cables



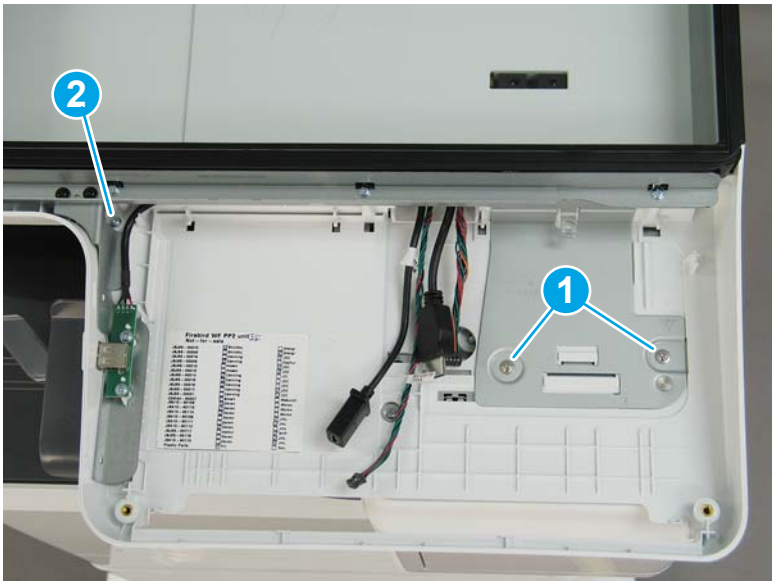
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1057 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1058 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1059 Remove the document feeder and image scanner



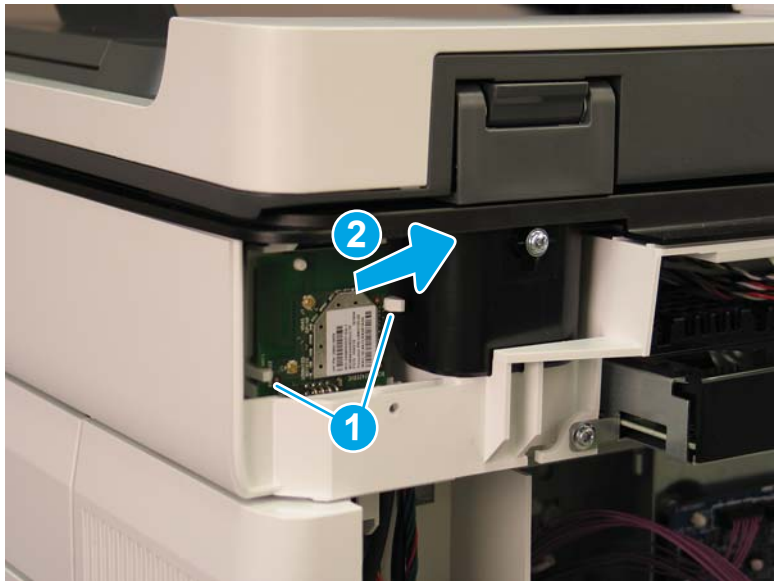
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

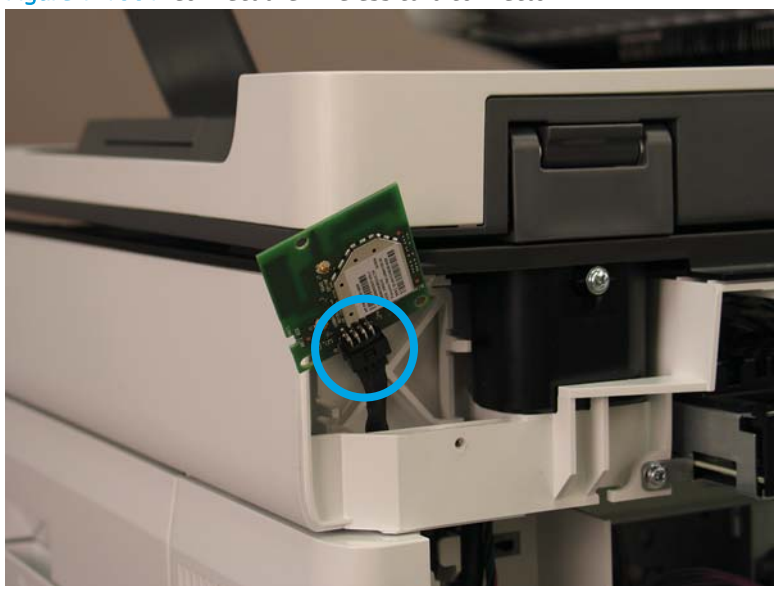
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1060 Remove the wireless card



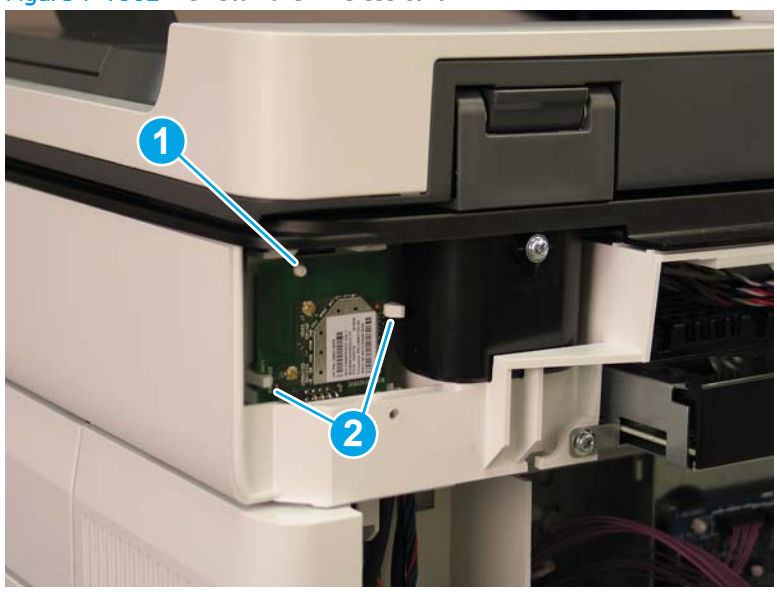
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1061 Connect the wireless card connector



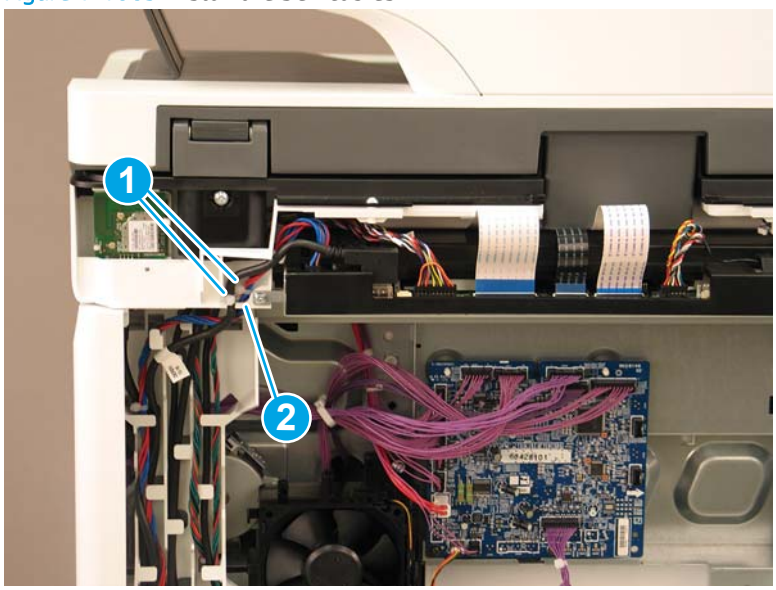
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1062 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1063 Install the SCB cables



Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

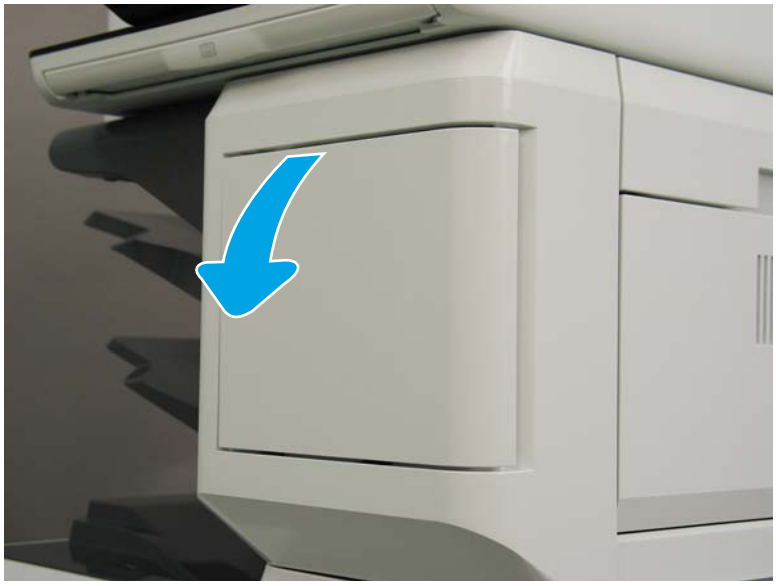
1. Open the front door.

Figure 1-1064 Open the front door



2. Open the stapler door.

Figure 1-1065 Open the stapler door



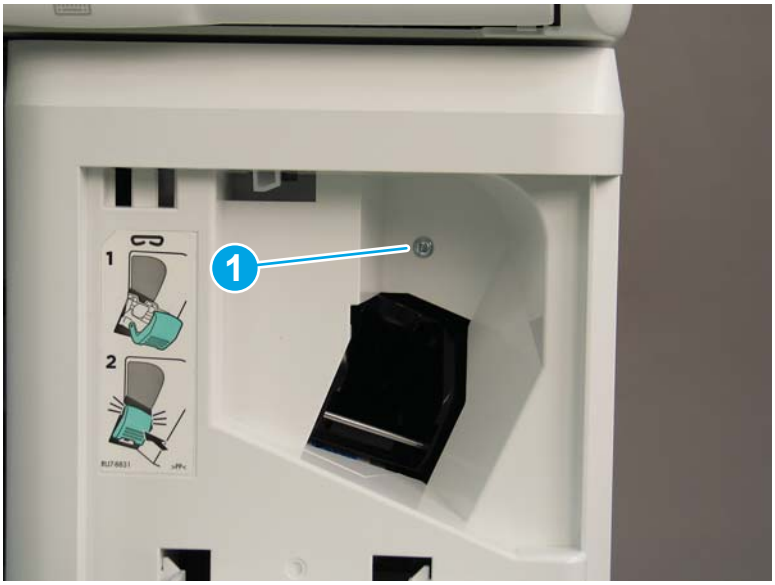
3. Release the latch, and then remove the staple cartridge.

Figure 1-1066 Remove the staple cartridge



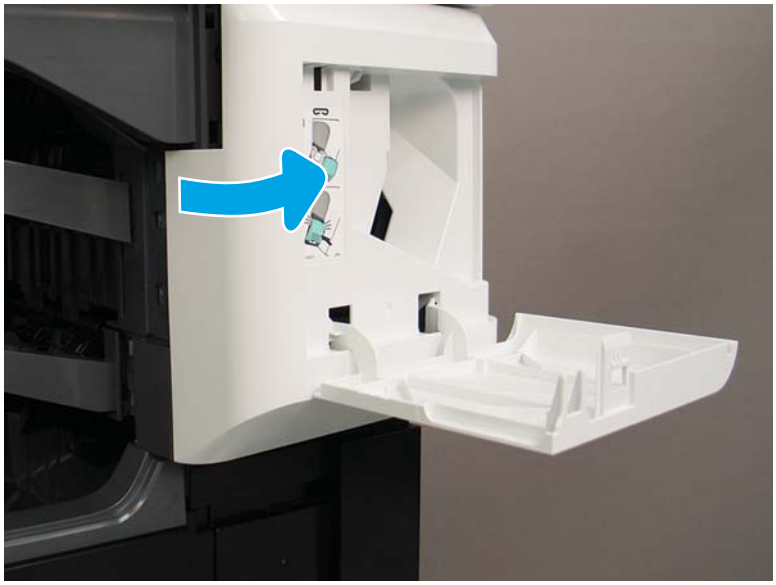
4. Remove one screw (callout 1).

Figure 1-1067 Remove one screw



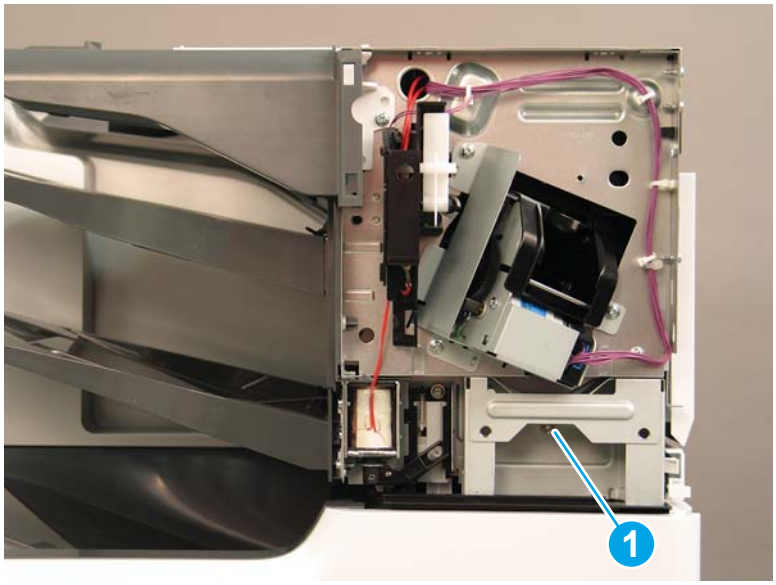
5. Rotate the stapler cover to the right to remove it.

Figure 1-1068 Remove the stapler cover



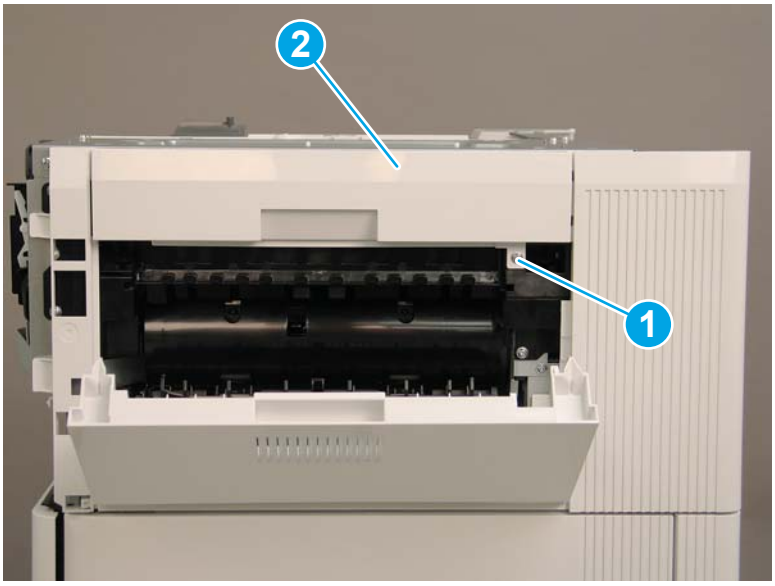
6. Remove one screw (callout 1).

Figure 1-1069 Remove one screw



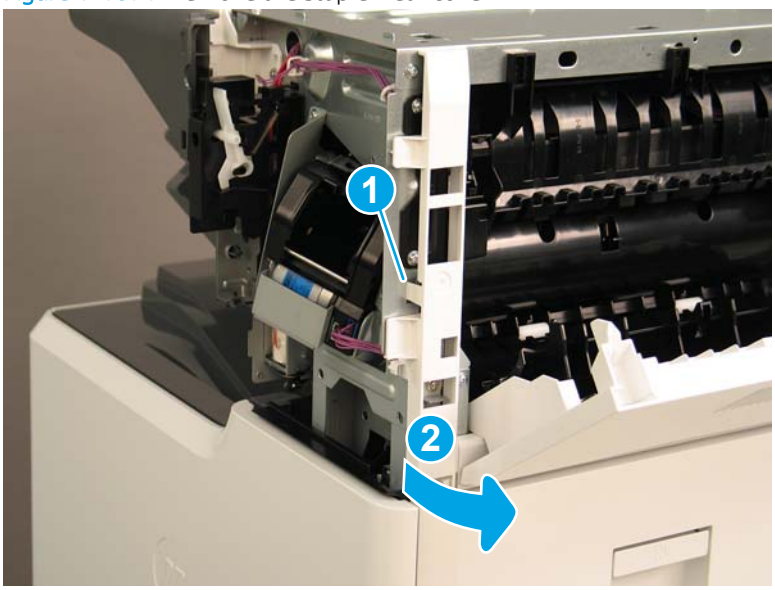
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1070 Remove the stapler/stacker right upper cover



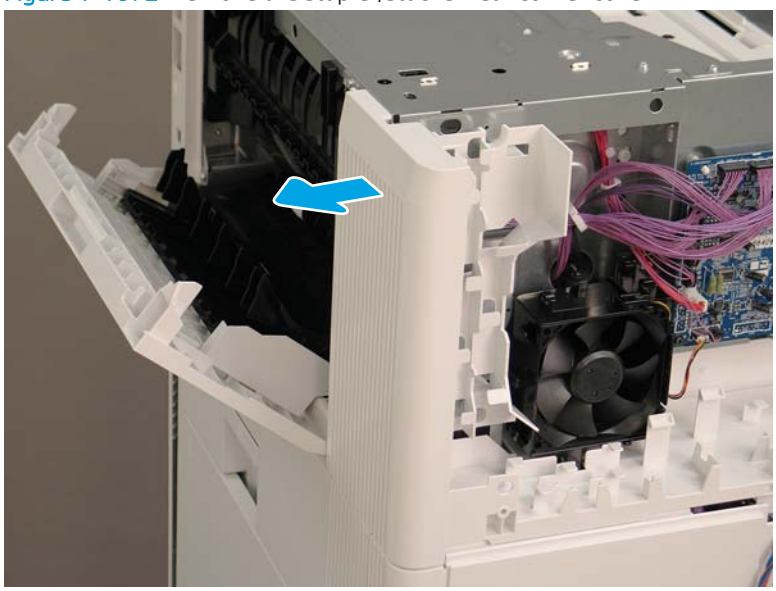
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1071 Remove the stapler rear cover



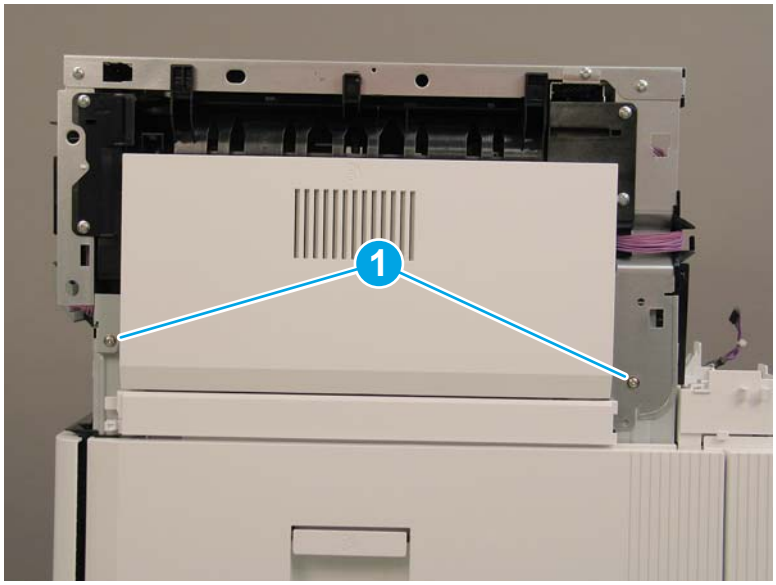
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1072 Remove the stapler/stacker rear corner cover



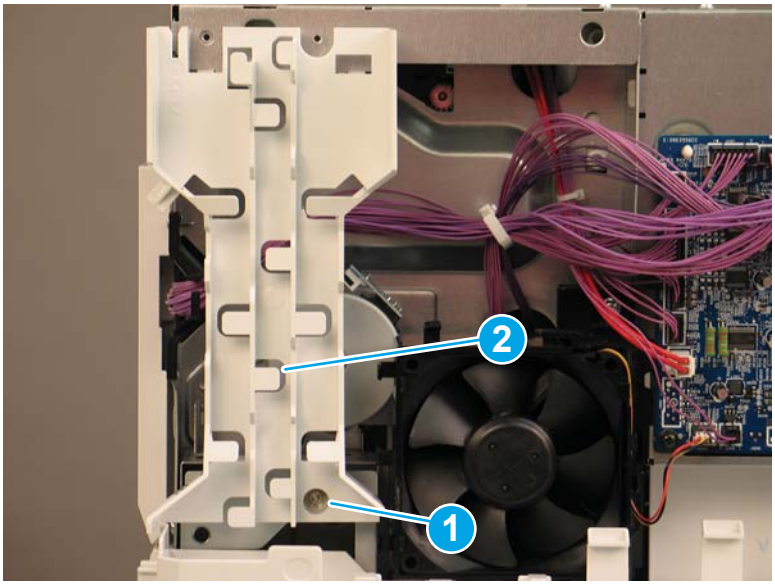
10. Remove two screws (callout 1).

Figure 1-1073 Remove two screws



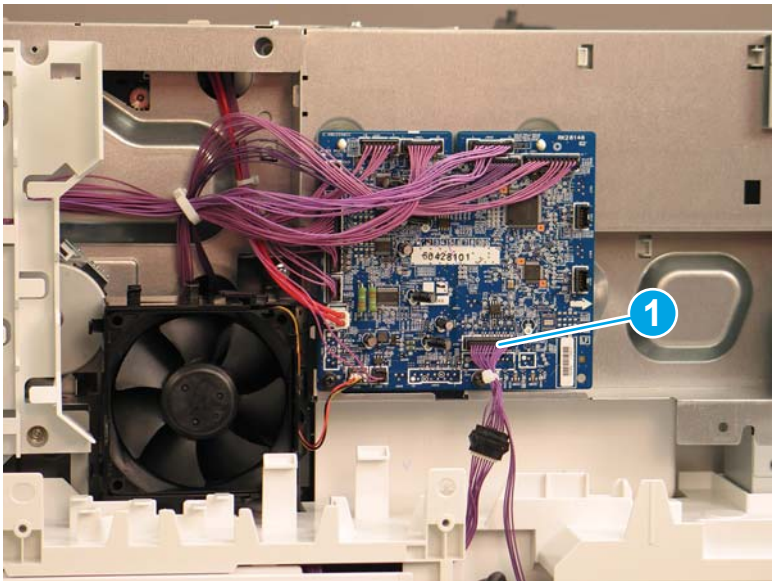
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1074 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

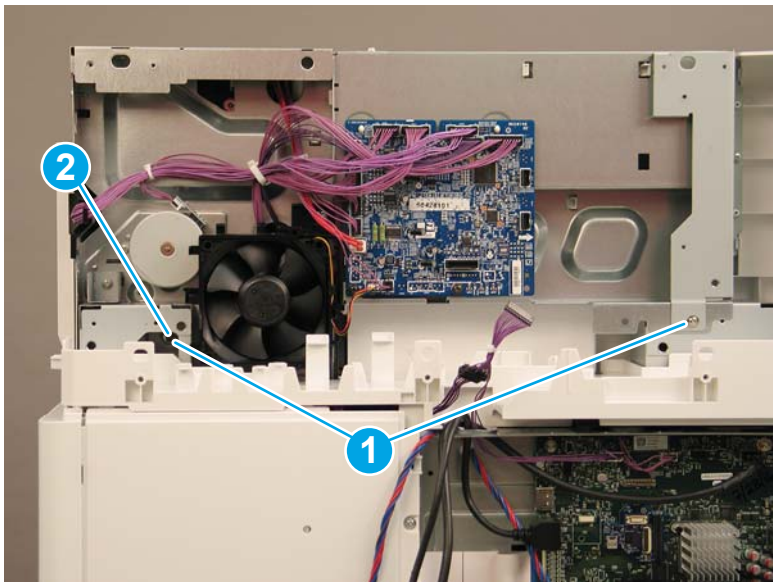
Figure 1-1075 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

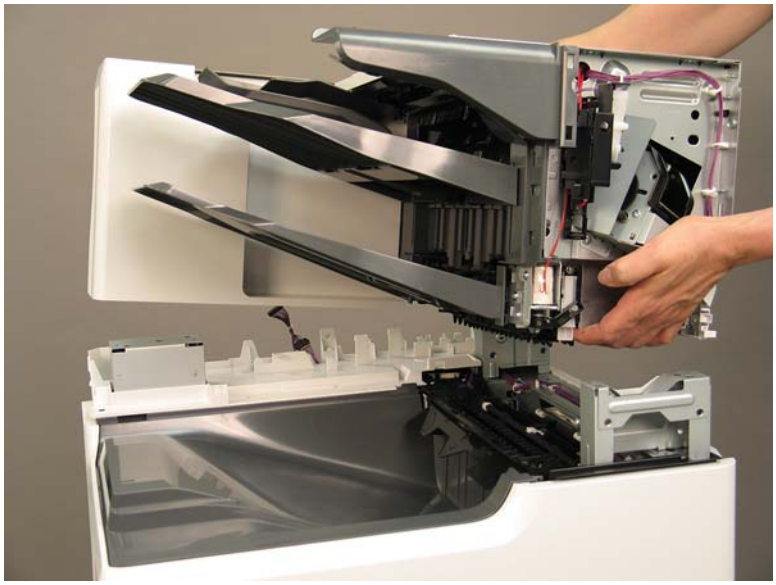
Figure 1-1076 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1077 Remove the stapler/stacker

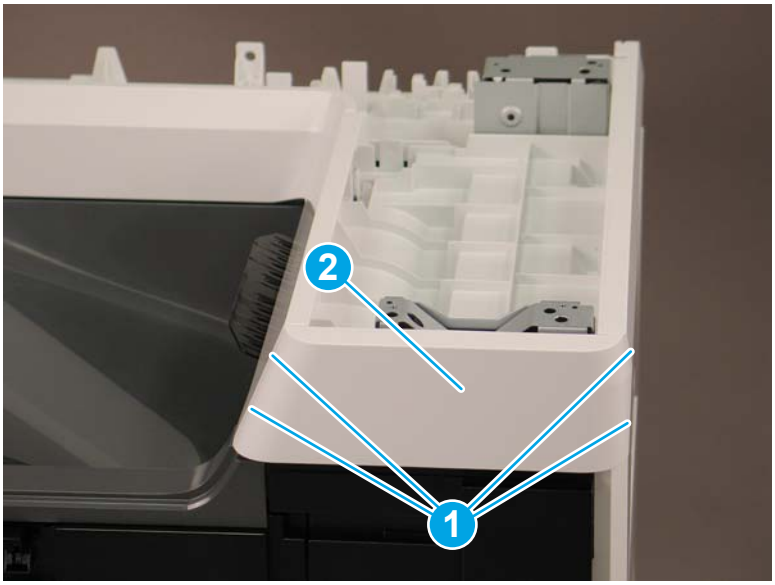


Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1078 Remove the face-down front cover



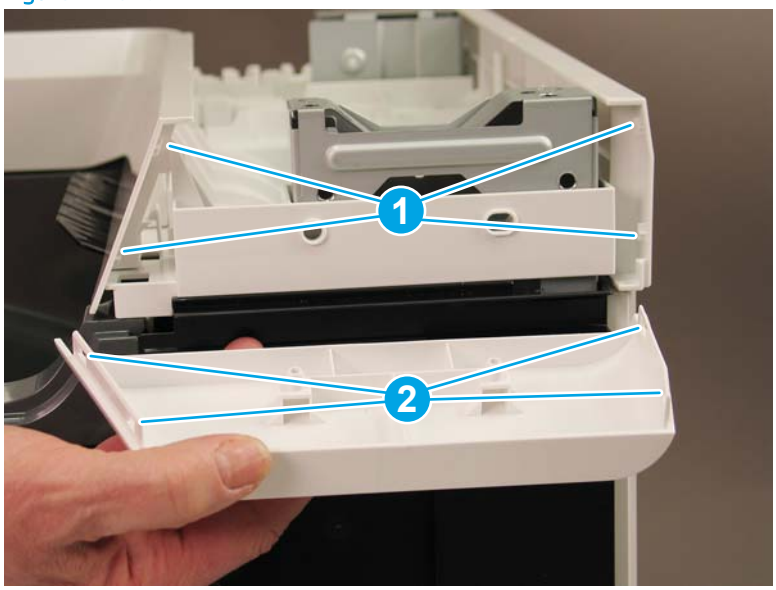
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1079 Install the cover



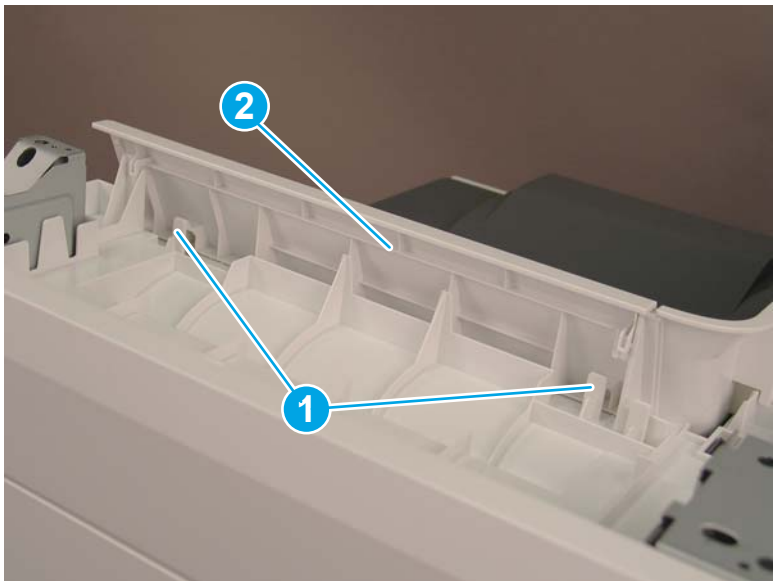
Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1080 Remove the top cover



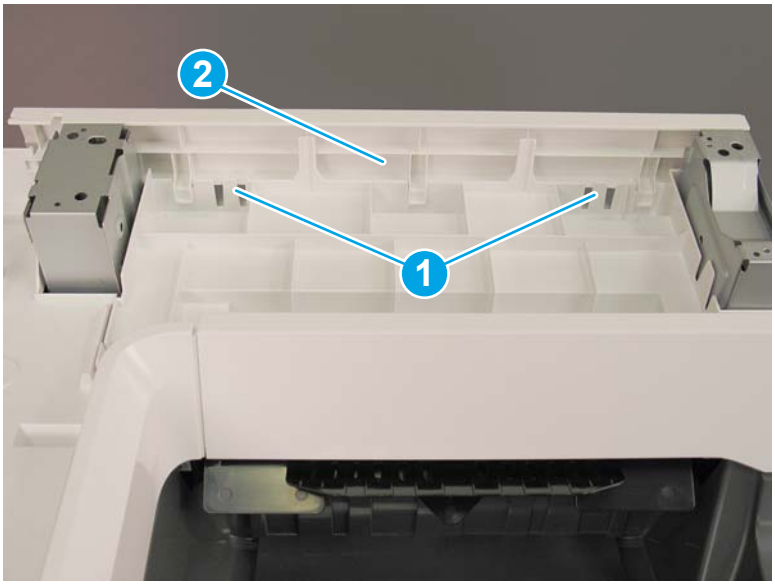
Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1081 Remove the right cover



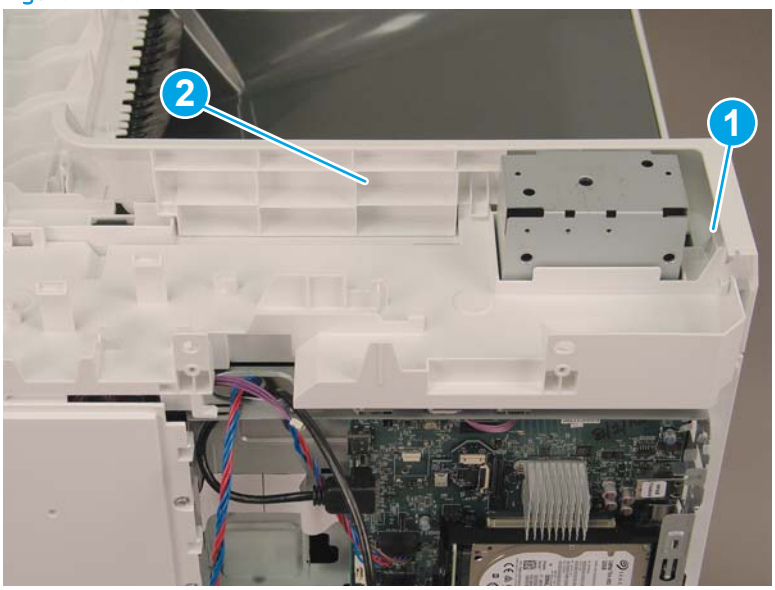
Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1082 Remove the front cover



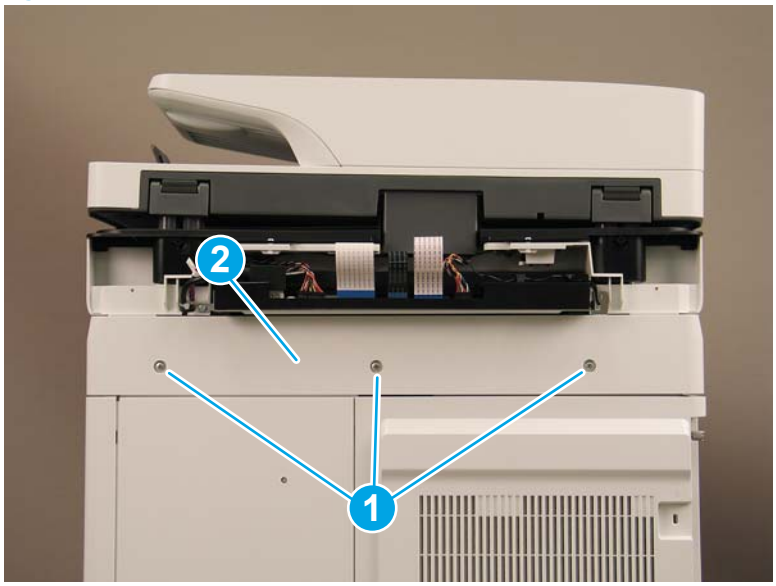
Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

▲ Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1083 Remove the rear upper cover



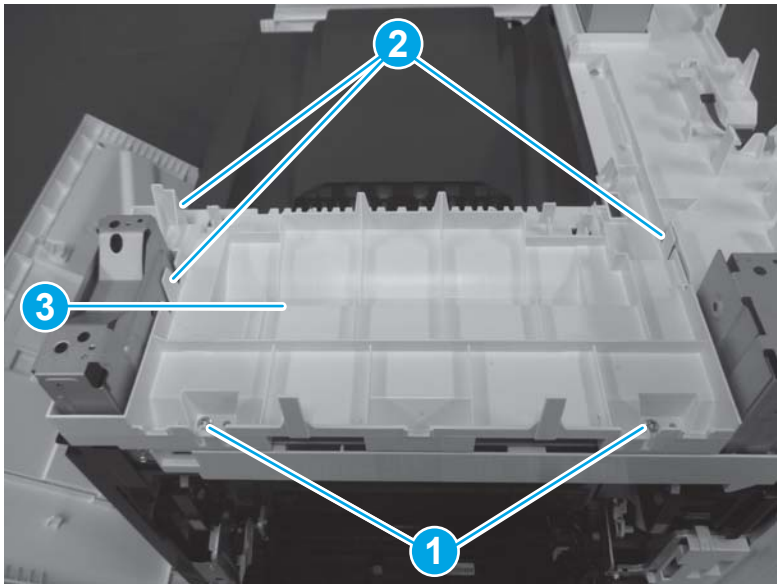
Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

▲ Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1084 Remove two screws and the face-down cover

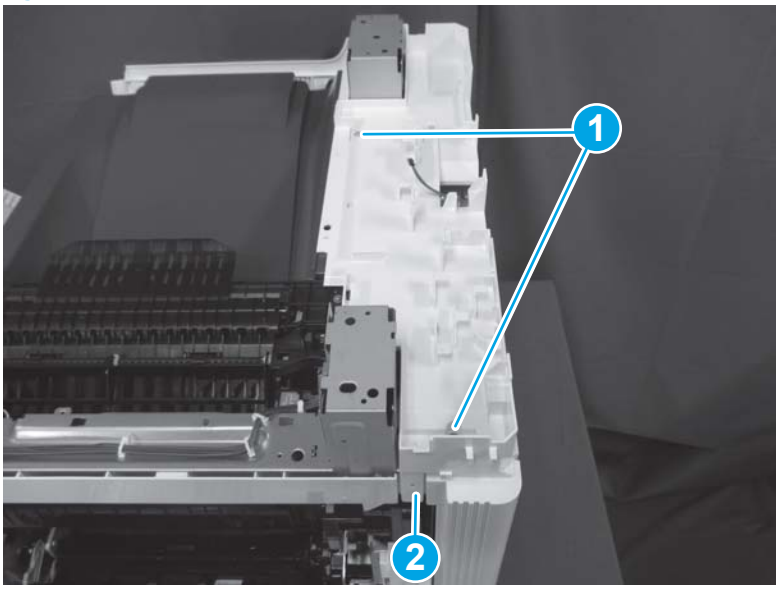


Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 713

1. Remove two screws (callout 1), and then release one tab (callout 2).

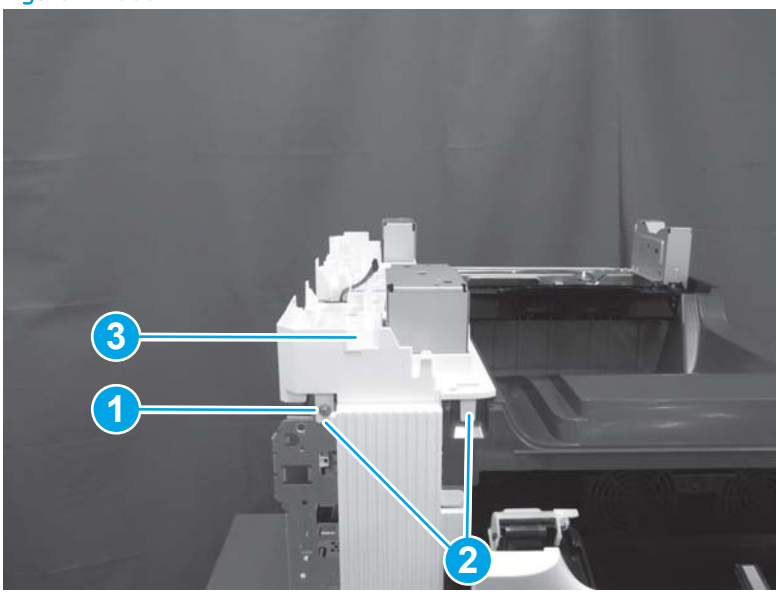
Figure 1-1085 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1086 Remove one screw and the main cover



Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 15: Remove the output bin on page 717

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1087 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1088 Remove the cover



3. Remove one thumbscrew (callout 1)

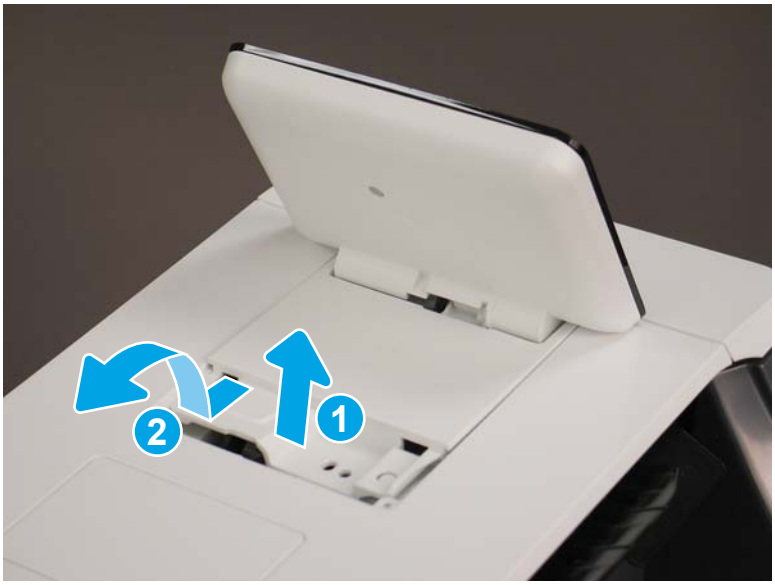
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1089 Remove one thumbscrew



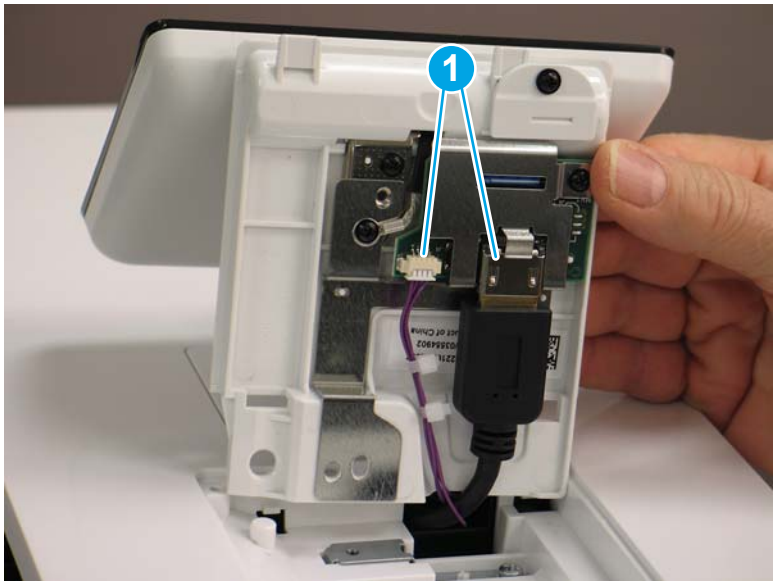
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1090 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1091 Disconnect two connectors



6. Remove the control panel.

Figure 1-1092 Remove the control panel



Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

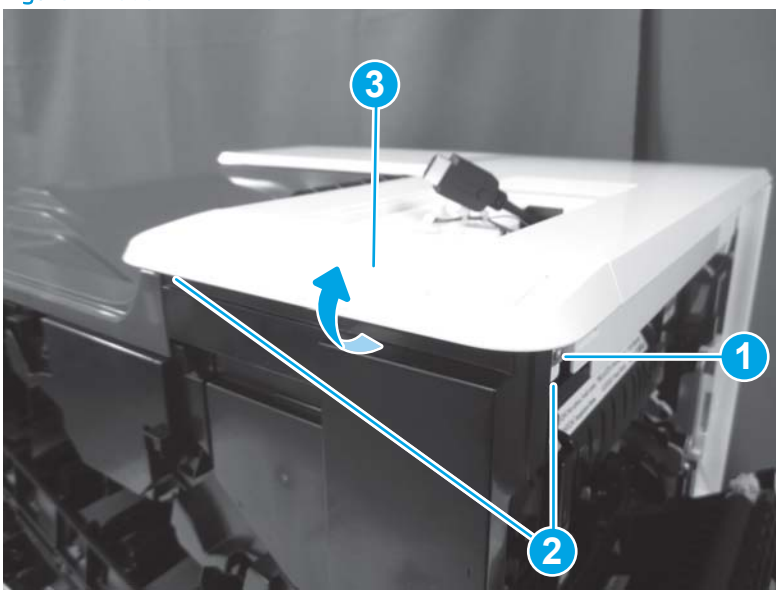
NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 15: Remove the output bin on page 717

1. Open the following doors:

- Front door
- Left door
- Right door

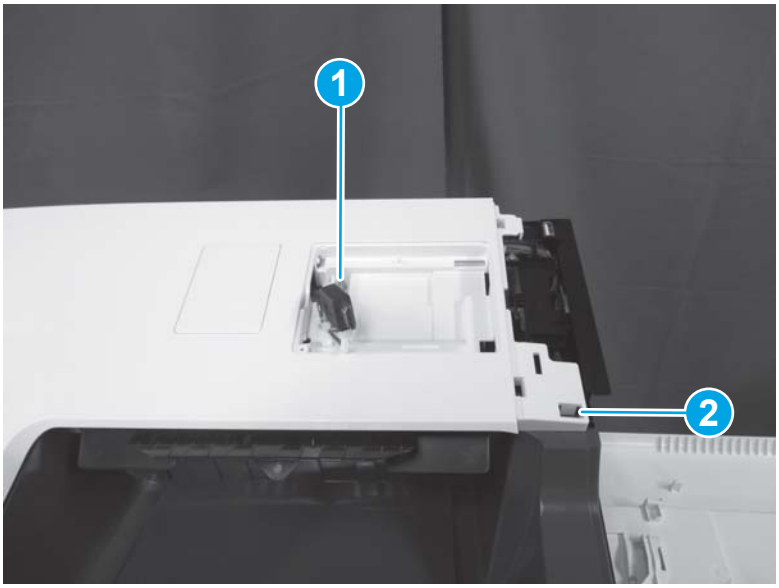
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1093 Remove the NFC cover



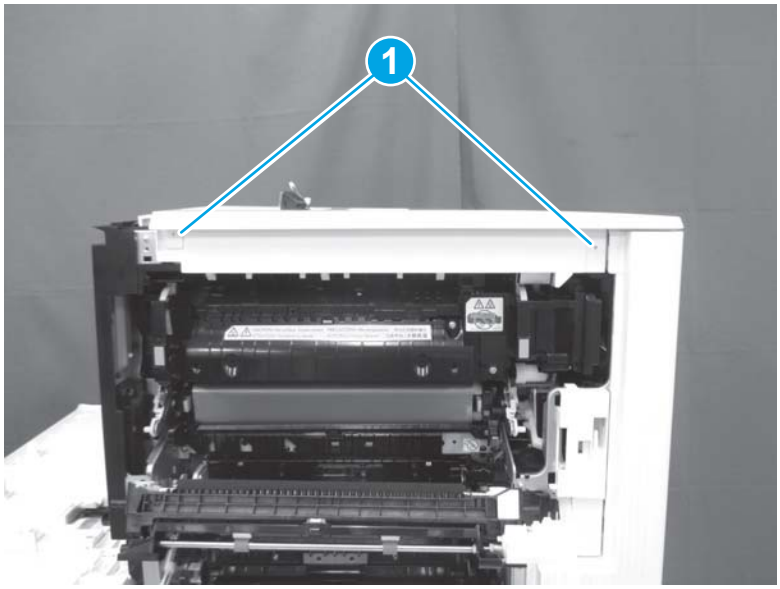
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1094 Remove one screw and release one tab



4. Release two tabs (callout 1).

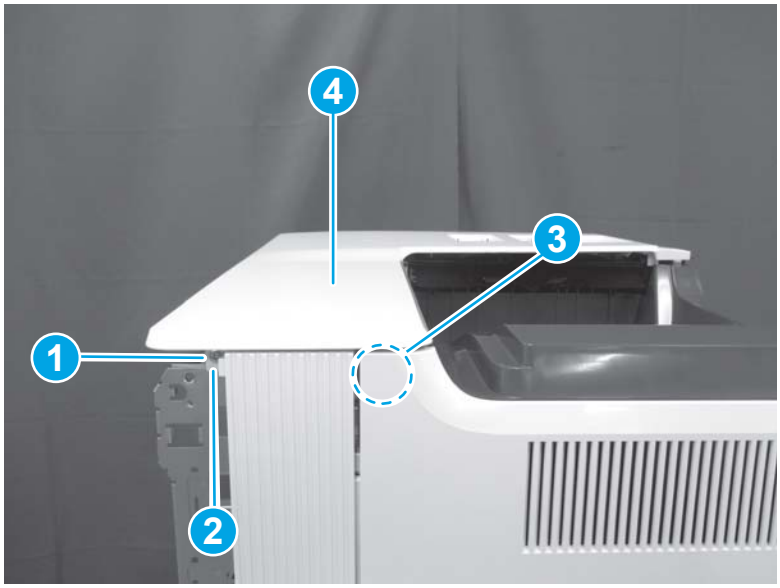
Figure 1-1095 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1096 Remove the top cover



Step 15: Remove the output bin

1. Open the following doors:

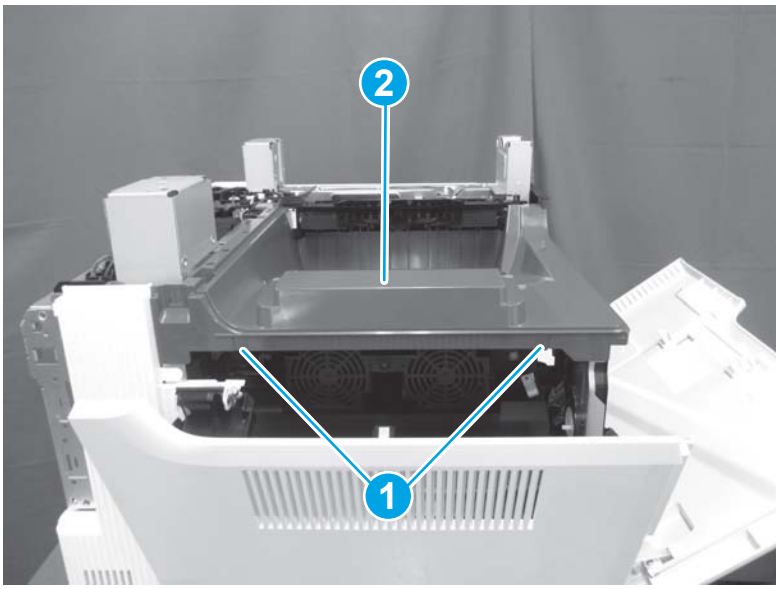
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1097 Remove the output bin

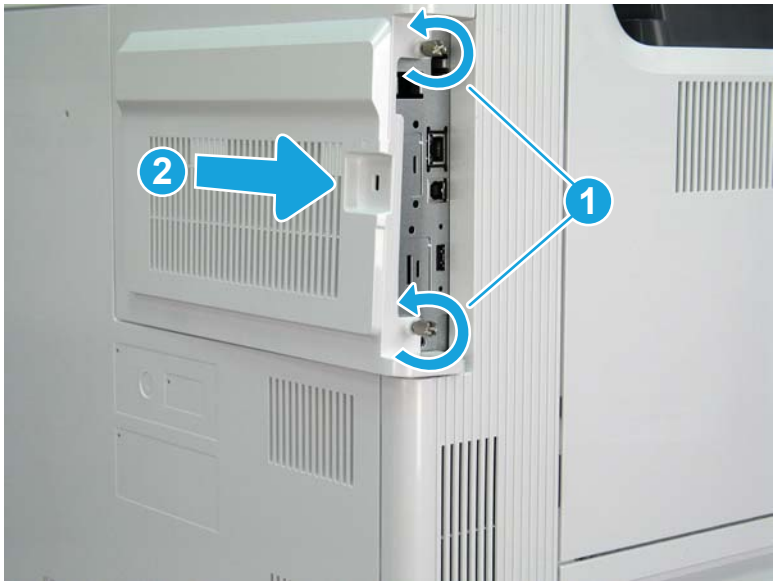


Step 16: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1098 Remove the formatter cover



Step 17: Remove the left door

1. Open front door.

Figure 1-1099 Open front door

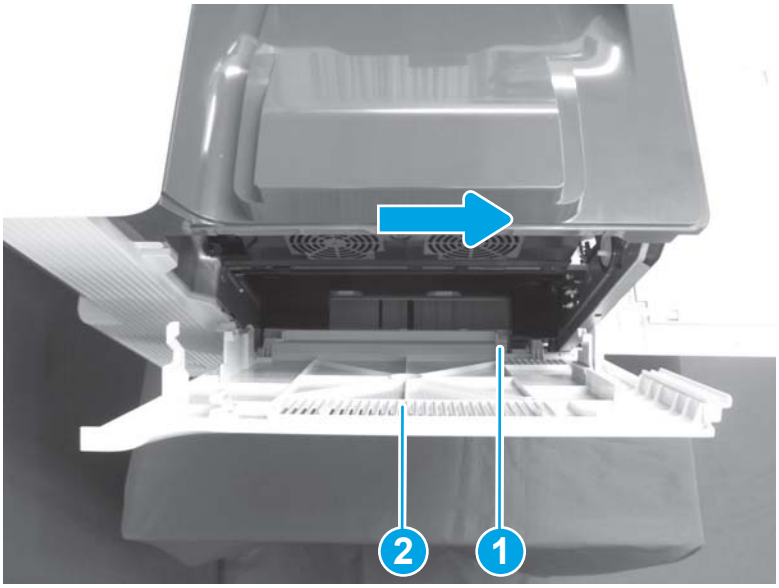


2. Press on the tab (callout 1) while sliding the left door (callout 2) to the right to remove it.

NOTE: Make sure that the front door is not blocking the left door at the lower corner.

Reinstallation tip: Reverse the removal steps to install the assembly.

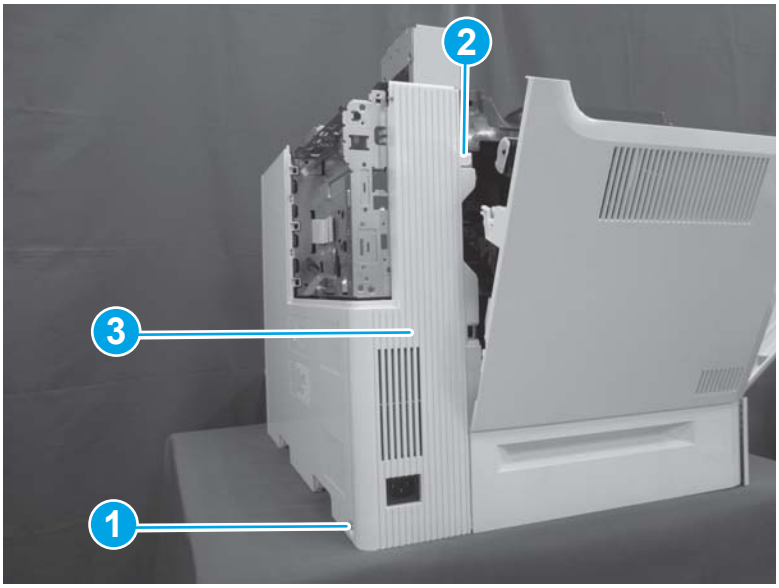
Figure 1-1100 Remove the left door



Step 18: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1101 Remove the left rear cover



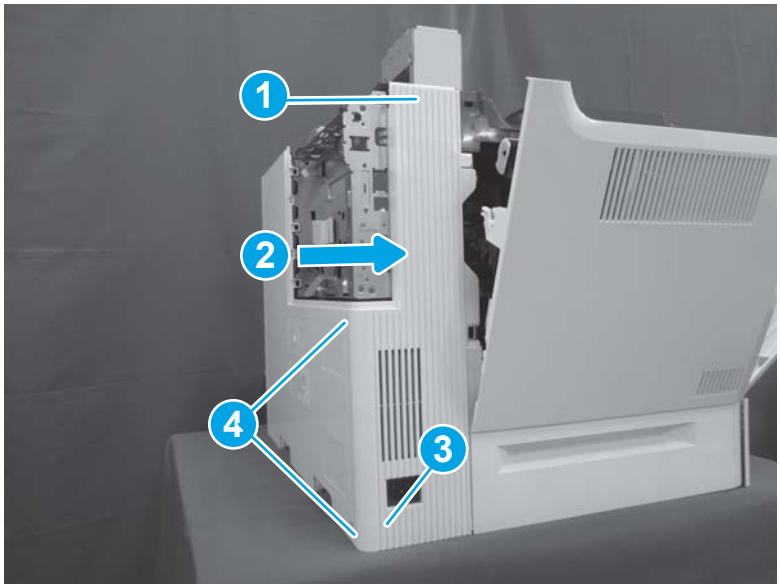
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1102 Install the left rear cover



Step 19: Remove the left upper front and left upper rear fans

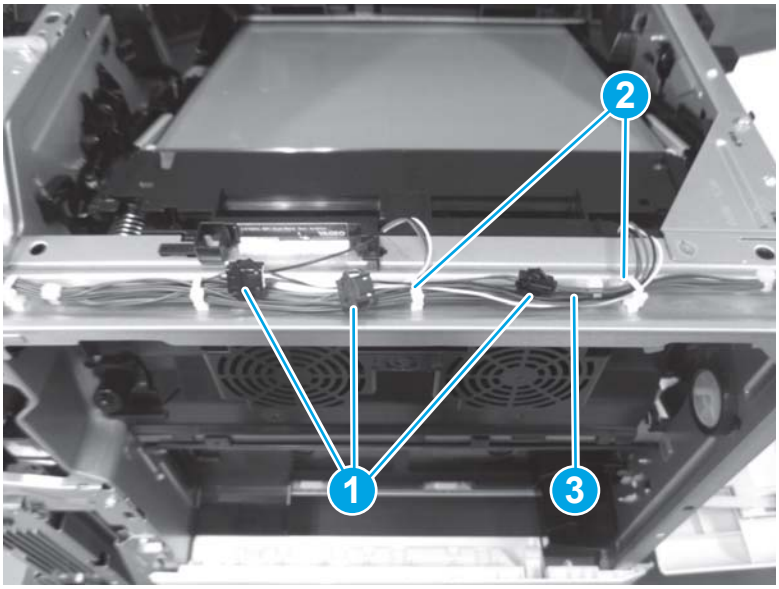
1. Disconnect three connectors (callout 1), open two retainers (callout 2), and then release the cable (callout 3) from the retainers.

NOTE: Leave the black junction connectors attached to the cables on the printer.

Reinstallation tip: The two connectors on the left are both three-pin connectors. Make sure that the cables are connected to the correct connector.

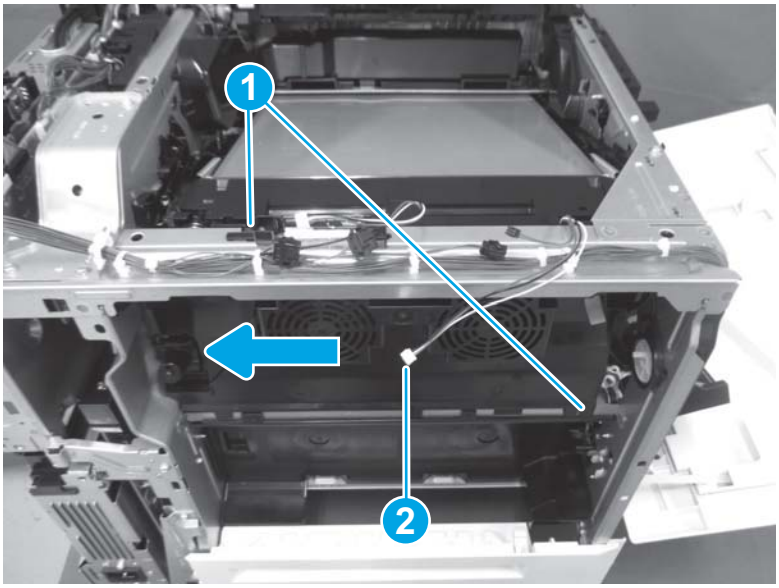
Reinstallation tip: Make sure that the black junction connectors (callout 1) remain on the cables attached to the printer. These connectors are not provided on the new part.

Figure 1-1103 Disconnect three connectors



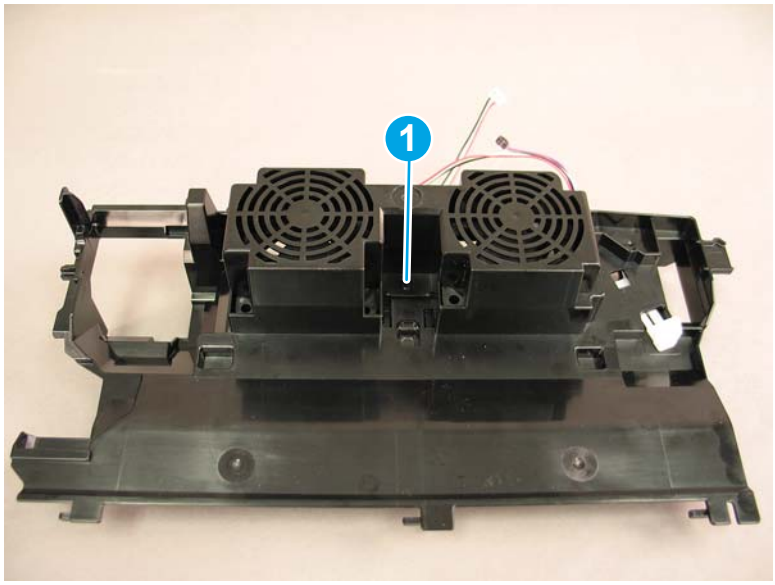
2. Release two tabs (callout 1). Slide the cartridge cover (callout 2) left, and then pull it away from the printer to remove it.

Figure 1-1104 Remove the cartridge cover



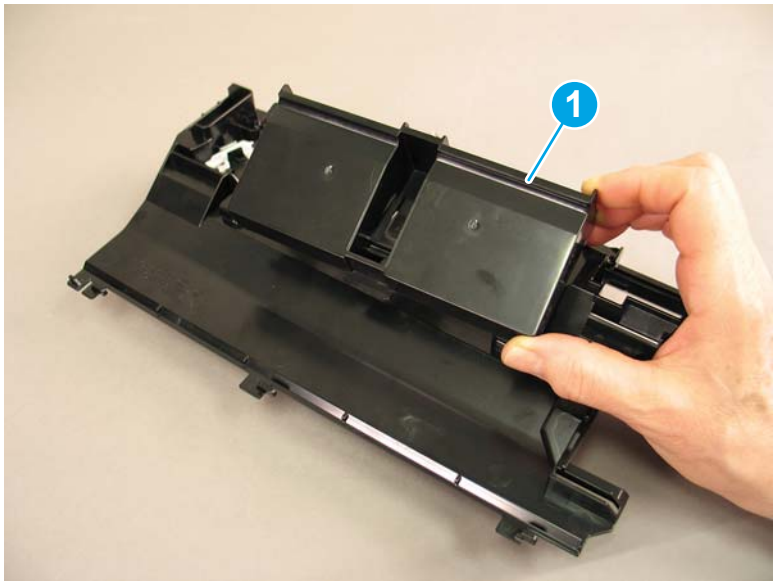
3. Release one tab (callout 1).

Figure 1-1105 Release one tab



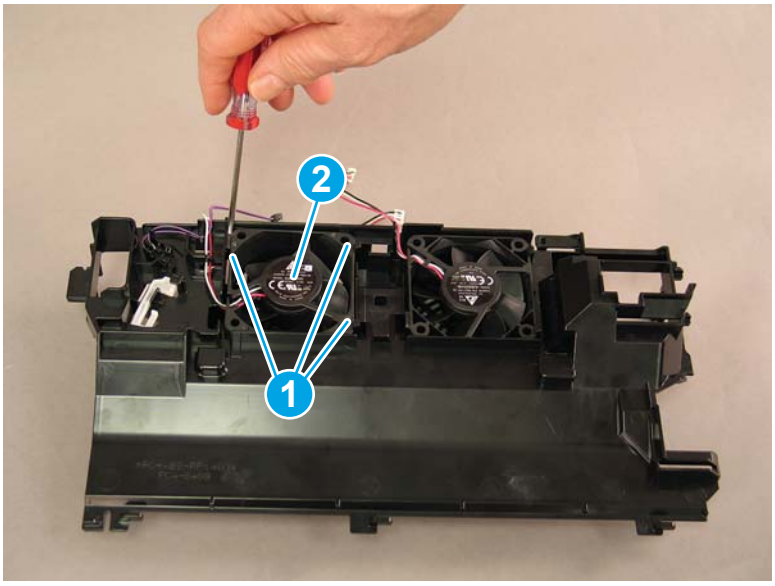
4. Turn the assembly over, and then remove the fan duct (callout 1).

Figure 1-1106 Remove the fan duct



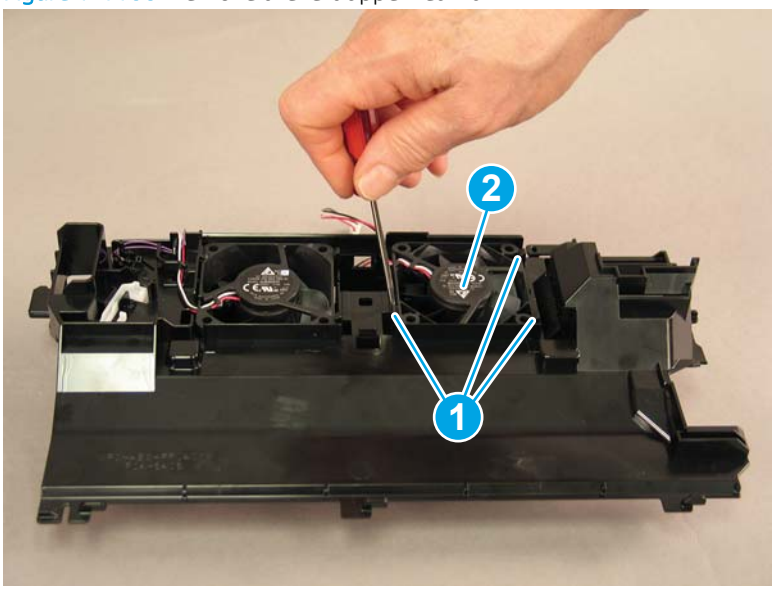
5. Use a small, flat-blad screwdriver to gently twist and release three tabs (callout 1), and then remove the left upper front fan (callout 2).

Figure 1-1107 Remove the left upper front fan



6. Use a small, flat-blad screwdriver to gently twist and release three tabs (callout 1), and then remove the left upper rear fan (callout 2).

Figure 1-1108 Remove the left upper rear fan



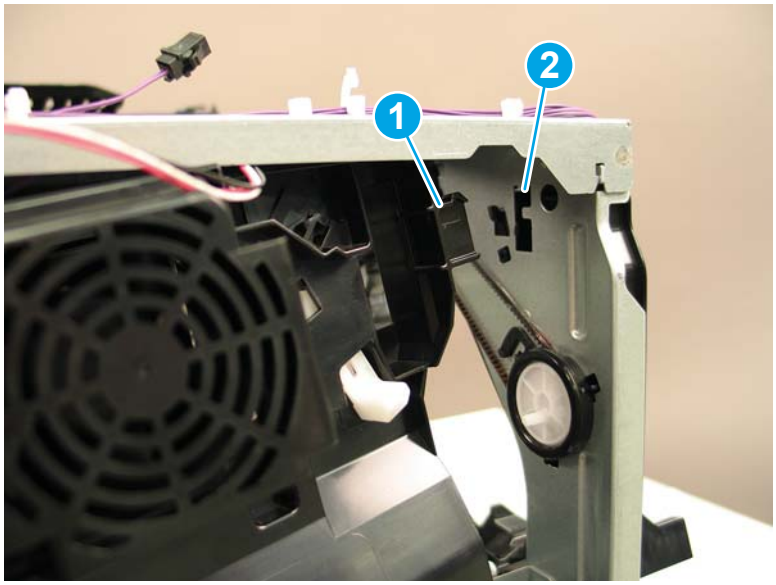
7. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Left upper front and left upper rear fans

▲ Install the right side of the fan assembly first Position the tab (callout 1) on the fan assembly into the slot (callout 2) in the sheet metal frame.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1109 Install the fan assembly



Step 20: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Toner carry assembly

- Introduction
- Step 1: Remove the toner collection unit (TCU)
- Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 15: Remove the output bin
- Step 16: Remove the formatter cover
- Step 17: Remove the left door
- Step 18: Remove the toner carry assembly
- Step 19: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the toner carry assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

⚠ WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Toner carry assembly part number	
RM2-6620-000CN	Toner carry assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Needle-nose pliers

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Print a color page, and then remove the print cartridges. Look inside the printer and verify that no loose toner is present.

Step 1: Remove the toner collection unit (TCU)

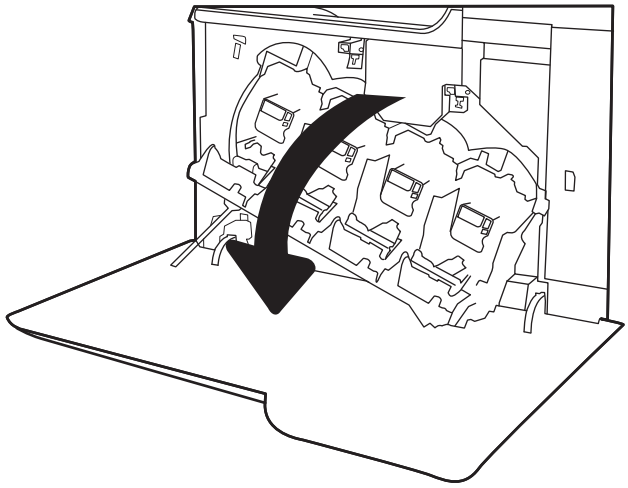
NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

NOTE: The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

⚠ CAUTION: If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

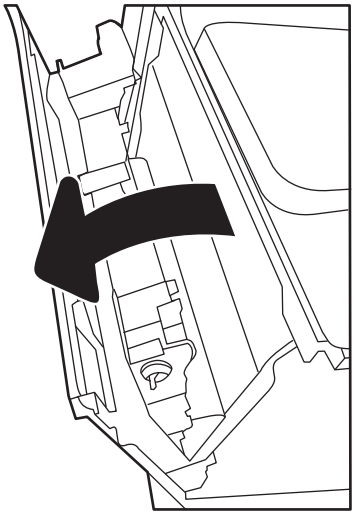
1. Open the front door.

Figure 1-1110 Open the front door



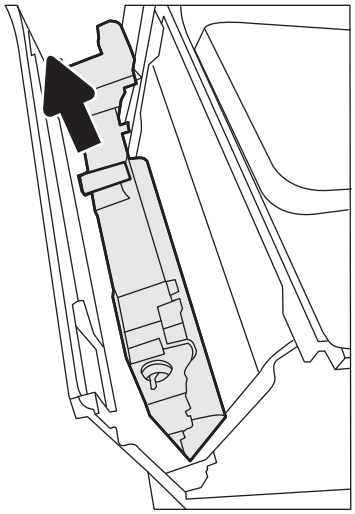
2. Open the left door.

Figure 1-1111 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

Figure 1-1112 Remove the TCU



Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

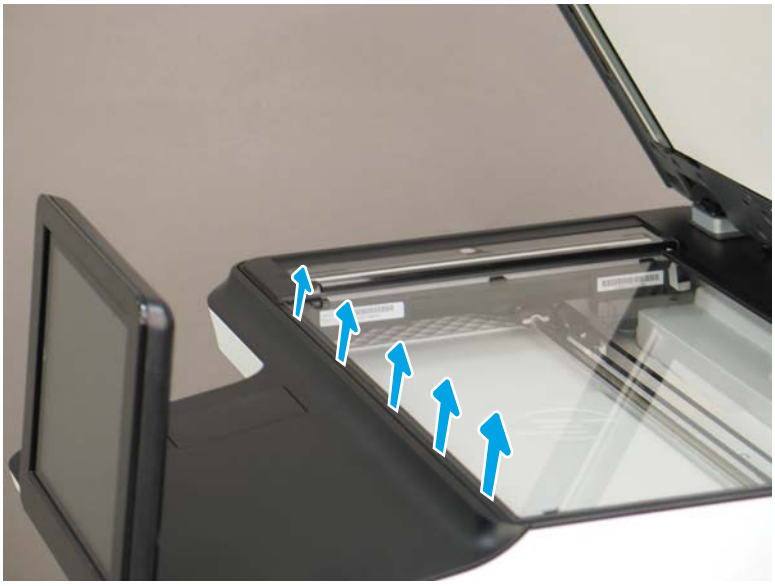
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1113 Tilt the control panel and open the document feeder



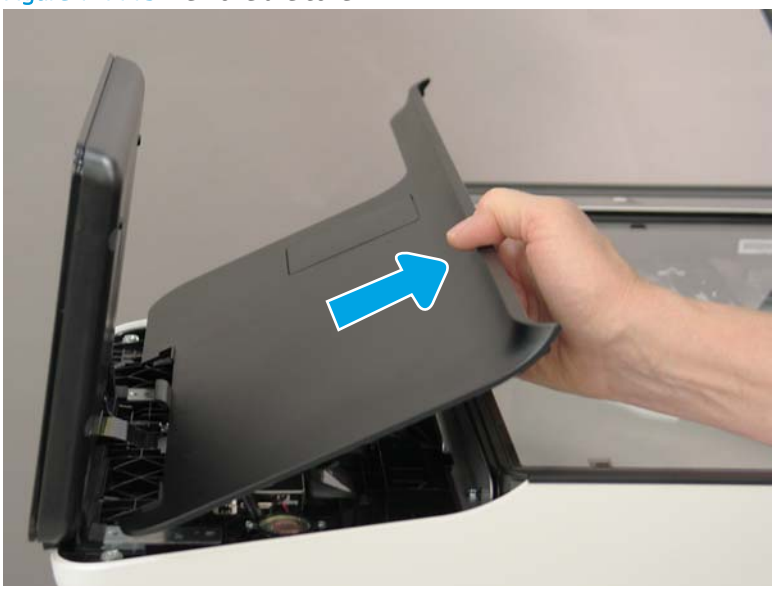
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1114 Release fiv tabs



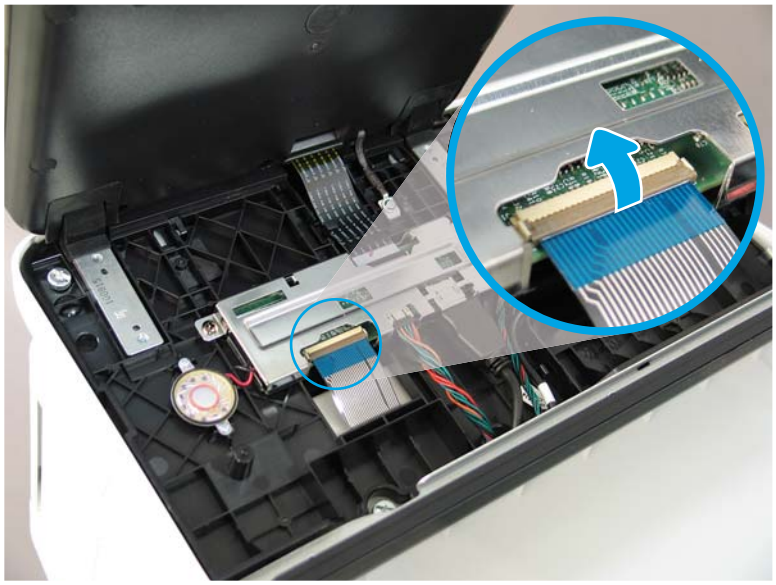
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1115 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1116 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1117 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1118 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1119 Remove the keyboard



Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

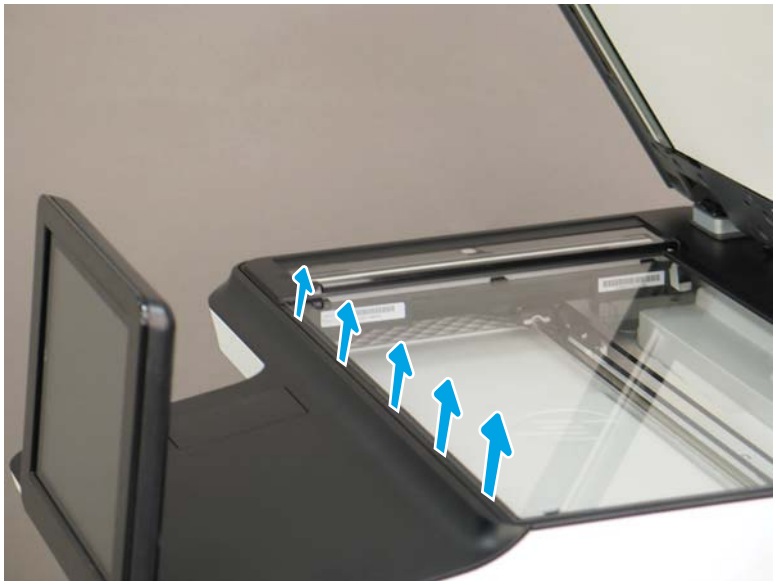
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1120 Tilt the control panel forward and open the document feeder



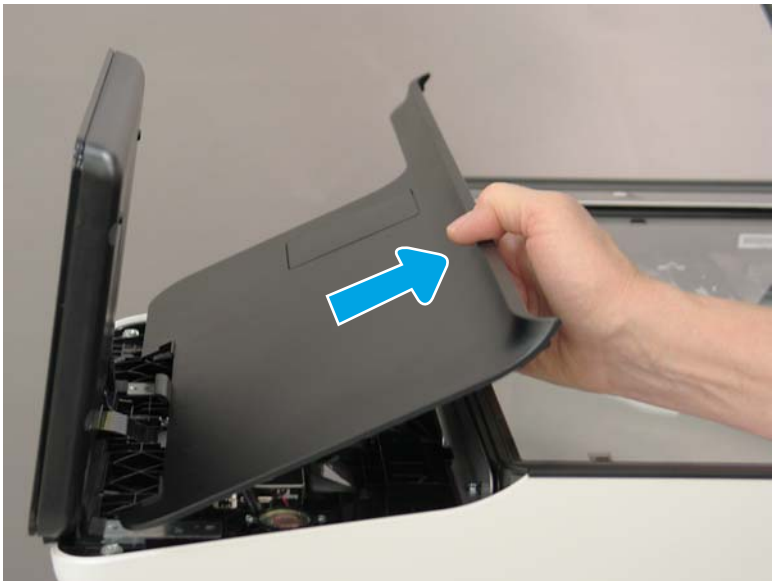
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1121 Release fiv tabs



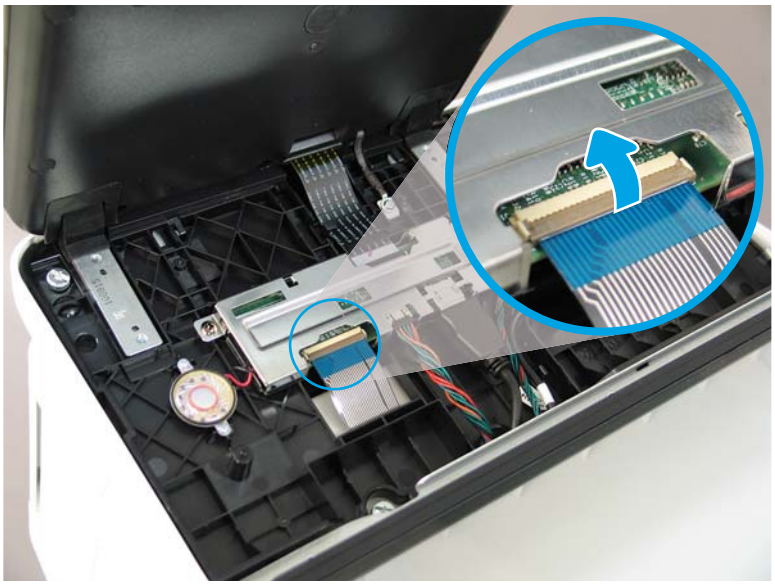
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1122 Remove the cover



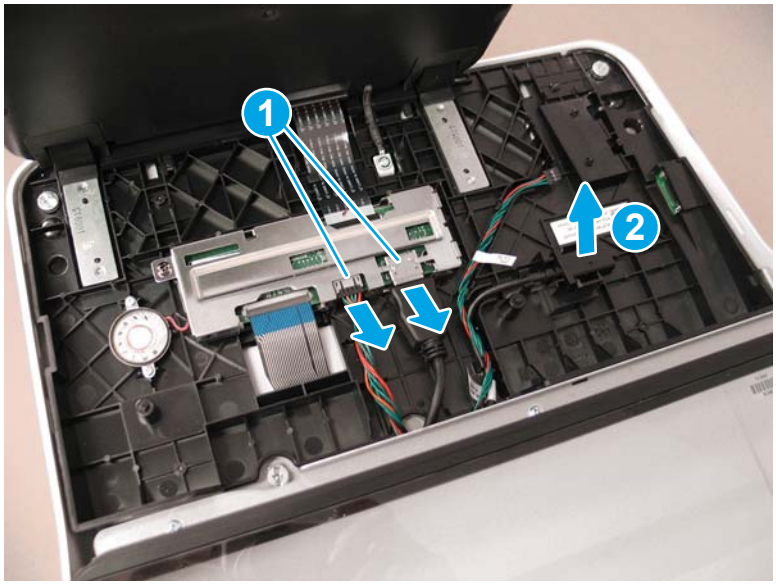
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1123 Disconnect the keyboard fla cable (keyboard models only)



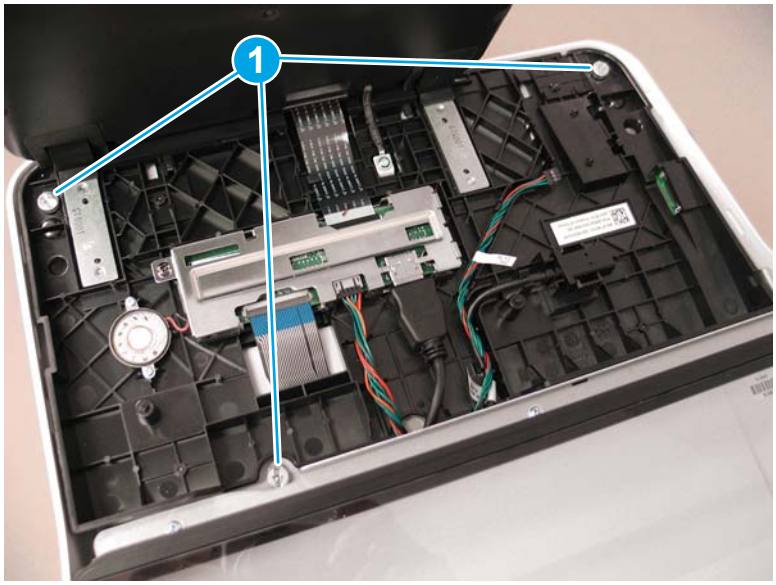
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1124 Disconnect connectors



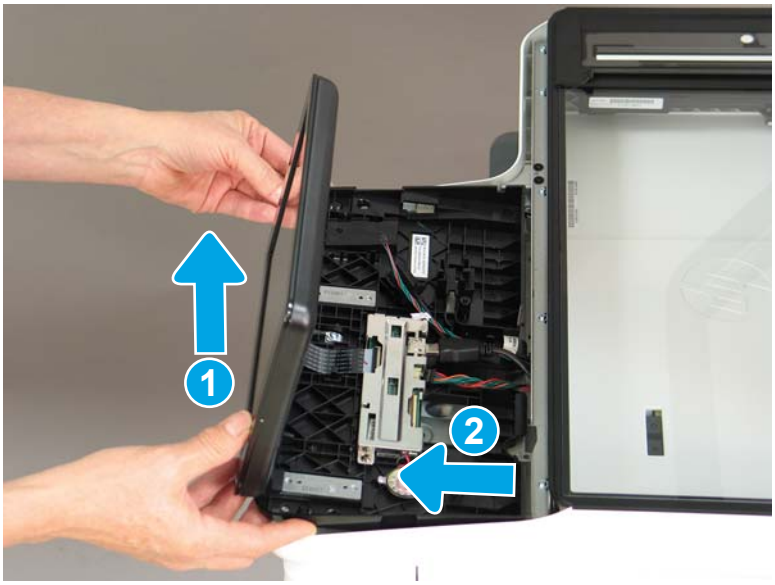
6. Remove three thumbscrews (callout 1).

Figure 1-1125 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1126 Remove the control panel

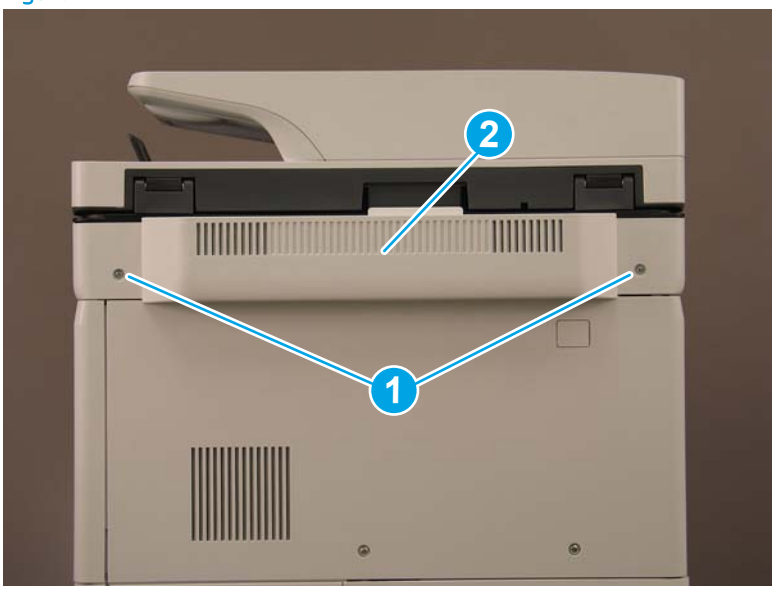


Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

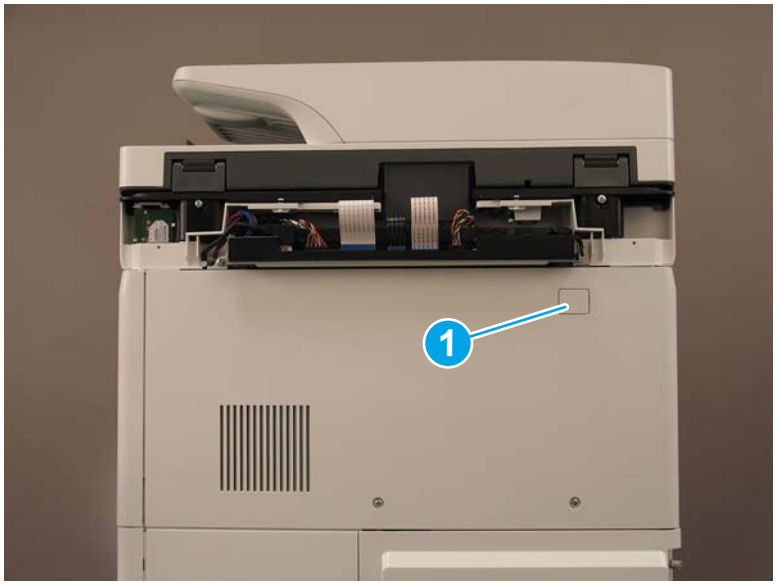
Figure 1-1127 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

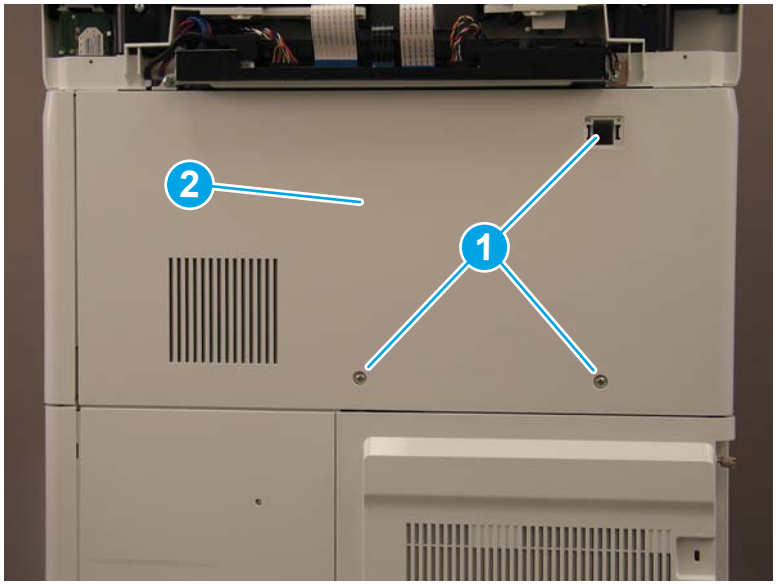
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-1128 Remove the small cover



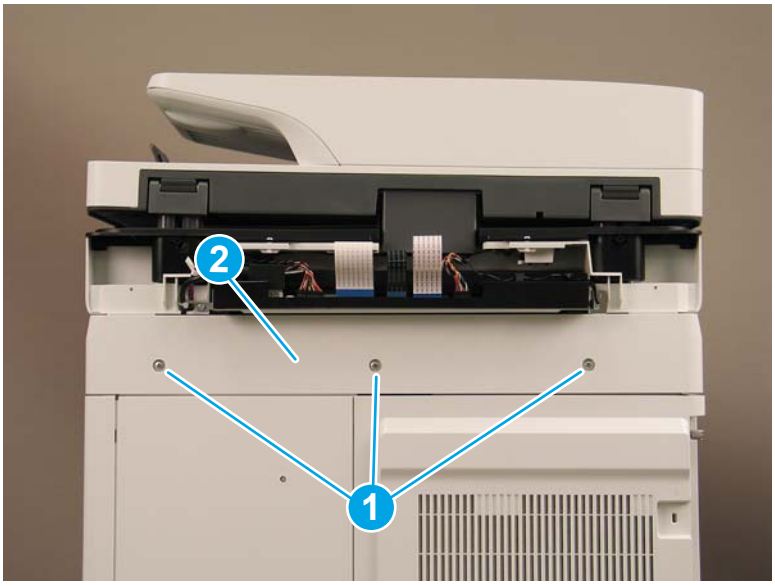
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1129 Remove the stapler/stacker rear cover



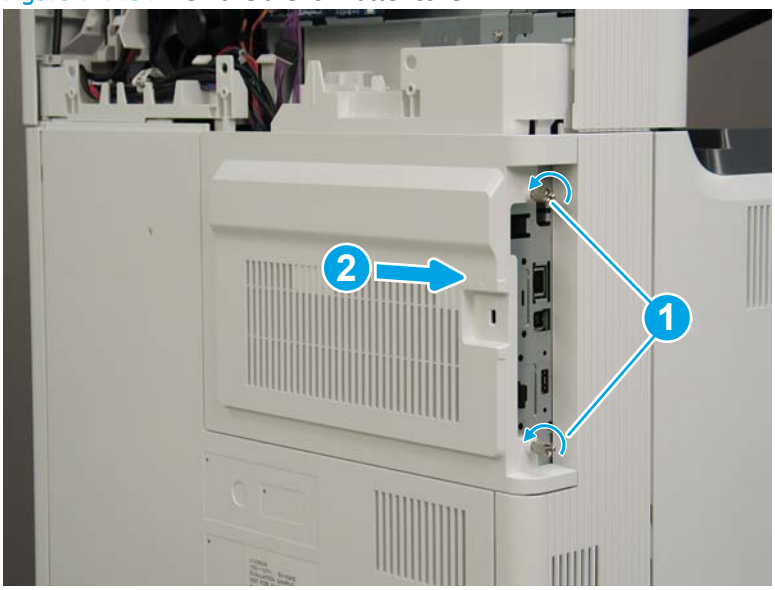
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1130 Remove the upper rear cover



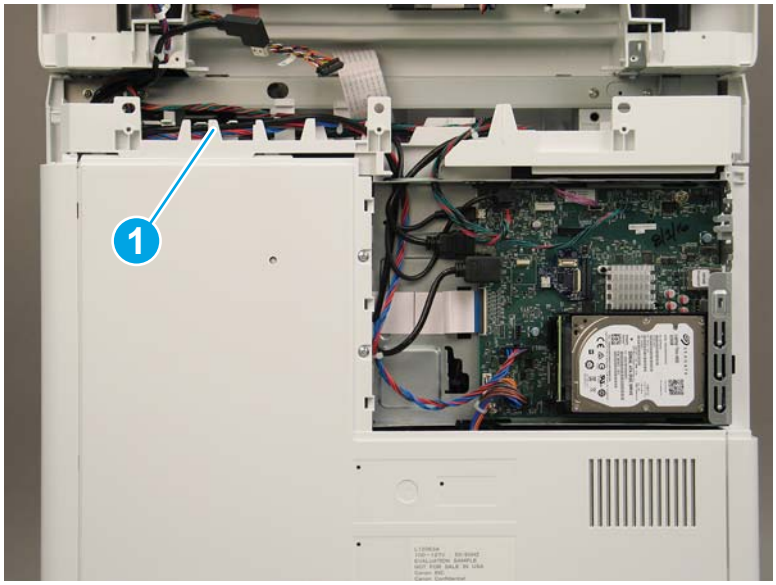
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1131 Remove the formatter cover



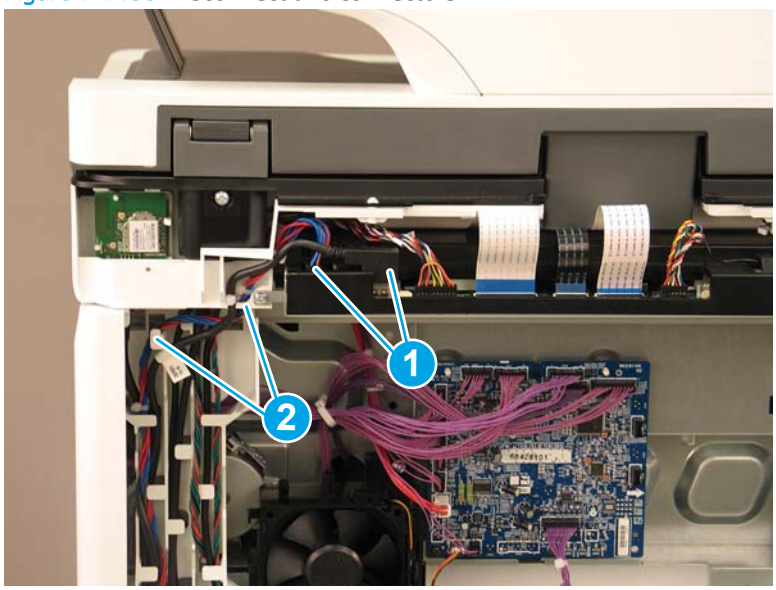
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1132 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1133 Disconnect two connectors



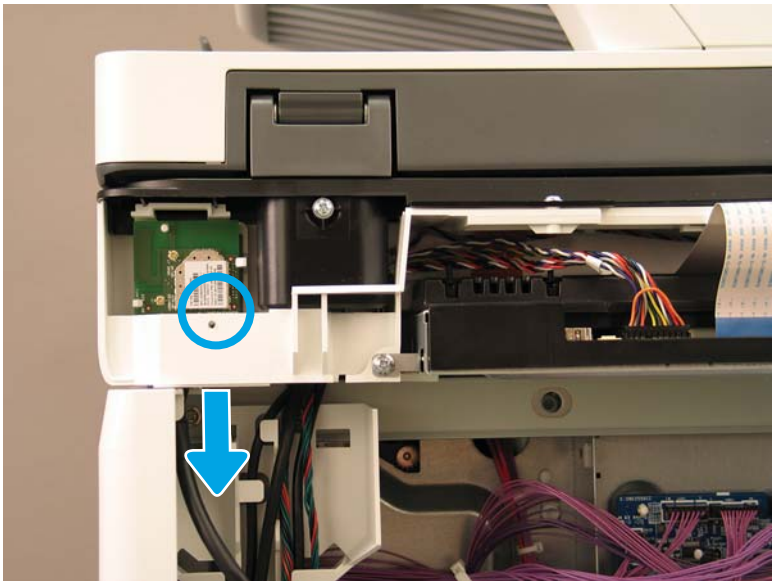
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1134 Disconnect fiv connectors



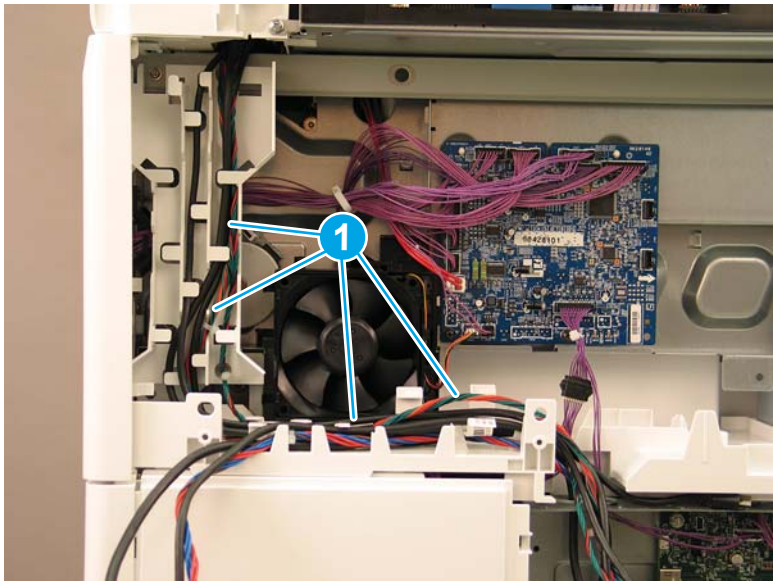
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1135 Disconnect the wireless connector



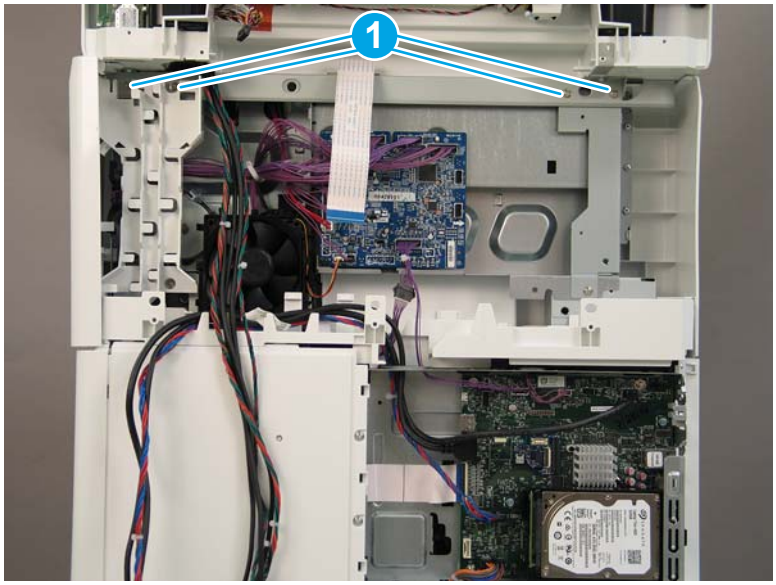
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1136 Release the cables



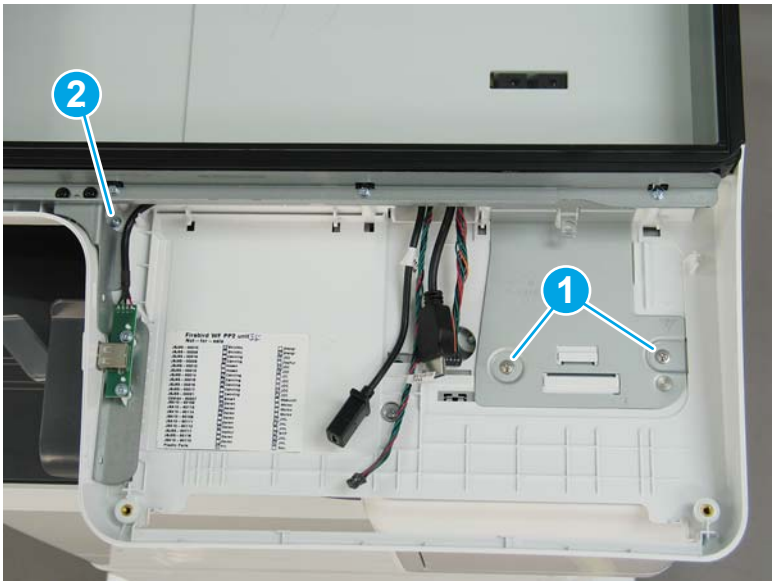
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1137 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1138 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1139 Remove the document feeder and image scanner



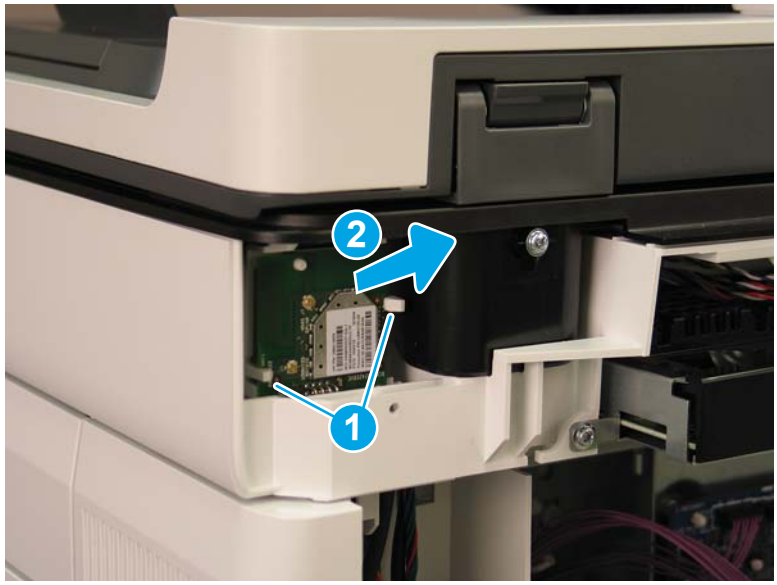
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

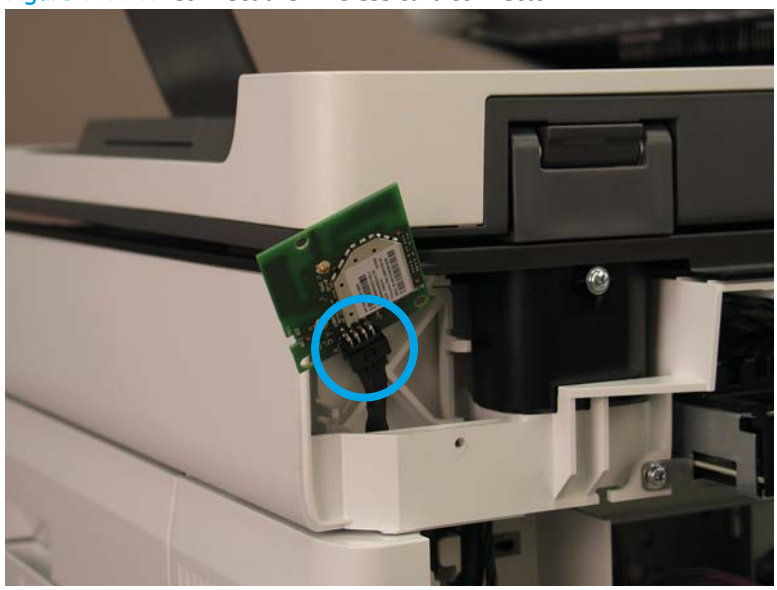
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1140 Remove the wireless card



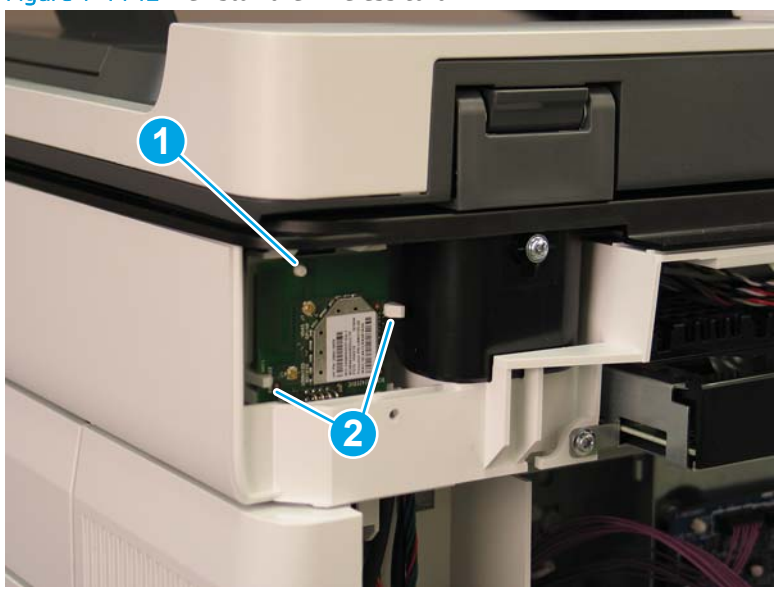
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1141 Connect the wireless card connector



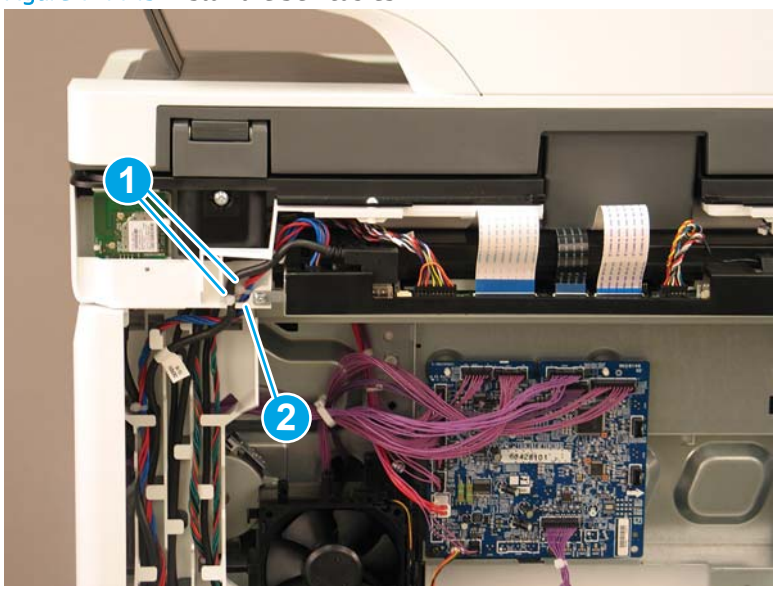
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1142 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1143 Install the SCB cables



Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

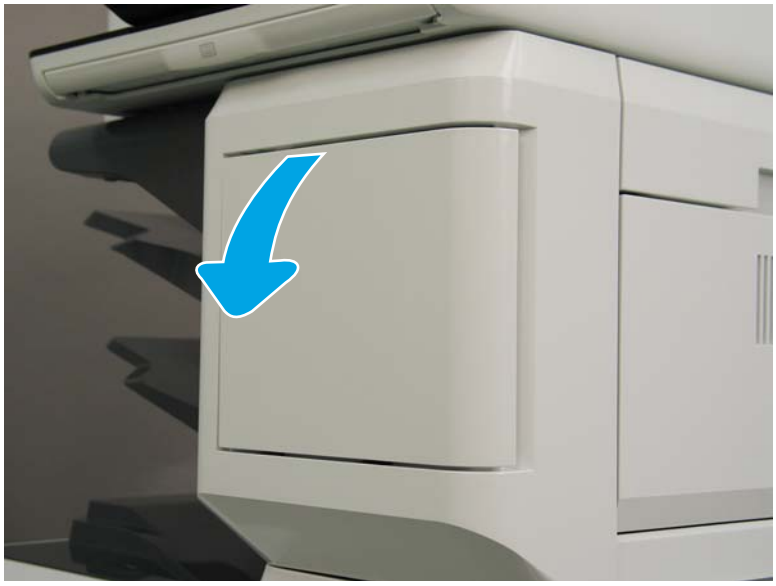
1. Open the front door.

Figure 1-1144 Open the front door



2. Open the stapler door.

Figure 1-1145 Open the stapler door



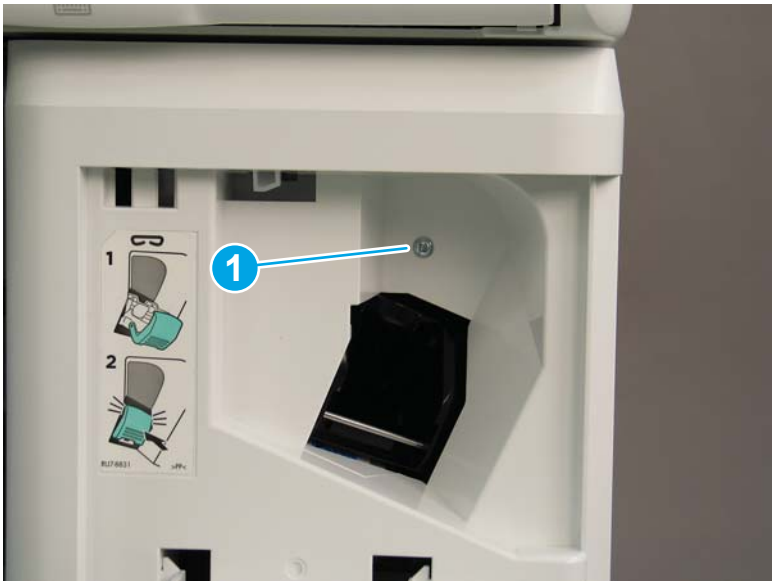
3. Release the latch, and then remove the staple cartridge.

Figure 1-1146 Remove the staple cartridge



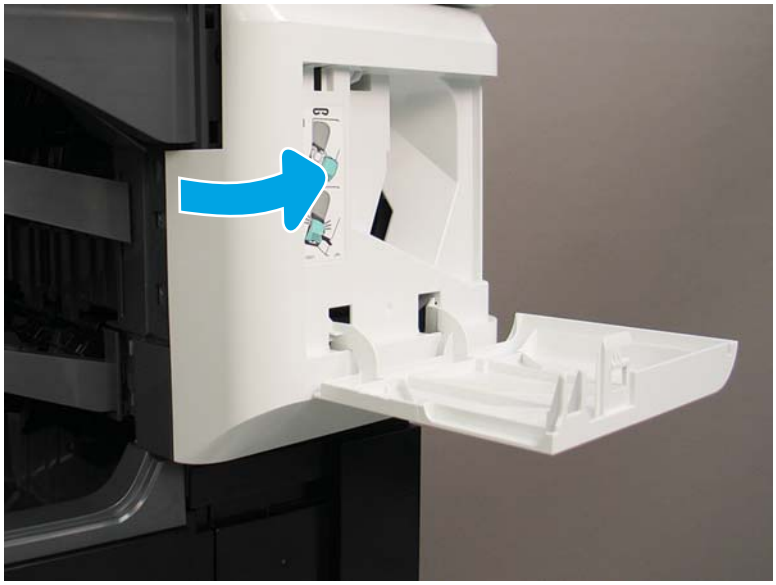
4. Remove one screw (callout 1).

Figure 1-1147 Remove one screw



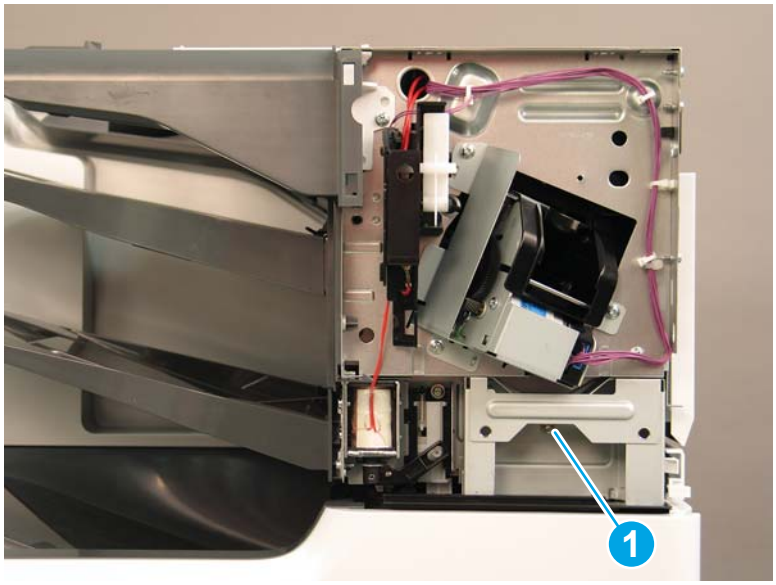
5. Rotate the stapler cover to the right to remove it.

Figure 1-1148 Remove the stapler cover



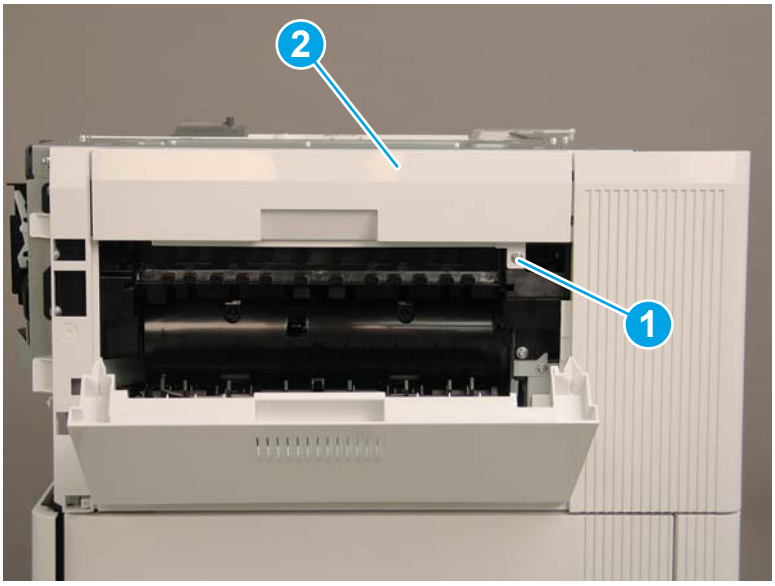
6. Remove one screw (callout 1).

Figure 1-1149 Remove one screw



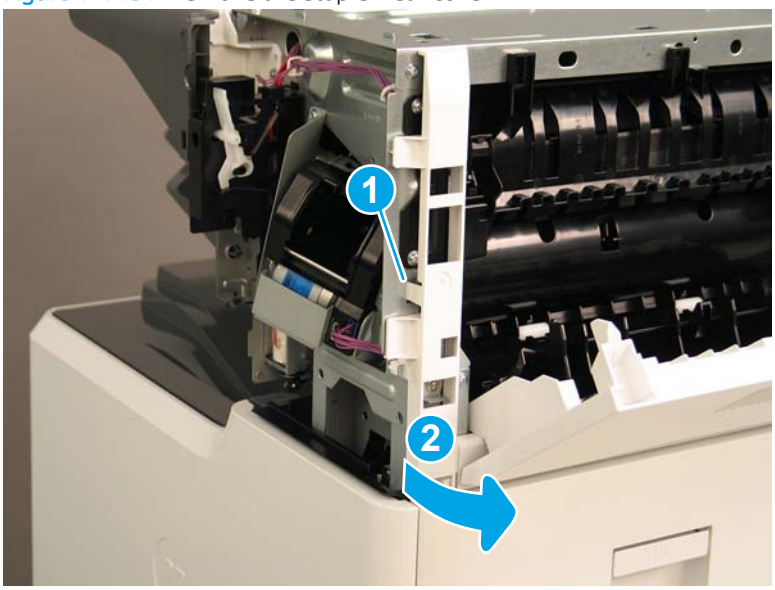
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1150 Remove the stapler/stacker right upper cover



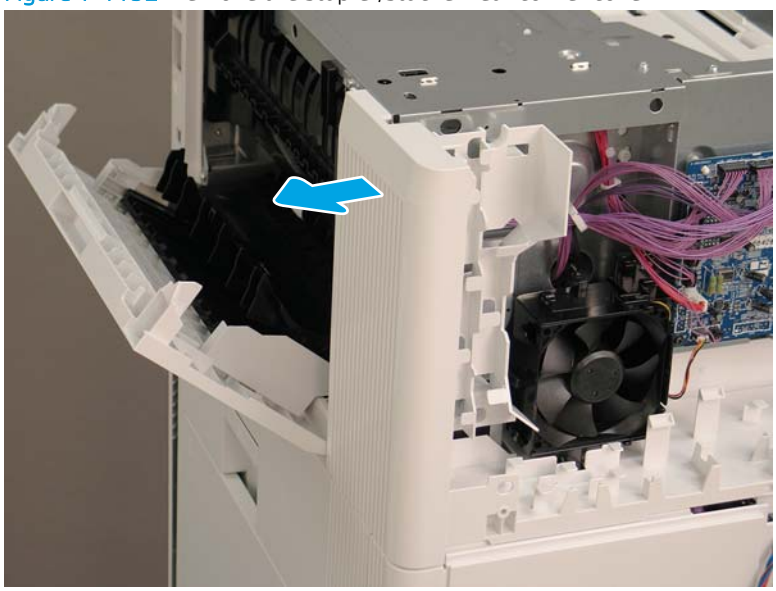
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1151 Remove the stapler rear cover



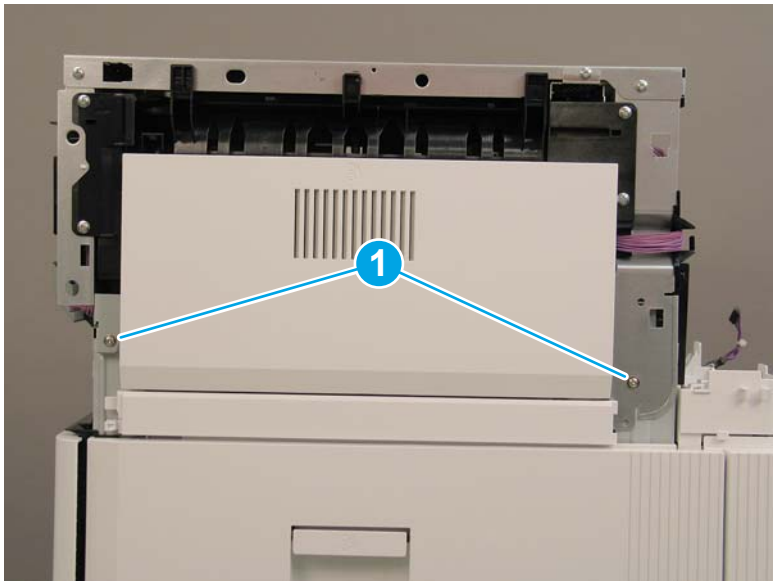
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1152 Remove the stapler/stacker rear corner cover



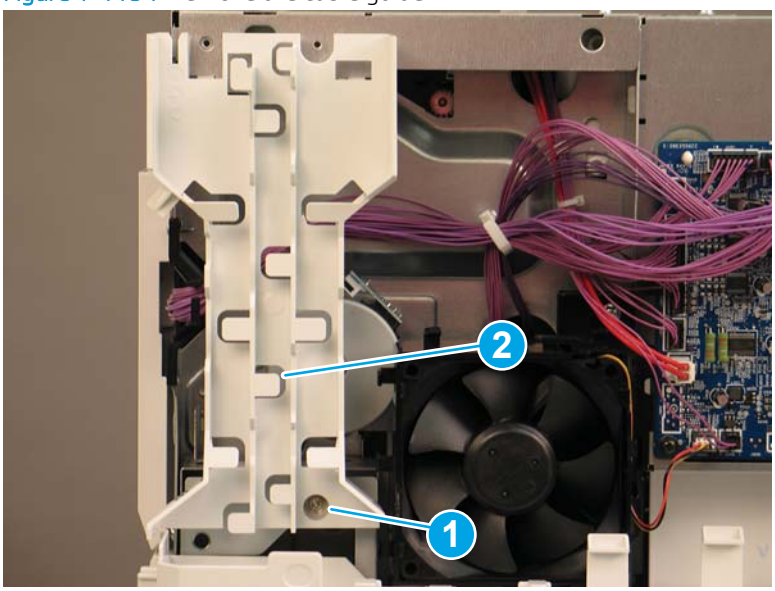
10. Remove two screws (callout 1).

Figure 1-1153 Remove two screws



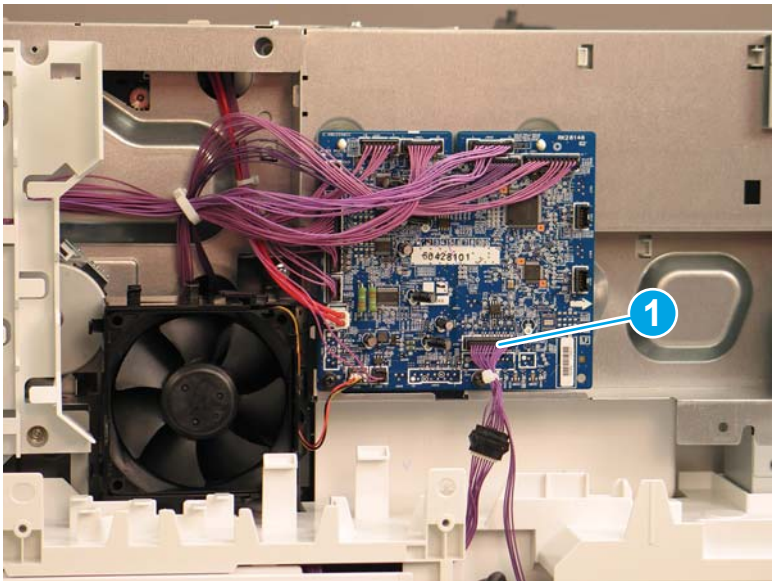
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1154 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

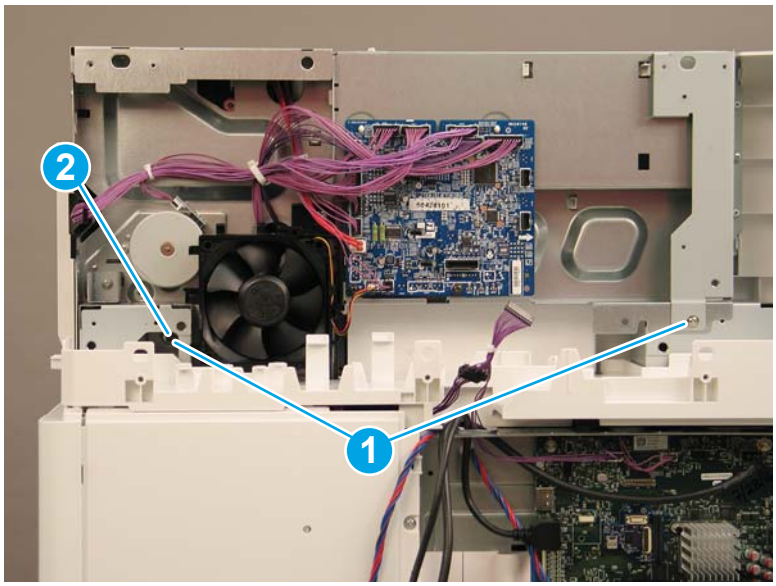
Figure 1-1155 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

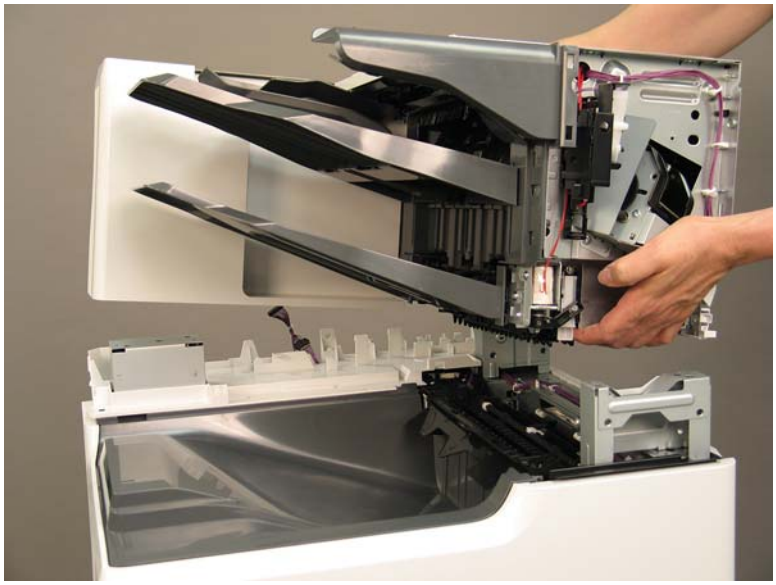
Figure 1-1156 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1157 Remove the stapler/stacker

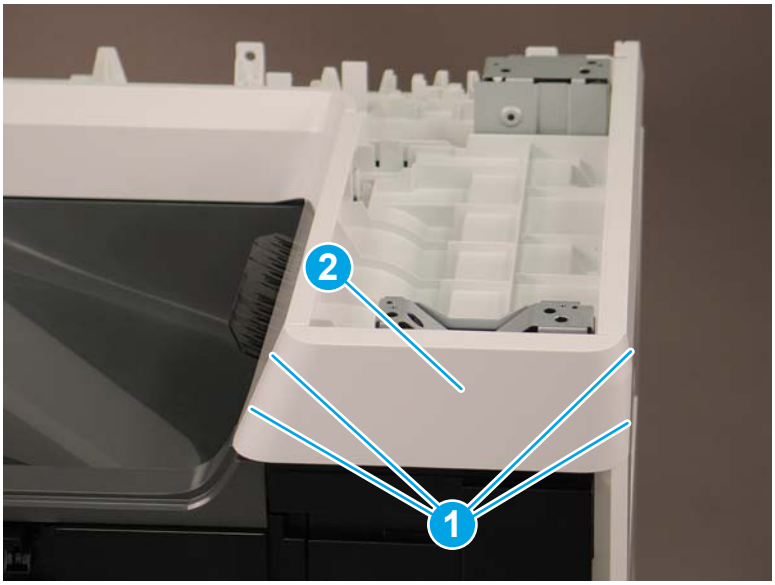


Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1158 Remove the face-down front cover



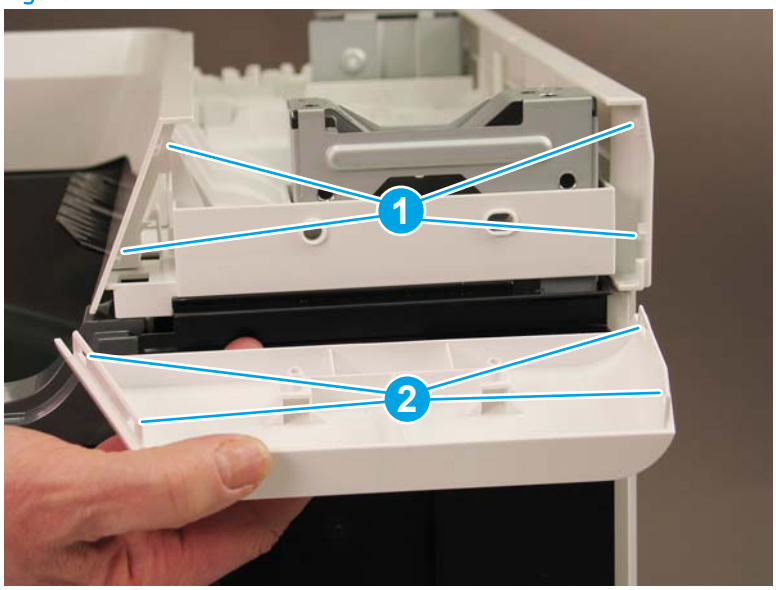
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1159 Install the cover



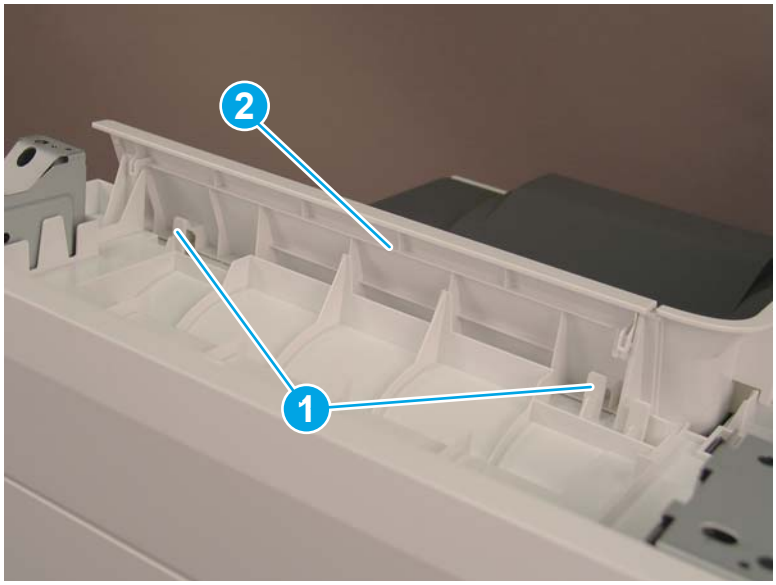
Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1160 Remove the top cover



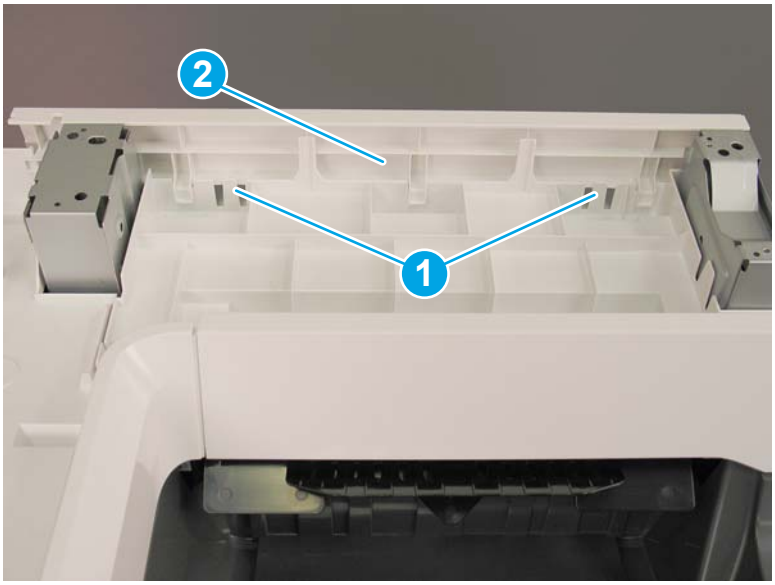
Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1161 Remove the right cover



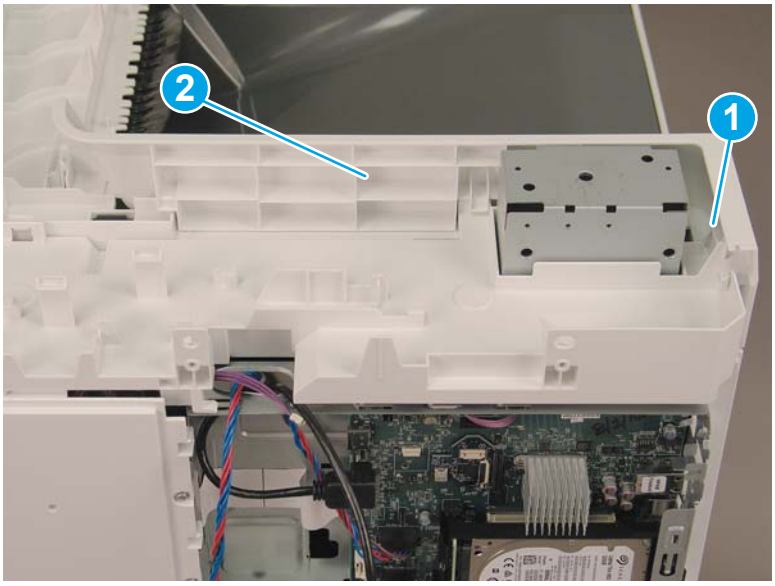
Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1162 Remove the front cover



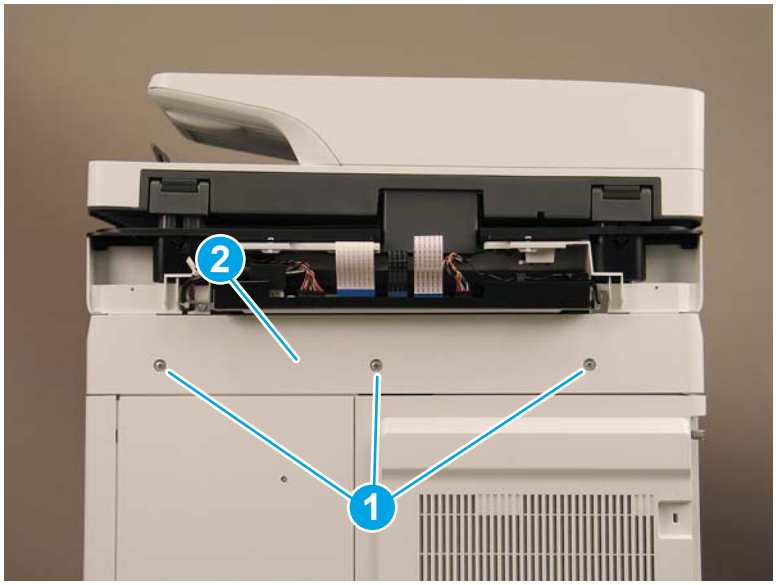
Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

- Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1163 Remove the rear upper cover



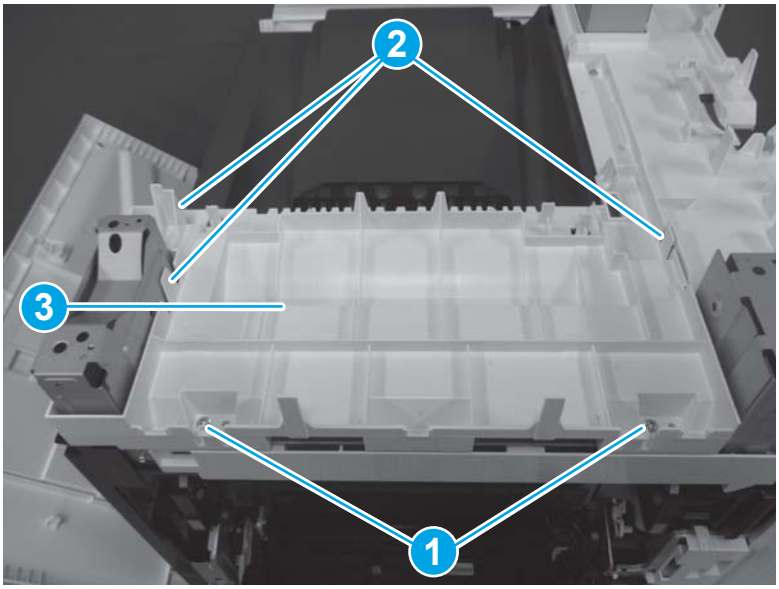
Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

- Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1164 Remove two screws and the face-down cover

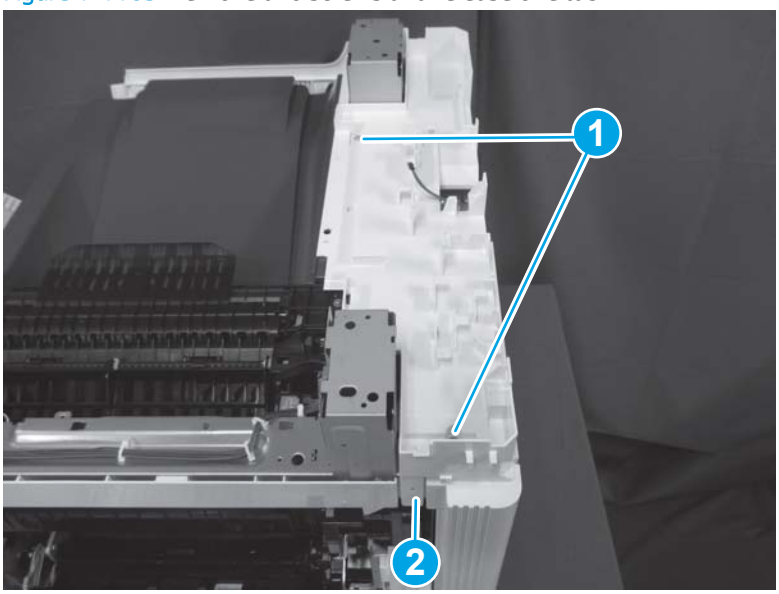


Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 757

1. Remove two screws (callout 1), and then release one tab (callout 2).

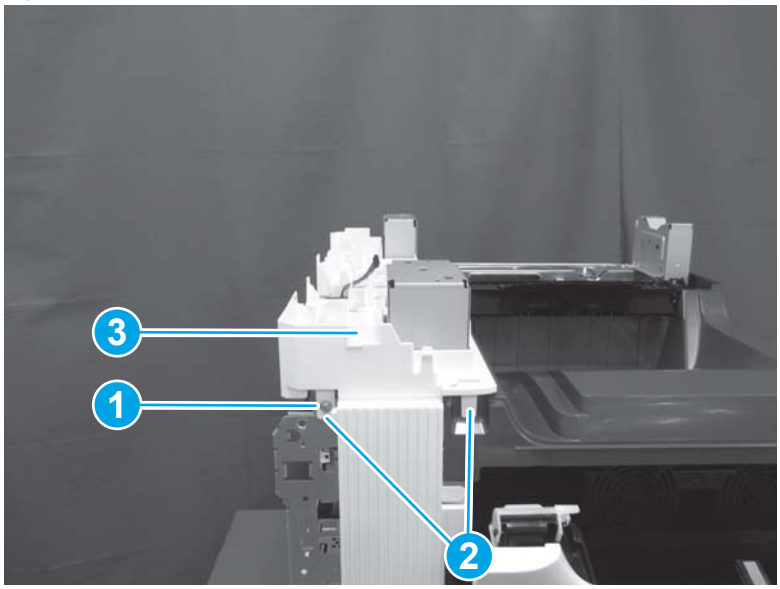
Figure 1-1165 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1166 Remove one screw and the main cover



Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 15: Remove the output bin on page 762

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1167 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1168 Remove the cover



3. Remove one thumbscrew (callout 1)

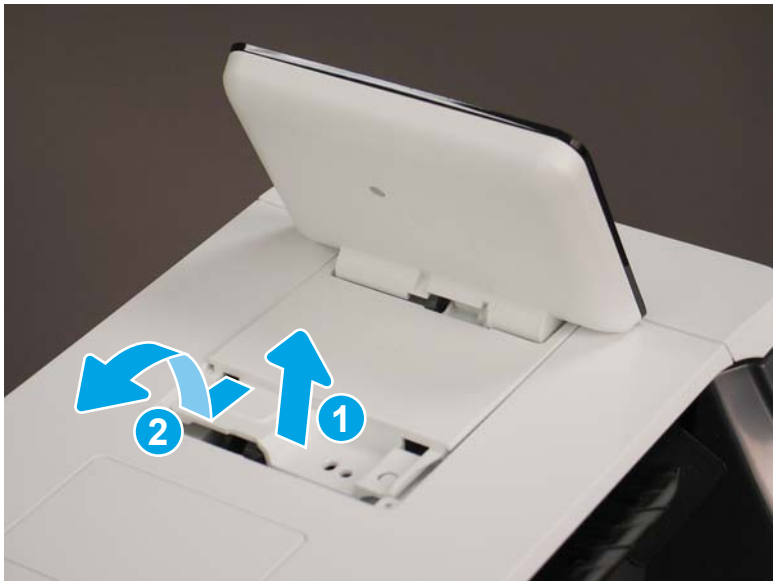
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1169 Remove one thumbscrew



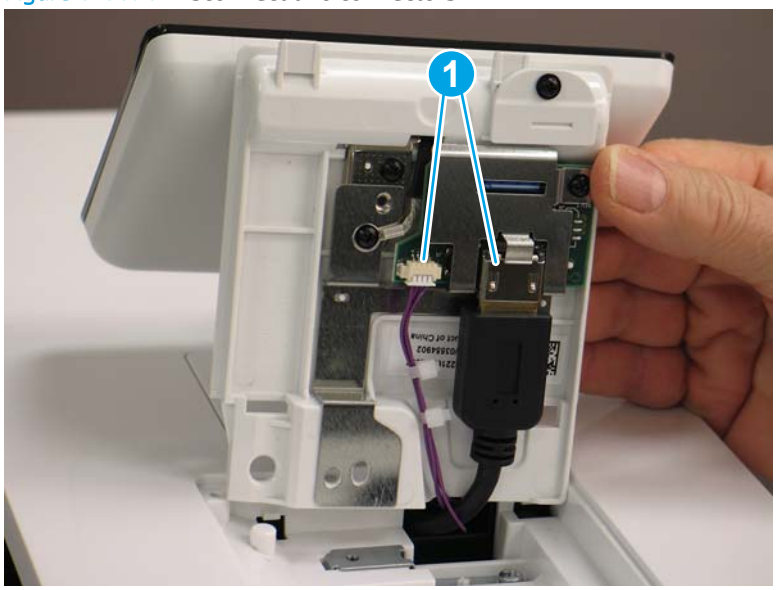
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1170 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1171 Disconnect two connectors



6. Remove the control panel.

Figure 1-1172 Remove the control panel



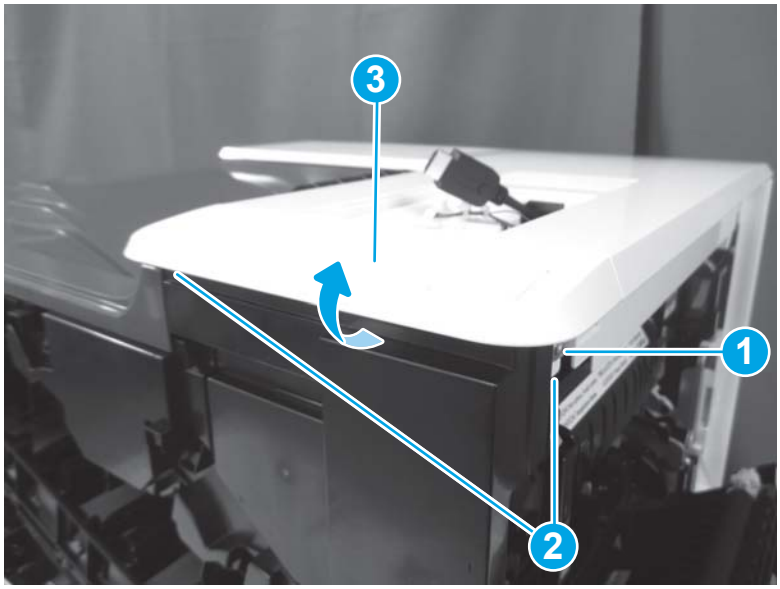
Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660, skip this step and go to Step 15: Remove the output bin on page 762

1. Open the following doors:
   - Front door
   - Left door
   - Right door

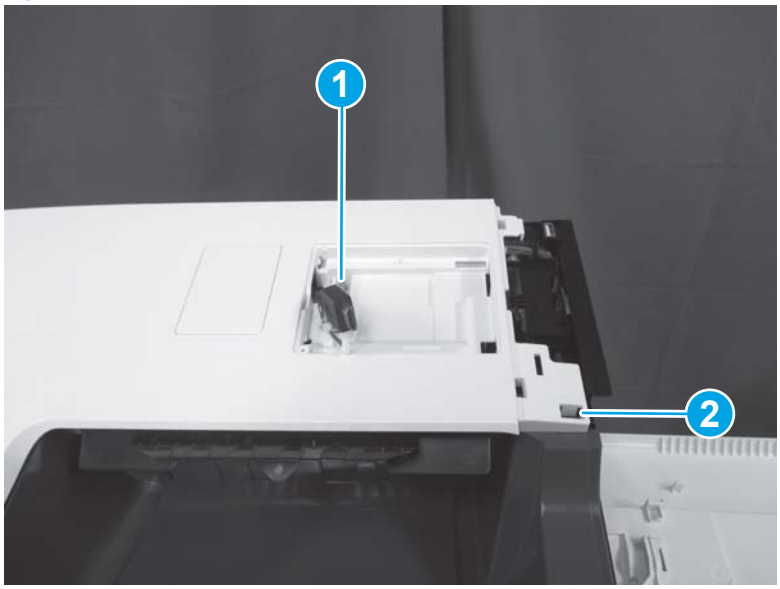
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1173 Remove the NFC cover



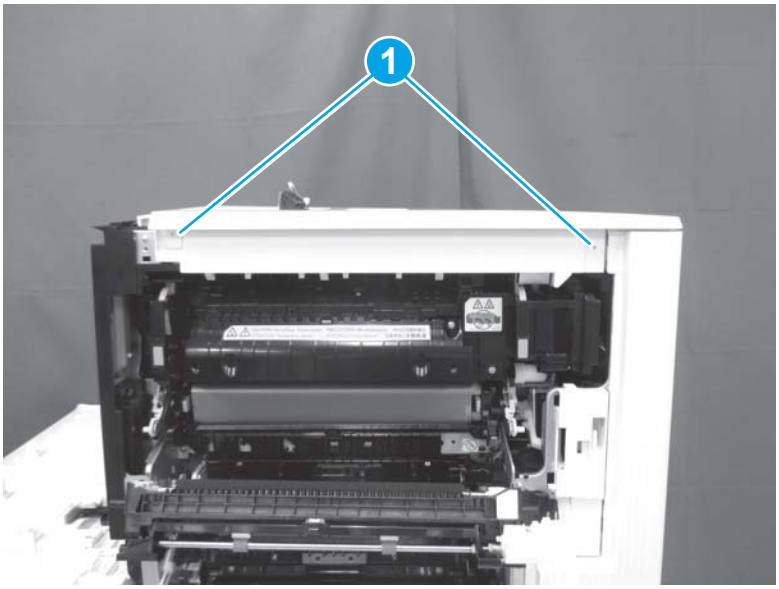
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1174 Remove one screw and release one tab



4. Release two tabs (callout 1).

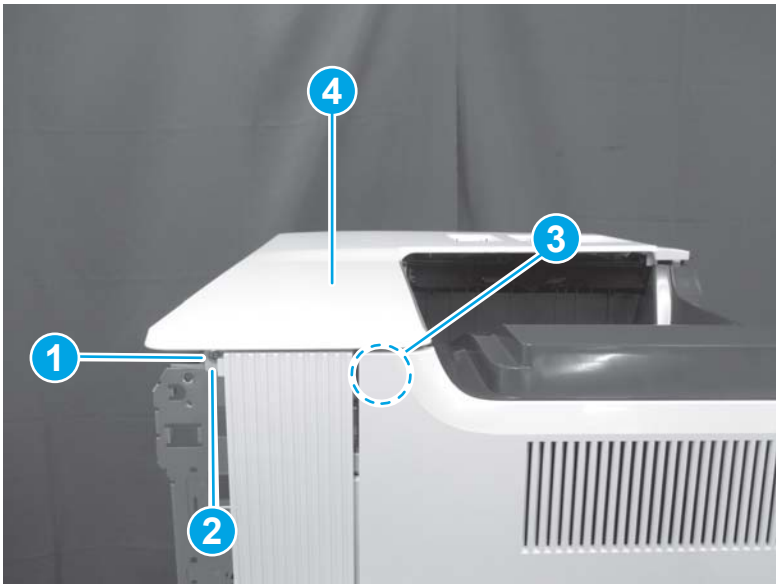
Figure 1-1175 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1176 Remove the top cover



Step 15: Remove the output bin

1. Open the following doors:

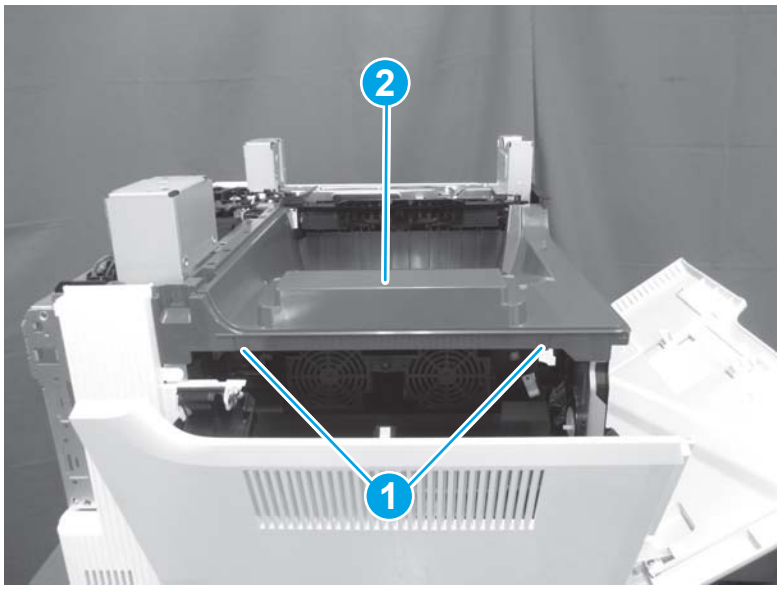
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1177 Remove the output bin

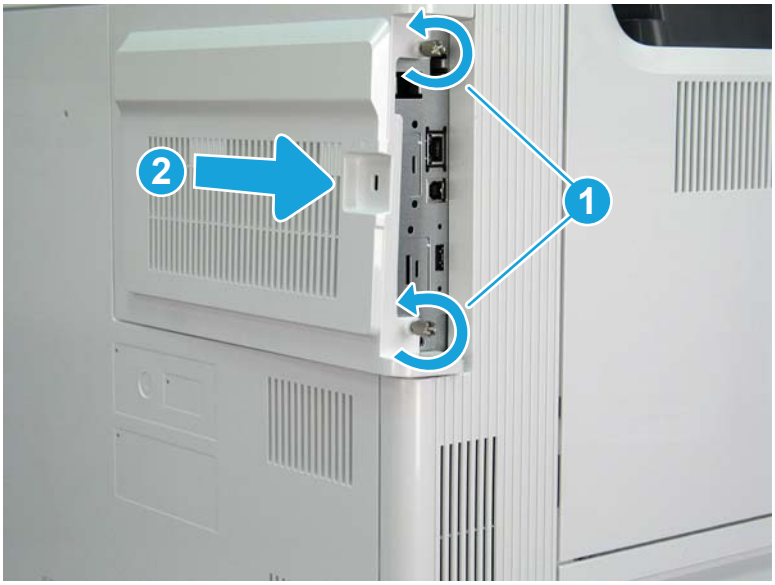


Step 16: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1178 Remove the formatter cover



Step 17: Remove the left door

1. Open front door.

Figure 1-1179 Open front door

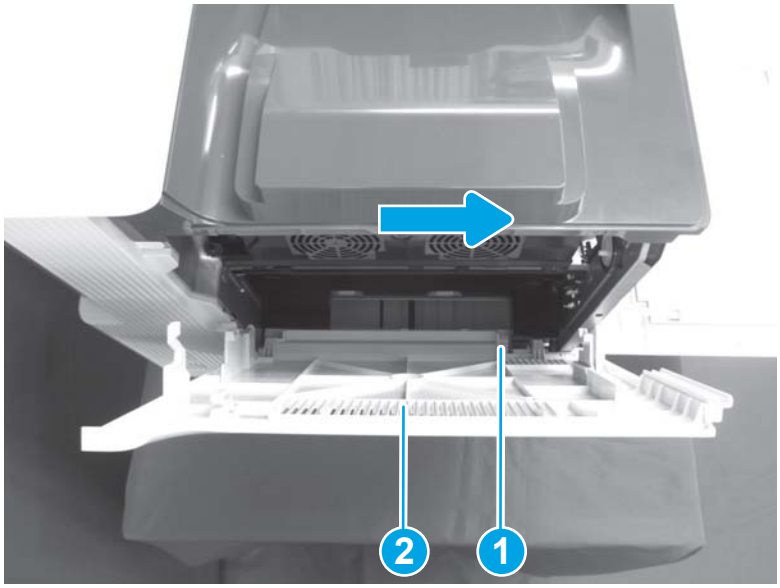


2. Press on the tab (callout 1) while sliding the left door (callout 2) to the right to remove it.

NOTE: Make sure that the front door is not blocking the left door at the lower corner.

Reinstallation tip: Reverse the removal steps to install the assembly.

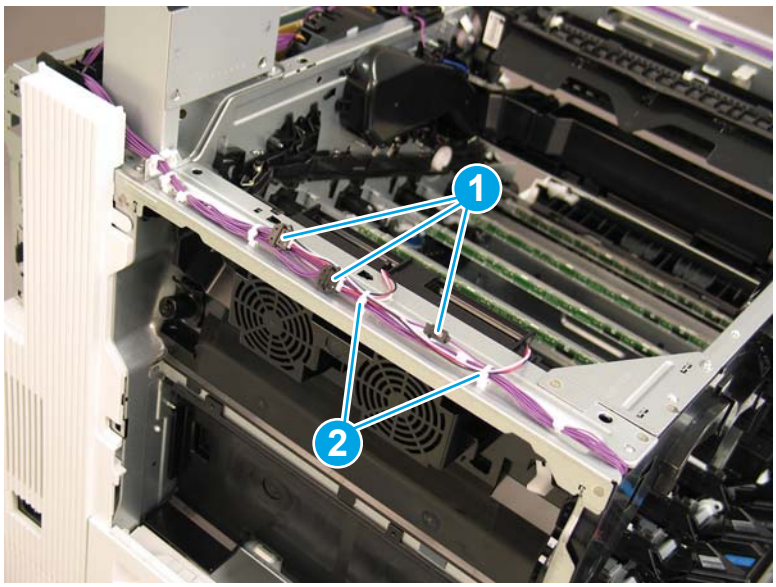
Figure 1-1180 Remove the left door



Step 18: Remove the toner carry assembly

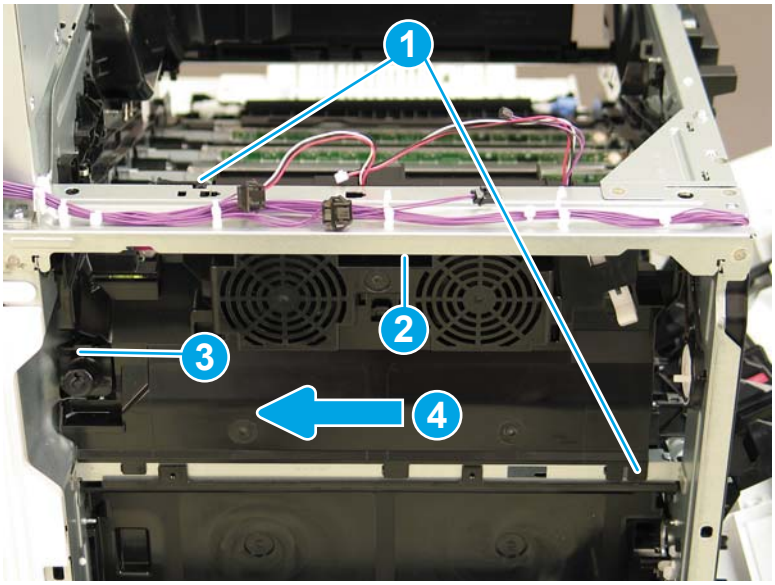
1. Disconnect three connectors (callout 1), and then release the cables from two retainers (callout 2).

Figure 1-1181 Disconnect three connectors



2. Release two tabs (callout 1). Make sure that the top edge of the panel is below the sheet metal frame (callout 2). Release the left side of the panel (callout 3), and then slide the cartridge panel to the left (callout 4) to remove it.

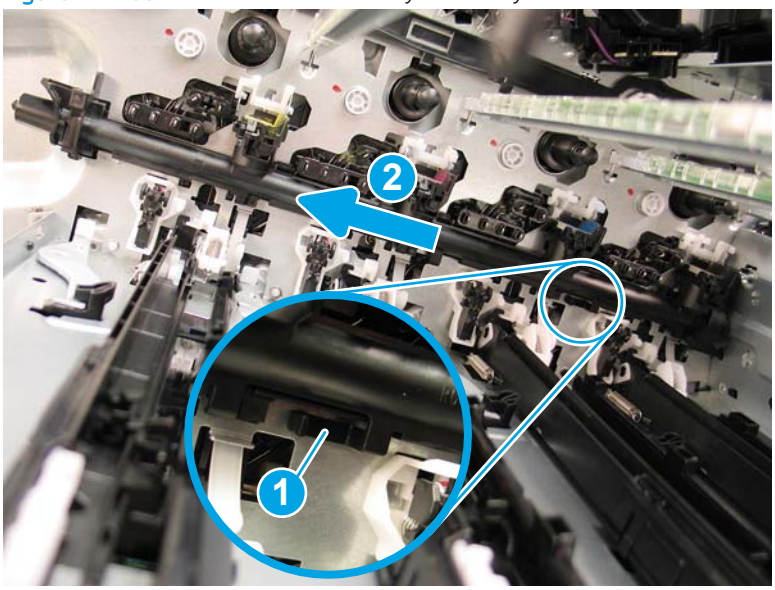
Figure 1-1182 Remove the cartridge panel



3. Inside the printer, release one tab (callout 1), and then slide the toner carry assembly toward the left door opening (callout 2).

TIP: Use a pair of needle-nose pliers to lightly pull the tab away from the printer.

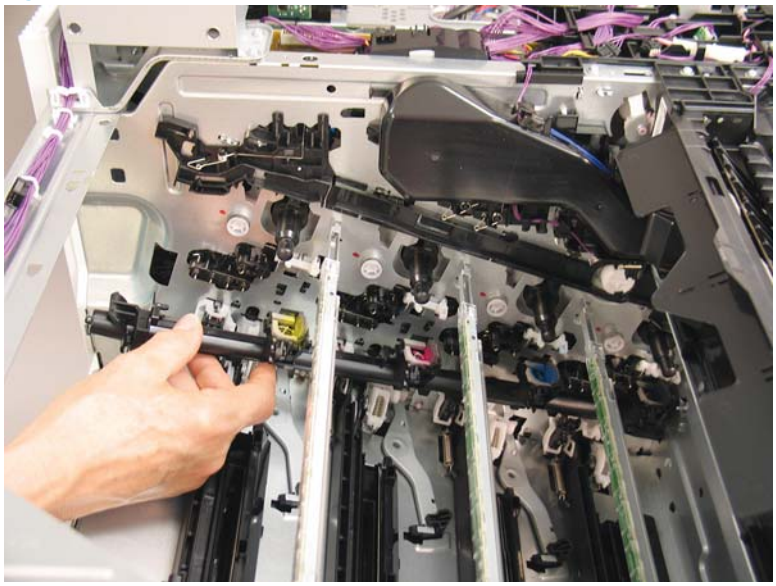
Figure 1-1183 Release the toner carry assembly



4. Remove the toner carry assembly.

IMPORTANT: Keep the toner carry assembly in an upright position to avoid spilling toner.

Figure 1-1184 Remove the toner carry assembly

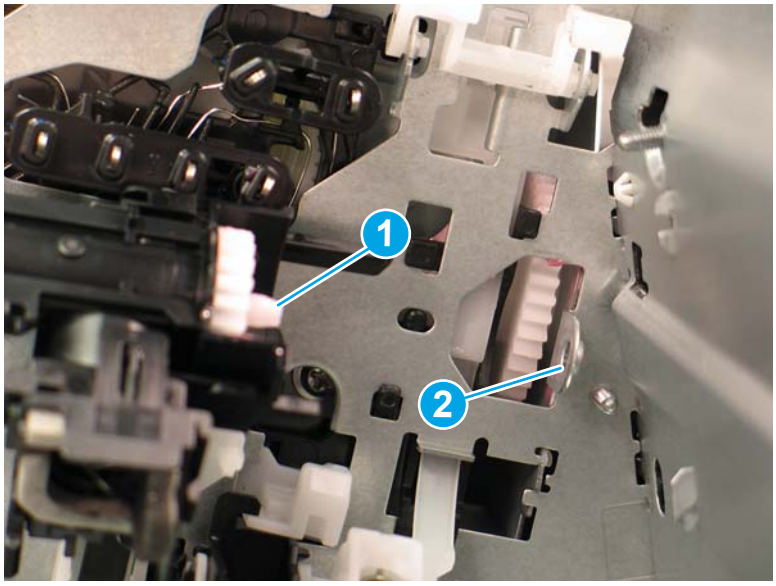


5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Toner carry assembly

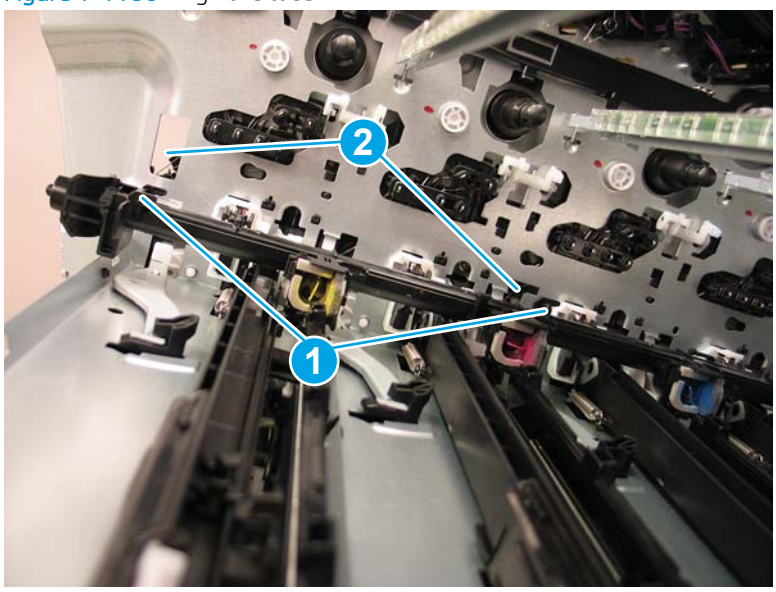
a. When reinstalling the toner carry assembly, make sure that the tab on the gear at the end of the assembly (callout 1) aligns with the opening (callout 2) next to the gear in the printer.

Figure 1-1185 Align the gears



b. Align the tabs (callout 1) on the toner carry assembly with the slots (callout 2) in the printer, and then slide the assembly toward the right of the printer to install it.

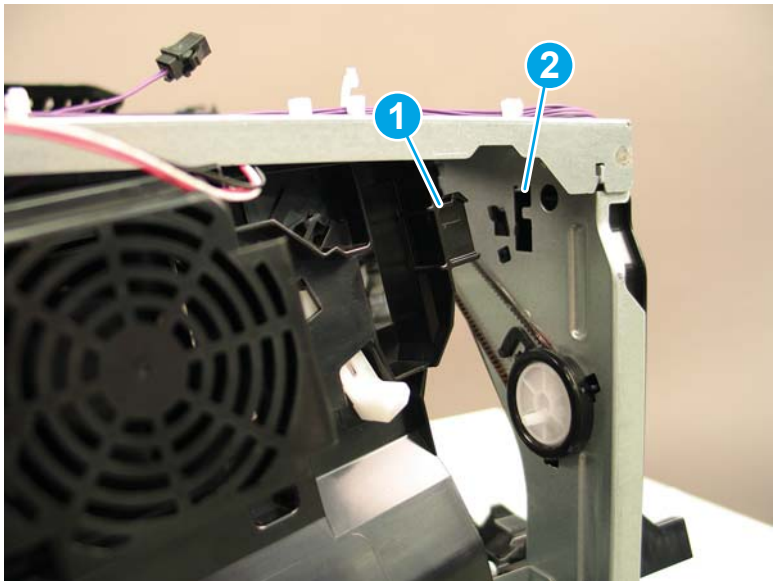
Figure 1-1186 Align the tabs



c. Install the right side of the cartridge panel first Position the tab (callout 1) on the cartridge panel into the slot (callout 2) in the sheet metal frame.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1187 Install the cartridge panel



Step 19: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Estrangement detect PCA

- Introduction
- Step 1: Remove the fuser
- Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 15: Remove the output bin
- Step 16: Remove the formatter cover
- Step 17: Remove the estrangement detect PCA
- Step 18: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the estrangement detect PCA.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

⚠ WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Estrangement detect PCA part number	
RM2-7157-000CN	Estrangement detect PCA

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the fuser

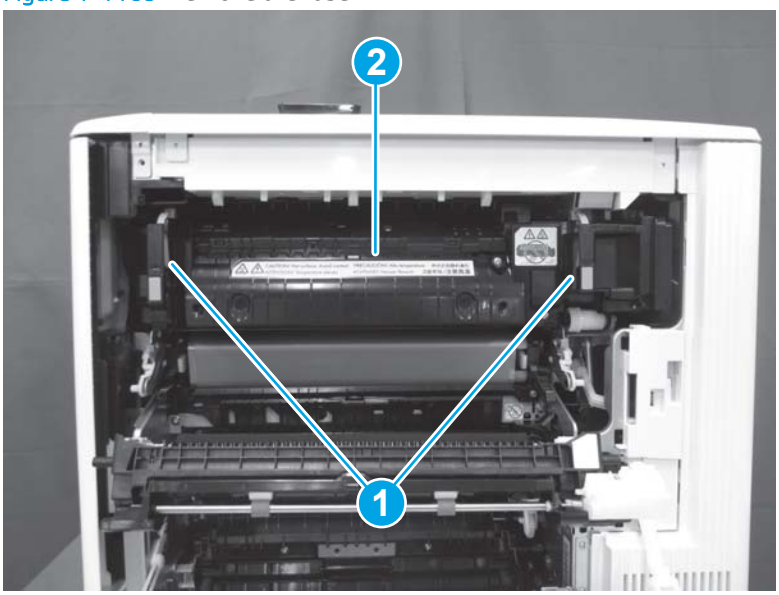
1. Open the right door.

Figure 1-1188 Open the right door



2. Grasp the handles (callout 1), and then pull away from the printer to remove the fuser (callout 2).

Figure 1-1189 Remove the fuser



Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

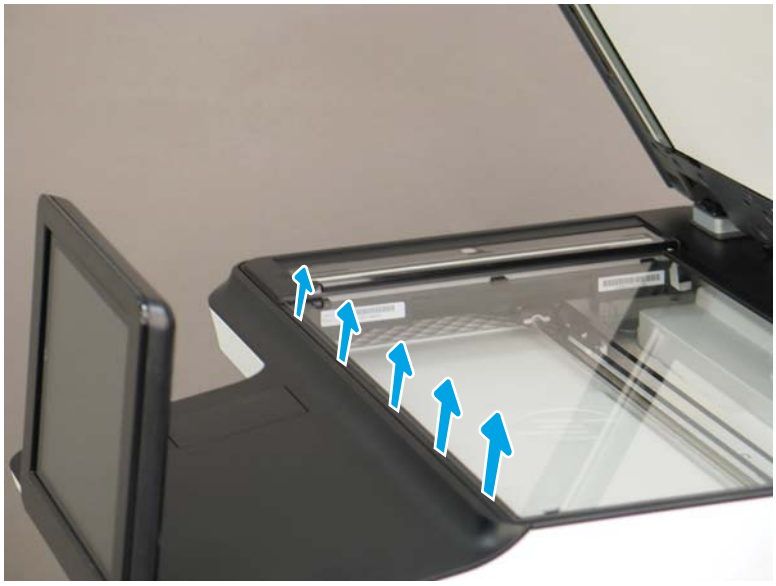
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1190 Tilt the control panel and open the document feeder



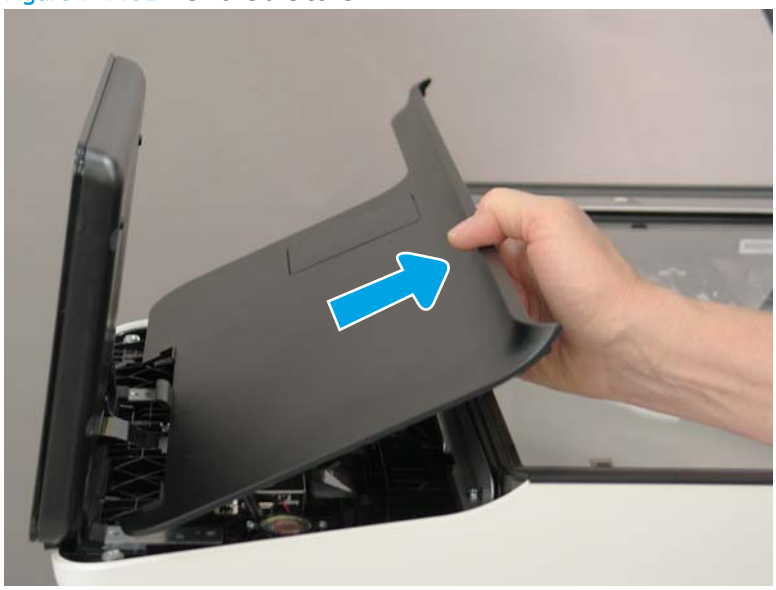
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1191 Release fiv tabs



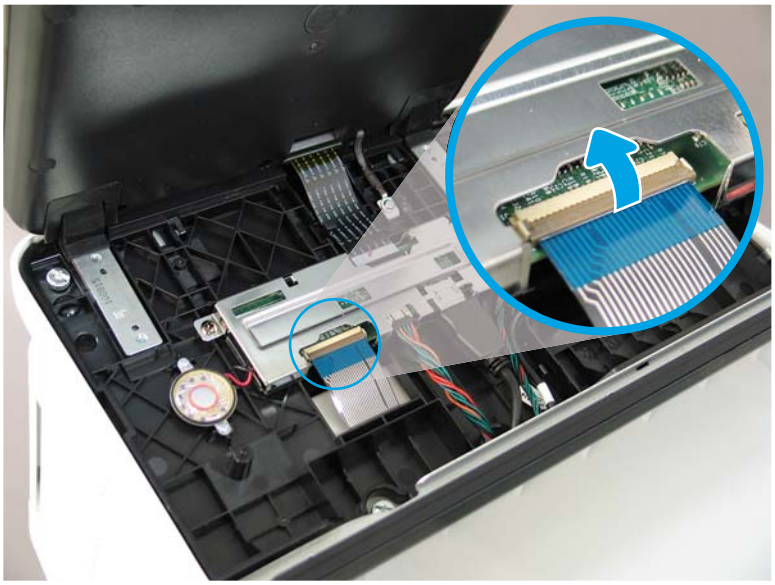
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1192 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1193 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1194 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1195 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1196 Remove the keyboard



Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

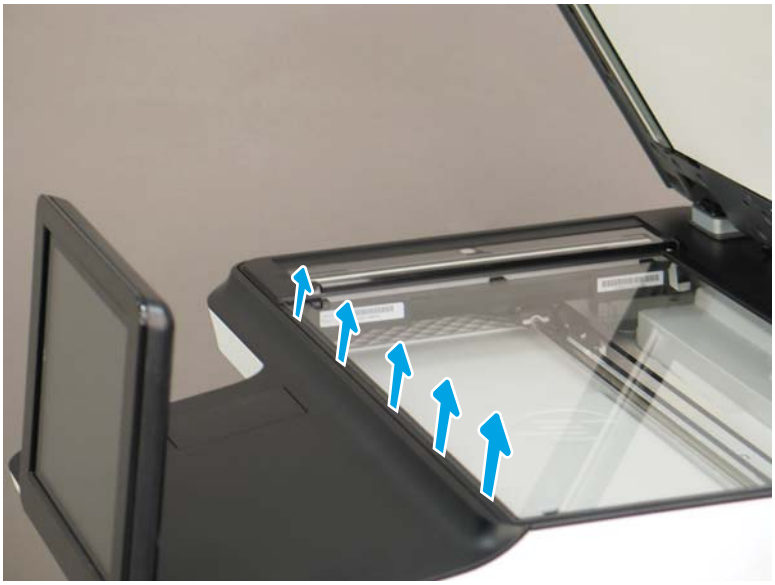
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1197 Tilt the control panel forward and open the document feeder



2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1198 Release fiv tabs



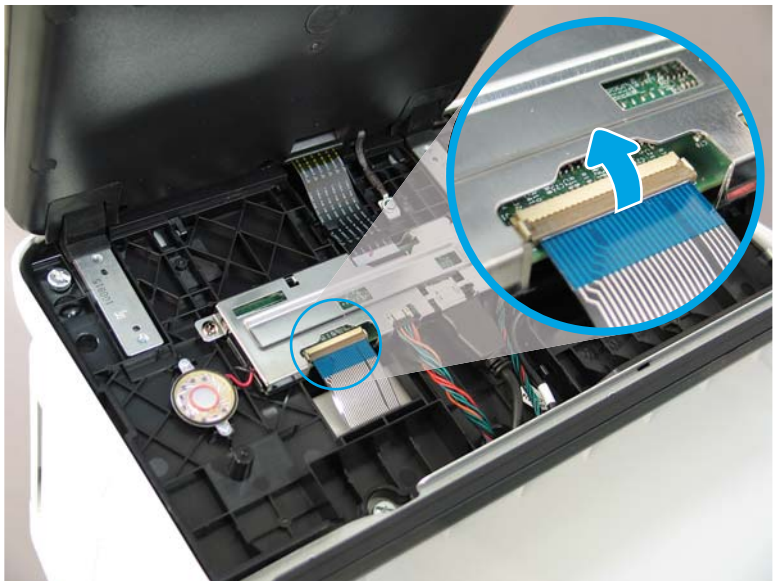
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1199 Remove the cover



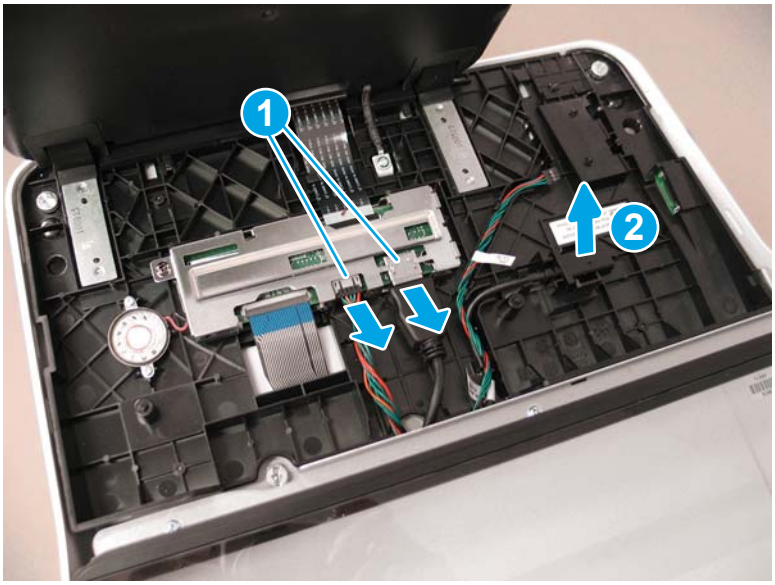
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1200 Disconnect the keyboard fla cable (keyboard models only)



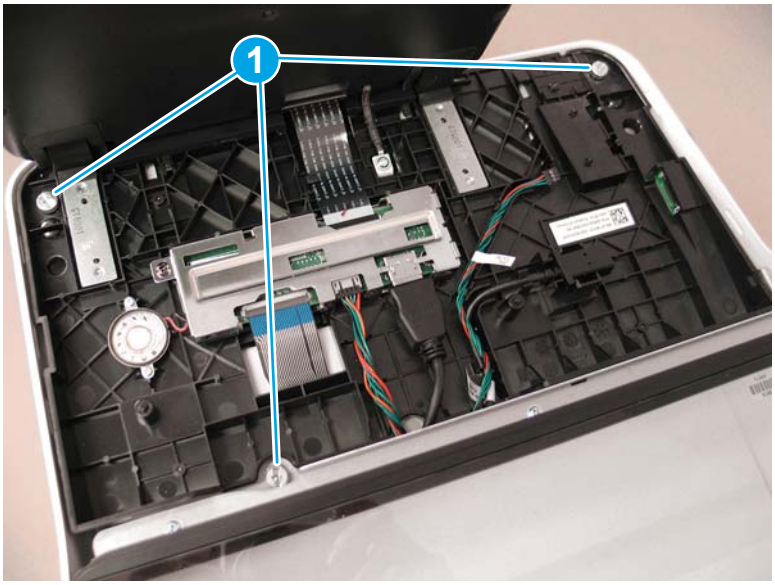
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1201 Disconnect connectors



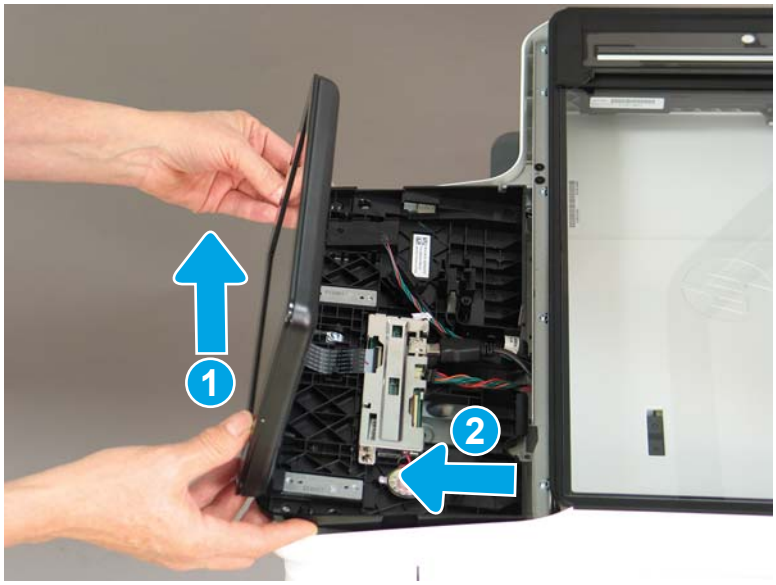
6. Remove three thumbscrews (callout 1).

Figure 1-1202 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1203 Remove the control panel

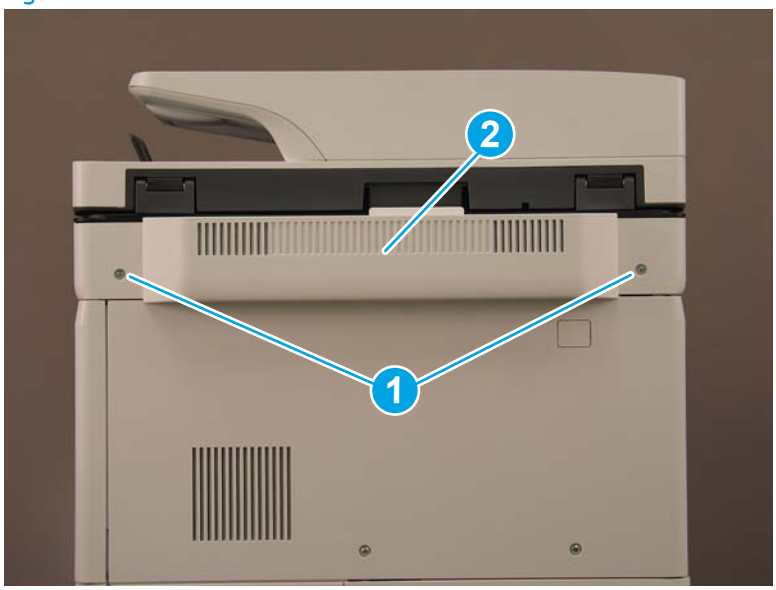


Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

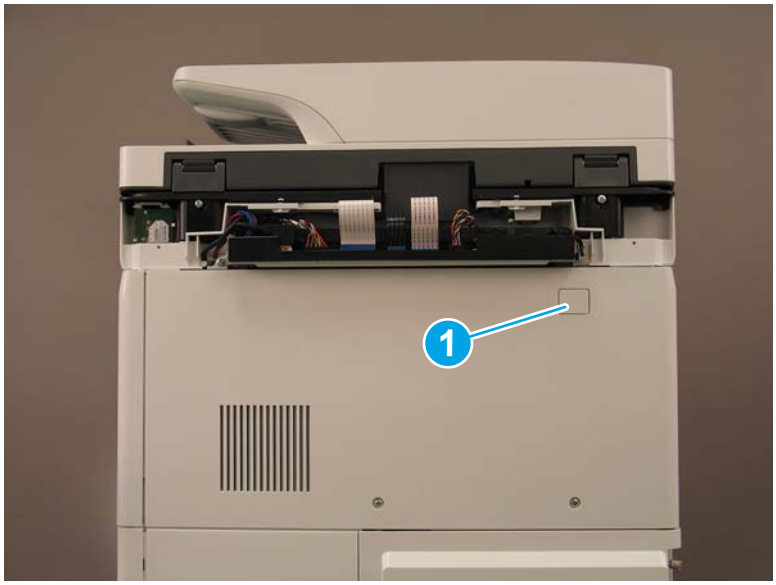
Figure 1-1204 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

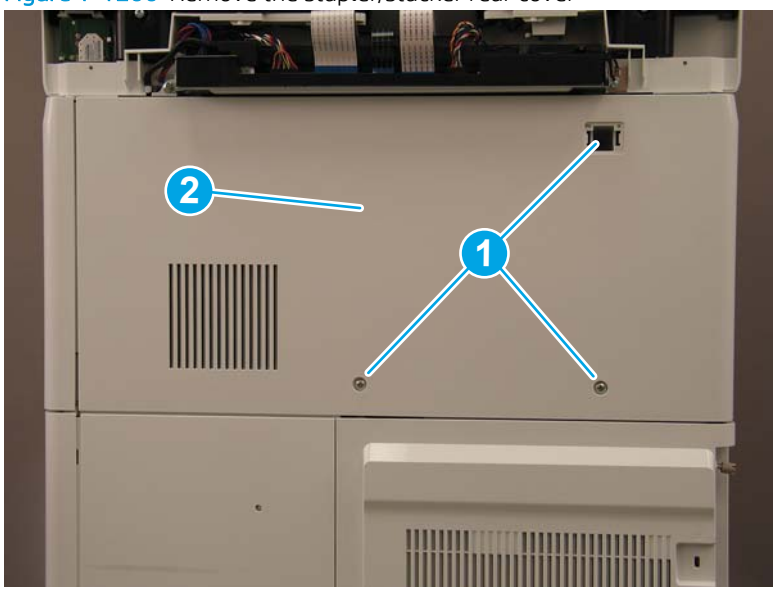
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-1205 Remove the small cover



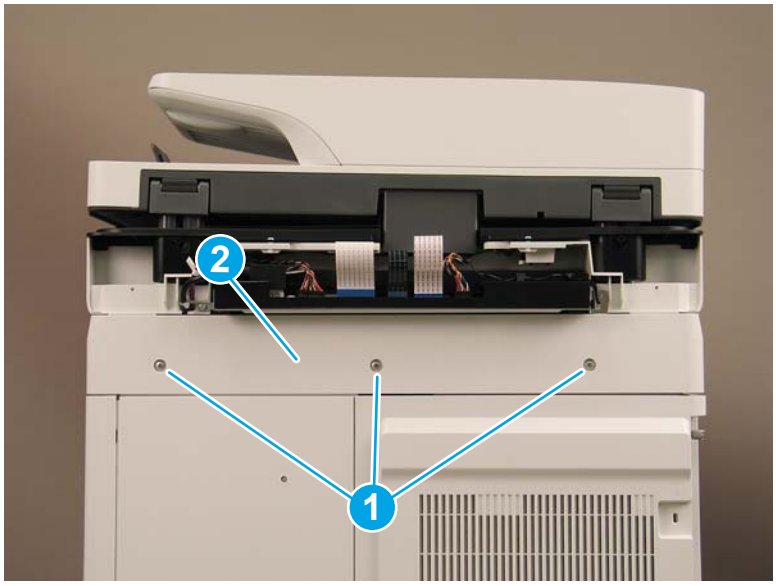
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1206 Remove the stapler/stacker rear cover



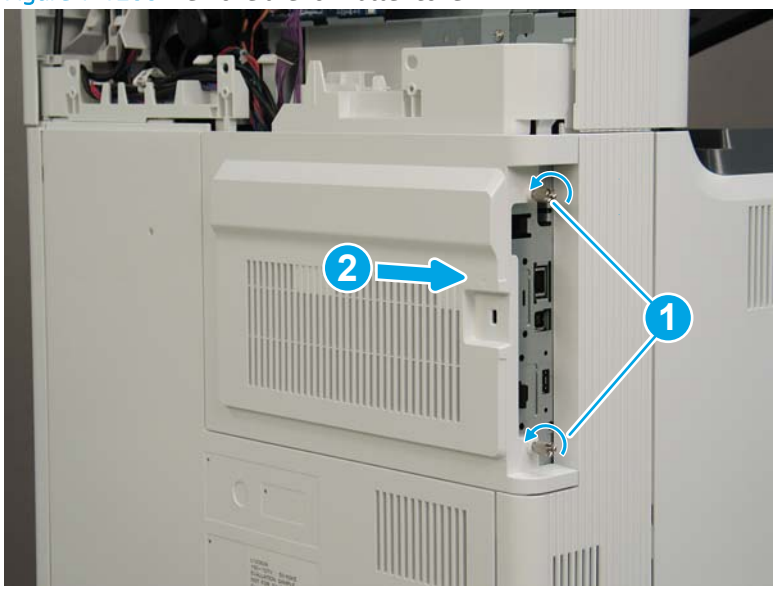
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1207 Remove the upper rear cover



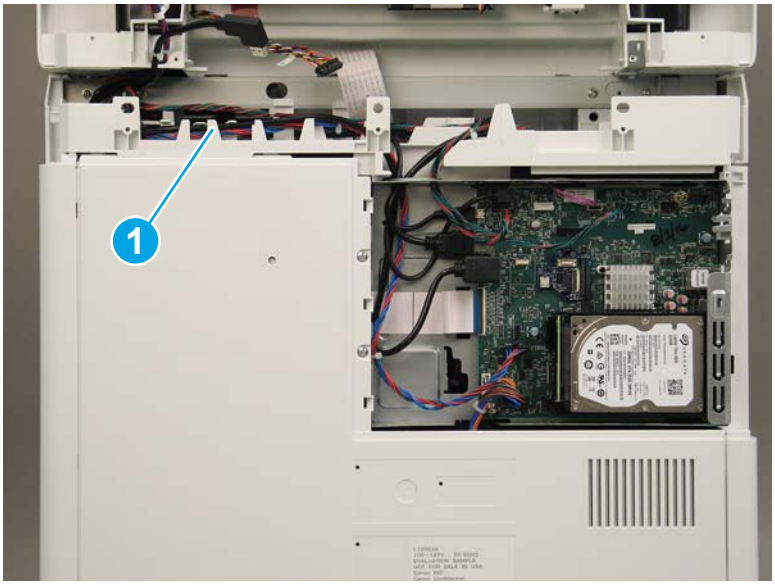
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1208 Remove the formatter cover



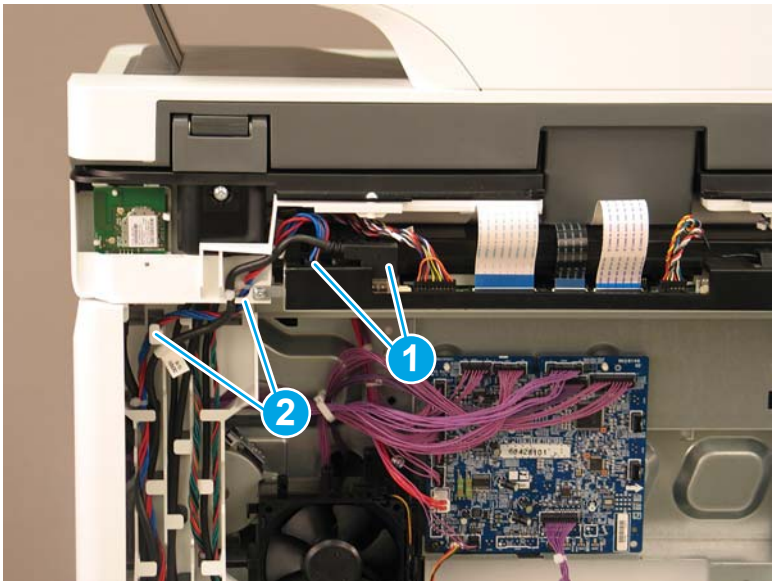
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1209 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1210 Disconnect two connectors



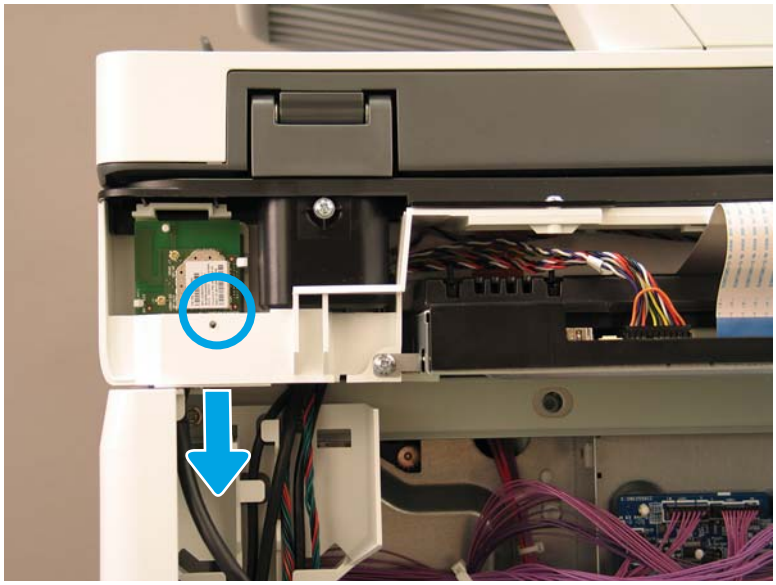
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1211 Disconnect fiv connectors



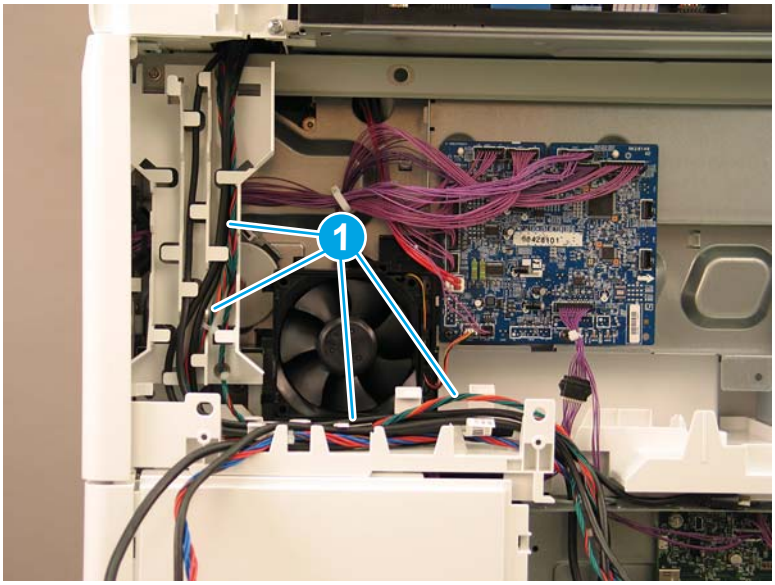
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1212 Disconnect the wireless connector



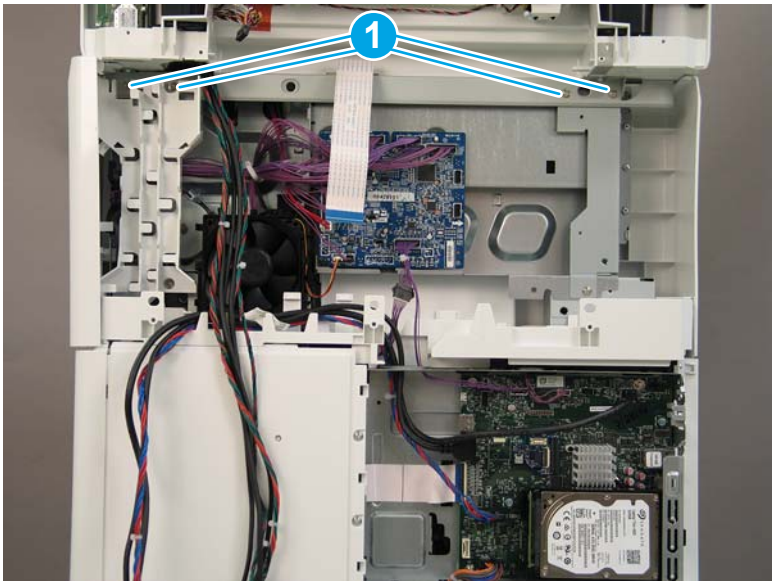
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1213 Release the cables



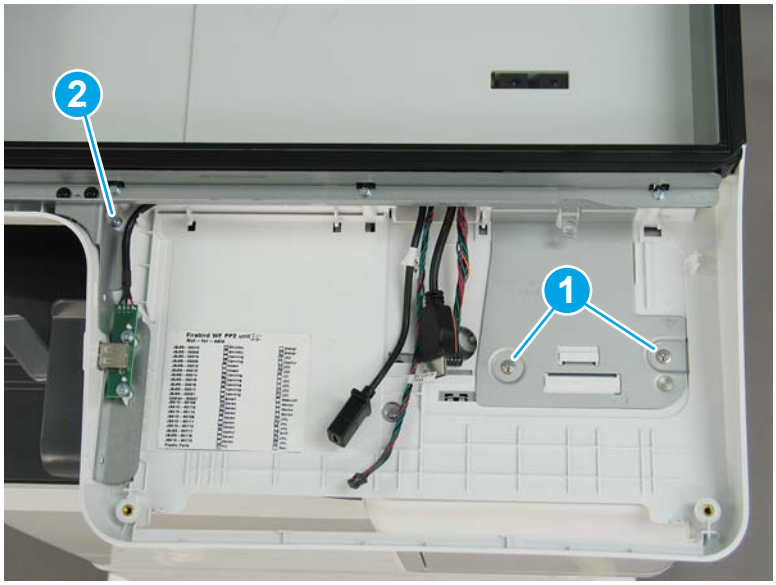
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1214 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1215 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1216 Remove the document feeder and image scanner



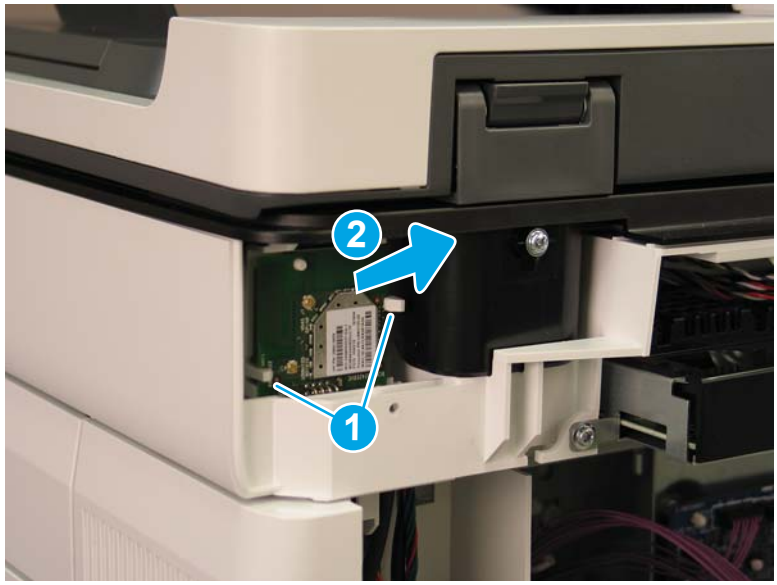
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

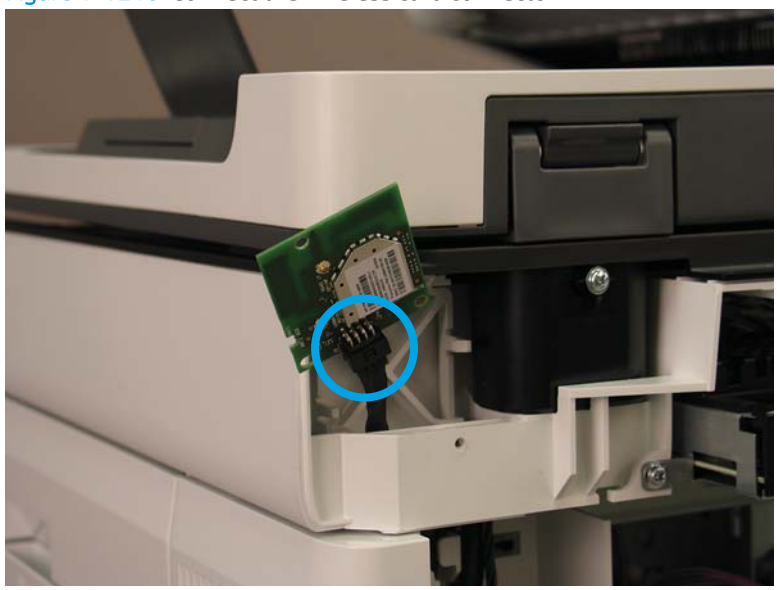
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1217 Remove the wireless card



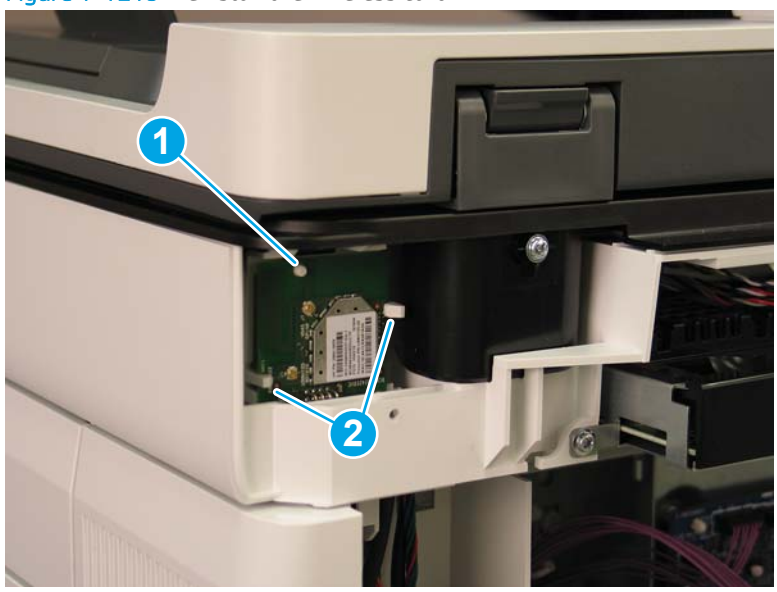
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1218 Connect the wireless card connector



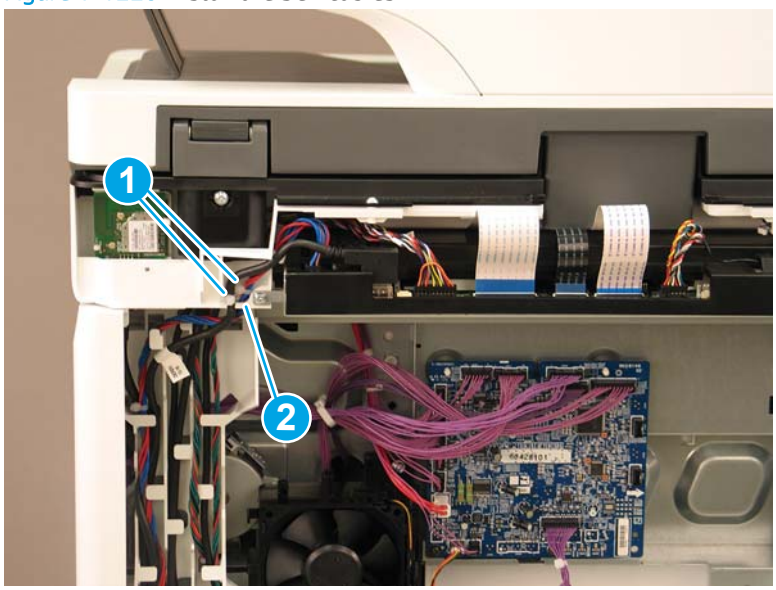
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1219 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1220 Install the SCB cables



Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

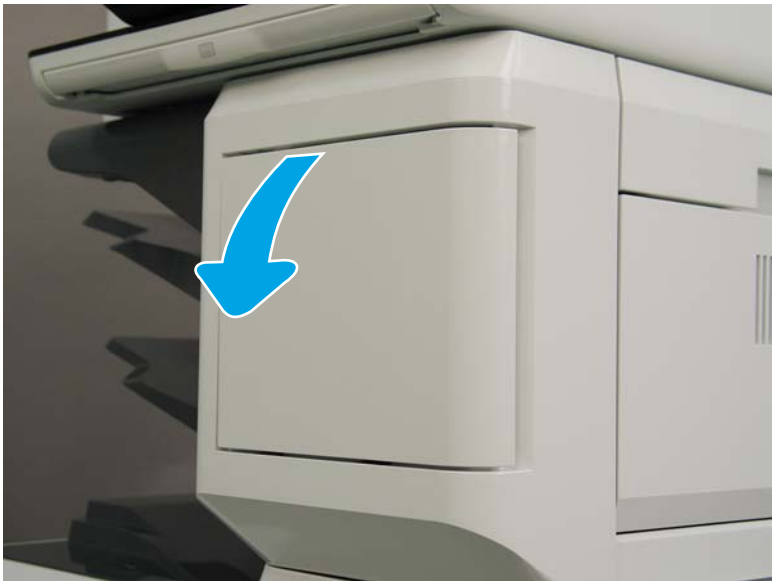
1. Open the front door.

Figure 1-1221 Open the front door



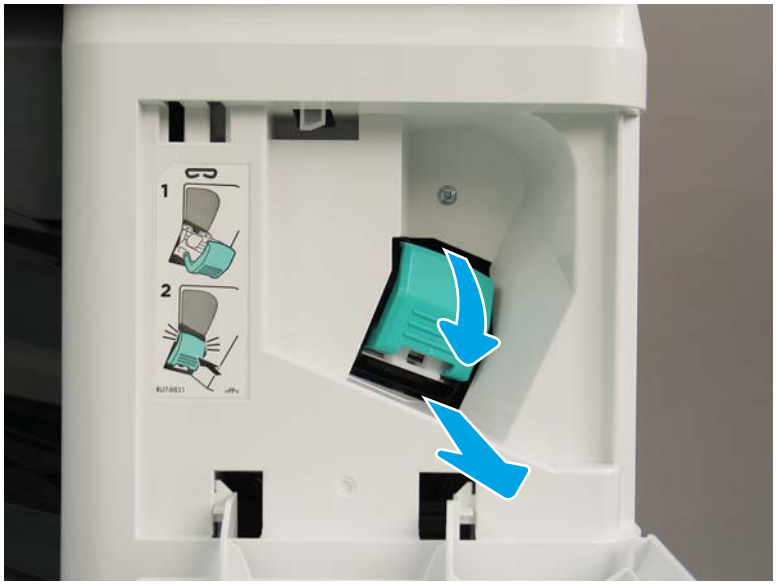
2. Open the stapler door.

Figure 1-1222 Open the stapler door



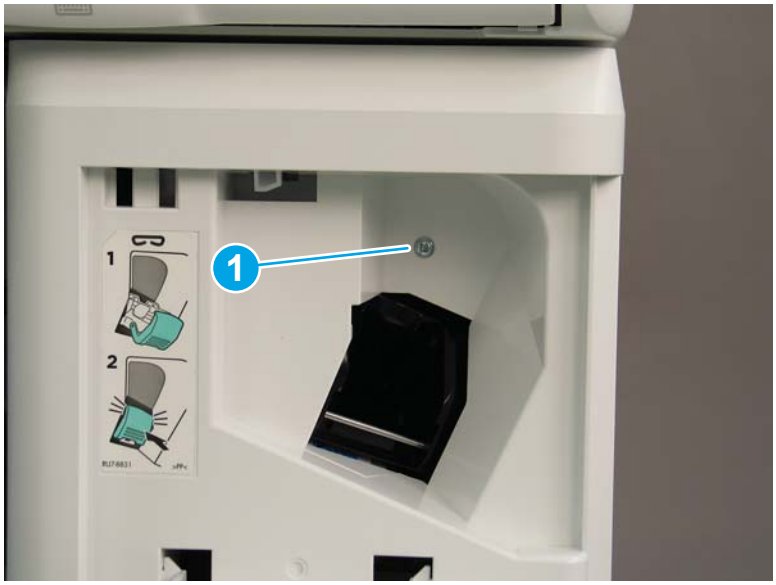
3. Release the latch, and then remove the staple cartridge.

Figure 1-1223 Remove the staple cartridge



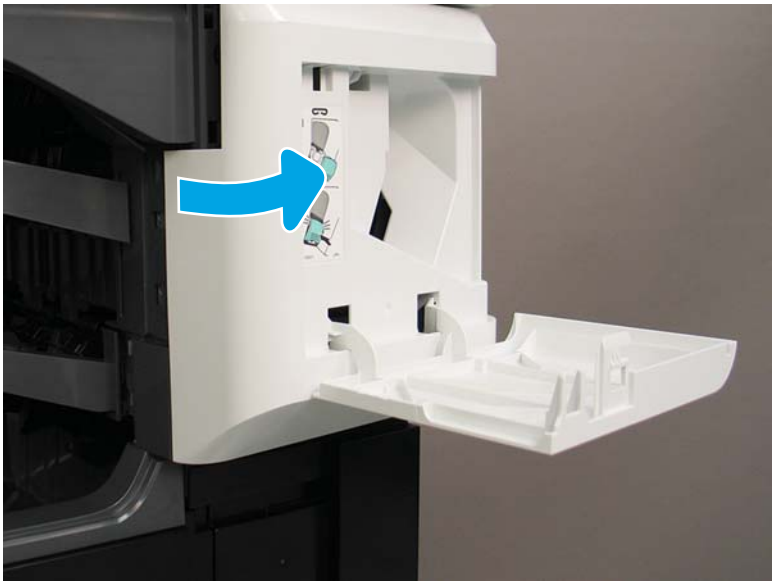
4. Remove one screw (callout 1).

Figure 1-1224 Remove one screw



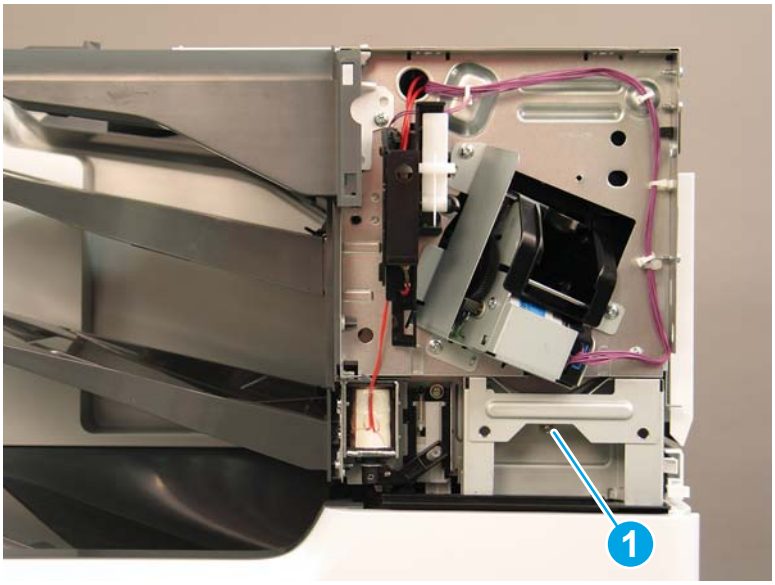
5. Rotate the stapler cover to the right to remove it.

Figure 1-1225 Remove the stapler cover



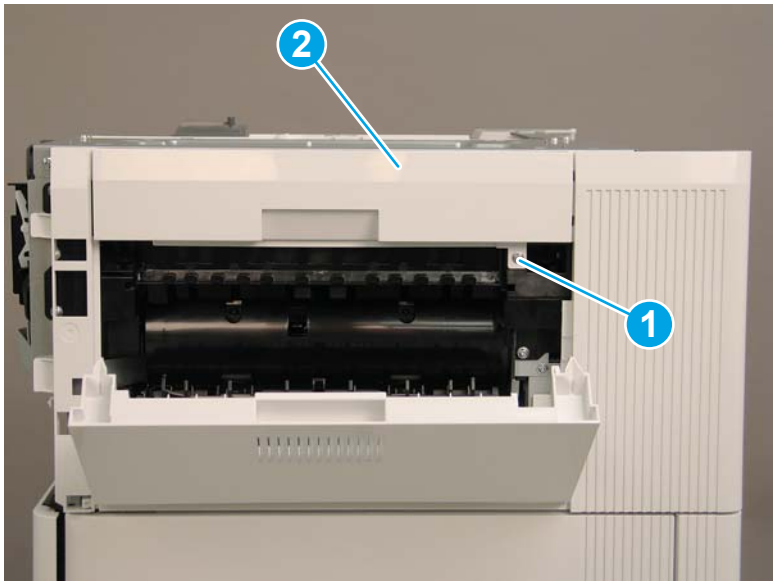
6. Remove one screw (callout 1).

Figure 1-1226 Remove one screw



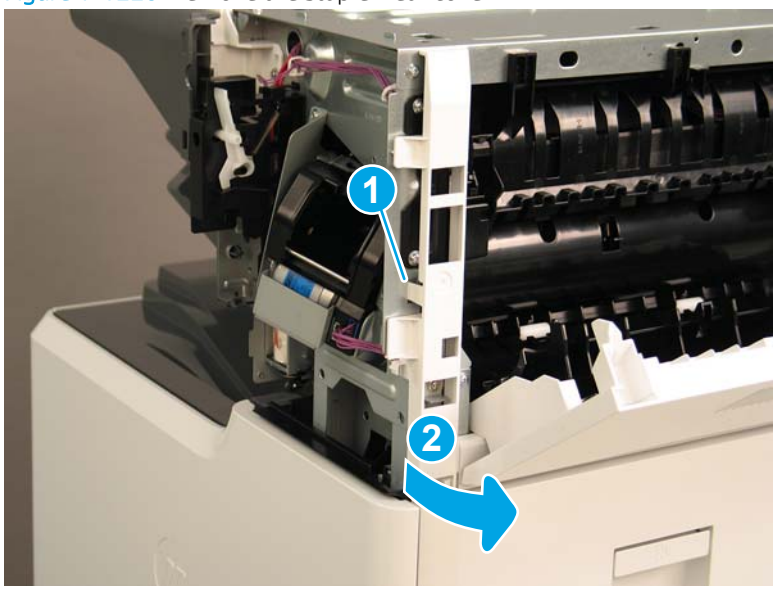
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1227 Remove the stapler/stacker right upper cover



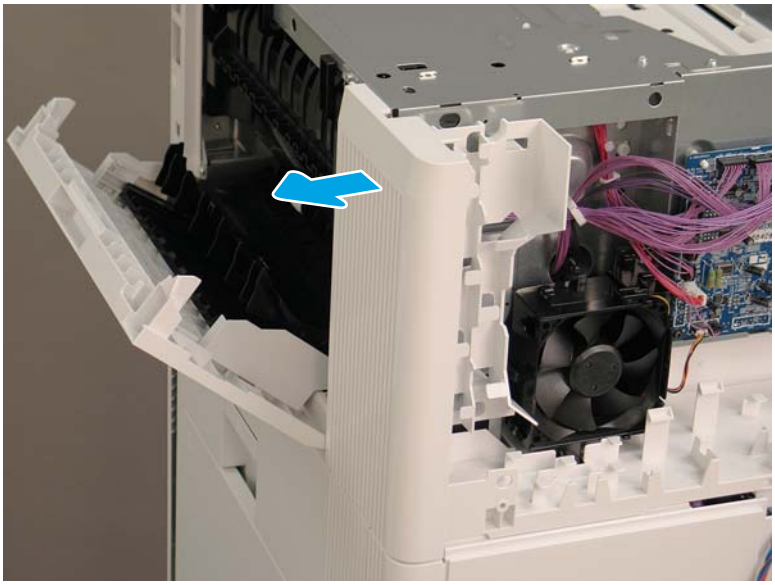
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1228 Remove the stapler rear cover



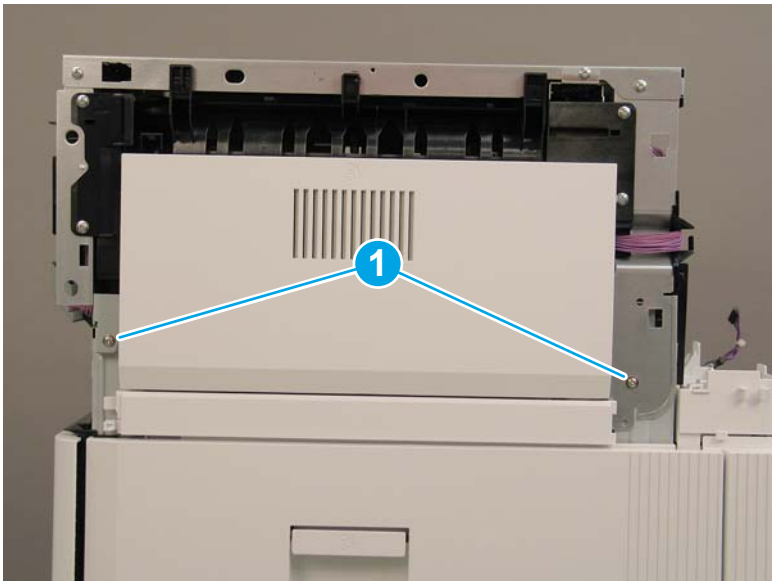
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1229 Remove the stapler/stacker rear corner cover



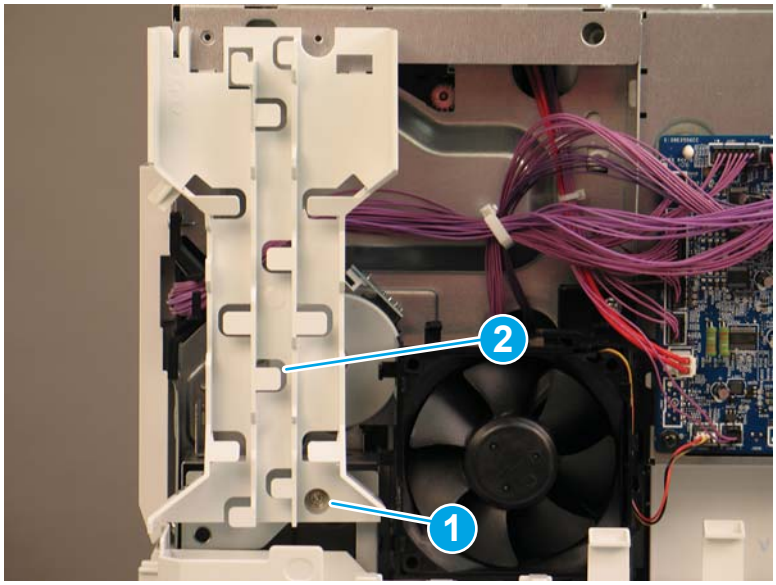
10. Remove two screws (callout 1).

Figure 1-1230 Remove two screws



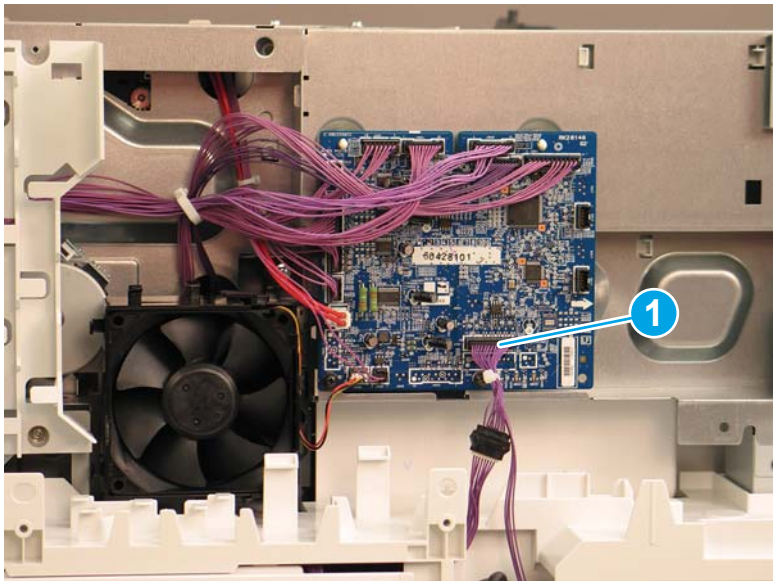
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1231 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

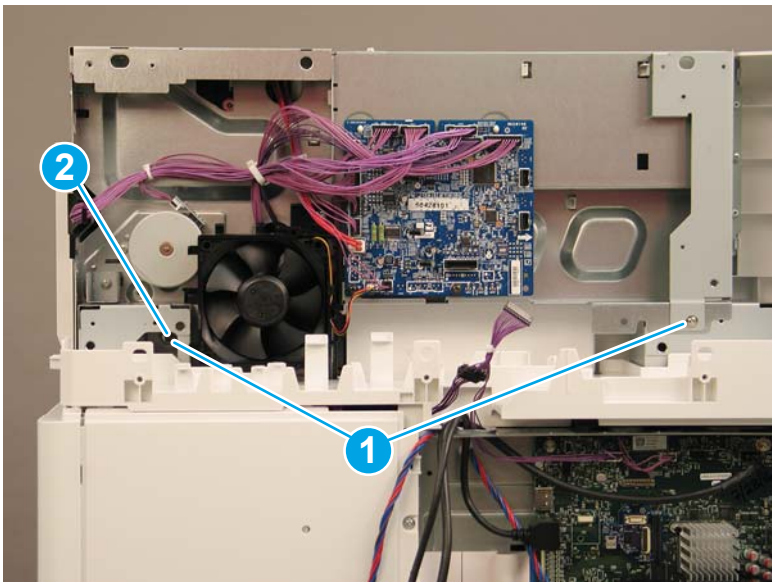
Figure 1-1232 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

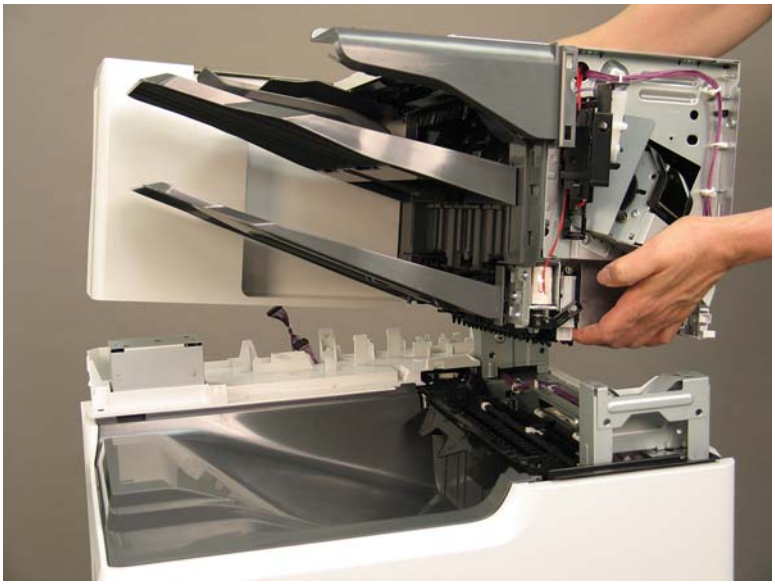
Figure 1-1233 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1234 Remove the stapler/stacker

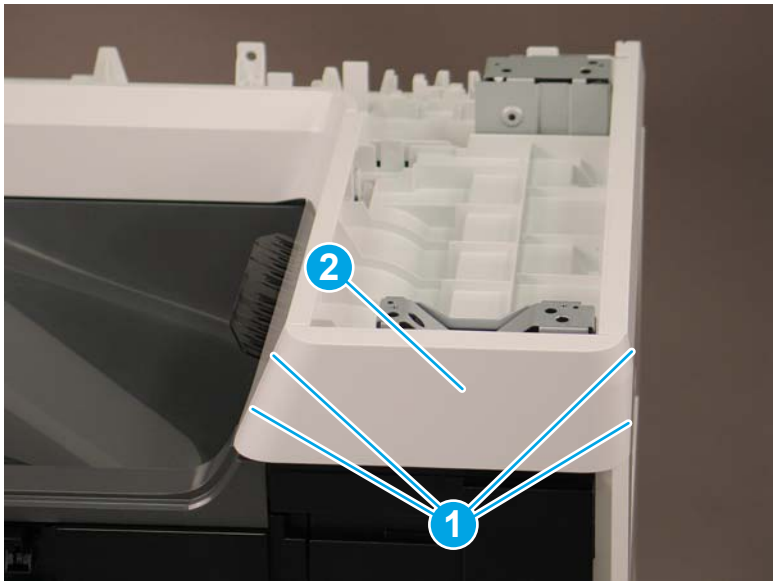


Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1235 Remove the face-down front cover



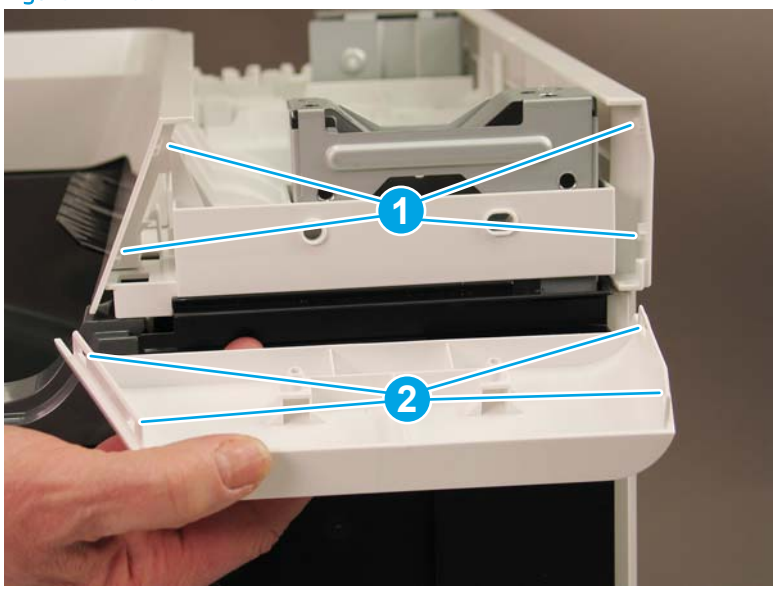
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1236 Install the cover



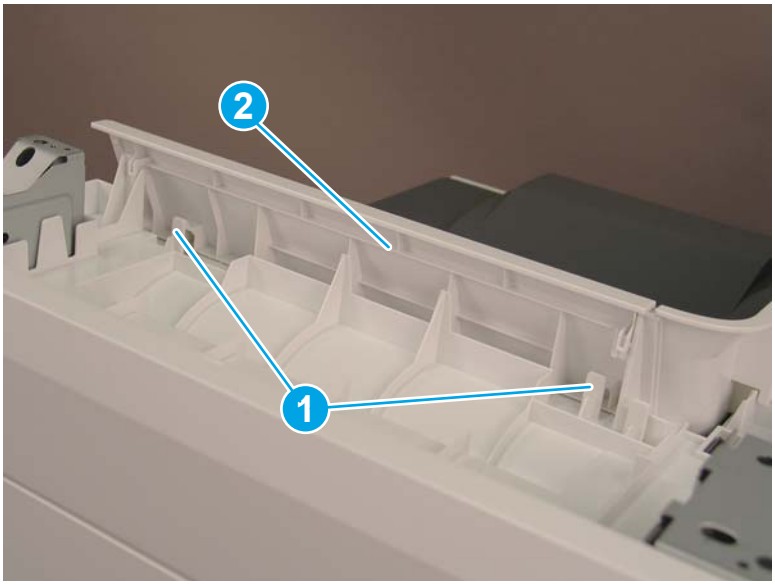
Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1237 Remove the top cover



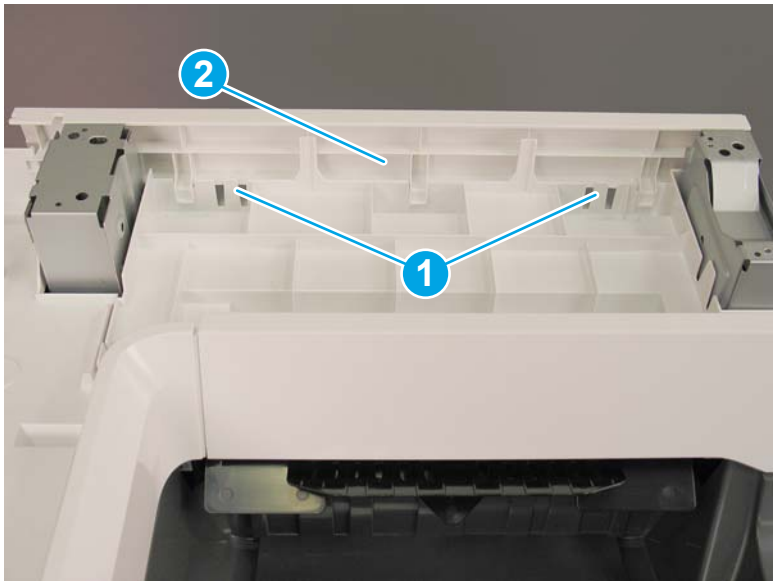
Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1238 Remove the right cover



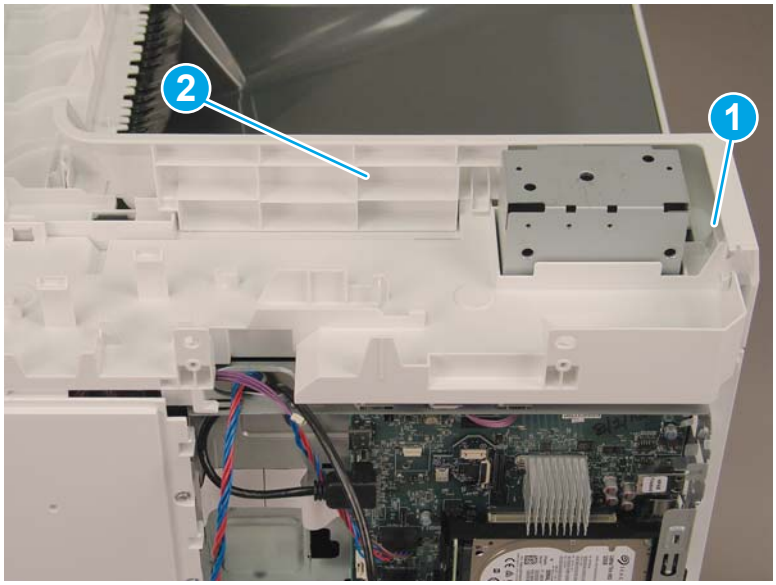
Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1239 Remove the front cover



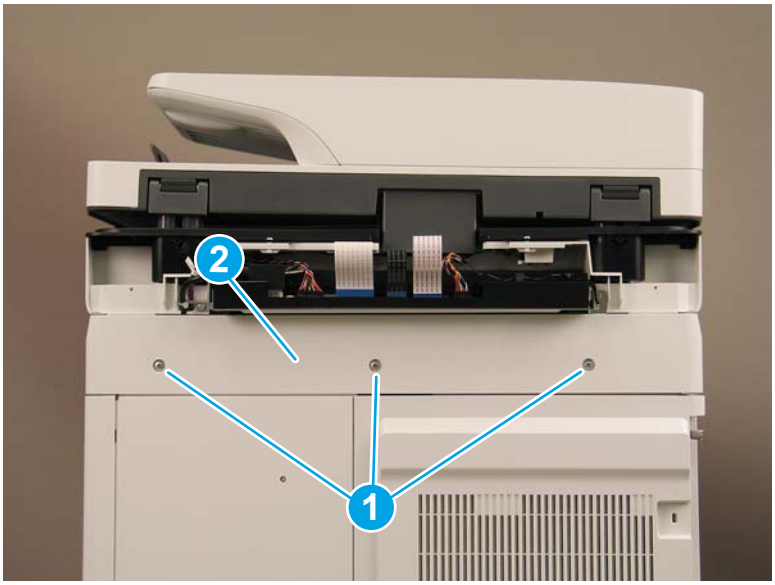
Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

- Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1240 Remove the rear upper cover



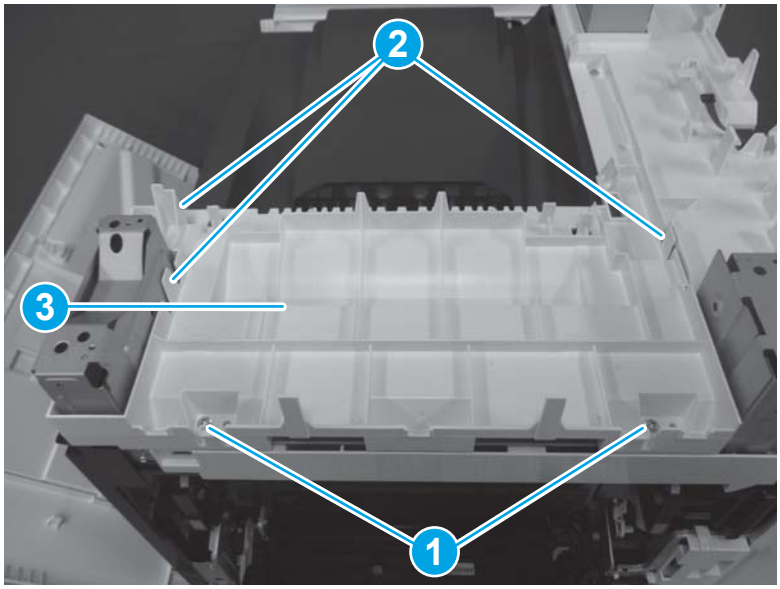
Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

- Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1241 Remove two screws and the face-down cover

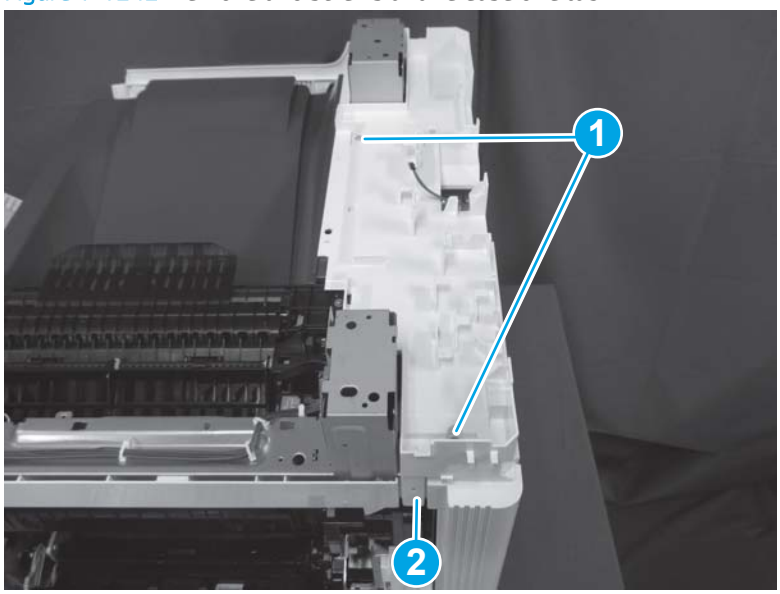


Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 800

1. Remove two screws (callout 1), and then release one tab (callout 2).

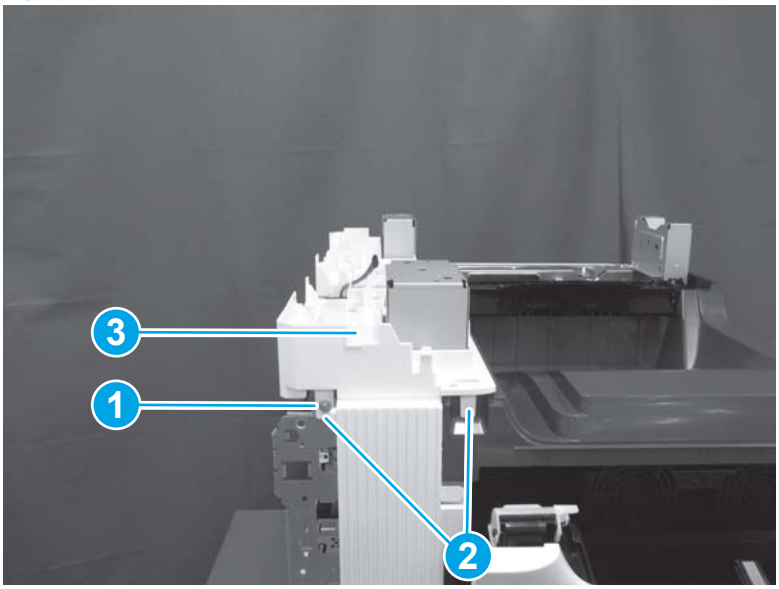
Figure 1-1242 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1243 Remove one screw and the main cover



Step 13: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 15: Remove the output bin on page 805

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1244 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1245 Remove the cover



3. Remove one thumbscrew (callout 1)

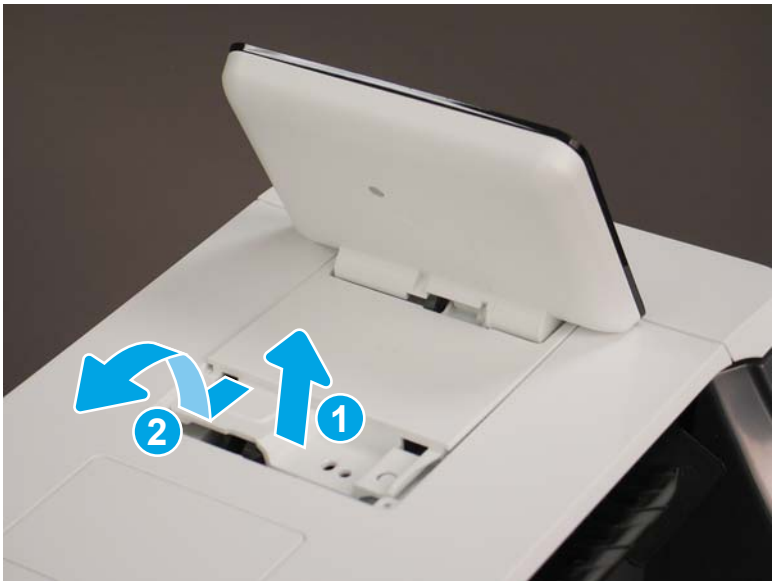
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1246 Remove one thumbscrew



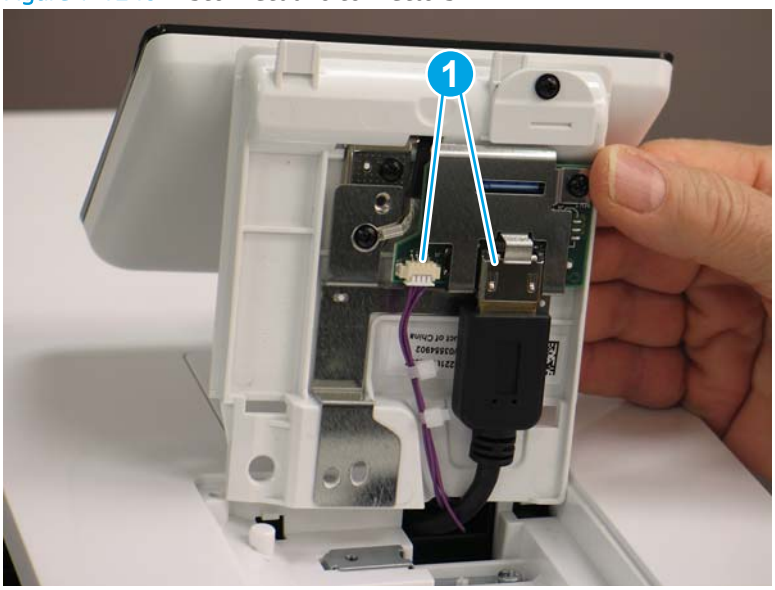
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1247 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1248 Disconnect two connectors



6. Remove the control panel.

Figure 1-1249 Remove the control panel



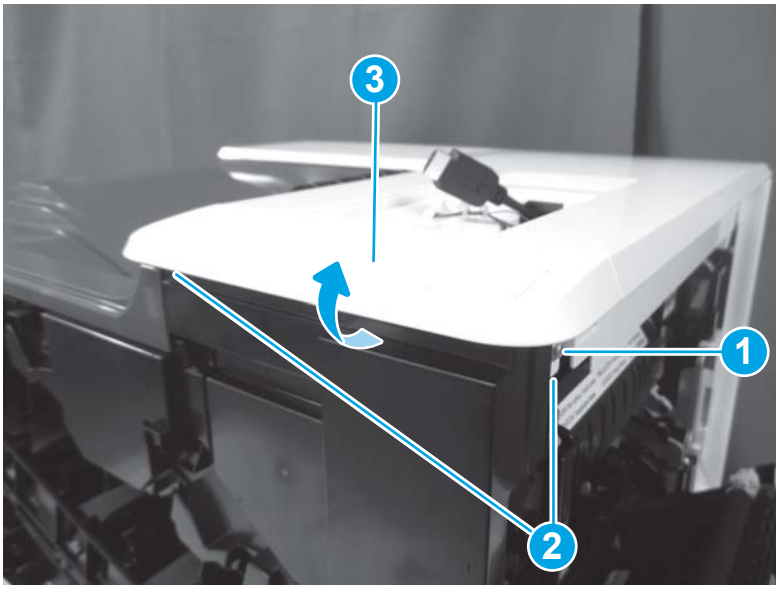
Step 14: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 15: Remove the output bin on page 805

1. Open the following doors:
   - Front door
   - Left door
   - Right door

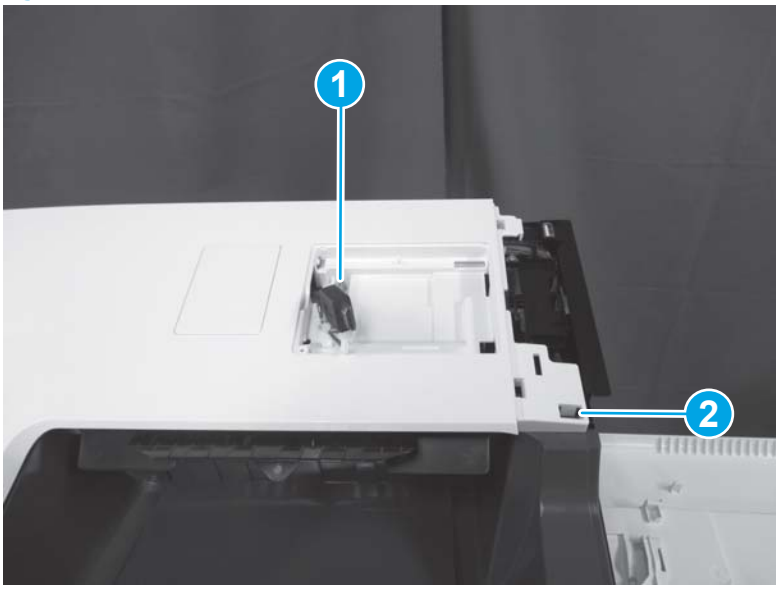
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1250 Remove the NFC cover



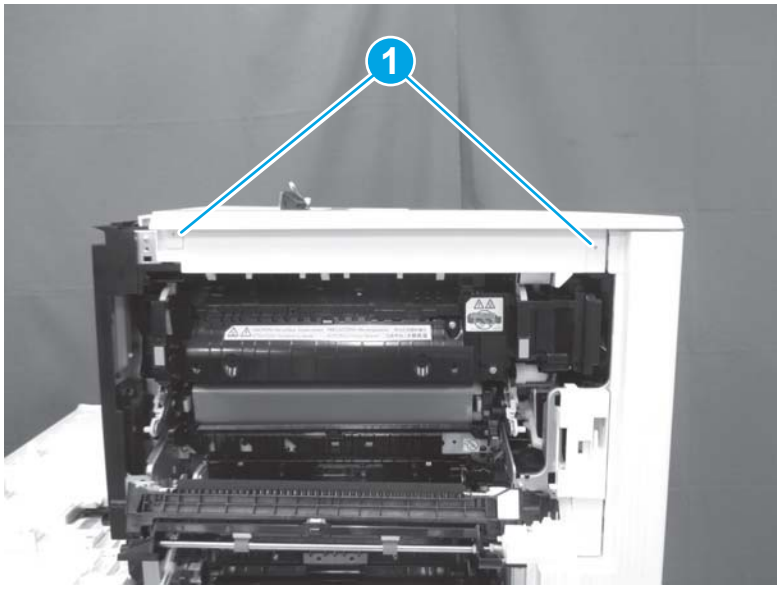
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1251 Remove one screw and release one tab



4. Release two tabs (callout 1).

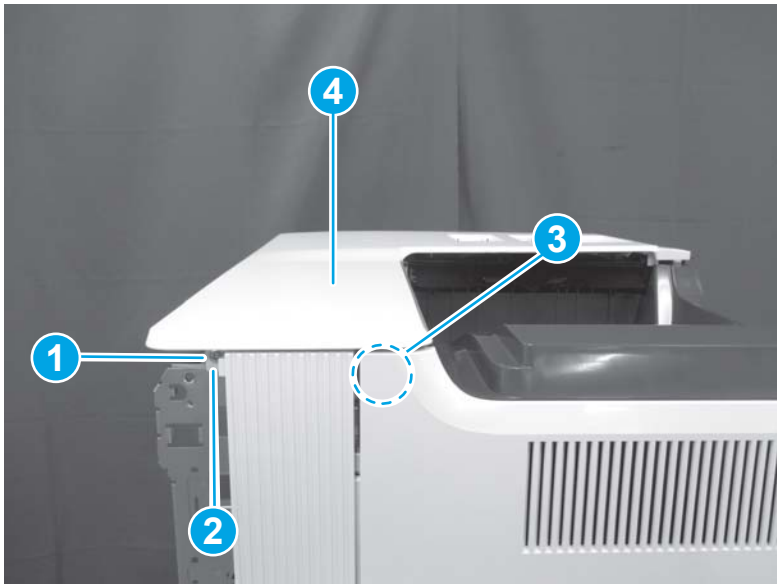
Figure 1-1252 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1253 Remove the top cover



Step 15: Remove the output bin

1. Open the following doors:

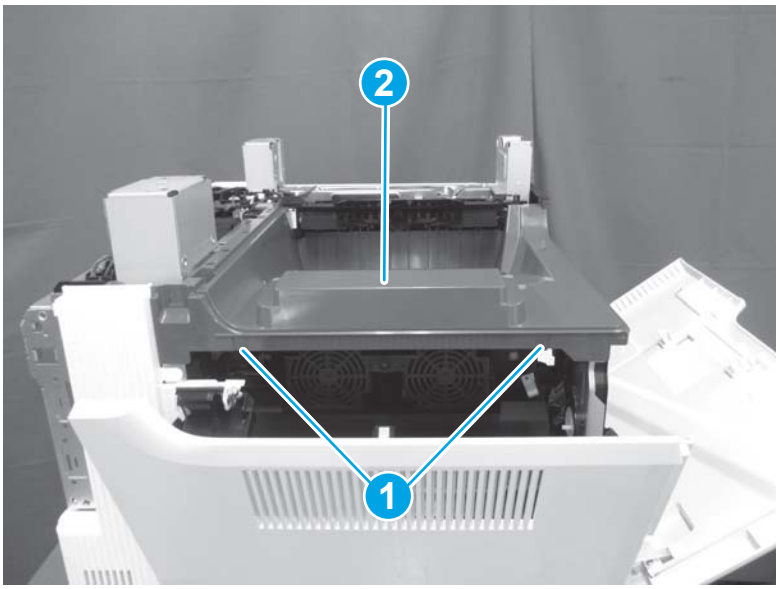
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1254 Remove the output bin

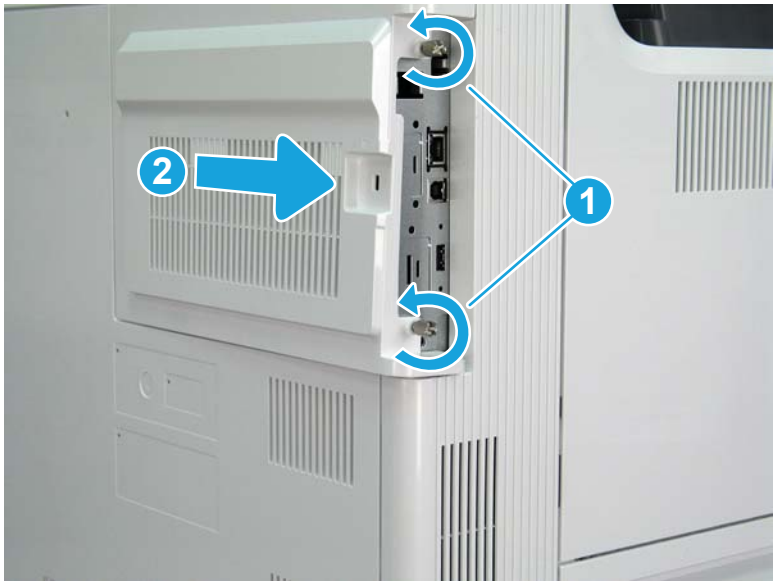


Step 16: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

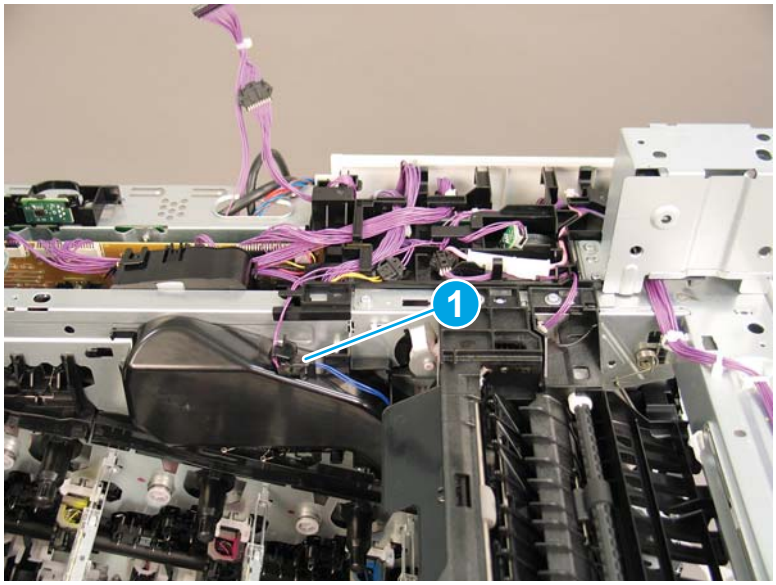
Figure 1-1255 Remove the formatter cover



Step 17: Remove the estrangement detect PCA

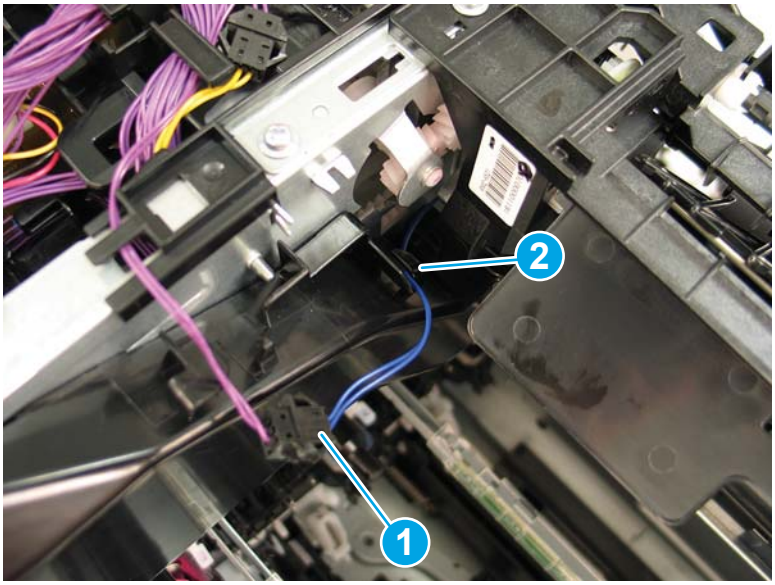
1. Release one connector (callout 1) from a retainer.

Figure 1-1256 Release one connector



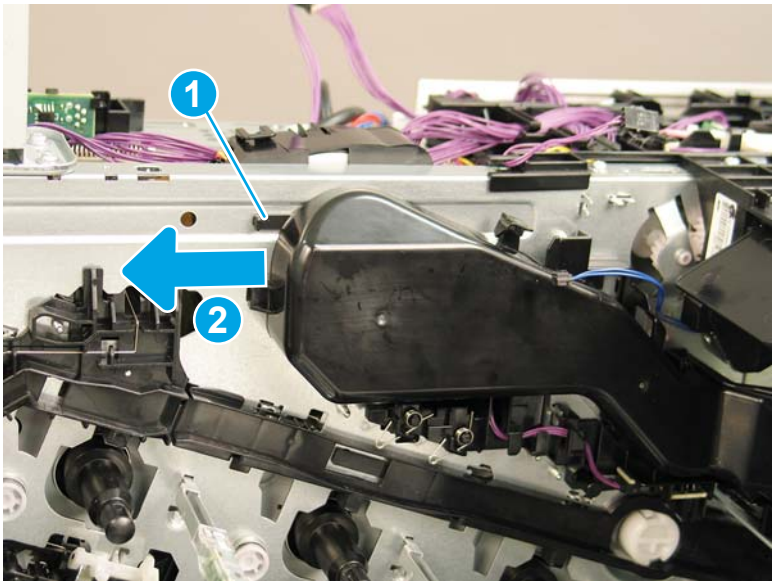
2. Disconnect one connector (callout 1), and then release the cable from the guide (callout 2).

Figure 1-1257 Disconnect one connector and release the cable.



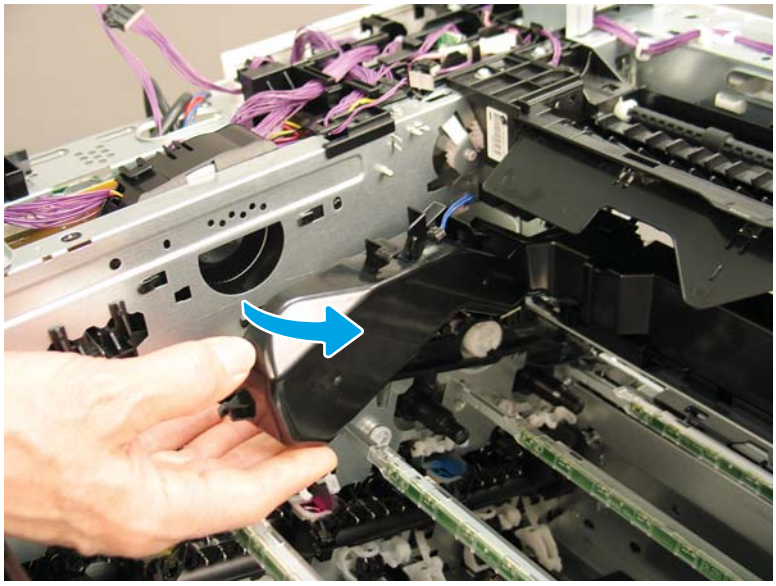
3. Release one tab (callout 1), and then slide the fan shroud to the left (callout 2).

Figure 1-1258 Release one tab and slide the shroud



4. Rotate the fan shroud away from the printer to remove it.

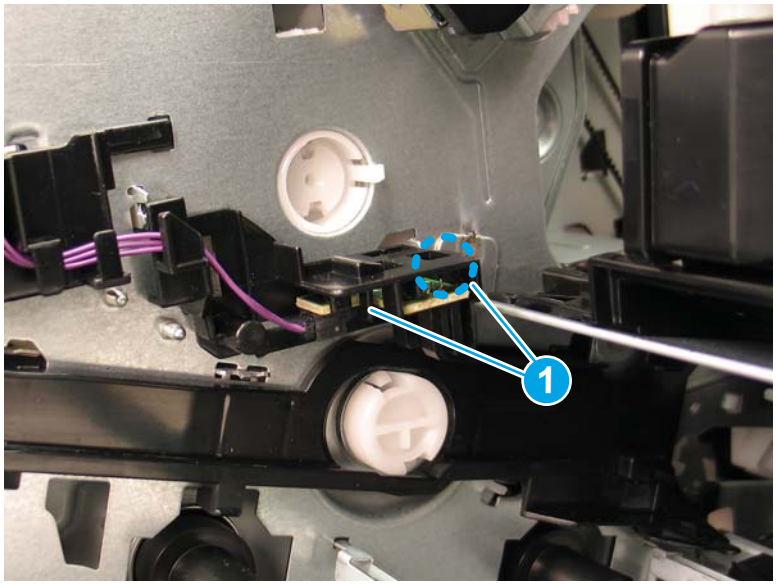
Figure 1-1259 Remove the fan shroud



5. Release two tabs (callout 1).

TIP: Carefully slide a small, flat-blad screwdriver on the right side of the PCA to gently release the right tab.

Figure 1-1260 Release two tabs

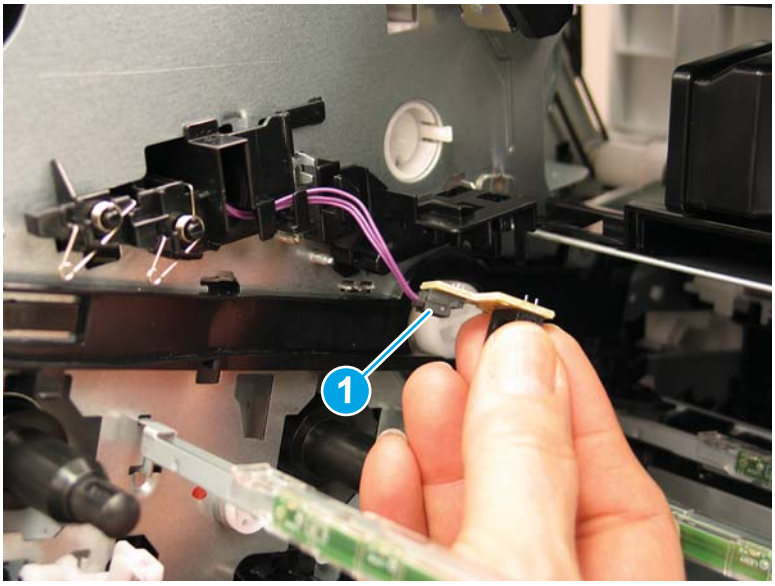


6. Remove the estrangement detect PCA, and then disconnect one connector (callout 1).

Reinstallation tip: Connect the connector to the replacement part before installing the PCA in the holder.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1261 Remove the PCA and disconnect one connector



Step 18: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Environmental sensor PCA

- Introduction
- Step 1: Remove the toner collection unit (TCU)
- Step 2: Remove the left rear cover
- Step 3: Remove the left door
- Step 4: Remove the left handle
- Step 5: Remove the environmental sensor PCA
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the environmental sensor PCA.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Environmental sensor PCA part number	
RM2-8440-000CN	Environmental sensor PCA

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

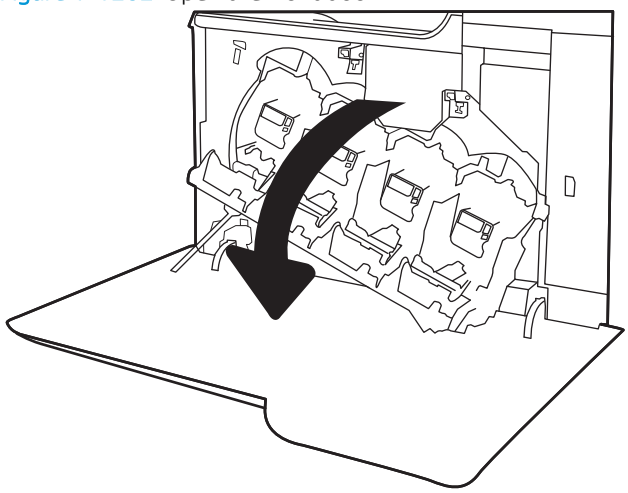
Step 1: Remove the toner collection unit (TCU)

NOTE: The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

CAUTION: If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

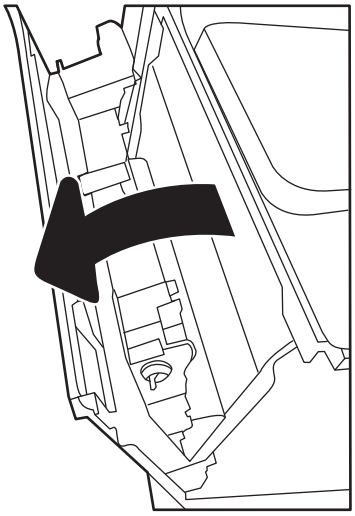
1. Open the front door.

Figure 1-1262 Open the front door



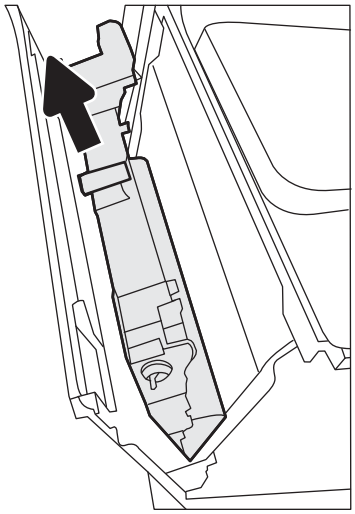
2. Open the left door.

Figure 1-1263 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

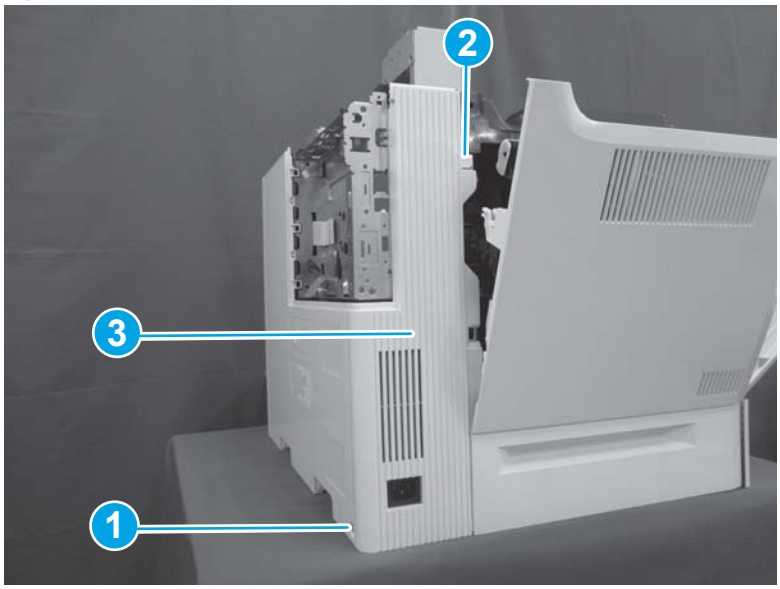
Figure 1-1264 Remove the TCU



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1265 Remove the left rear cover



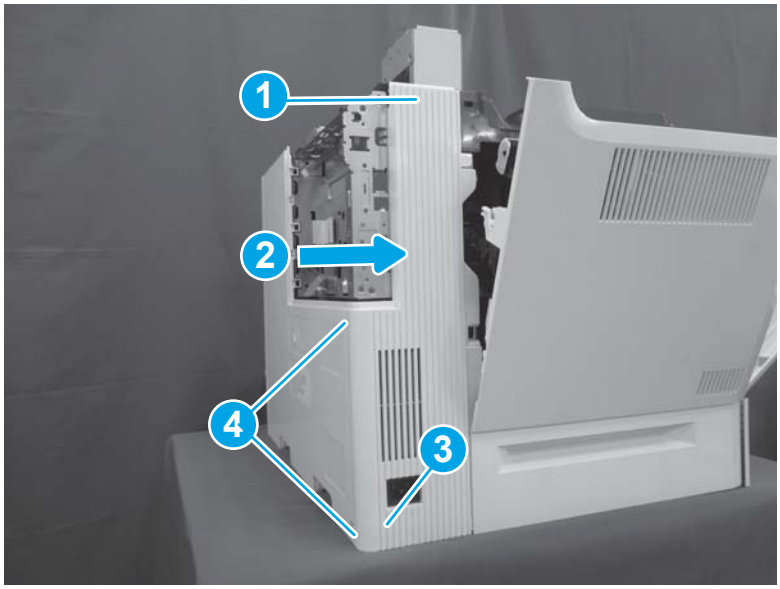
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1266 Install the left rear cover



Step 3: Remove the left door

1. Open front door.

Figure 1-1267 Open front door

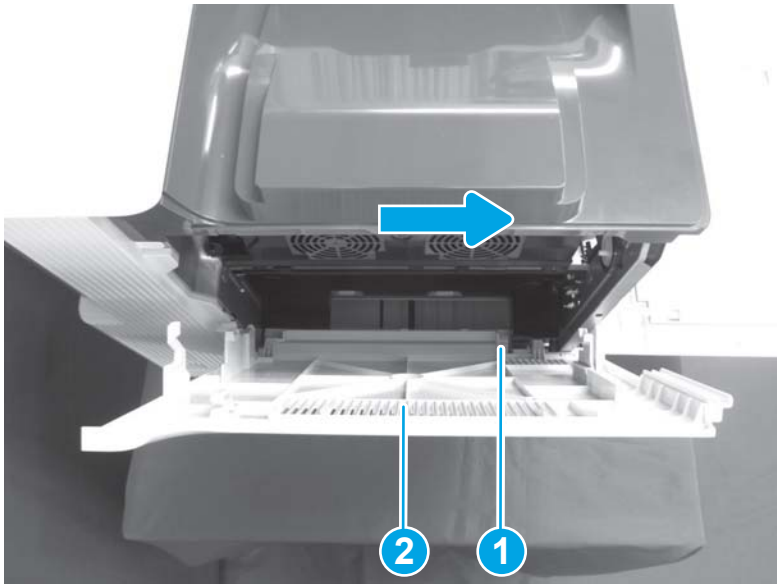


2. Press on the tab (callout 1) while sliding the left door (callout 2) to the right to remove it.

NOTE: Make sure that the front door is not blocking the left door at the lower corner.

Reinstallation tip: Reverse the removal steps to install the assembly.

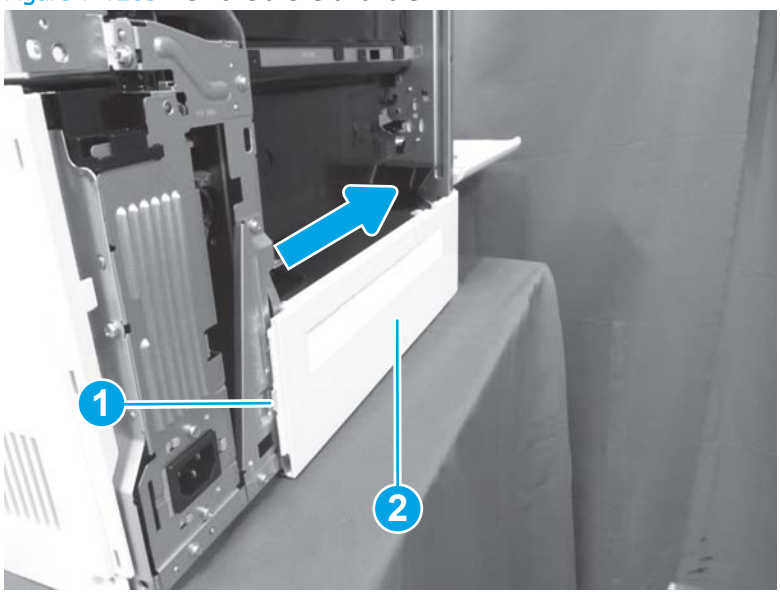
Figure 1-1268 Remove the left door



Step 4: Remove the left handle

1. Release one tab (callout 1), and then gently lift the left side of the handle away from the sheet metal. Slide the left handle (callout 2) toward the front of the printer to remove it.

Figure 1-1269 Remove the left handle



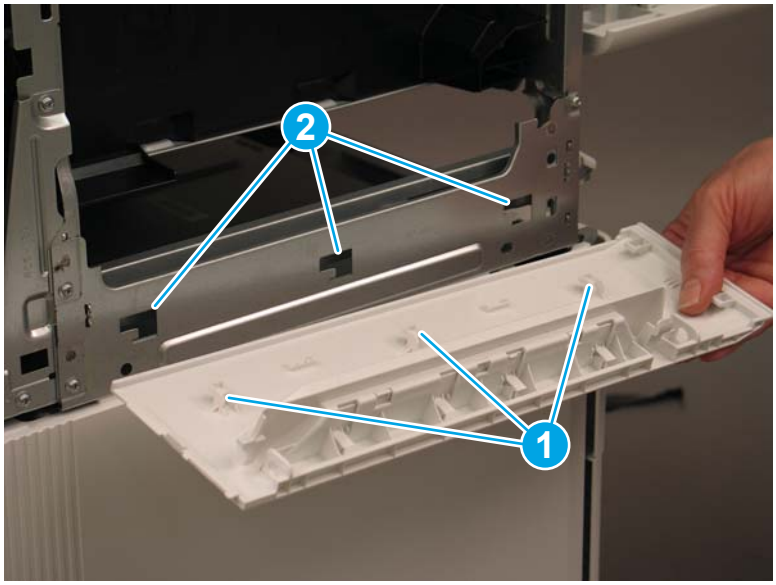
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left handle

▲ When reinstalling the left handle, install the hooks (callout 1) on the handle in the slots (callout 2) in the printer. Align the right-most hook firs to ensure all the hooks are aligned, and then slide the handle to the left to lock it into position.

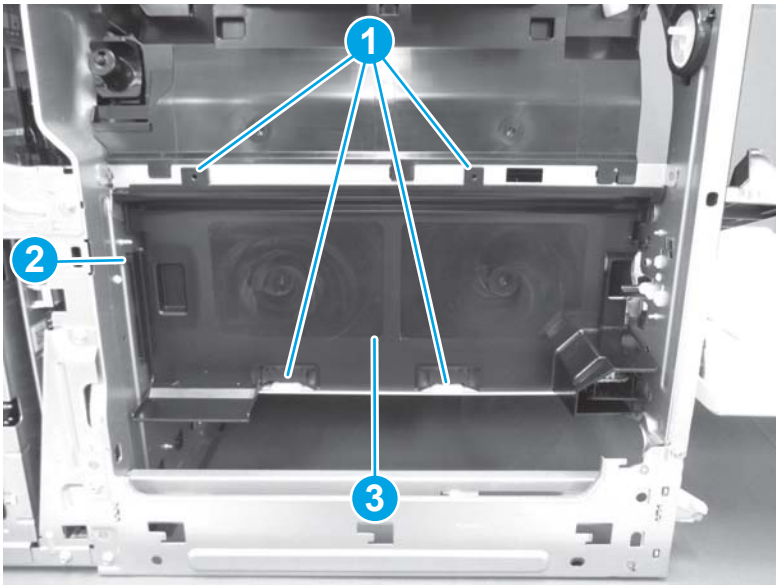
Figure 1-1270 Install the left handle



Step 5: Remove the environmental sensor PCA

1. Release four tabs (callout 1). Release one boss (callout 2), pivot the left side of the cover away from the printer, and then remove the scanner cover (callout 3).

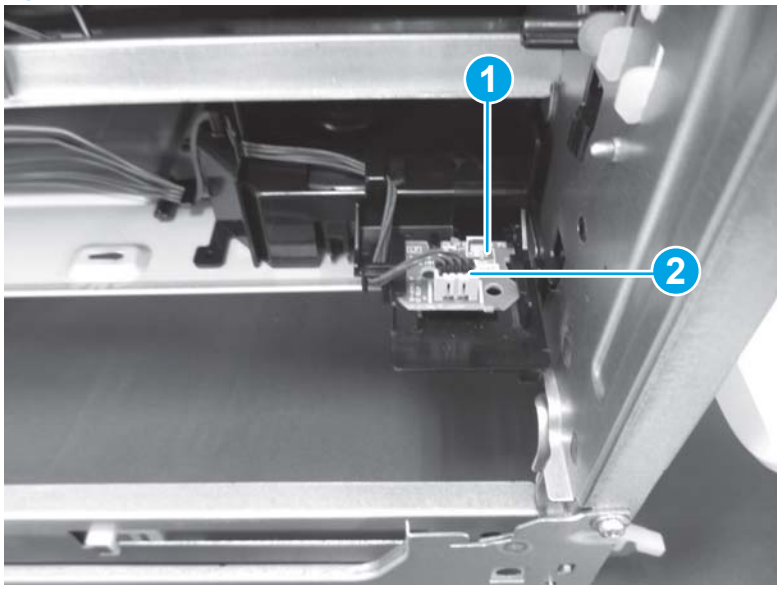
Figure 1-1271 Remove the scanner cover



2. Release the environmental sensor (callout 1) from the printer, and then disconnect one connector (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1272 Remove the environmental sensor



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Cartridge fan

- Introduction
- Step 1: Remove the toner collection unit (TCU)
- Step 2: Remove the left rear cover
- Step 3: Remove the left door
- Step 4: Remove the left handle
- Step 5: Remove the cartridge fan
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the cartridge fan.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Cartridge fan part number	
RK2-6124-000CN	Cartridge fan

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

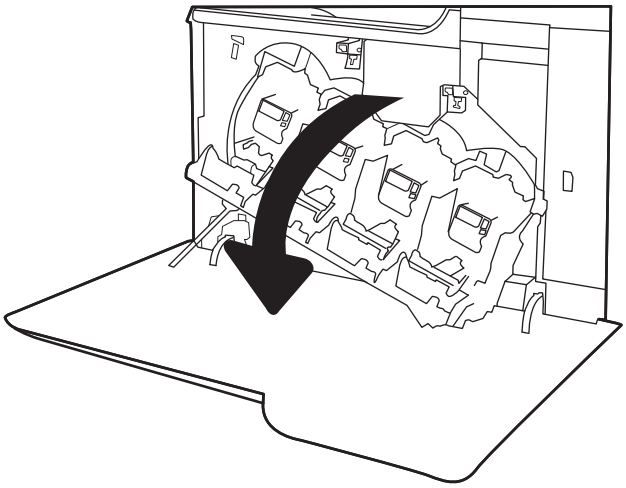
Step 1: Remove the toner collection unit (TCU)

NOTE: The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

CAUTION: If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

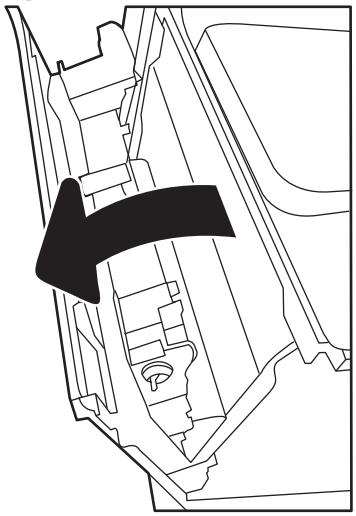
1. Open the front door.

Figure 1-1273 Open the front door



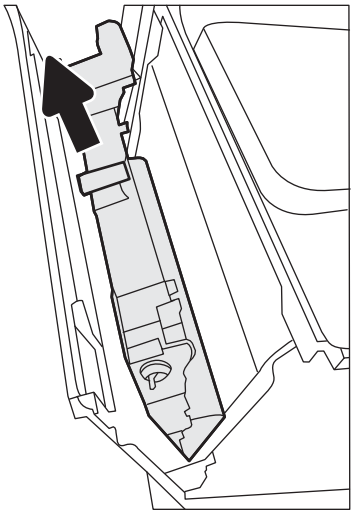
2. Open the left door.

Figure 1-1274 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

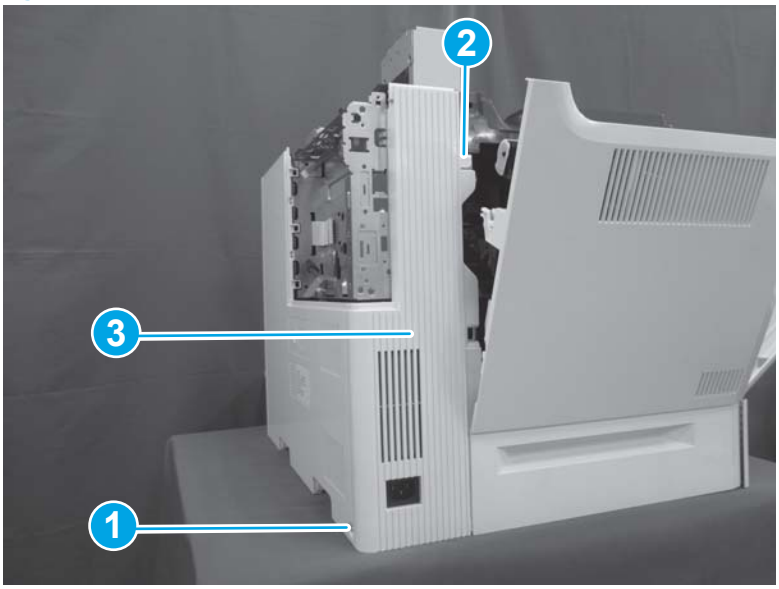
Figure 1-1275 Remove the TCU



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1276 Remove the left rear cover



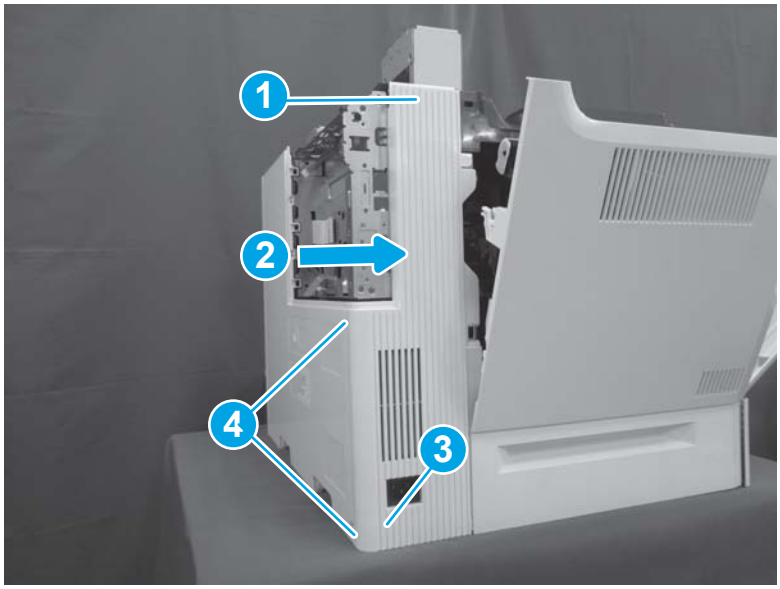
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1277 Install the left rear cover



Step 3: Remove the left door

1. Open front door.

Figure 1-1278 Open front door

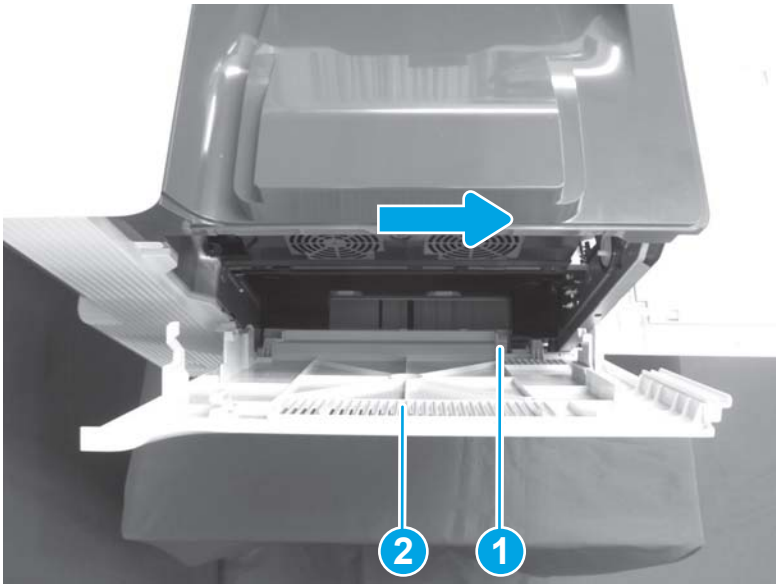


2. Press on the tab (callout 1) while sliding the left door (callout 2) to the right to remove it.

NOTE: Make sure that the front door is not blocking the left door at the lower corner.

Reinstallation tip: Reverse the removal steps to install the assembly.

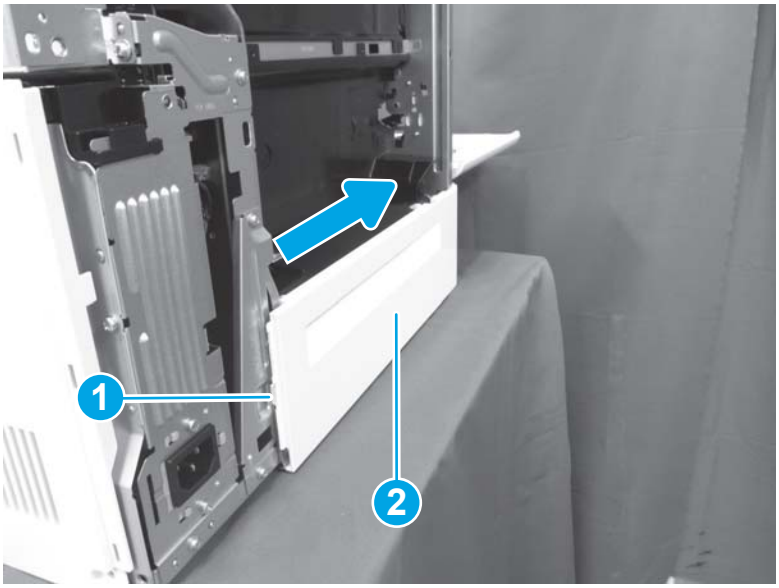
Figure 1-1279 Remove the left door



Step 4: Remove the left handle

1. Release one tab (callout 1), and then gently lift the left side of the handle away from the sheet metal. Slide the left handle (callout 2) toward the front of the printer to remove it.

Figure 1-1280 Remove the left handle



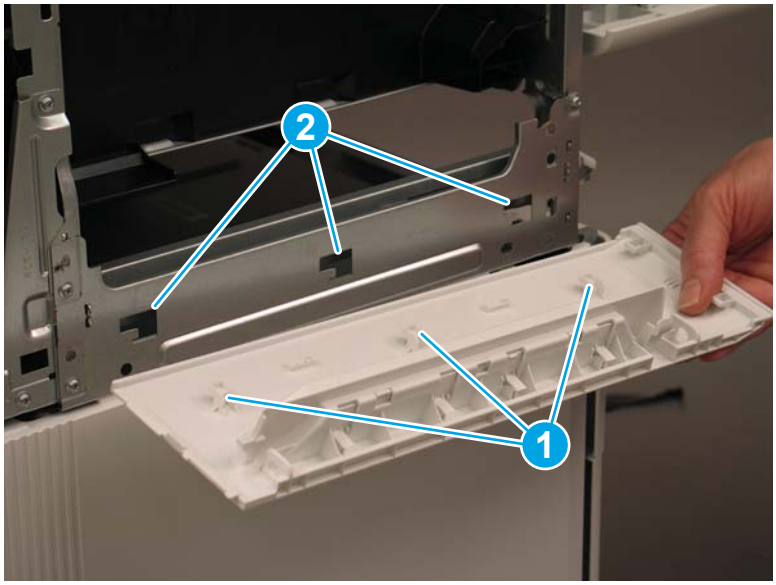
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left handle

▲ When reinstalling the left handle, install the hooks (callout 1) on the handle in the slots (callout 2) in the printer. Align the right-most hook firs to ensure all the hooks are aligned, and then slide the handle to the left to lock it into position.

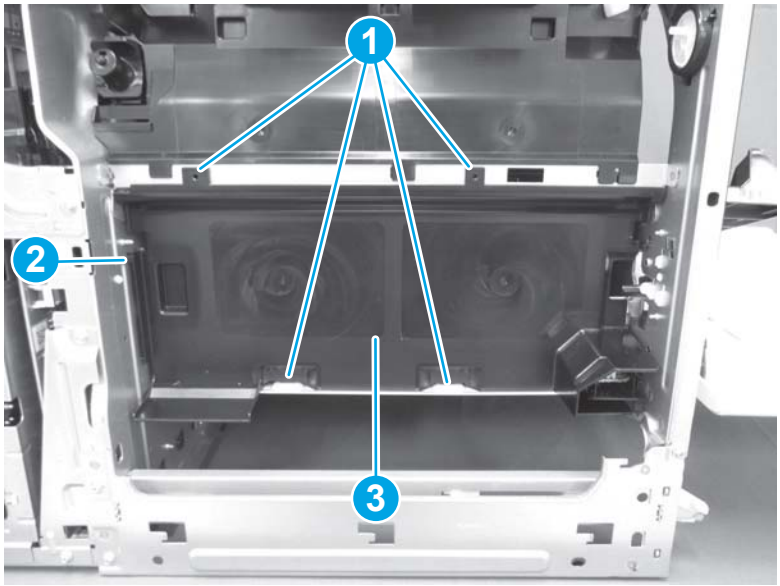
Figure 1-1281 Install the left handle



Step 5: Remove the cartridge fan

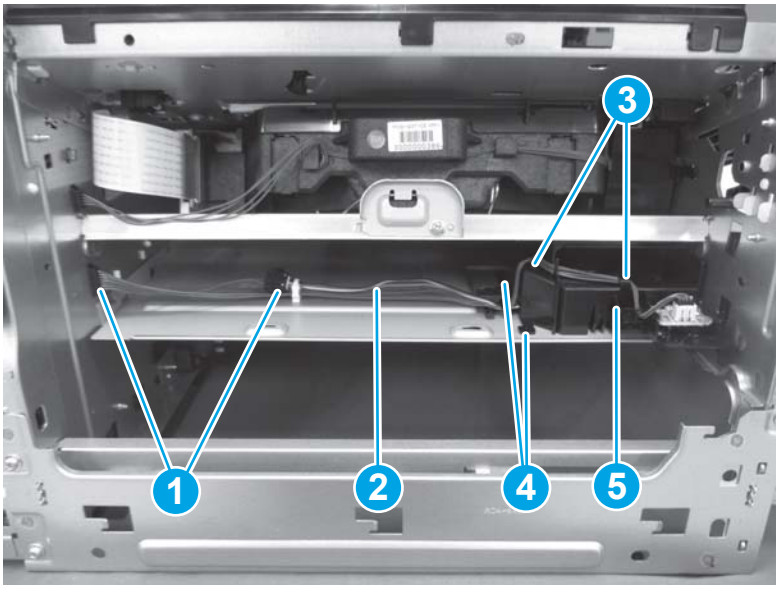
1. Release four tabs (callout 1). Release one boss (callout 2), pivot the left side of the cover away from the printer, and then remove the scanner cover (callout 3).

Figure 1-1282 Remove the scanner cover



2. Disconnect two connectors (callout 1), and then release the cable (callout 2) from the cable guide (callout 3). Release two bosses (callout 4), and then slide the fan holder (callout 5) towards the front of the printer to release tension on the holder. Slide the fan holder towards the left side of the printer to remove it.

Figure 1-1283 Remove the fan holder



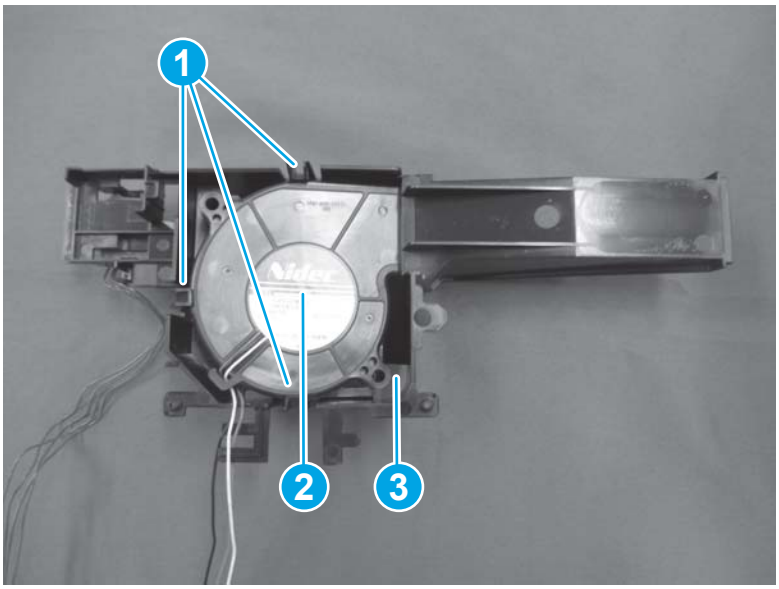
3. Release three tabs (callout 1), and then remove the cartridge fan (callout 2) from the fan holder (callout 3).

TIP: Insert a finge between the fan and the housing and push from the back side to pop the fan out of the housing.

Reinstallation tip: If you are replacing the fan and holder, remove the environmental PCA and install it on the replacement part.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1284 Remove the cartridge fan from the holder



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Front fan

- Introduction
- Step 1: Remove the front door
- Step 2: Remove the front inner covers
- Step 3: Remove the front fan
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the front fan.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Front fan part number	
RK2-6124-000CN	Front fan

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

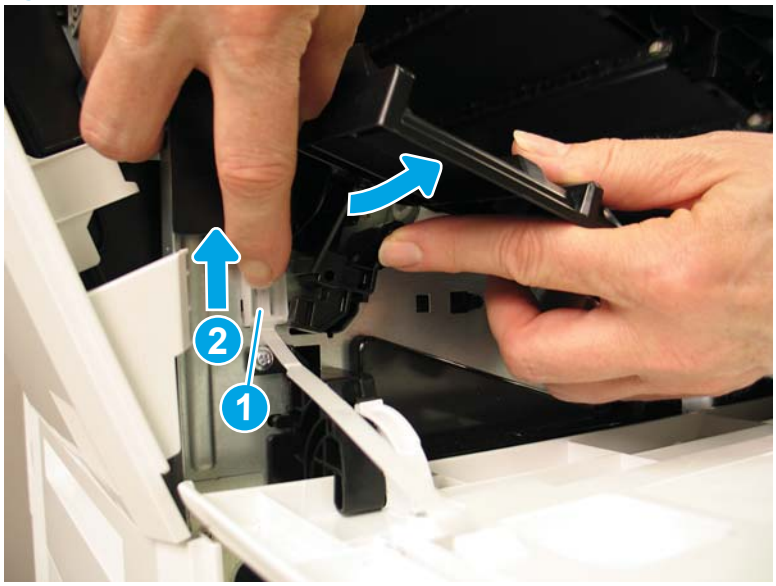
Step 1: Remove the front door

1. Remove Tray 2.
2. Open the following doors:

   Reinstallation tip: The left door must be closed firs in order to close the front door.

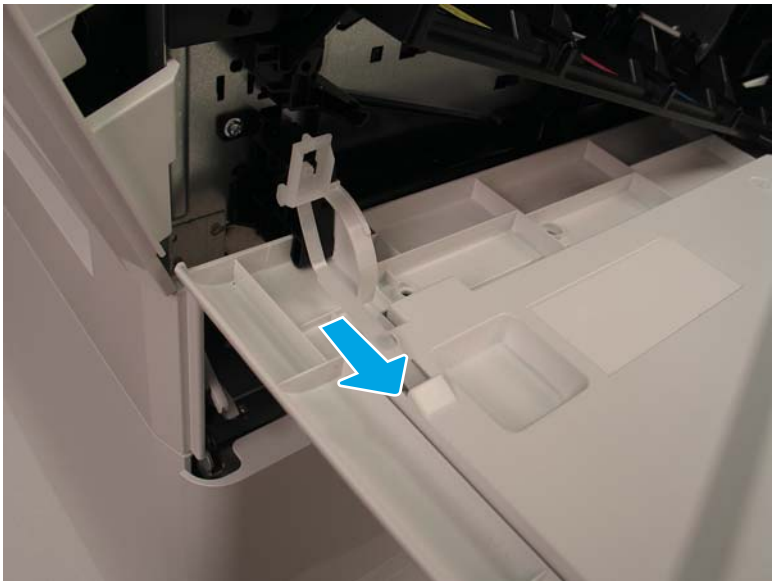
   - Front door
   - Left door
3. Hold the black shutter to one side, release one tab (callout 1), and then slide the link arm (callout 2) up to release it from the sheet metal.

   Figure 1-1285 Release the link arm



4. Slide the released link arm into the door.

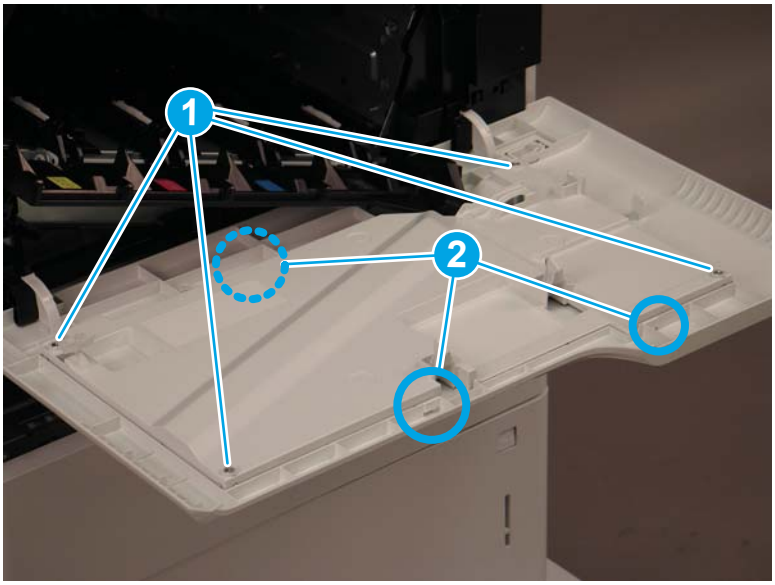
Figure 1-1286 Slide the released link arm into the door



5. Remove four screws (callout 1), release three tabs (callout 2), and then remove the inner cover.

⚠ CAUTION: Use care when removing the inner cover. The black cartridge door is spring-loaded and may close abruptly when released from the inner cover.

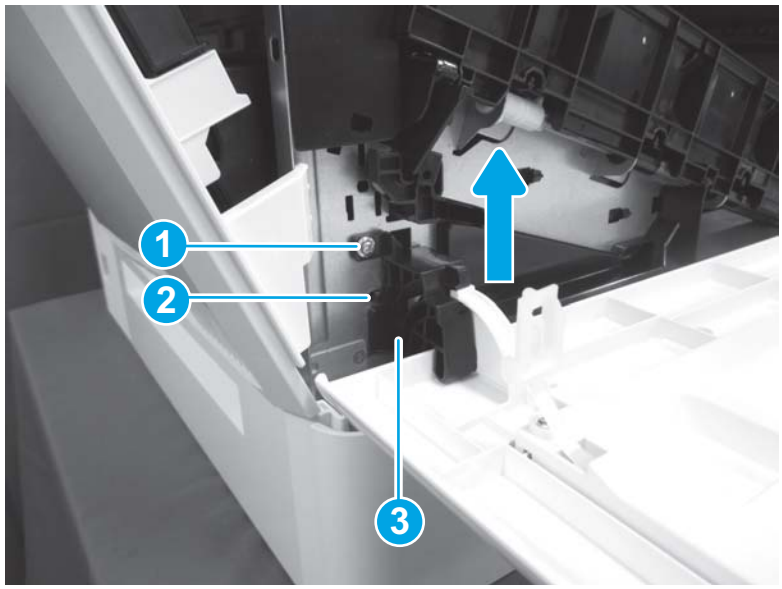
Figure 1-1287 Remove the inner cover



6. Remove one screw (callout 1), and then release one boss (callout 2). Slide the hinge (callout 3) up to release it.

TIP: Use a flat-blad screwdriver to release the boss, and then lift upwards on the corner of the door.

Figure 1-1288 Release the hinge

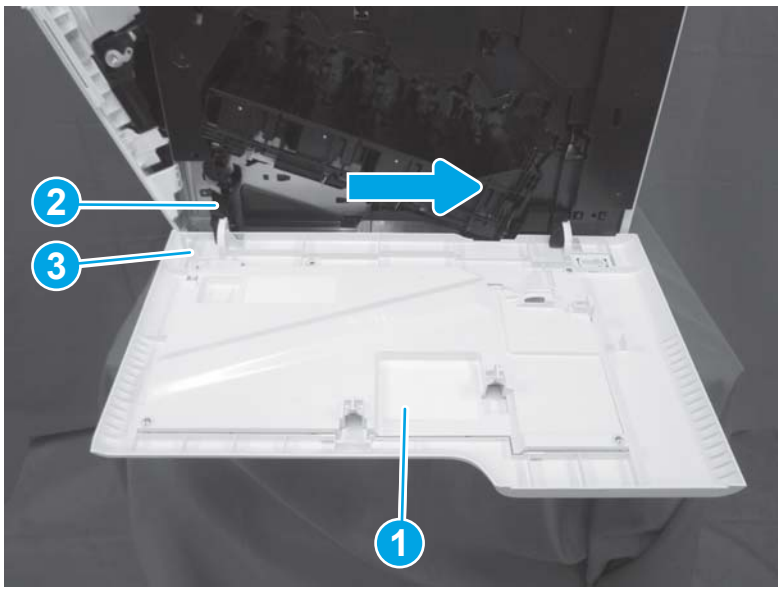


7. Slide the front door (callout 1) to the right to remove it.

NOTE: Remove the hinge (callout 2) and the link arm (callout 3) from the front door and install them on the replacement front door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1289 Remove the front door



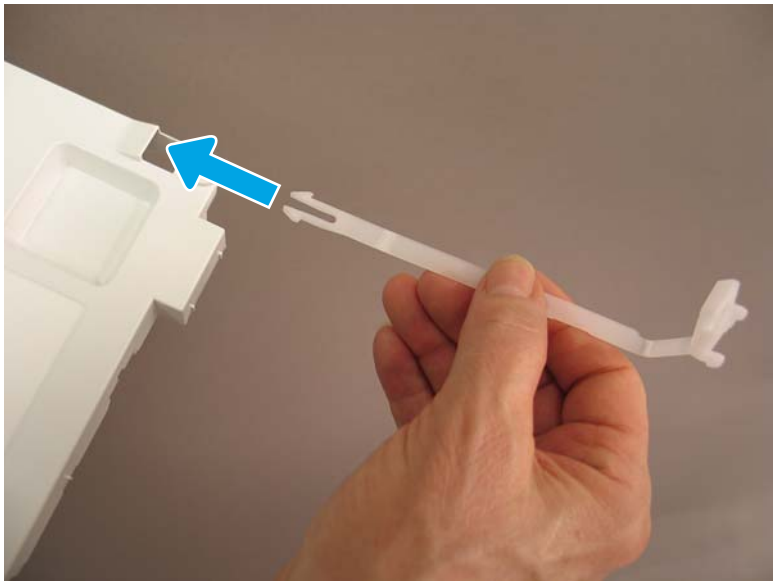
8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Front door

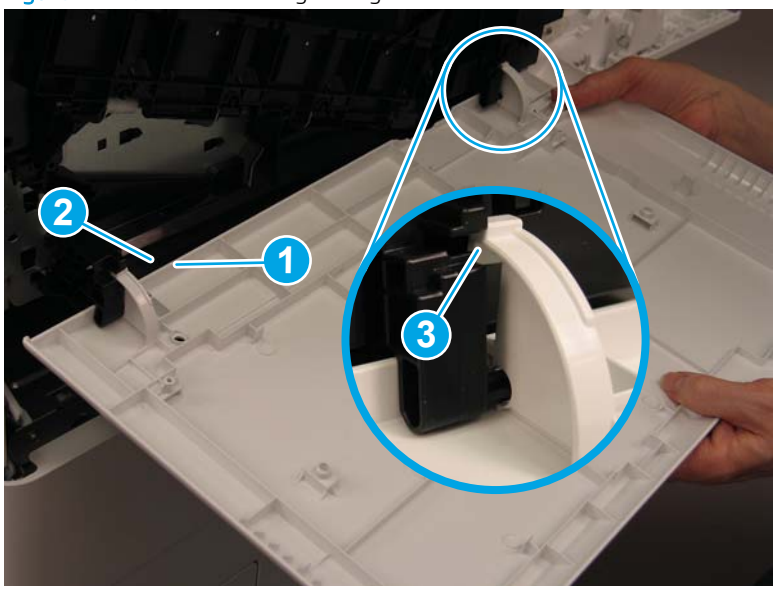
a. If the link arm becomes dislodged from the inner cover, reinstall it as shown in the figur below.

Figure 1-1290 Reinstall the link arm



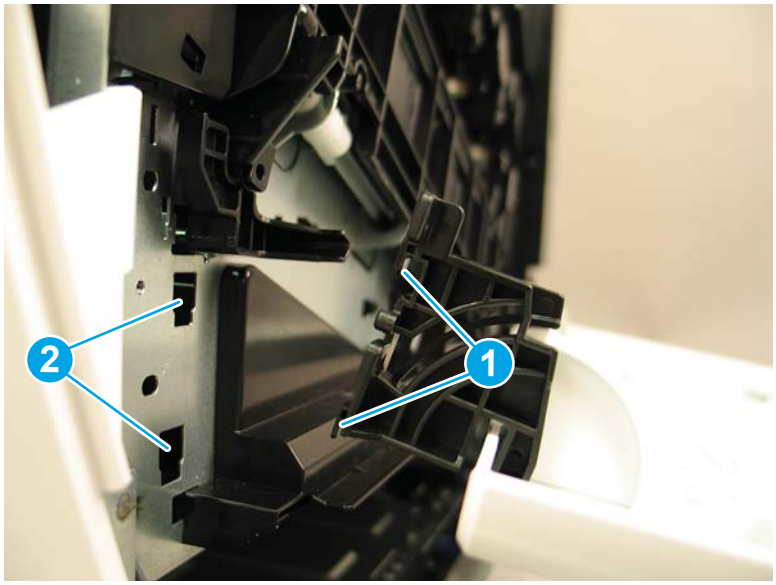
b. Install the right side of the door first Position the edge of the door (callout 1) over the black lip (callout 2), and then slide the right hinge into the black arm (callout 3).

Figure 1-1291 Install the right hinge



c. When reinstalling the left hinge, install the tabs (callout 1) on the hinge in the slots (callout 2) in the printer. Press down to lock the hinge in place.

Figure 1-1292 Install the left hinge

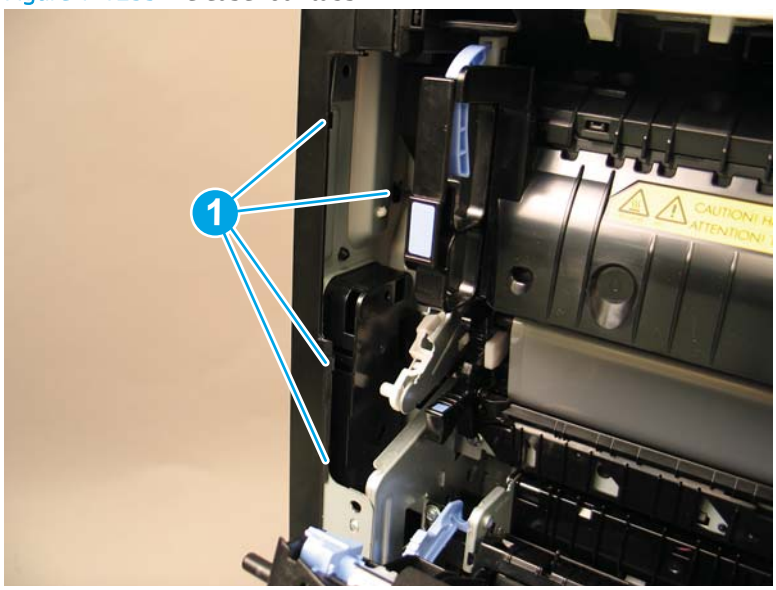


Step 2: Remove the front inner covers

1. Open the following doors:
   - Right door
   - Left door
2. Release four tabs (callout 1).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

Figure 1-1293 Release four tabs

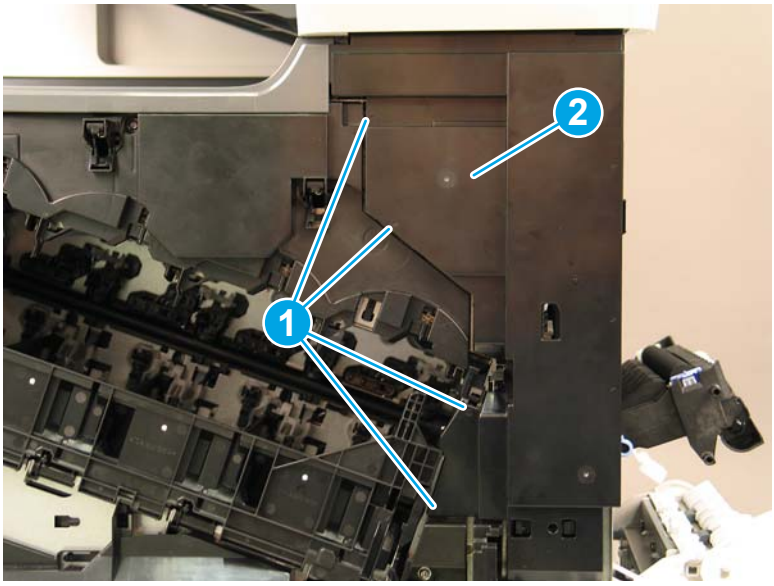


3. Release four bosses (callout 1), and then remove the front right inner cover (callout 2).

TIP: Small, embossed arrows on the front of the cover indicate where the release tabs may be found.

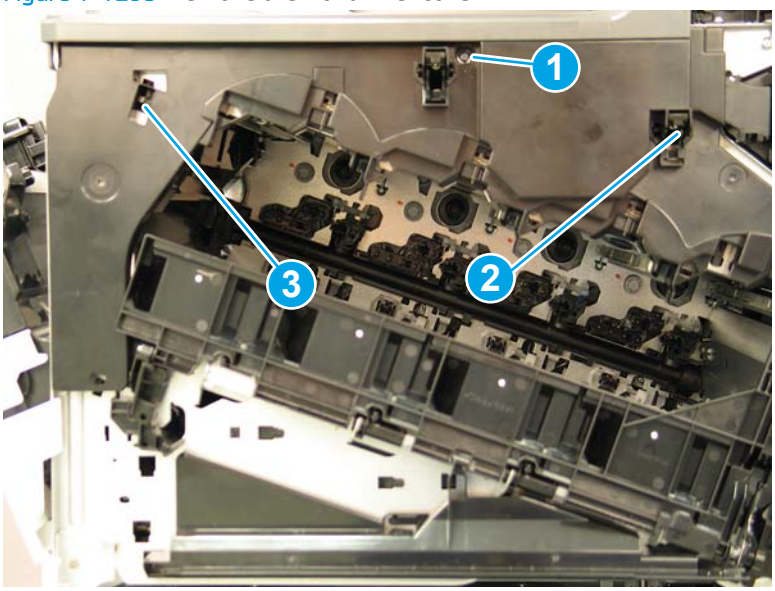
TIP: Push on the back side of the cover for easy release.

Figure 1-1294 Remove the front right inner cover



4. Remove one screw (callout 1). Carefully pull the right side of the cover down and away from the printer to release one boss (callout 2). Continue to pull the cover away from the sheet metal to release the second boss (callout 3), and then remove the cover.

Figure 1-1295 Remove the front inner cover



5. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

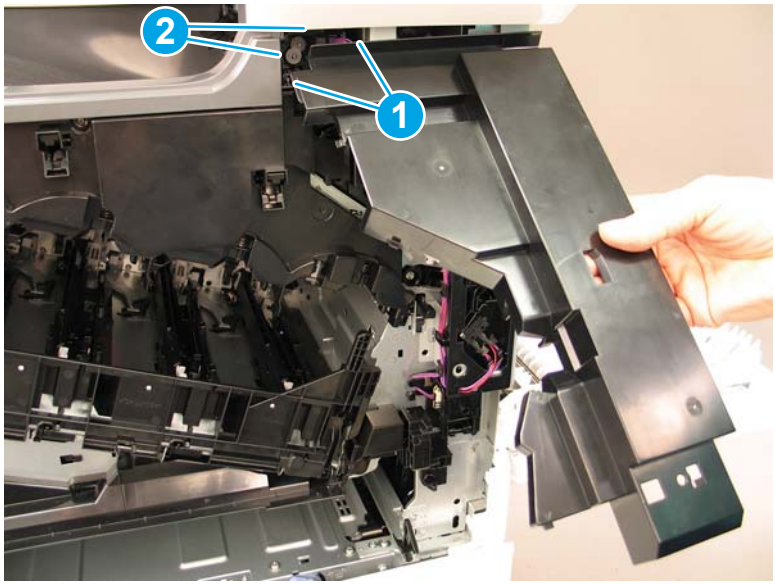
NOTE: Continue to reverse the removal steps to finis installing the assembly.

Reinstallation tip: Reverse the removal steps to install the assembly.

Special installation instructions: Front inner covers

▲ When reinstalling the front right inner cover, position the upper left edges of the cover (callout 1) under the edges of the printer covers (callout 2).

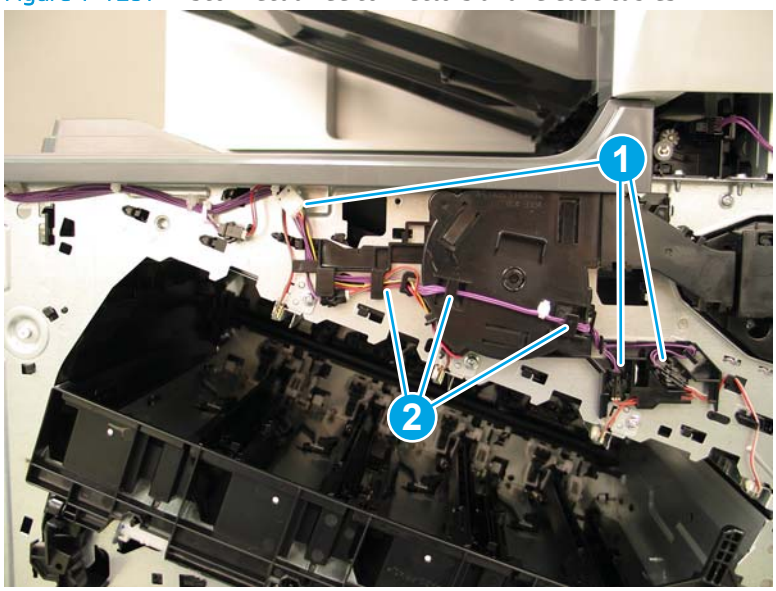
Figure 1-1296 Install the front right inner cover



Step 3: Remove the front fan

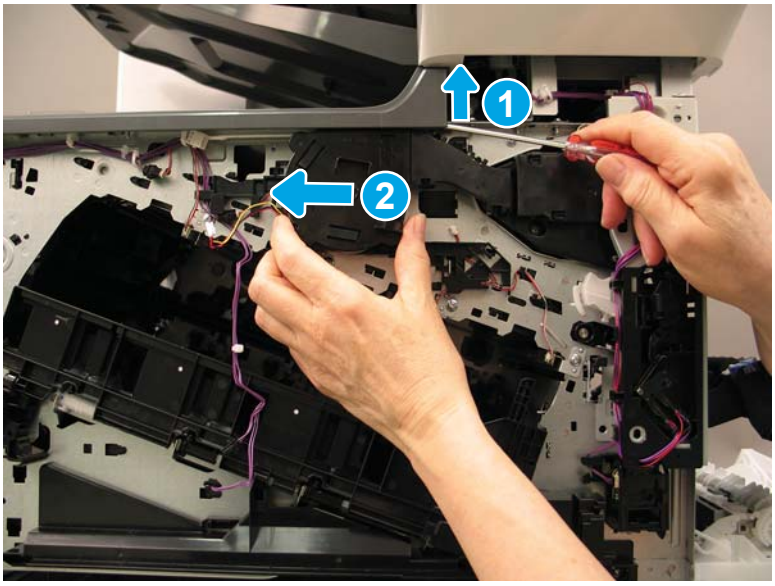
1. Disconnect three connectors (callout 1), and then release the cable from the cable guides (callout 2).

Figure 1-1297 Disconnect three connectors and release cables



2. Insert a small, flat-blad screwdriver between the fan holder and the sheet metal (callout 1) to release the fan holder. Slide the fan holder to the left (callout 2) to remove it.

Figure 1-1298 Remove the fan holder

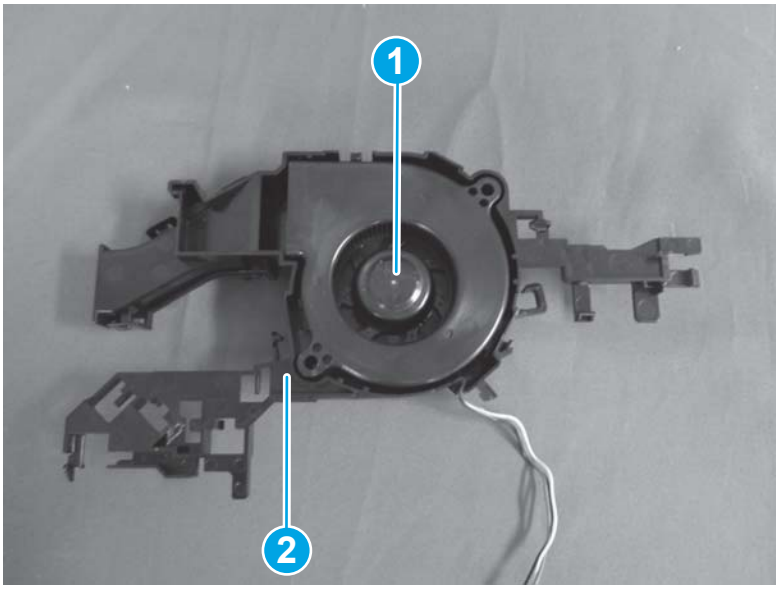


3. Remove the front fan (callout 1) from the fan holder (callout 2).

Reinstallation tip: Make sure that the cables are routed correctly to avoid pinching. Refer to the figur in Step 5 for correct cable routing.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1299 Remove the front fan



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Power supply fan

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the low-voltage power supply (LVPS) and fan
- Step 5: Remove the power supply fan
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the power supply fan.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Power supply fan part number	
RK2-7953-000CN	Power supply fan

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

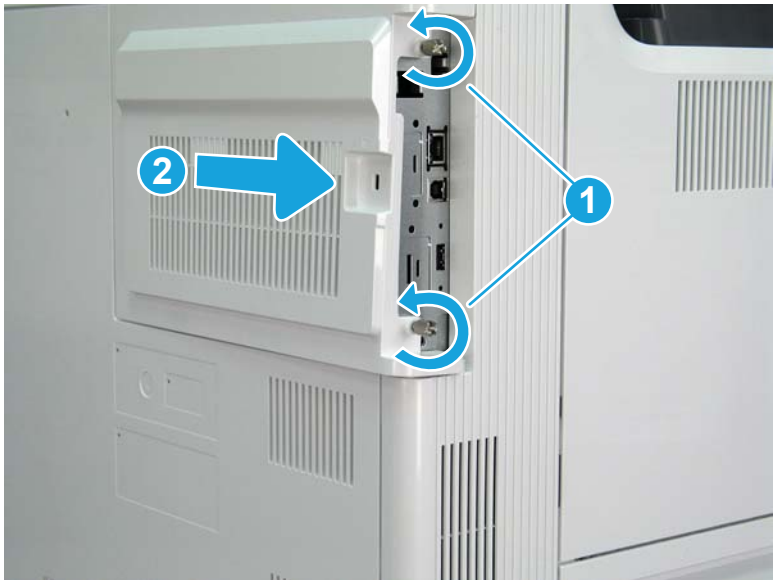
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

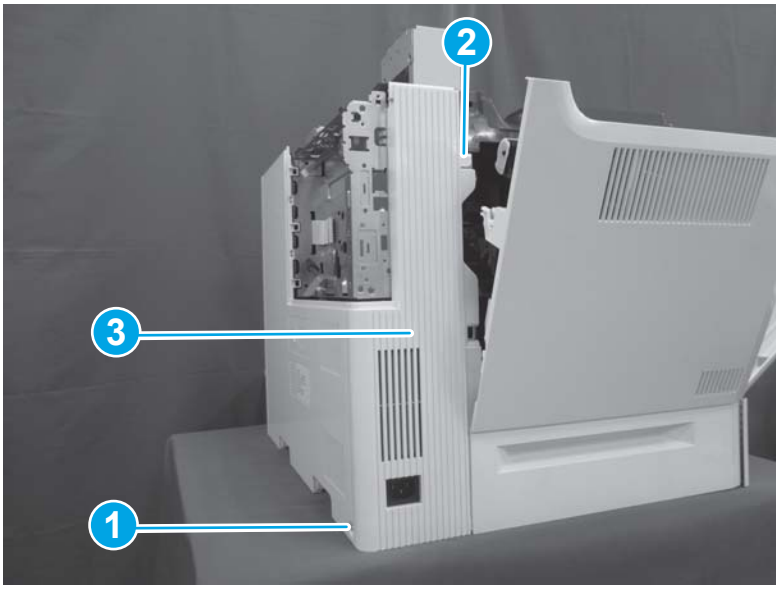
Figure 1-1300 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1301 Remove the left rear cover



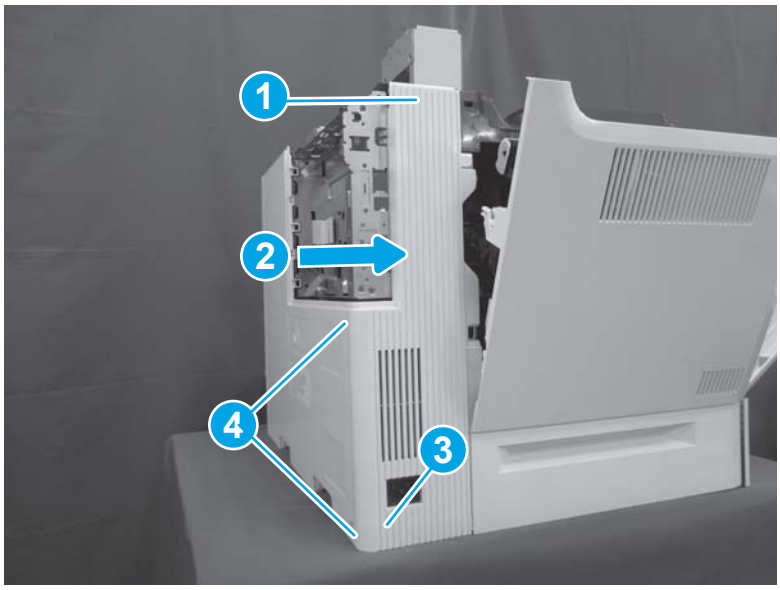
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1302 Install the left rear cover

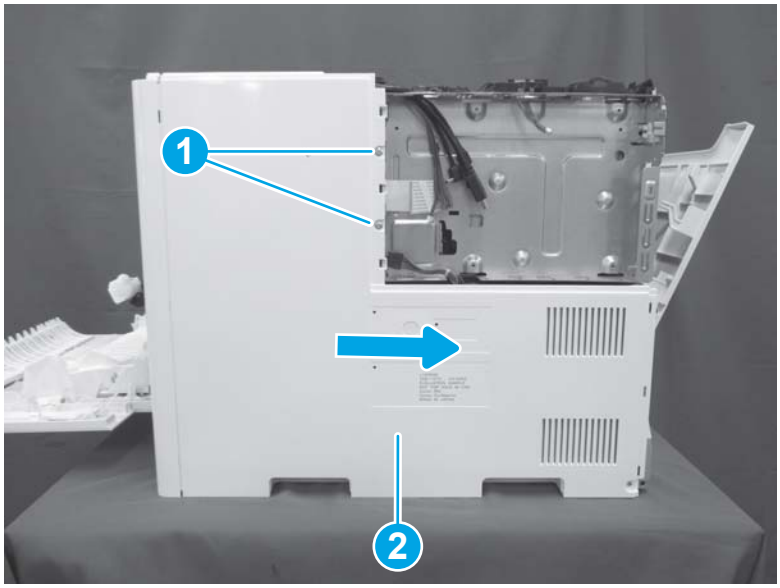


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

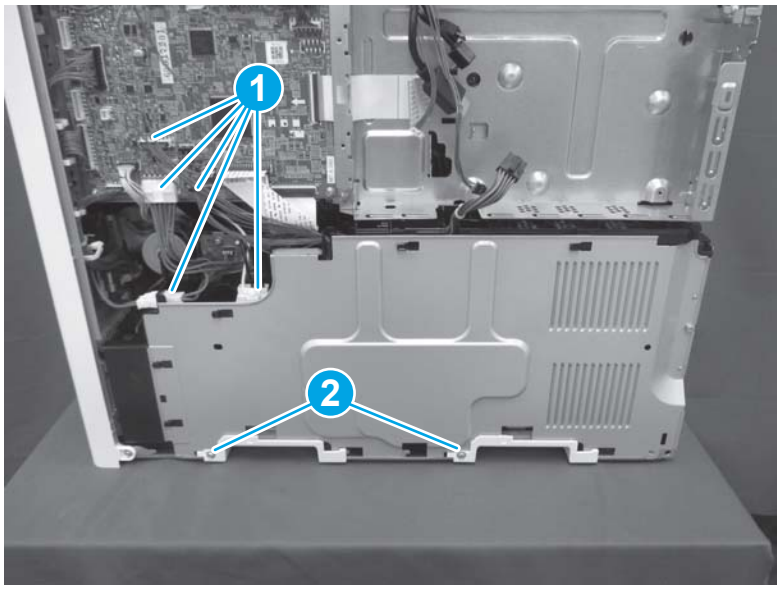
Figure 1-1303 Remove two screws and the rear cover



Step 4: Remove the low-voltage power supply (LVPS) and fan

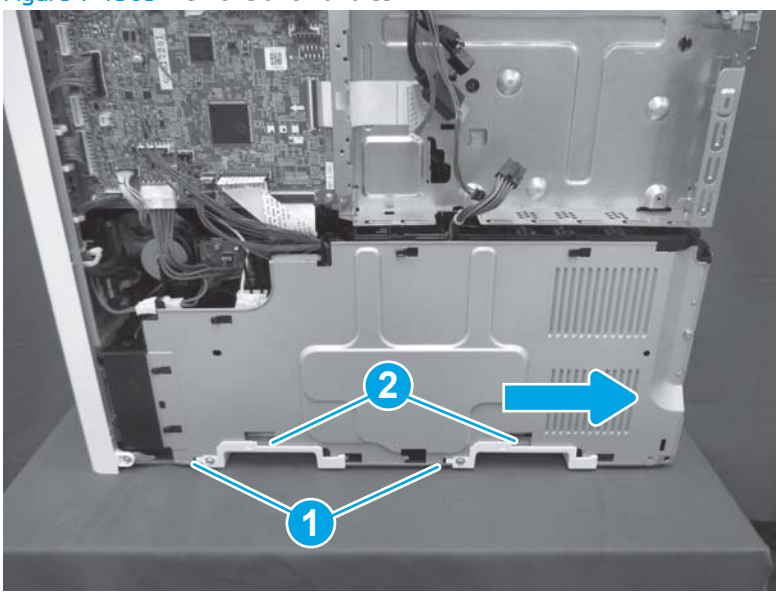
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-1304 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

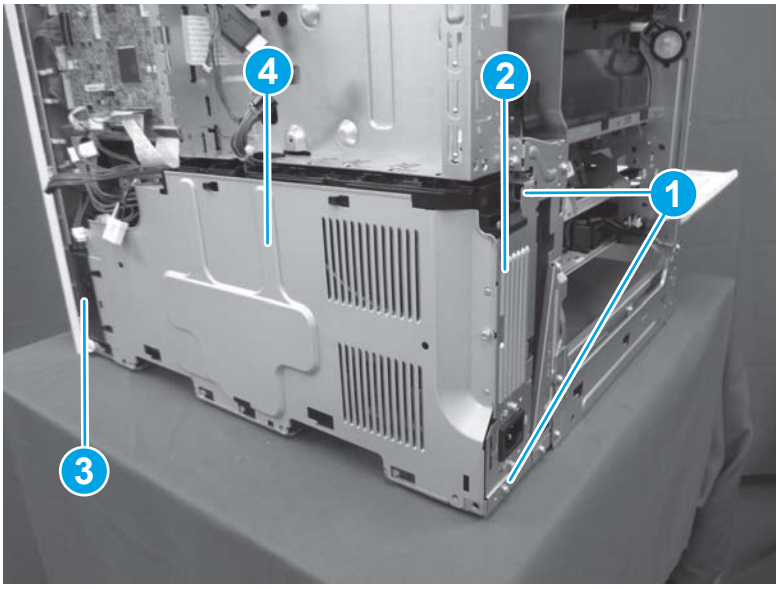
Figure 1-1305 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

Figure 1-1306 Remove the low-voltage power supply

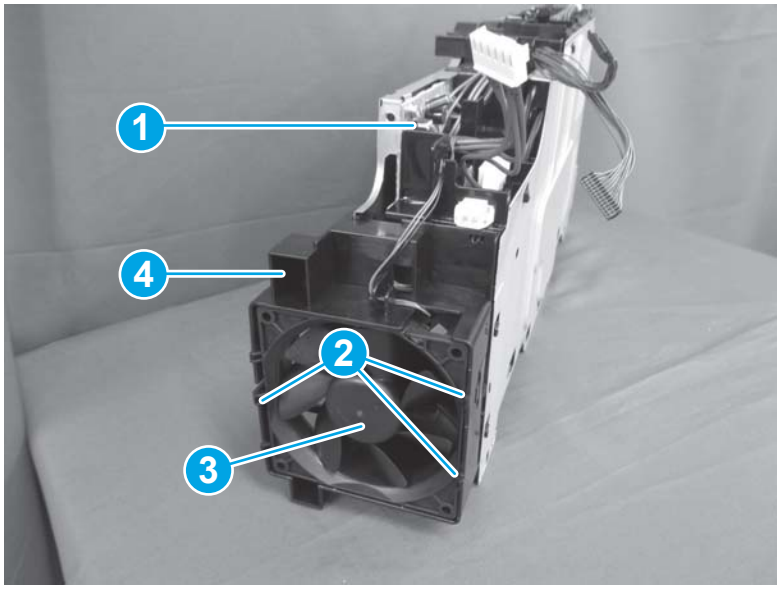


Step 5: Remove the power supply fan

▲ Disconnect one connector (callout 1), release three tabs (callout 2), and then remove the power supply fan (callout 3) from the fan holder (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1307 Remove the power supply fan



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: DC controller PCA

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the DC controller PCA
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the DC controller PCA.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

DC controller PCA part number	
RM3-7030-000CN	DC controller PCA (M652/M653/E65050/E65060/E65150/E65160)
RM3-7031-000CN	DC controller PCA (M681/M682/E67550/E67560/E67650/E67660)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

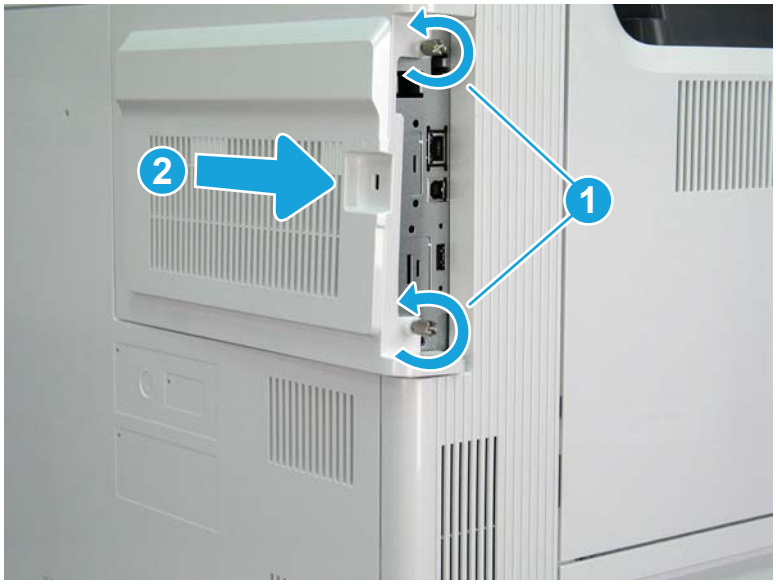
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

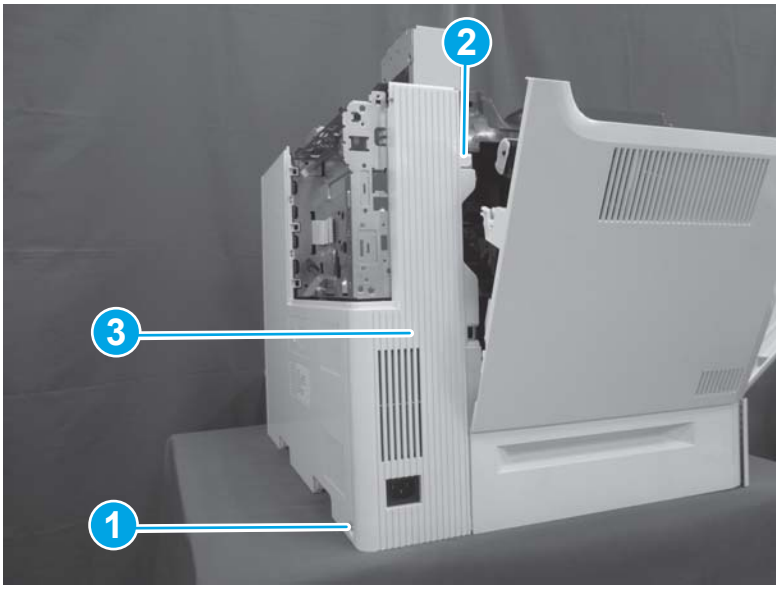
Figure 1-1308 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1309 Remove the left rear cover



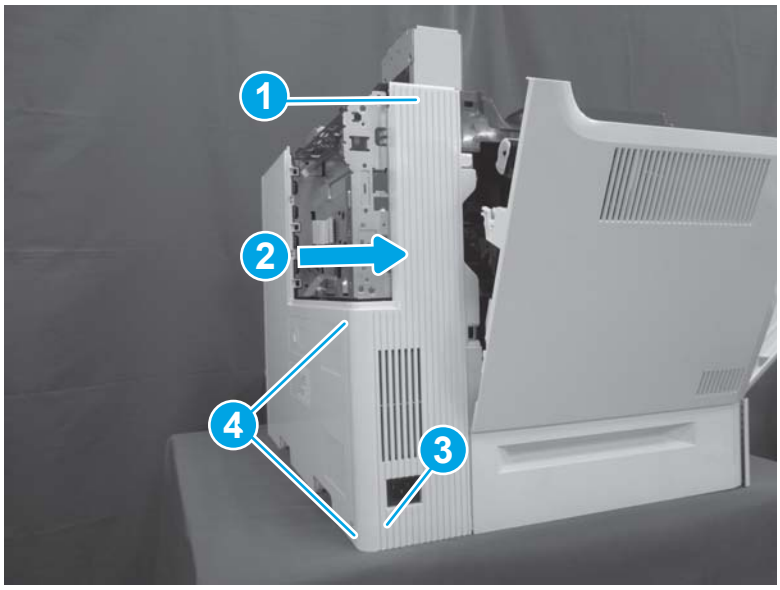
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1310 Install the left rear cover

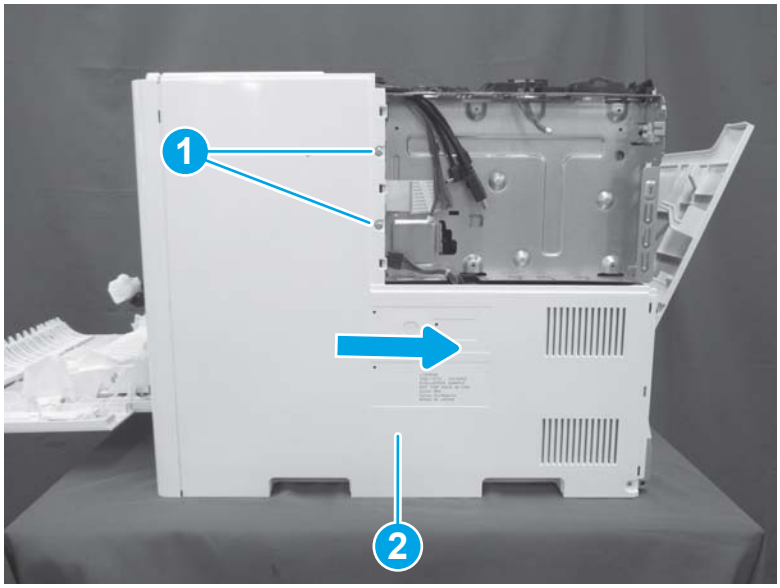


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

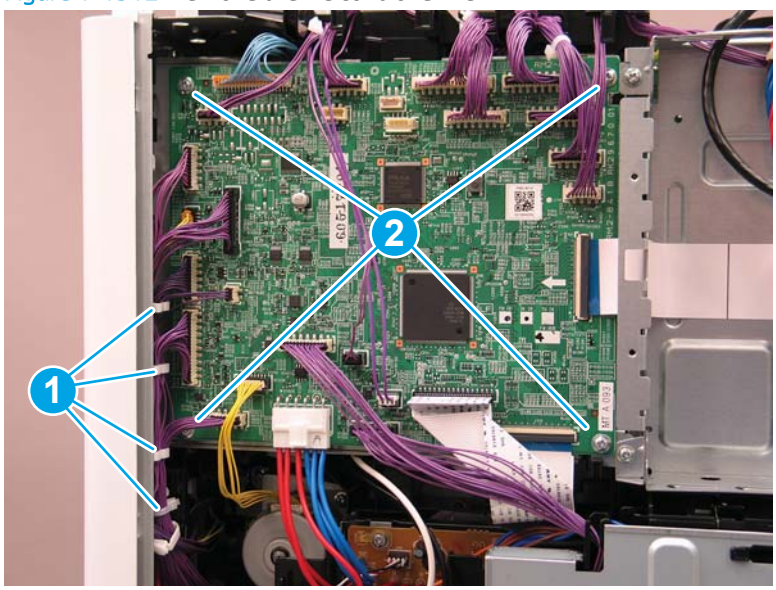
Figure 1-1311 Remove two screws and the rear cover



Step 4: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1312 Remove the DC controller PCA



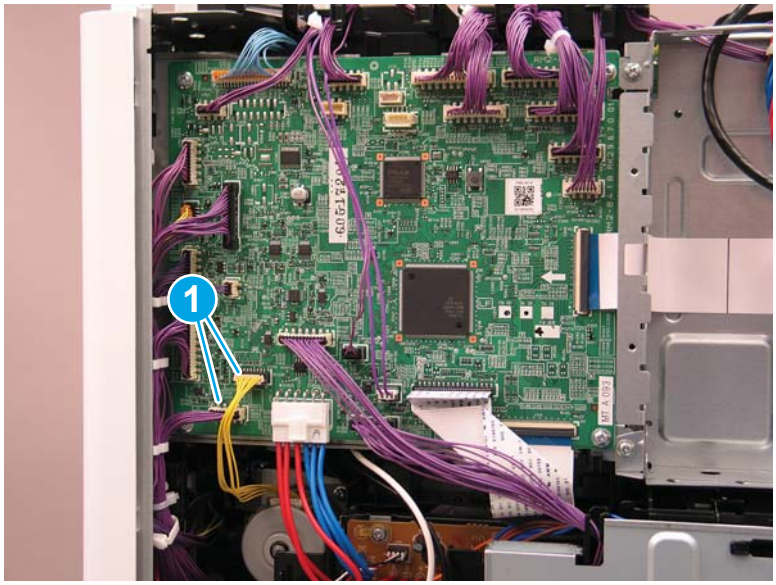
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

▲ Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1313 Check the yellow cable



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Low-voltage power supply (LVPS)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the low-voltage power supply (LVPS) and fan
- Step 5: Remove the low-voltage power supply (LVPS)
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the low-voltage power supply (LVPS).

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Low-voltage power supply part number	
RM2-8421-000CN	Low-voltage power supply (110V-127V)
RM2-8422-000CN	Low-voltage power supply (220V-240V)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

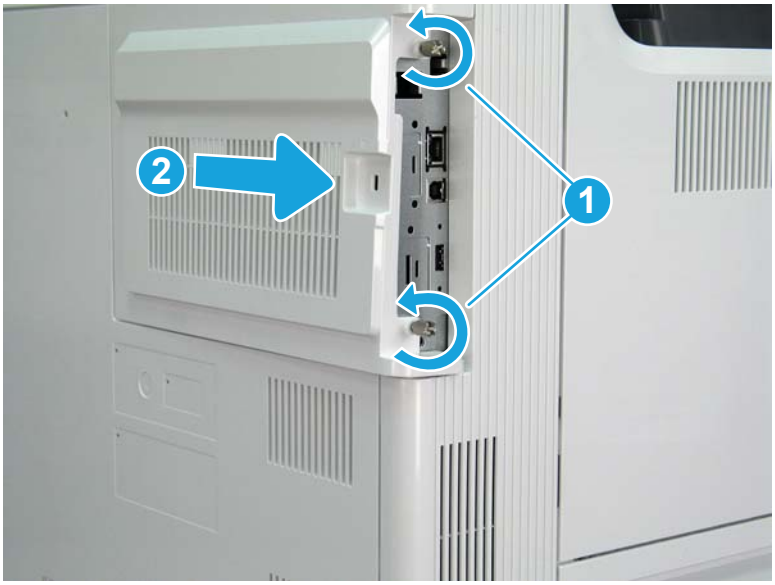
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

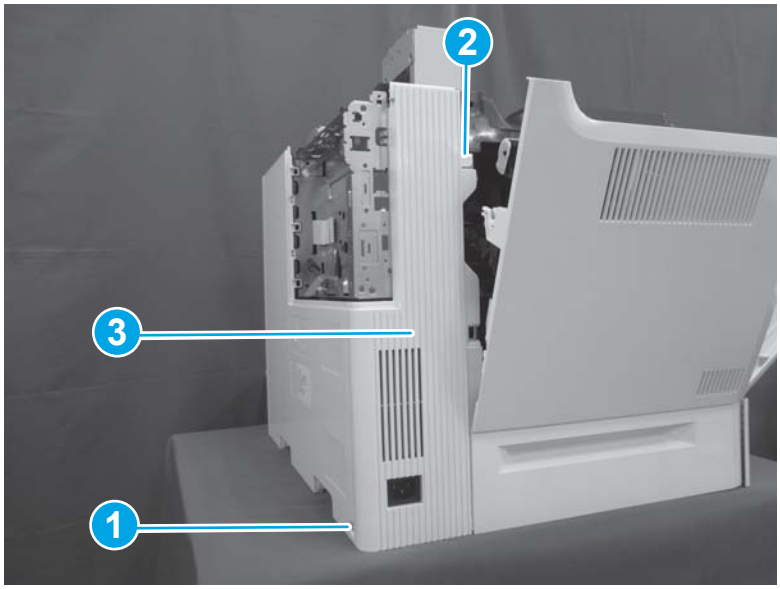
Figure 1-1314 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1315 Remove the left rear cover



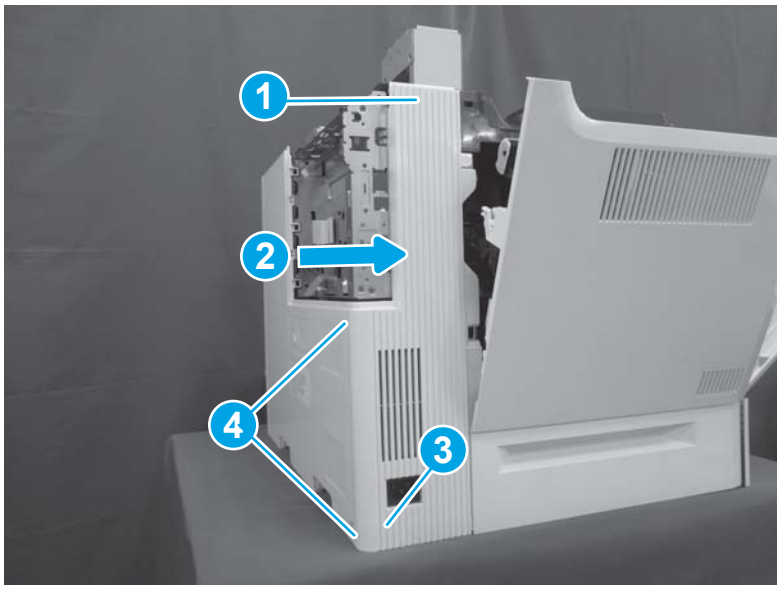
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1316 Install the left rear cover

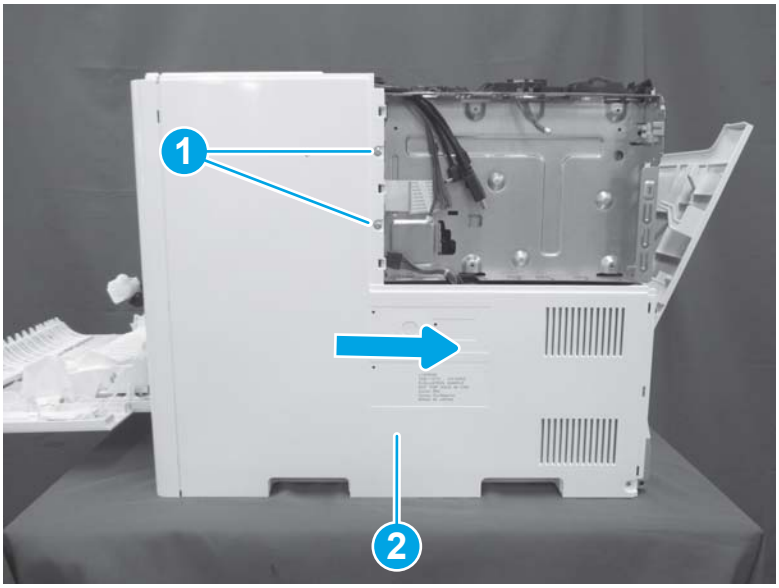


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

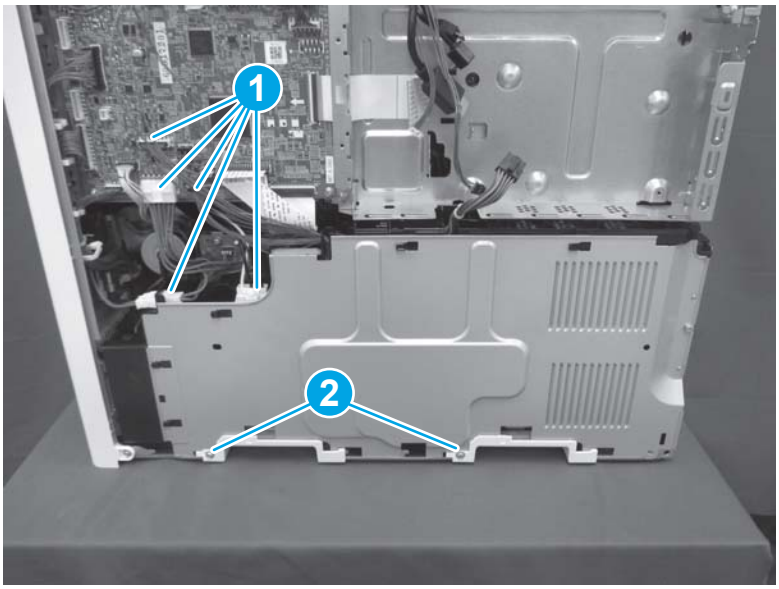
Figure 1-1317 Remove two screws and the rear cover



Step 4: Remove the low-voltage power supply (LVPS) and fan

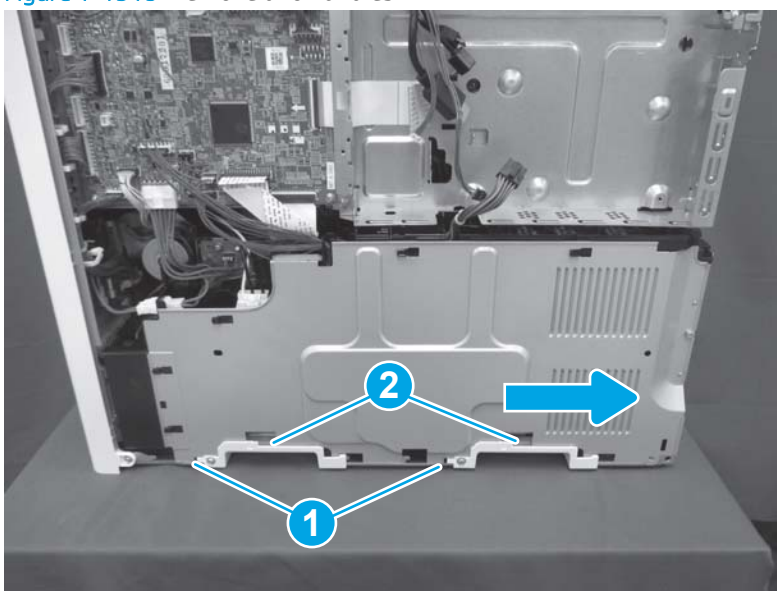
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-1318 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

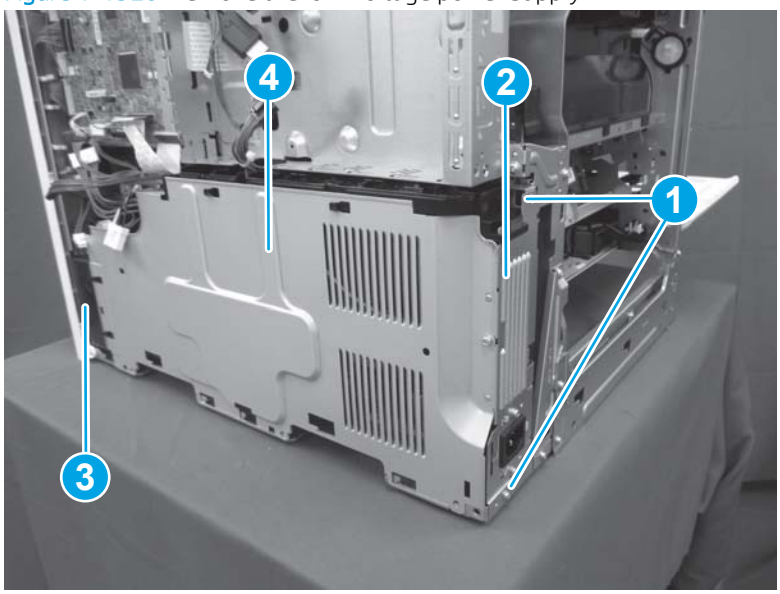
Figure 1-1319 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

Figure 1-1320 Remove the low-voltage power supply

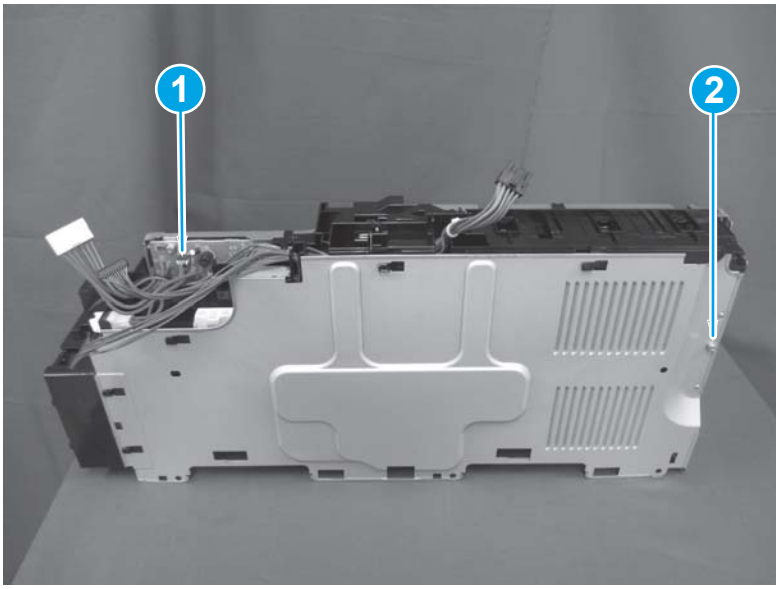


Step 5: Remove the low-voltage power supply (LVPS)

1. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Reinstallation tip: One of the screws (callout 2) is a grounding screw with a washer attached. Make sure that this screw and washer are installed in the correct position.

Figure 1-1321 Disconnect one connector and remove one screw

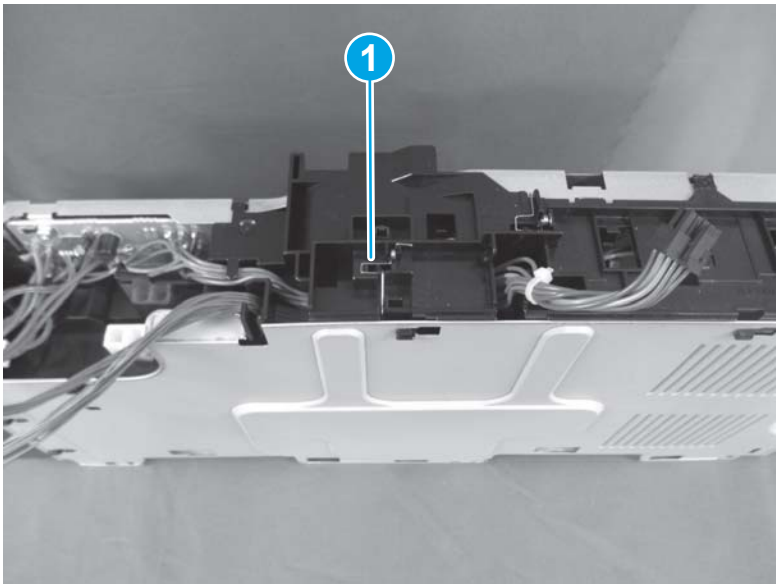


2. Unhook one spring on the top of the LVPS (callout 1).

IMPORTANT: Do not lose this spring. It is not included with the replacement part.

Reinstallation tip: Make sure that this spring is fully installed on the replacement LVPS.

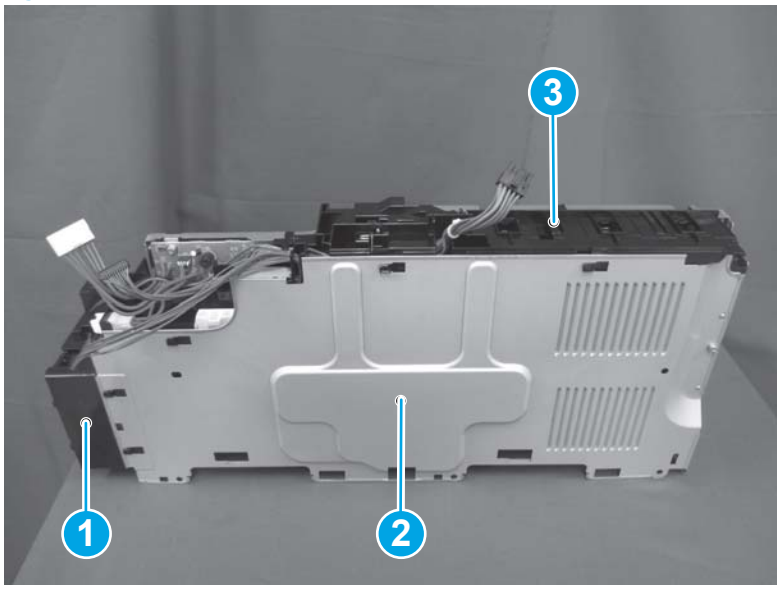
Figure 1-1322 Unhook one spring



3. Remove the power supply fan holder (callout 1). Lift on the right side of the LVPS cover (callout 2), and then slide the cover to the left to remove it from the LVPS (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1323 Remove the power supply fan holder and LVPS cover



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lower high-voltage power supply (HVPS)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the low-voltage power supply (LVPS) and fan
- Step 5: Remove the lower high-voltage power supply
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lower high-voltage power supply (HVPS).

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lower high-voltage power supply part number	
RM3-7006-000CN	high-voltage power supply, HVPS (D)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

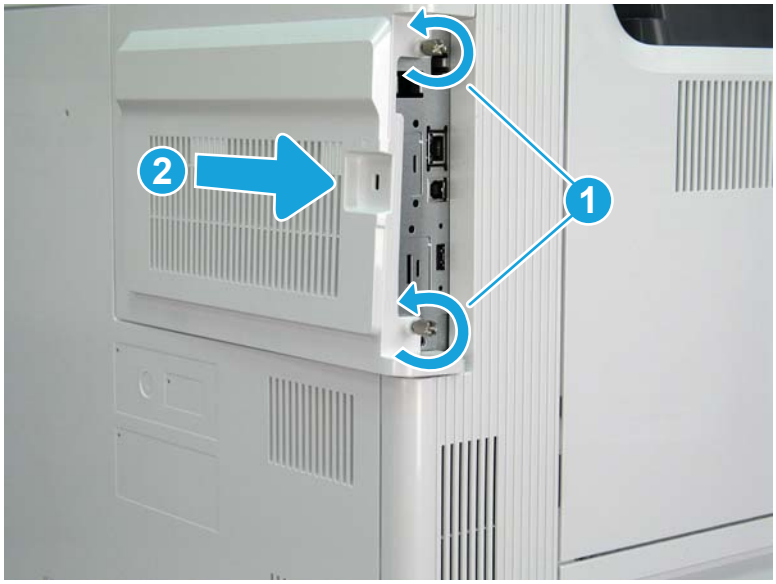
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

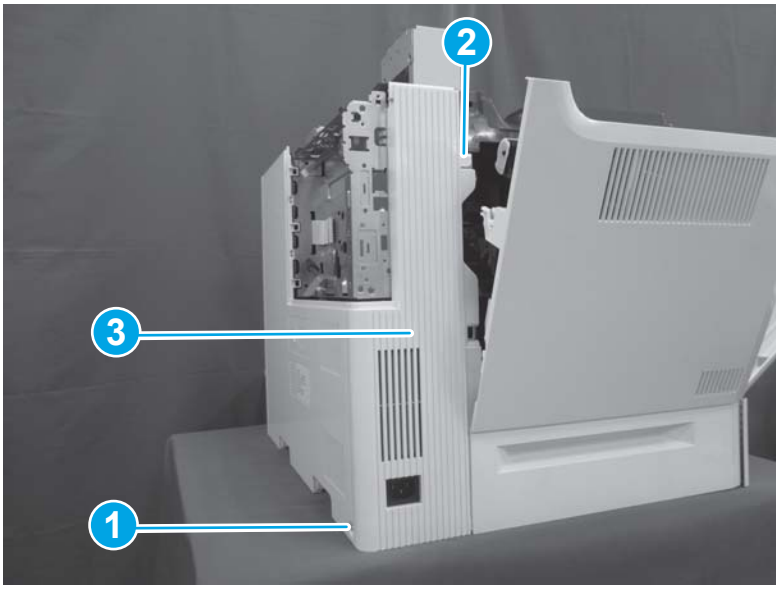
Figure 1-1324 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1325 Remove the left rear cover



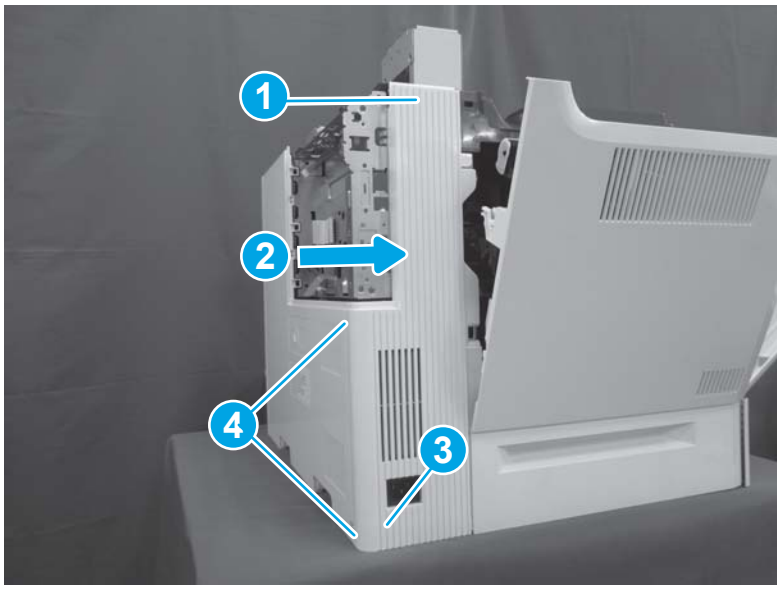
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1326 Install the left rear cover

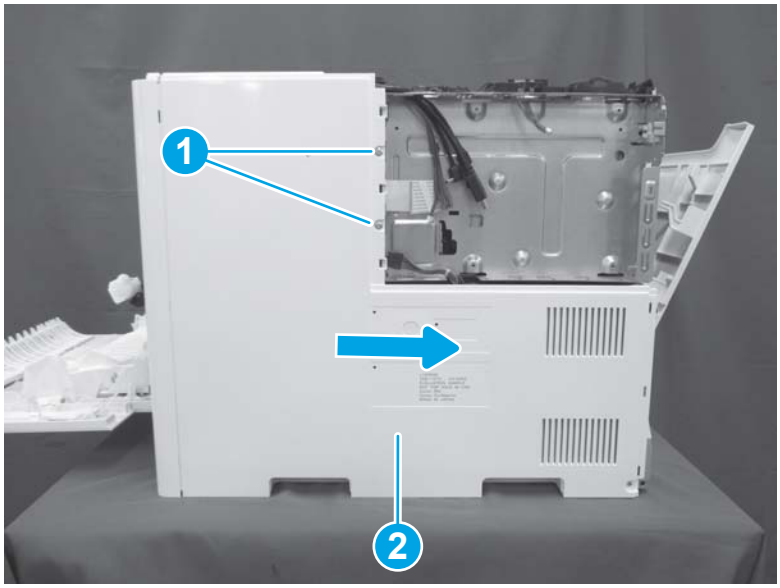


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

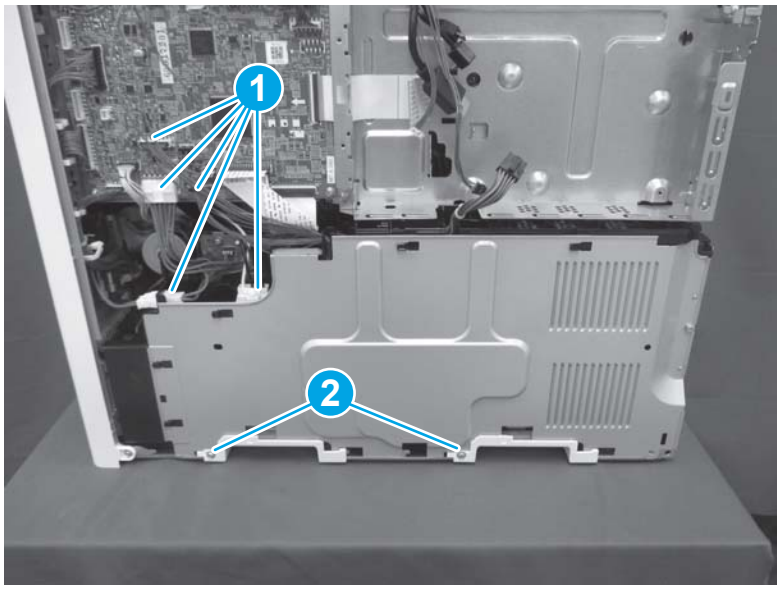
Figure 1-1327 Remove two screws and the rear cover



Step 4: Remove the low-voltage power supply (LVPS) and fan

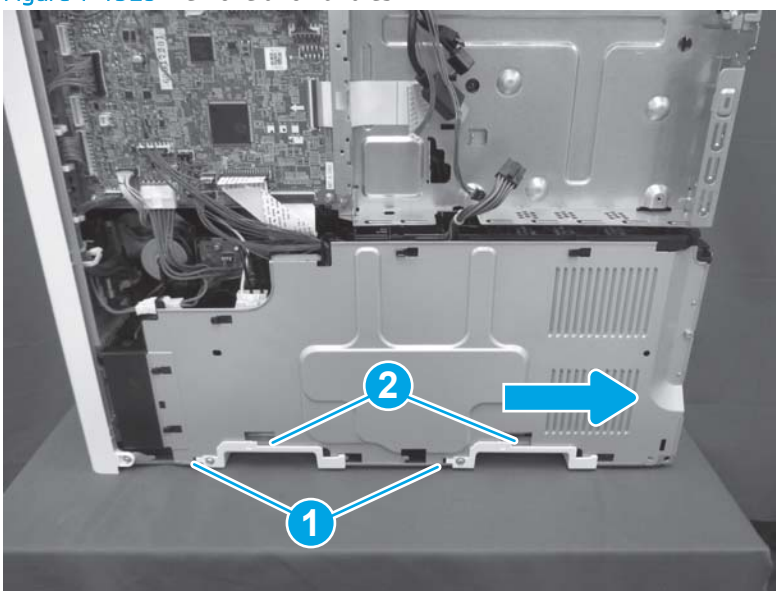
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-1328 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

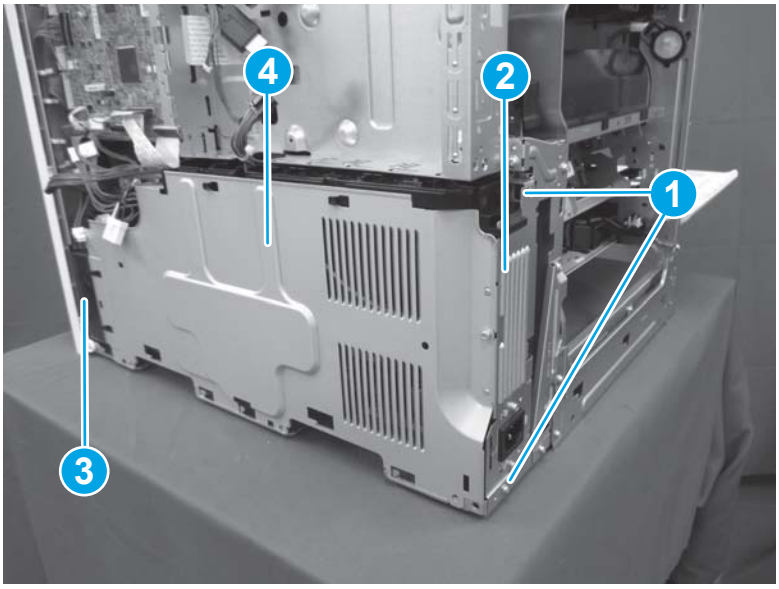
Figure 1-1329 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

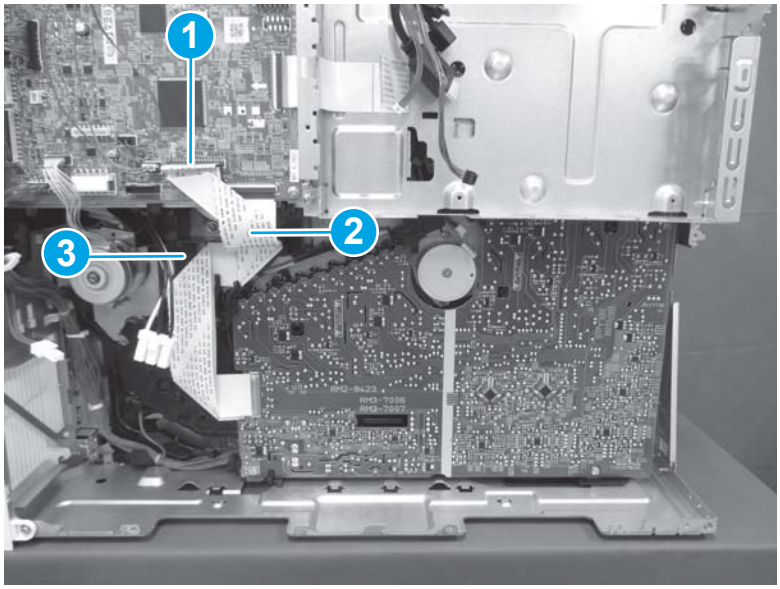
Figure 1-1330 Remove the low-voltage power supply



Step 5: Remove the lower high-voltage power supply

1. Disconnect one connector (callout 1), and then remove the fla cable (callout 2) from the cable guide (callout 3).

Figure 1-1331 Disconnect one connector

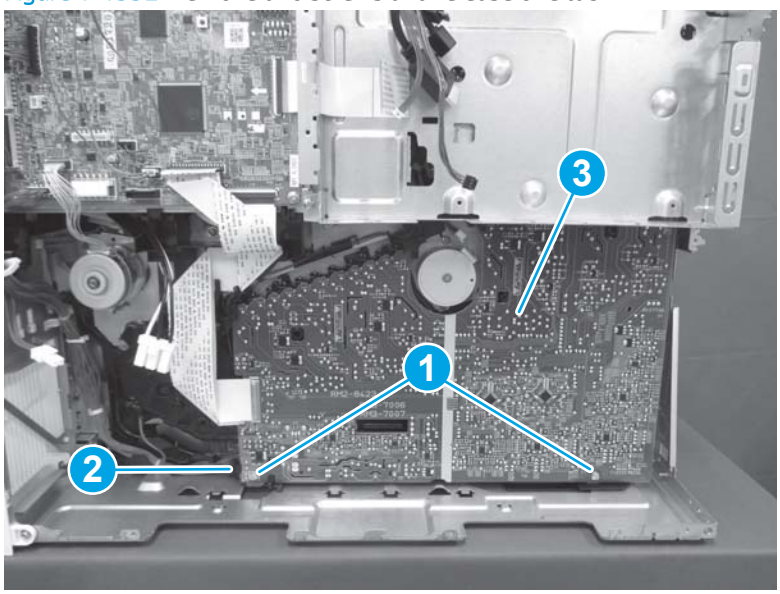


2. Remove two screws (callout 1), release one tab (callout 2), and then remove the lower HVPS (callout 3).

NOTE: These screws have washers attached. Make sure that they are reinstalled in the lower HVPS board.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1332 Remove two screws and release one tab



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Upper high-voltage power supply (HVPS)

- Introduction
- Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 13: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 14: Remove the output bin
- Step 15: Remove the formatter cover
- Step 16: Remove the left rear cover
- Step 17: Remove the rear cover
- Step 18: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 20: Remove the formatter
- Step 21: Remove the formatter case
- Step 22: Remove the DC controller PCA
- Step 23: Remove the DC controller stay
- Step 24: Remove the upper high-voltage power supply (HVPS)
- Step 25: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the upper high-voltage power supply (HVPS).

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Upper high-voltage power supply (HVPS) part number	
RM2-8424-000CN	high-voltage power supply, HVPS (T)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

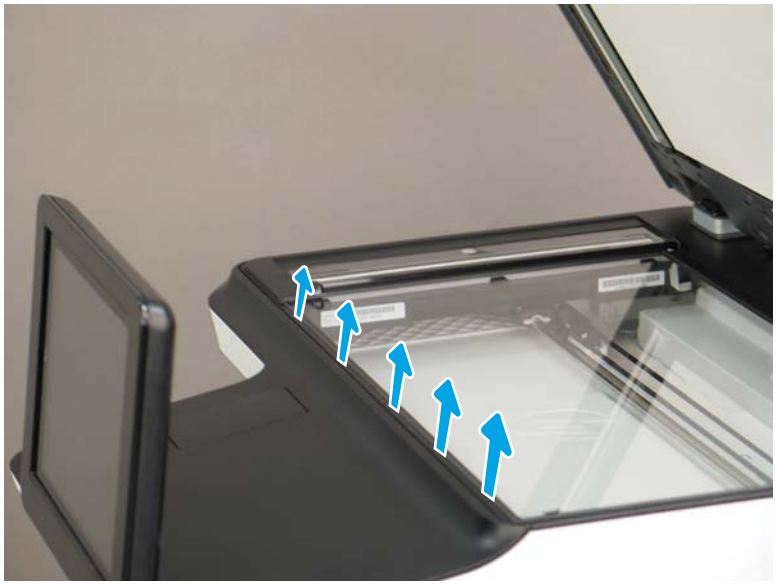
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1333 Tilt the control panel and open the document feeder



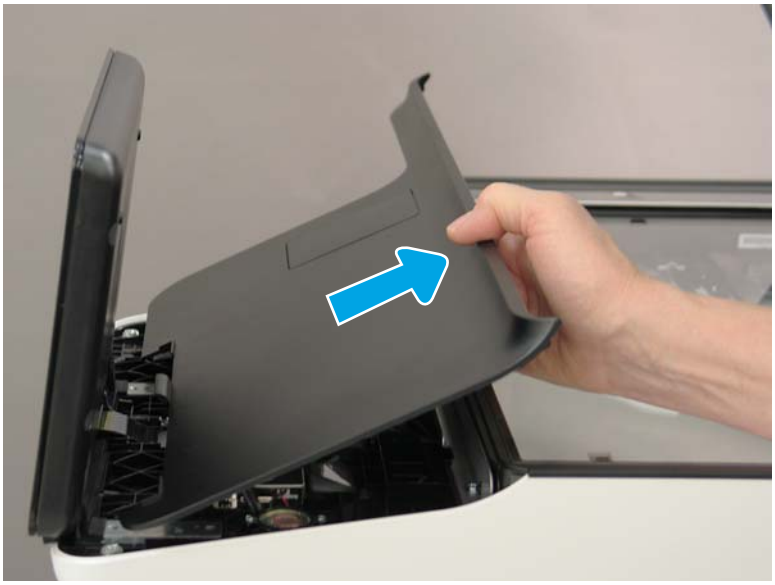
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1334 Release fiv tabs



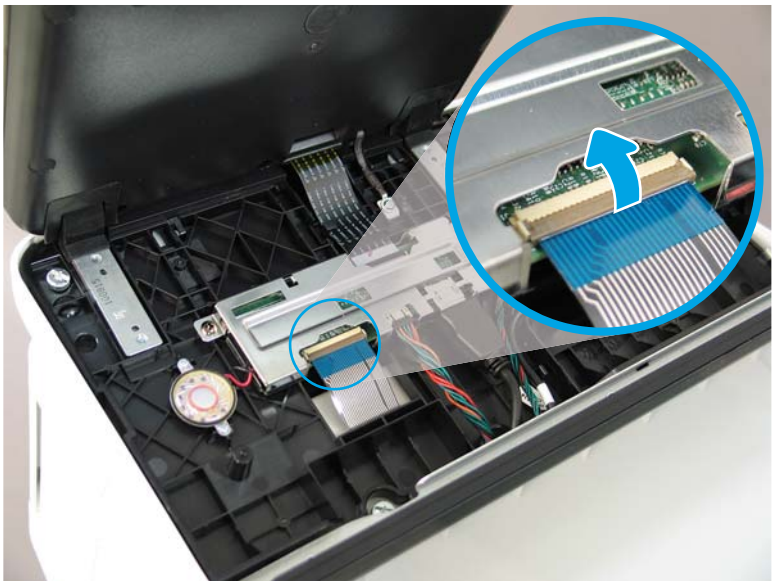
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1335 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1336 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1337 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1338 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1339 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

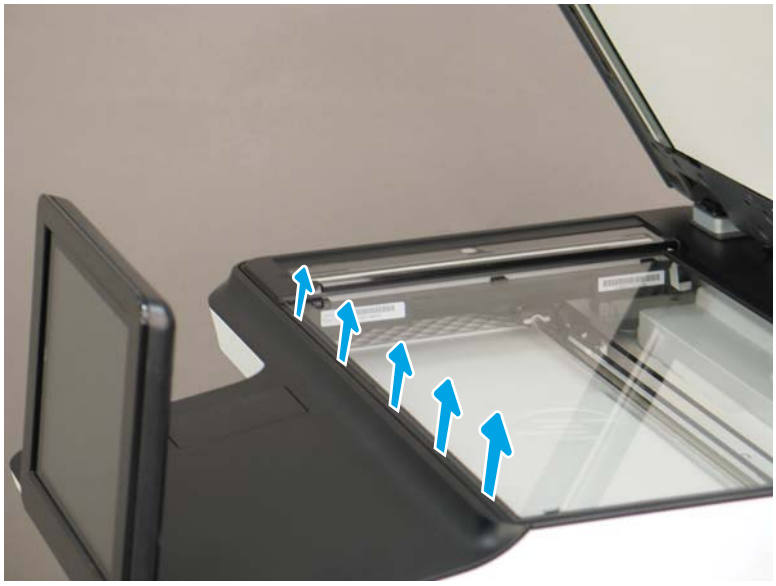
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1340 Tilt the control panel forward and open the document feeder



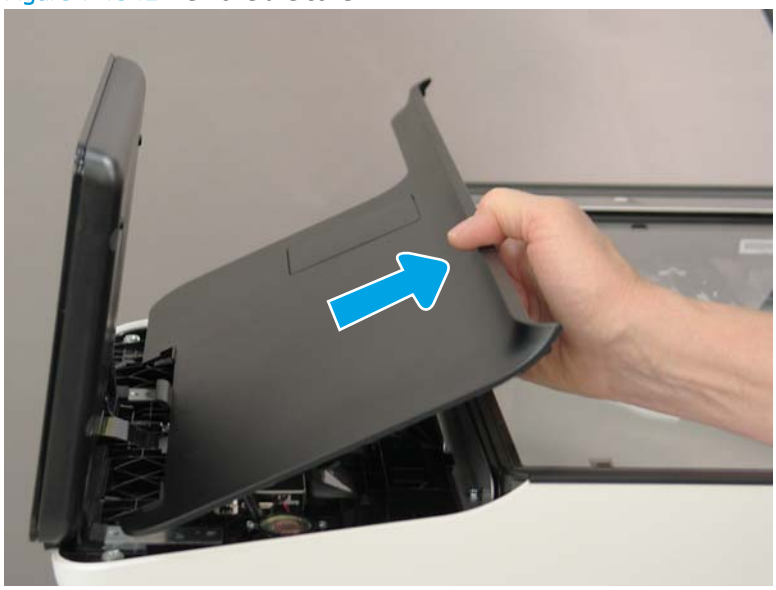
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1341 Release fiv tabs



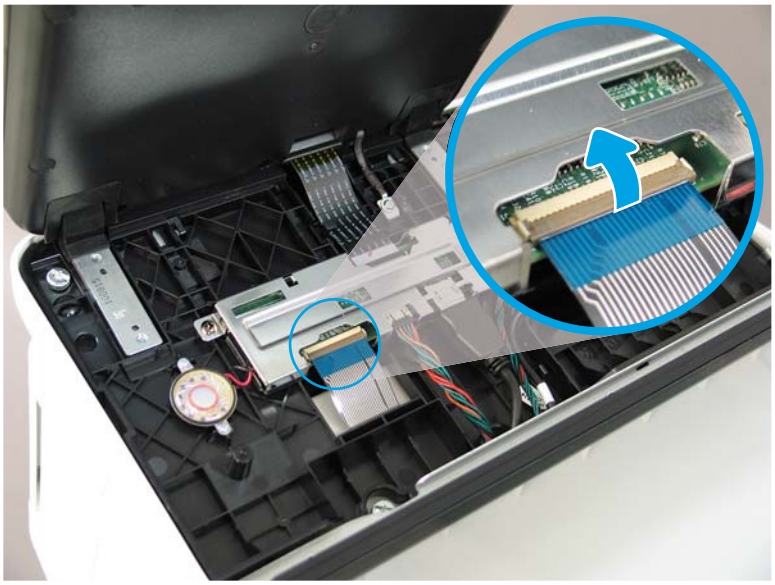
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1342 Remove the cover



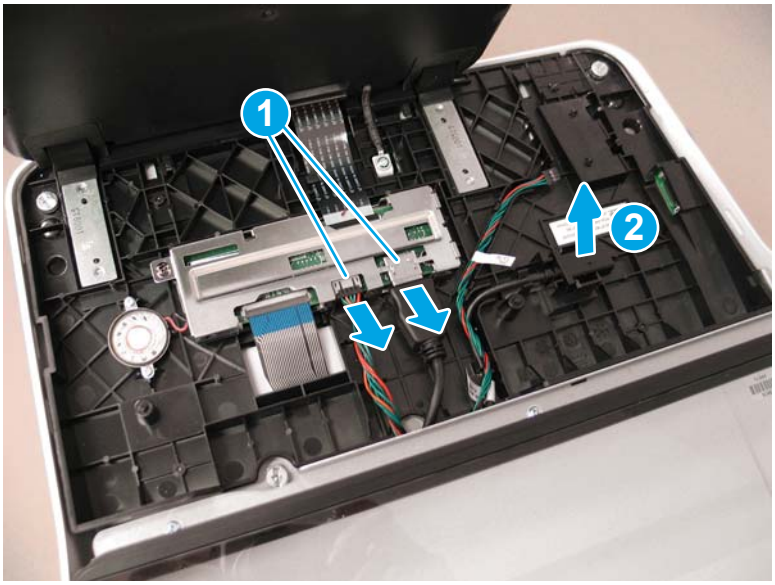
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1343 Disconnect the keyboard fla cable (keyboard models only)



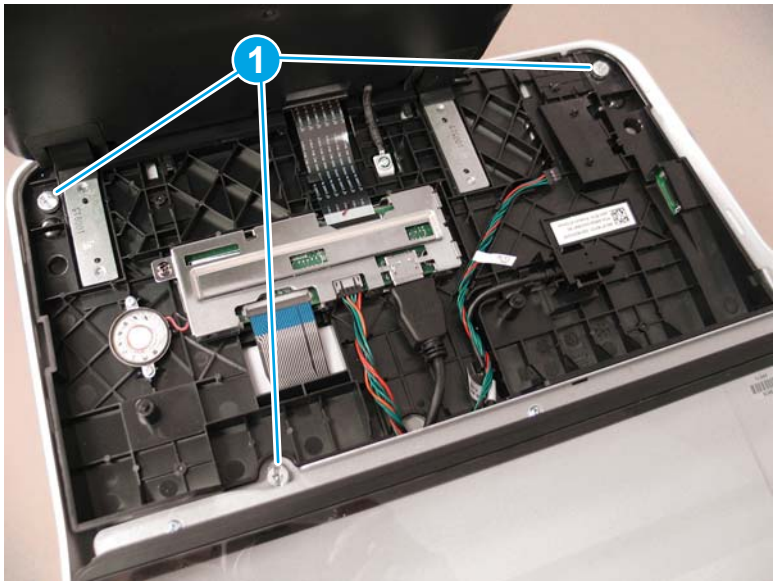
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1344 Disconnect connectors



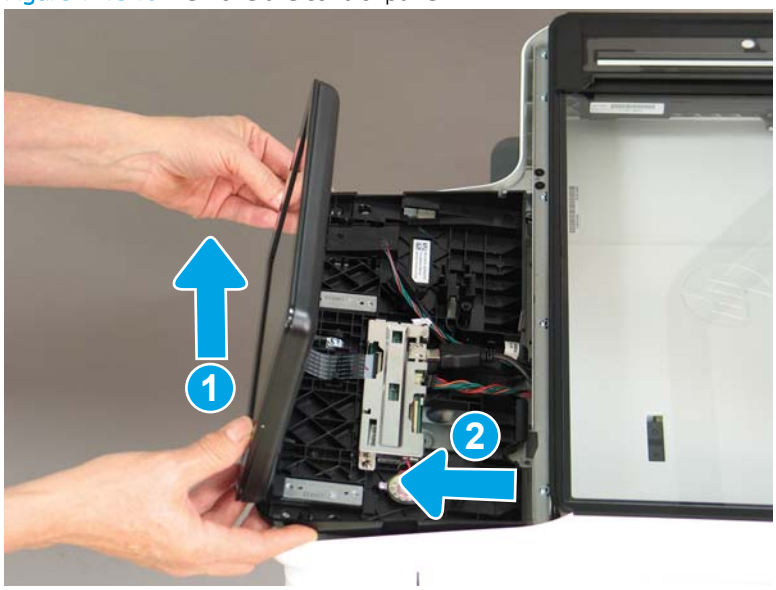
6. Remove three thumbscrews (callout 1).

Figure 1-1345 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1346 Remove the control panel

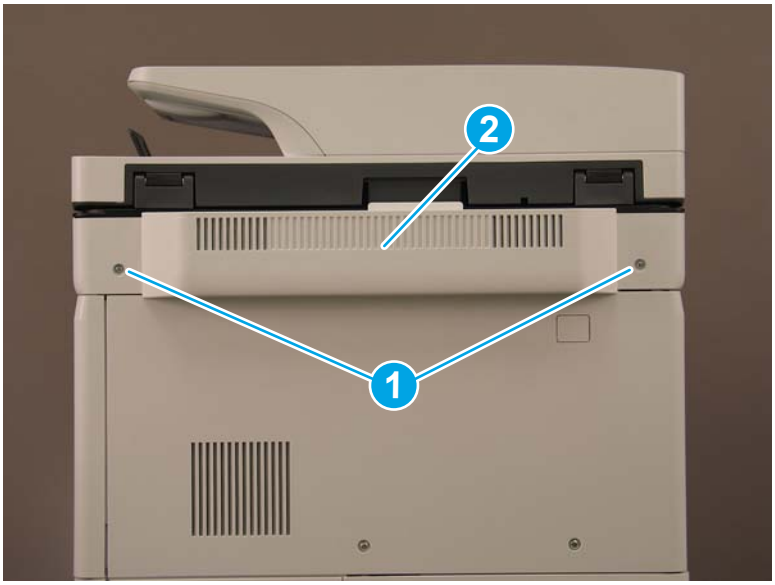


Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

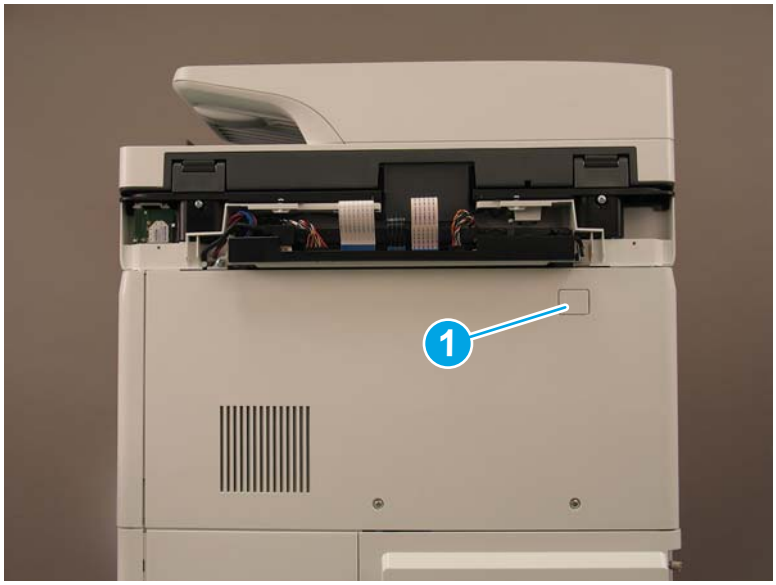
Figure 1-1347 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

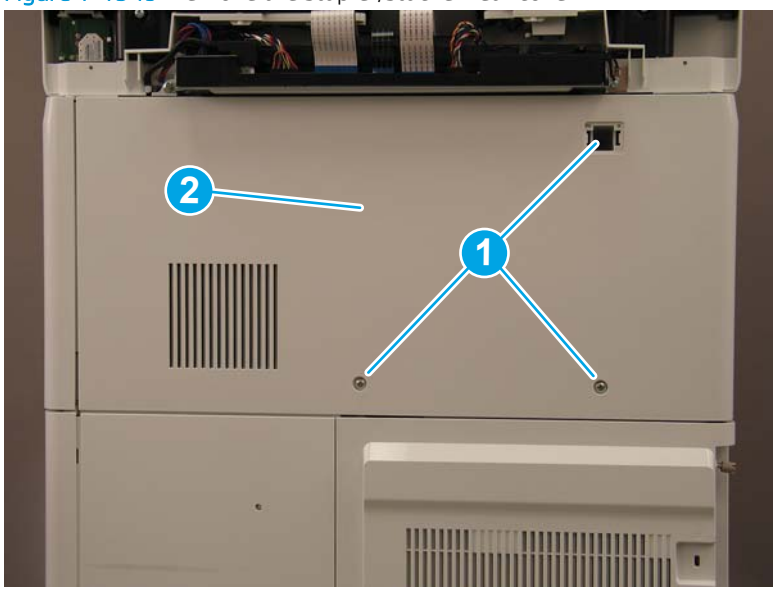
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-1348 Remove the small cover



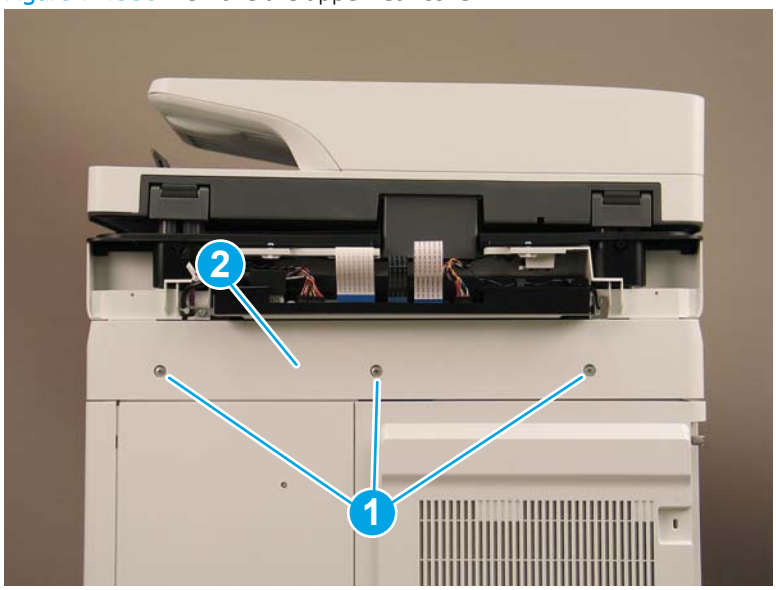
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1349 Remove the stapler/stacker rear cover



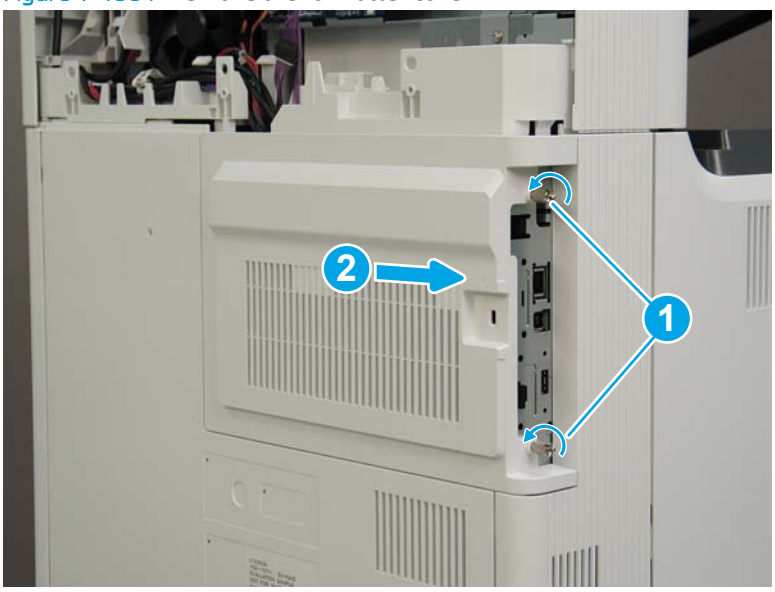
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1350 Remove the upper rear cover



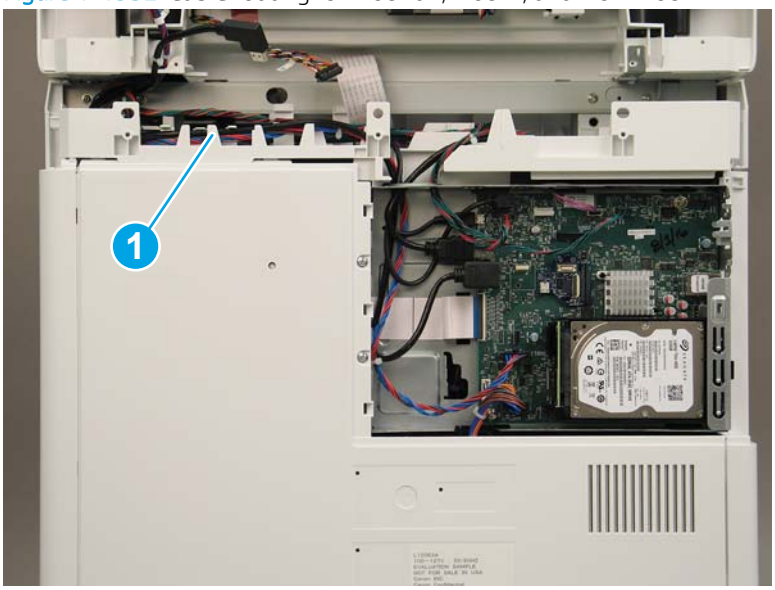
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1351 Remove the formatter cover



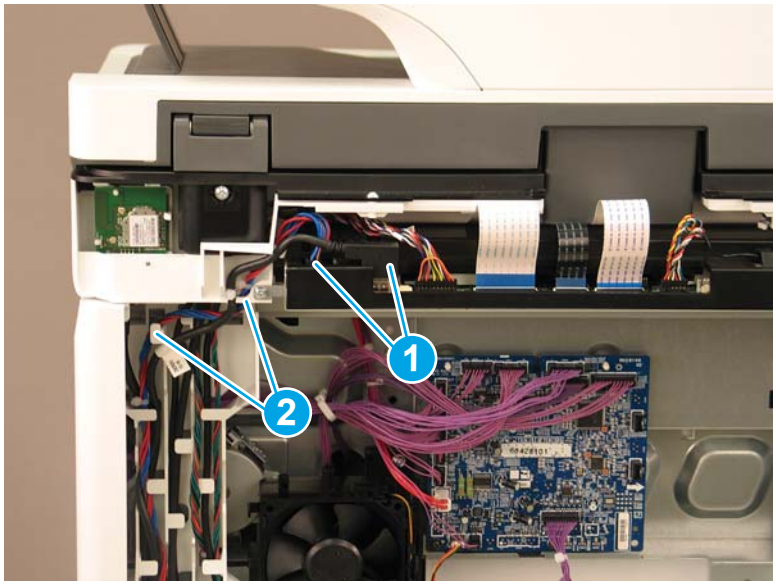
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1352 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1353 Disconnect two connectors



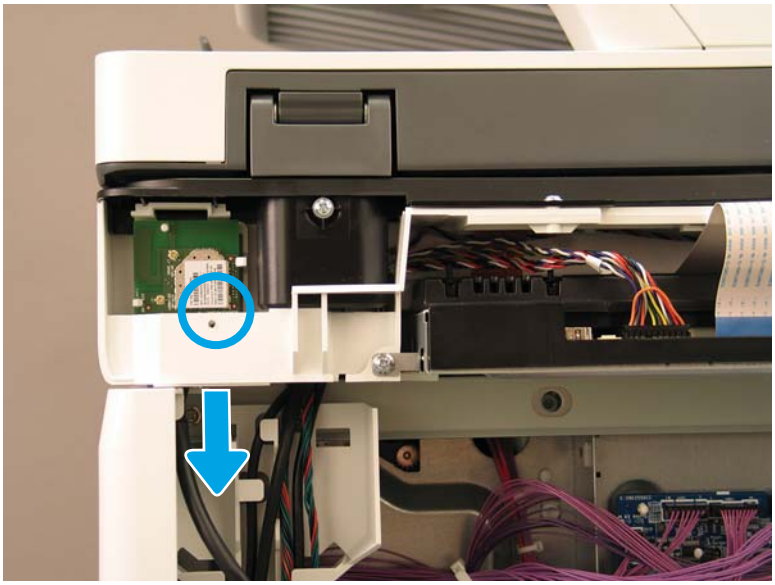
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1354 Disconnect fiv connectors



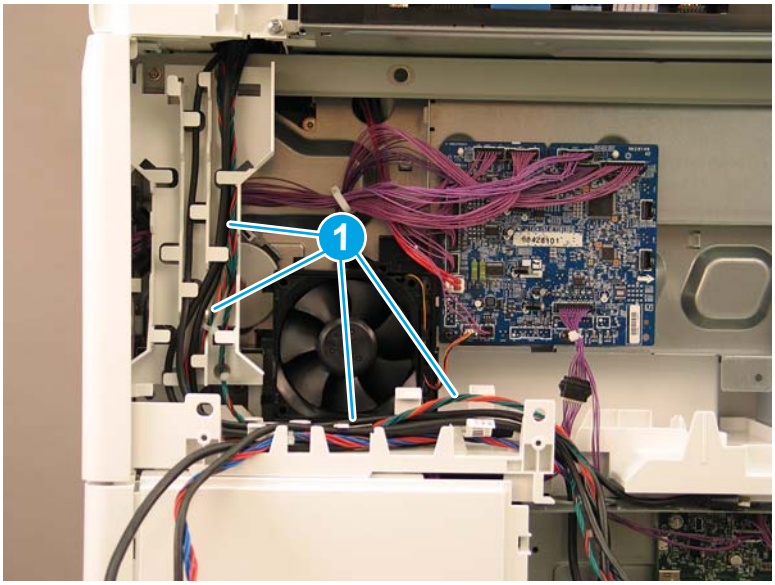
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1355 Disconnect the wireless connector



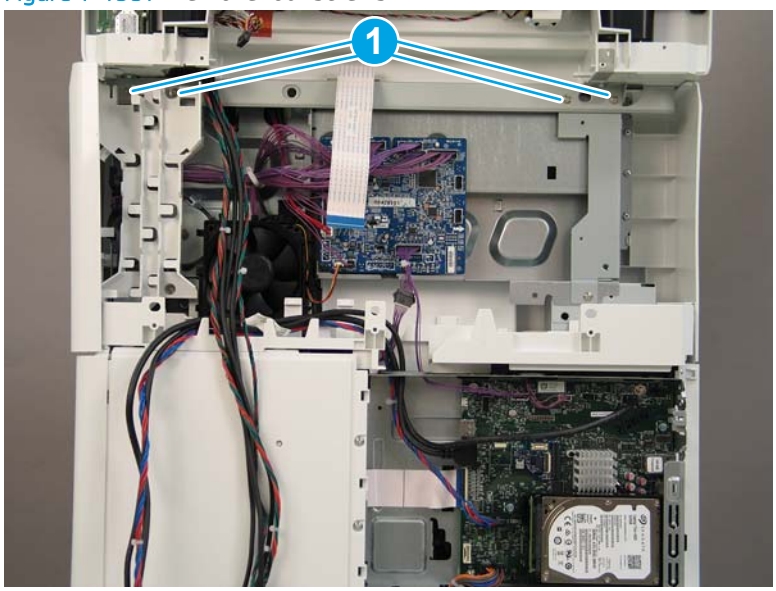
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1356 Release the cables



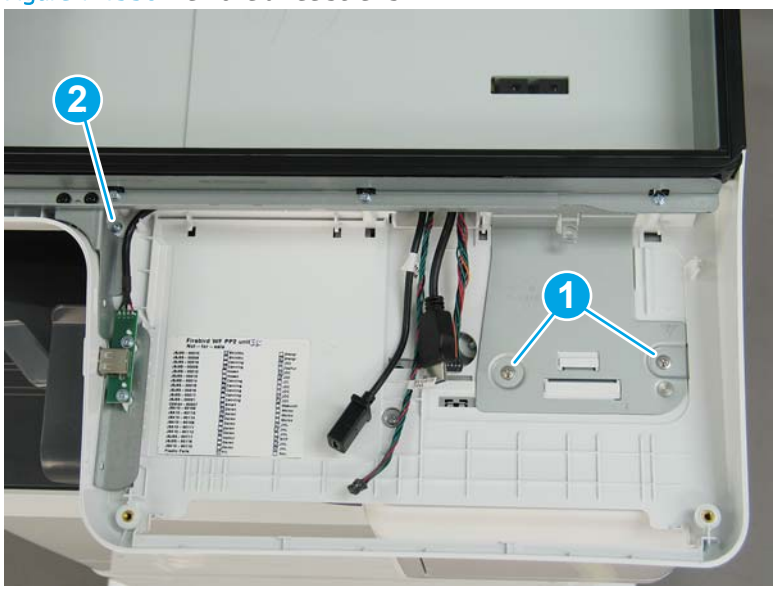
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1357 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1358 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1359 Remove the document feeder and image scanner



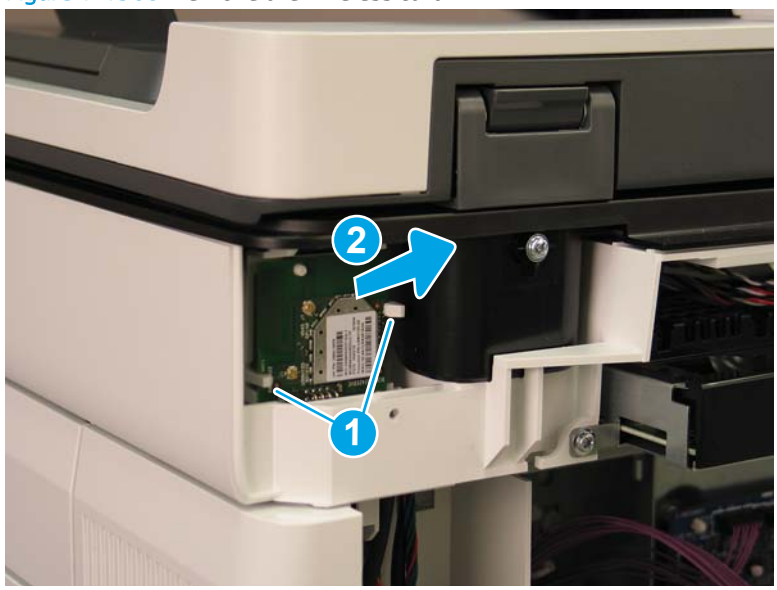
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1360 Remove the wireless card



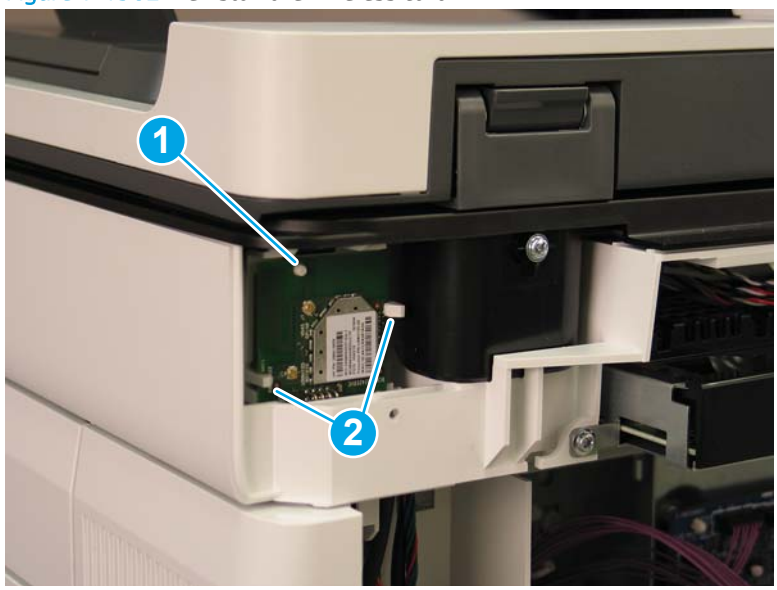
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1361 Connect the wireless card connector



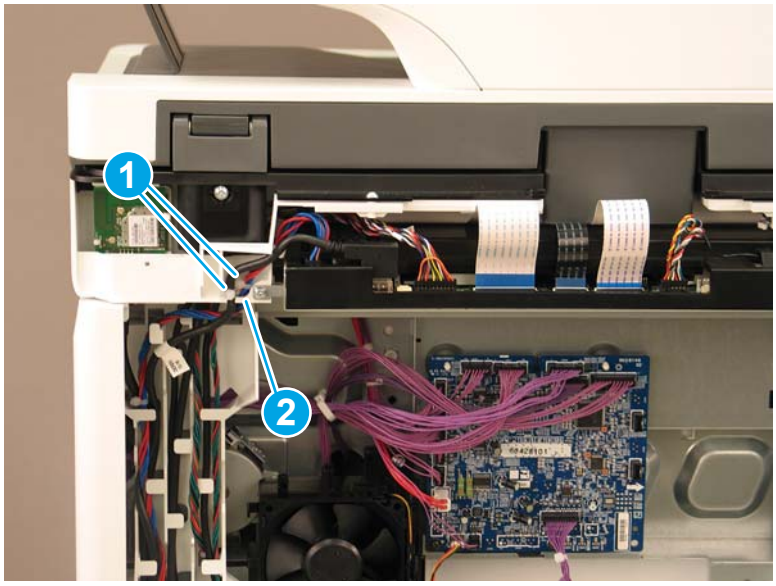
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1362 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1363 Install the SCB cables



Step 4: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

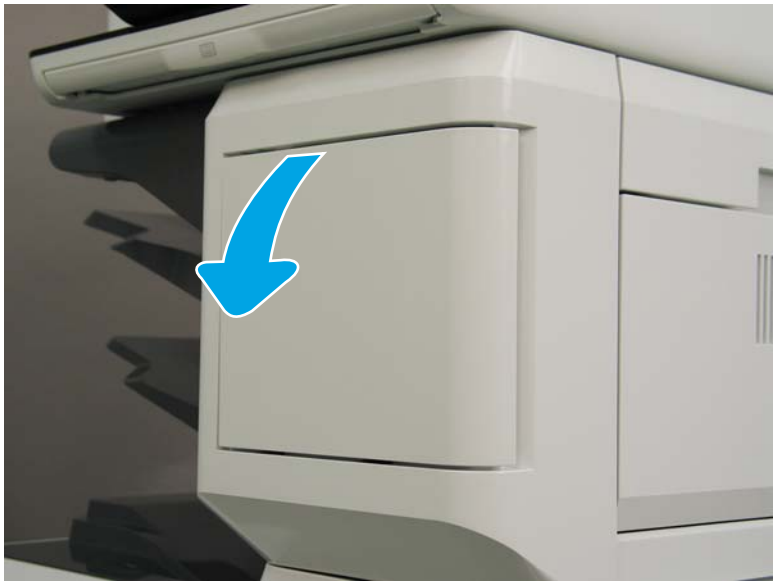
1. Open the front door.

Figure 1-1364 Open the front door



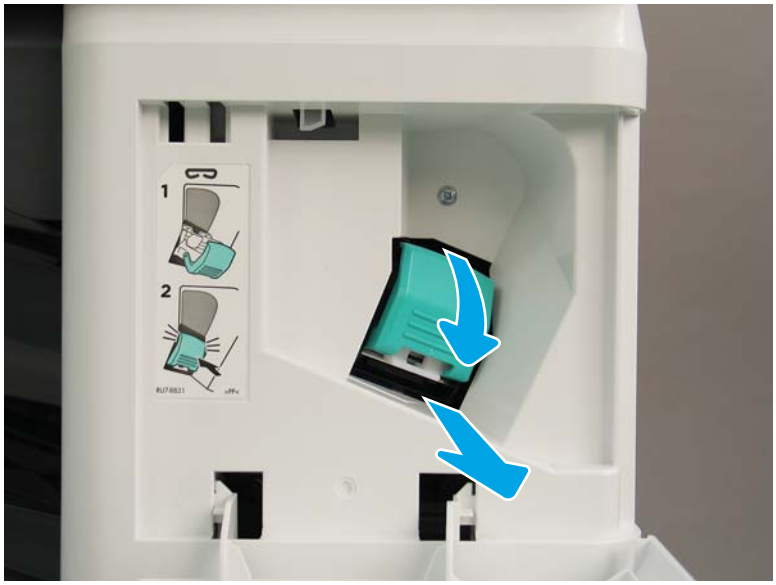
2. Open the stapler door.

Figure 1-1365 Open the stapler door



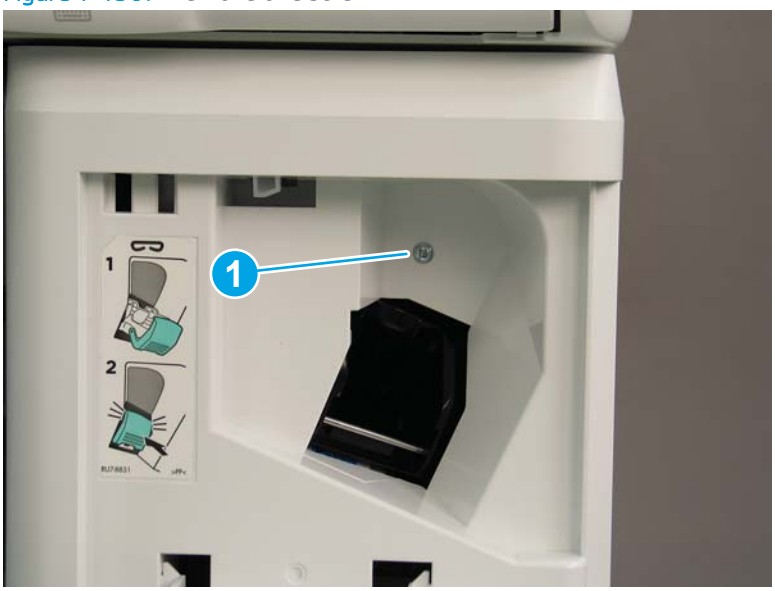
3. Release the latch, and then remove the staple cartridge.

Figure 1-1366 Remove the staple cartridge



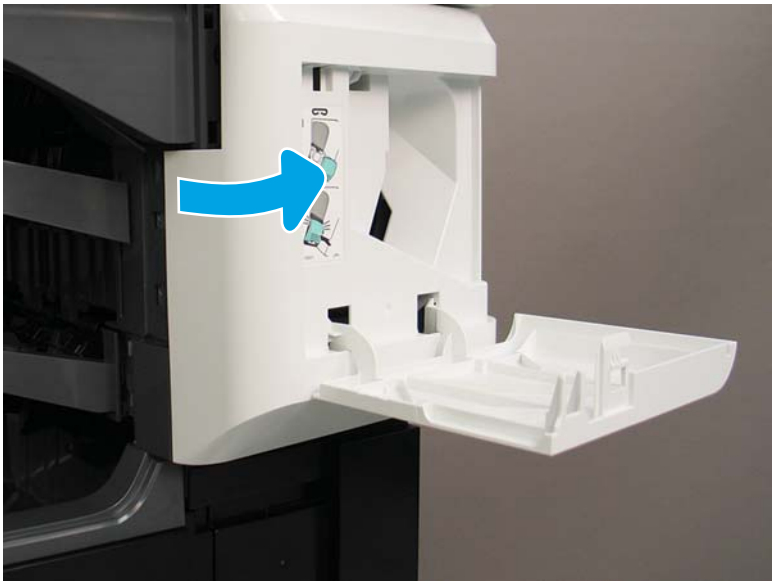
4. Remove one screw (callout 1).

Figure 1-1367 Remove one screw



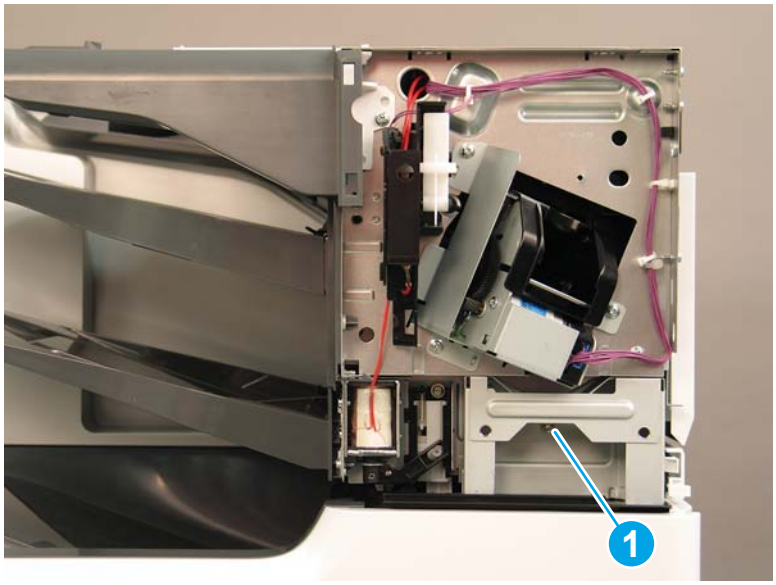
5. Rotate the stapler cover to the right to remove it.

Figure 1-1368 Remove the stapler cover



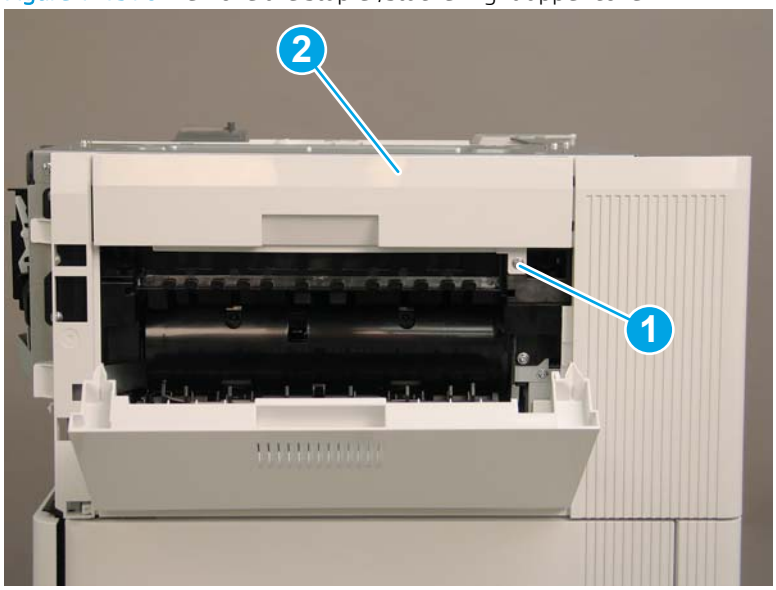
6. Remove one screw (callout 1).

Figure 1-1369 Remove one screw



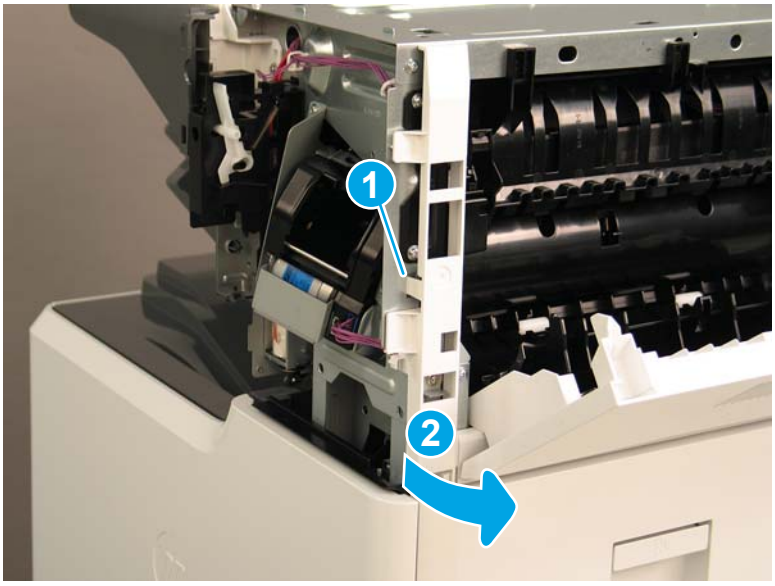
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1370 Remove the stapler/stacker right upper cover



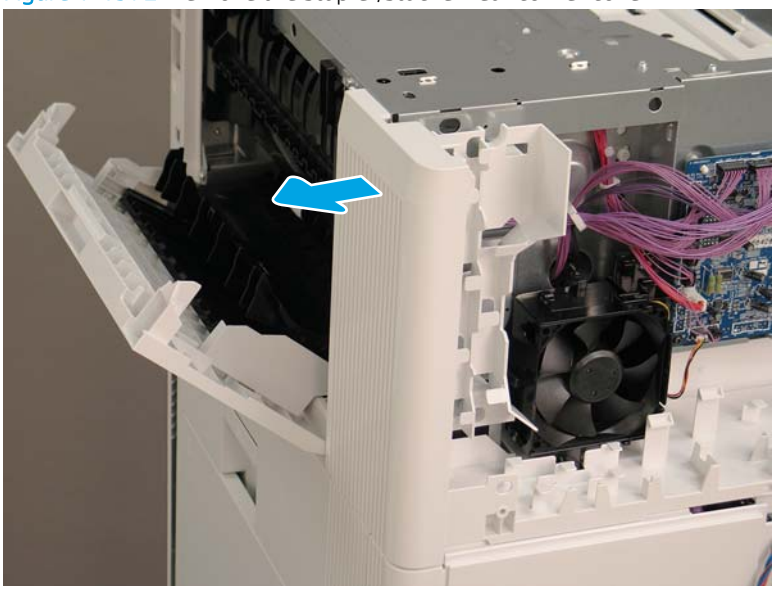
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1371 Remove the stapler rear cover



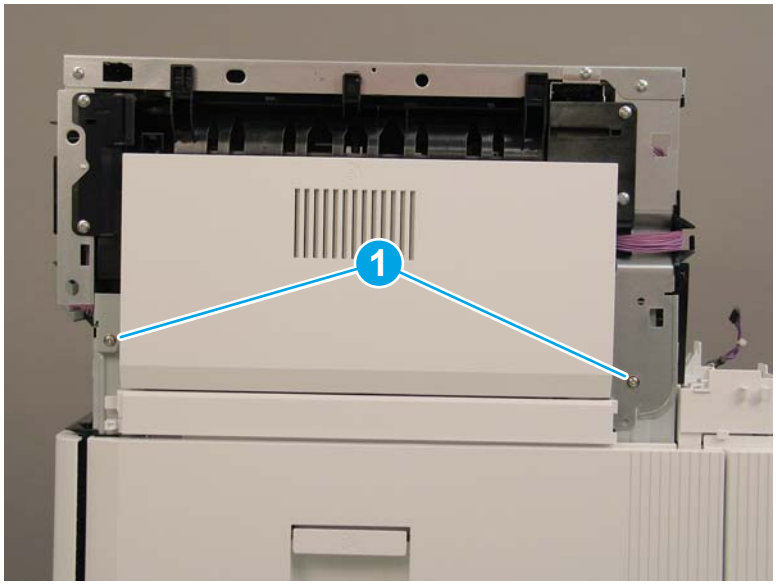
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1372 Remove the stapler/stacker rear corner cover



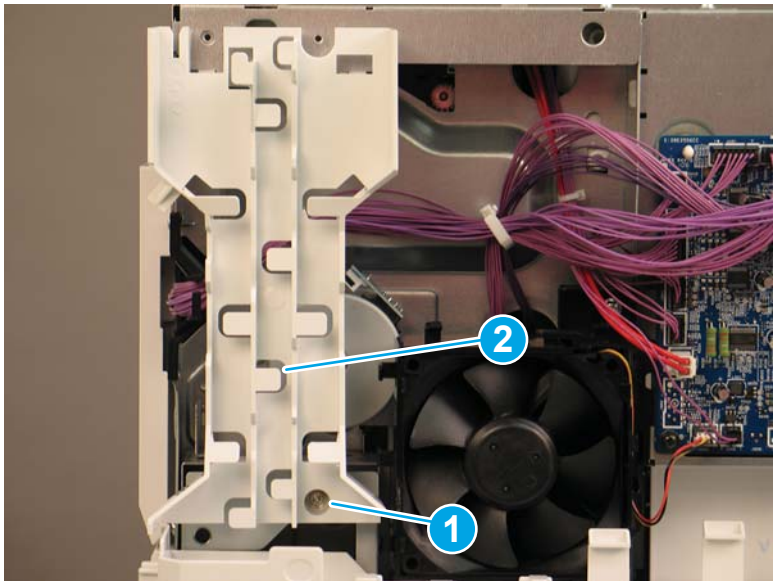
10. Remove two screws (callout 1).

Figure 1-1373 Remove two screws



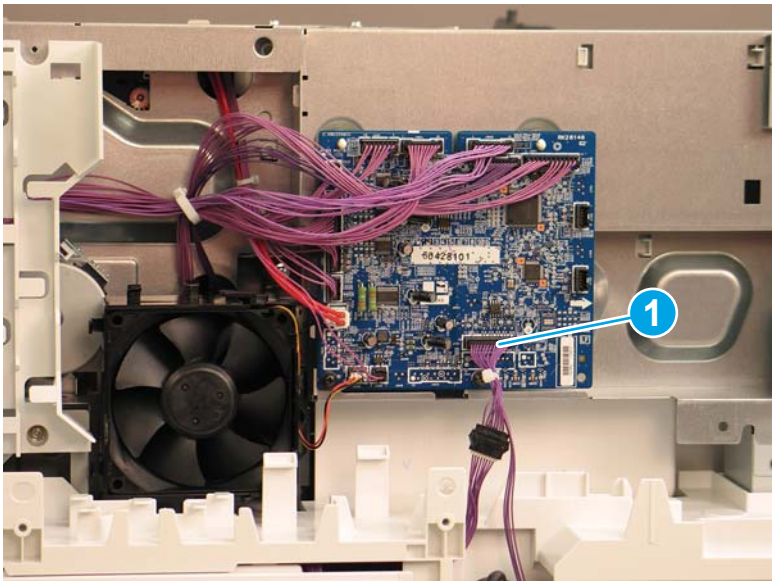
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1374 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

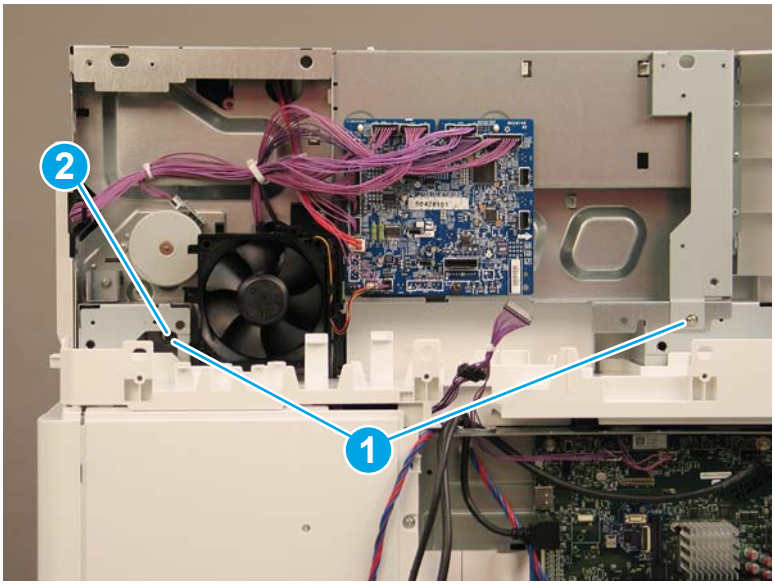
Figure 1-1375 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

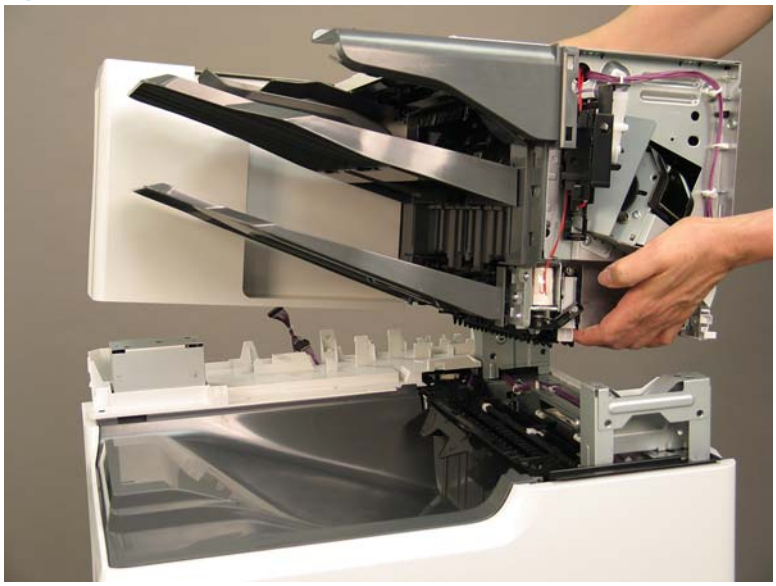
Figure 1-1376 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1377 Remove the stapler/stacker

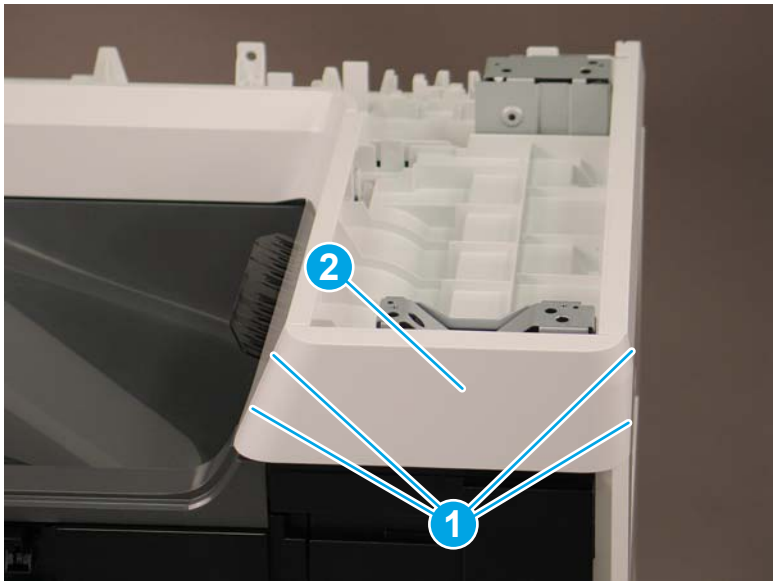


Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1378 Remove the face-down front cover



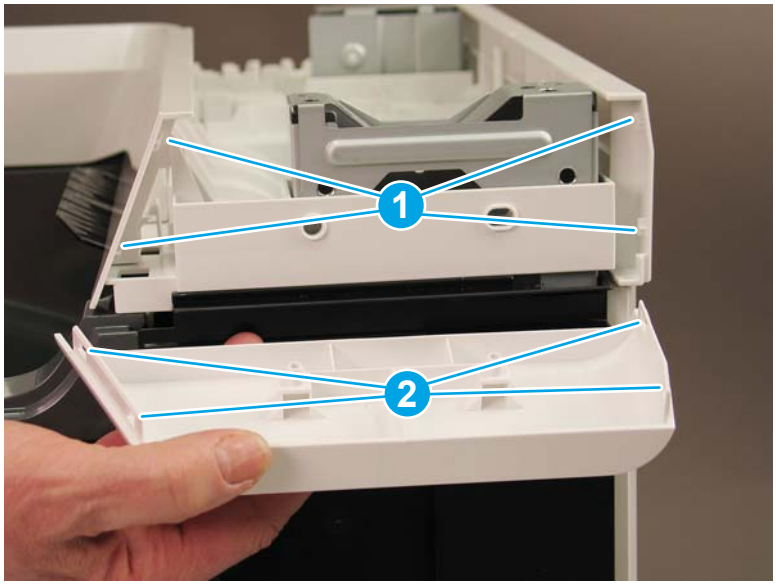
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1379 Install the cover



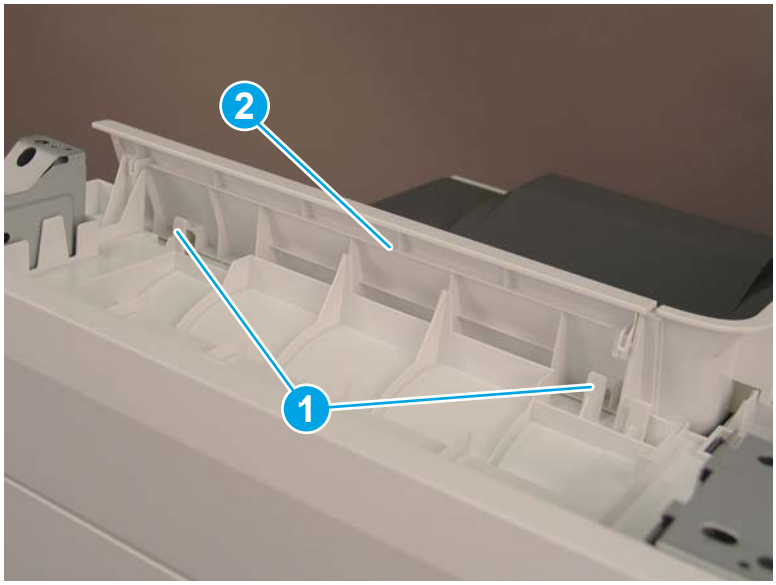
Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1380 Remove the top cover



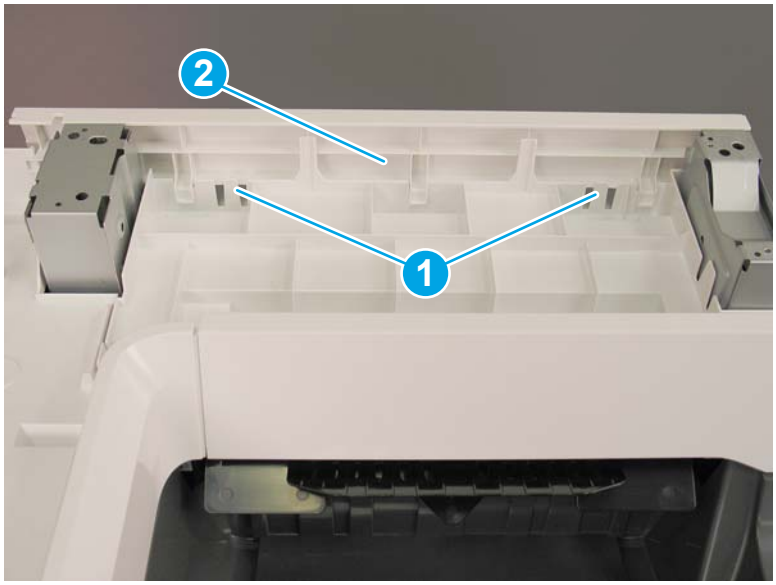
Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1381 Remove the right cover



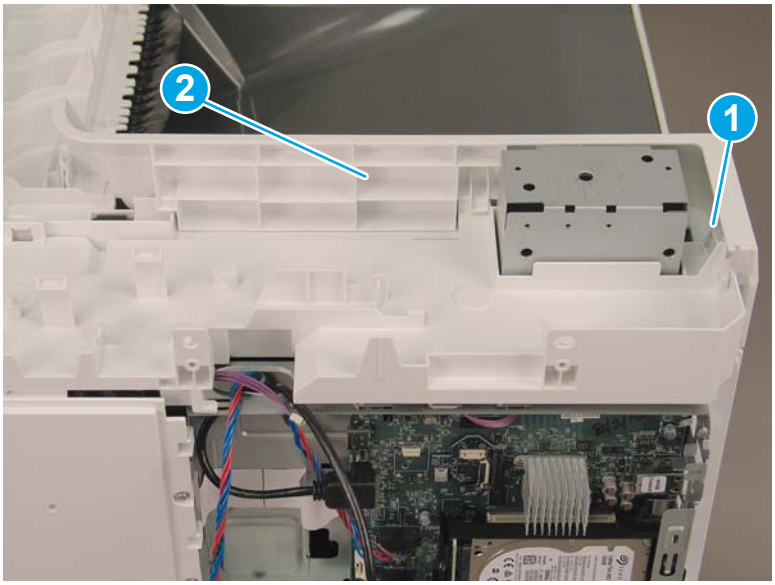
Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1382 Remove the front cover



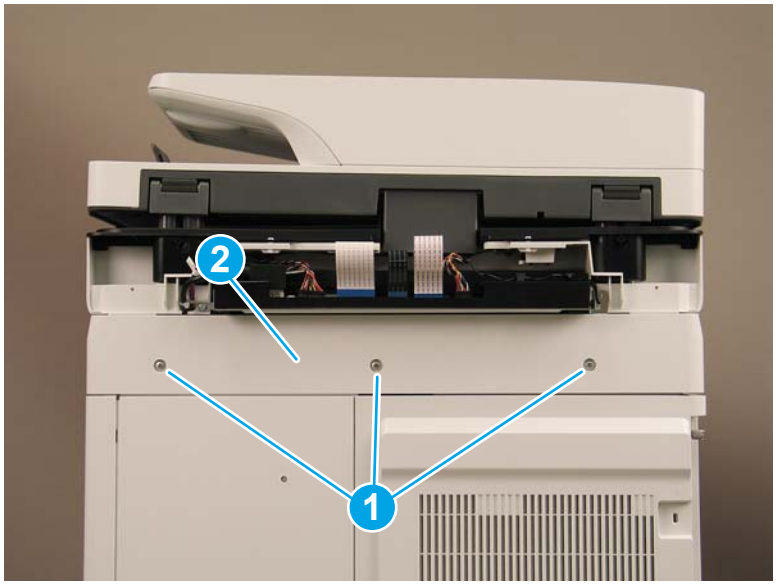
Step 9: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

▲ Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1383 Remove the rear upper cover



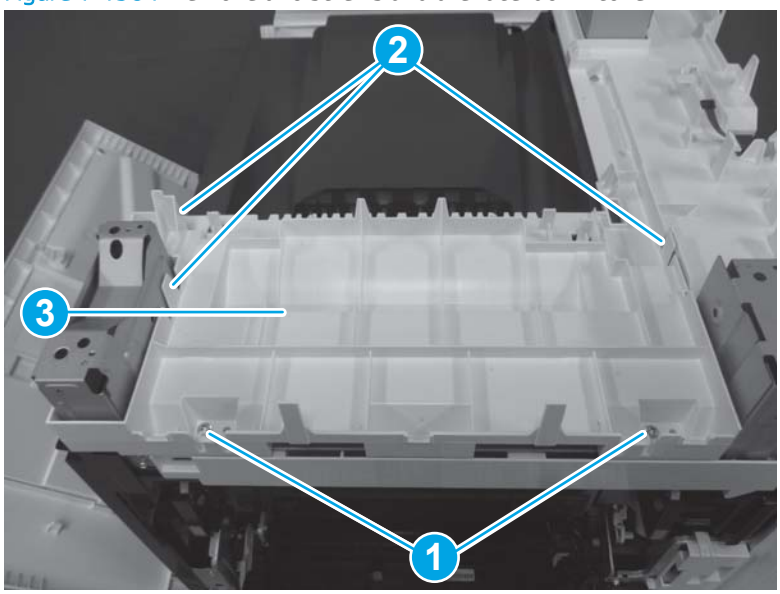
Step 10: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

- Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1384 Remove two screws and the face-down cover

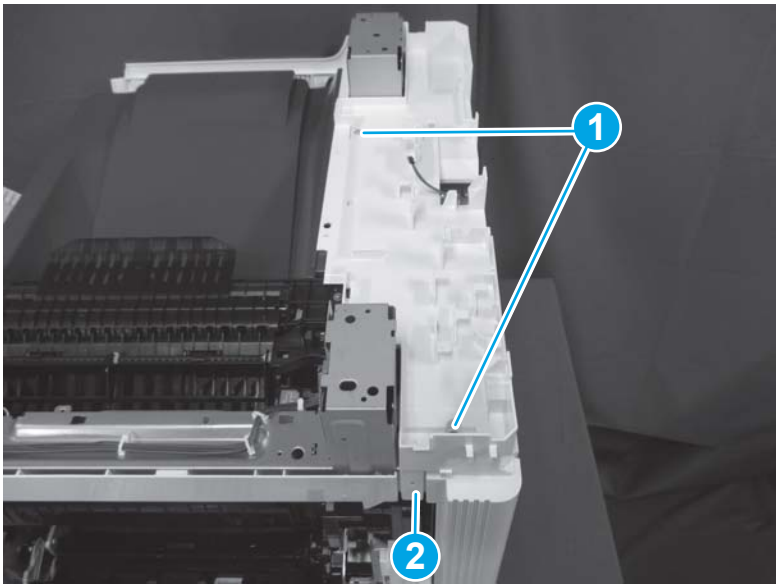


Step 11: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 891

1. Remove two screws (callout 1), and then release one tab (callout 2).

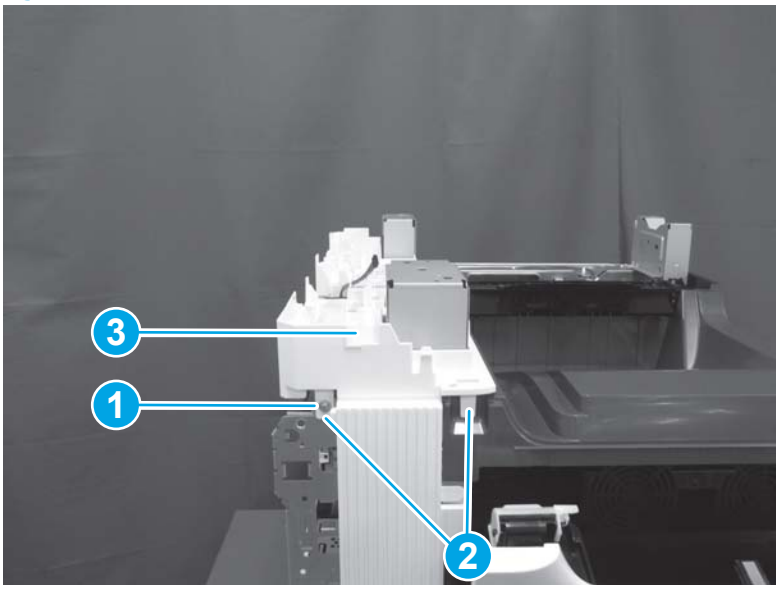
Figure 1-1385 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1386 Remove one screw and the main cover



Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 14: Remove the output bin on page 895

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1387 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1388 Remove the cover



3. Remove one thumbscrew (callout 1)

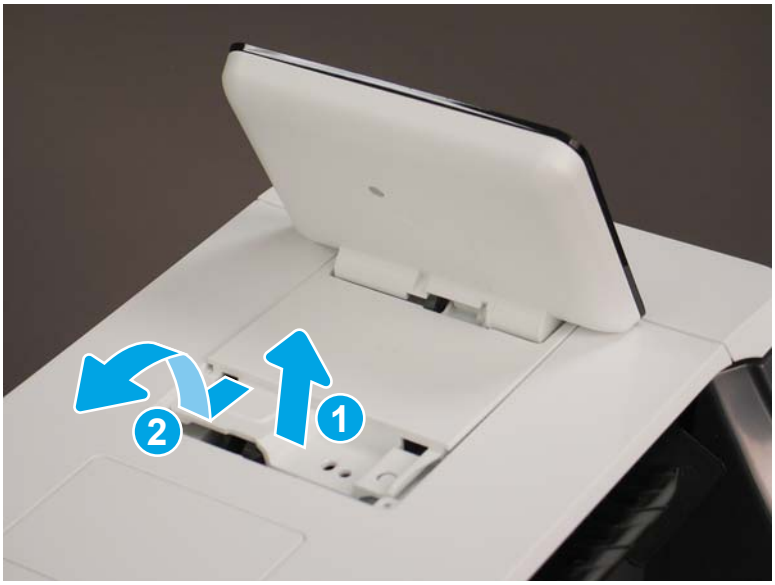
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1389 Remove one thumbscrew



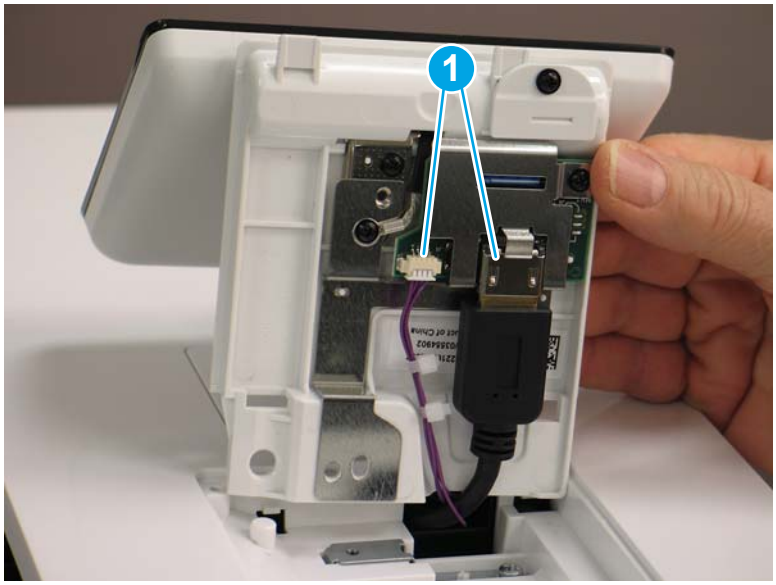
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1390 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1391 Disconnect two connectors



6. Remove the control panel.

Figure 1-1392 Remove the control panel



Step 13: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

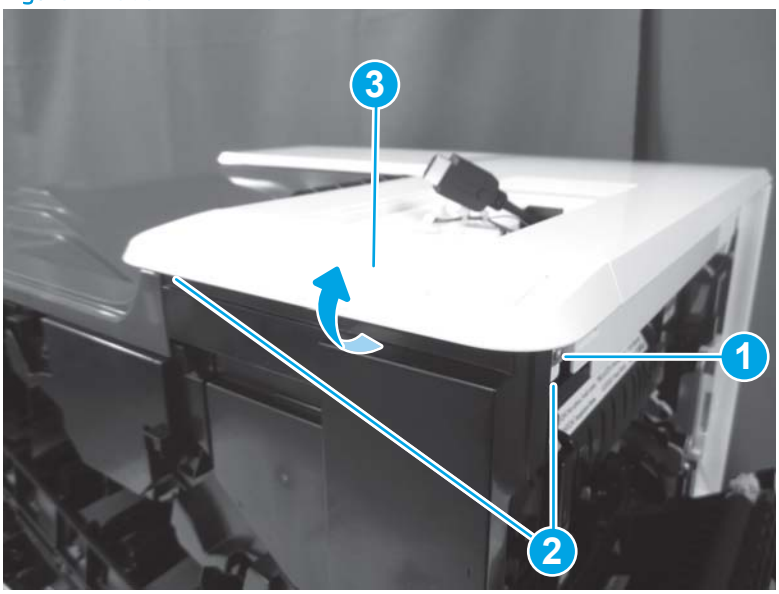
NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660, skip this step and go to Step 14: Remove the output bin on page 895

1. Open the following doors:

- Front door
- Left door
- Right door

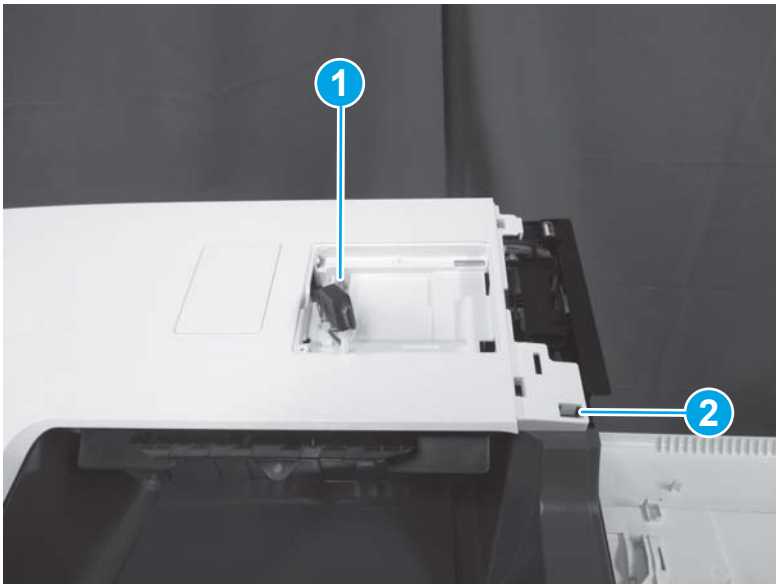
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1393 Remove the NFC cover



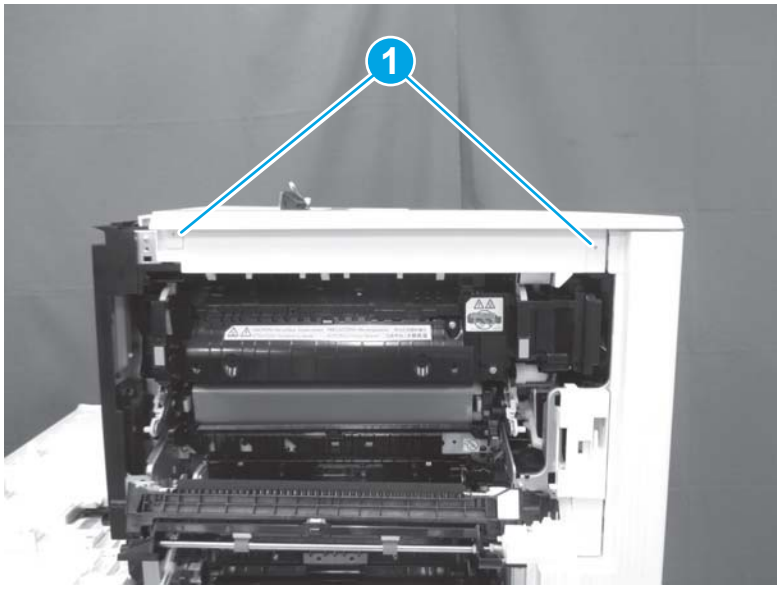
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1394 Remove one screw and release one tab



4. Release two tabs (callout 1).

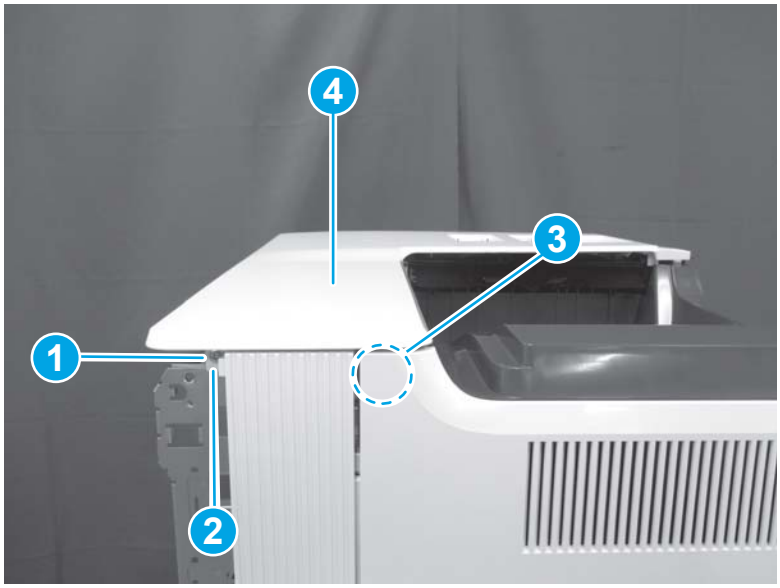
Figure 1-1395 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1396 Remove the top cover



Step 14: Remove the output bin

1. Open the following doors:

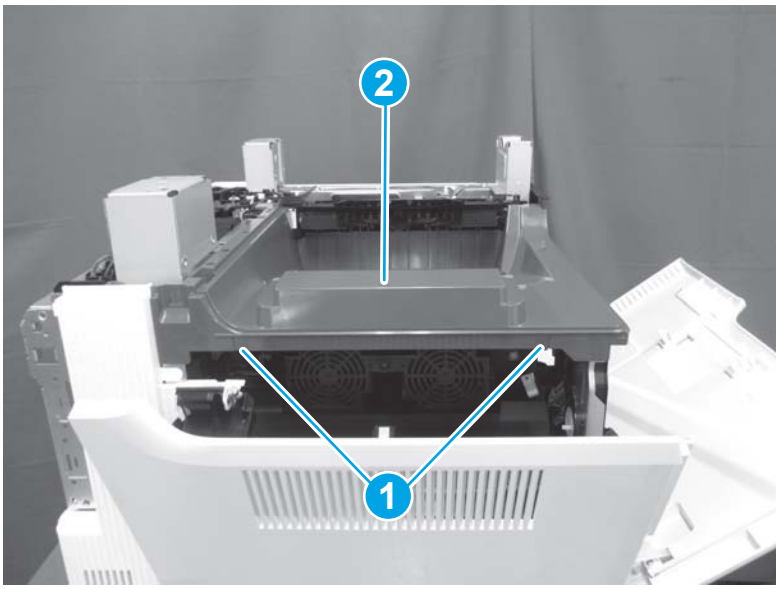
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1397 Remove the output bin

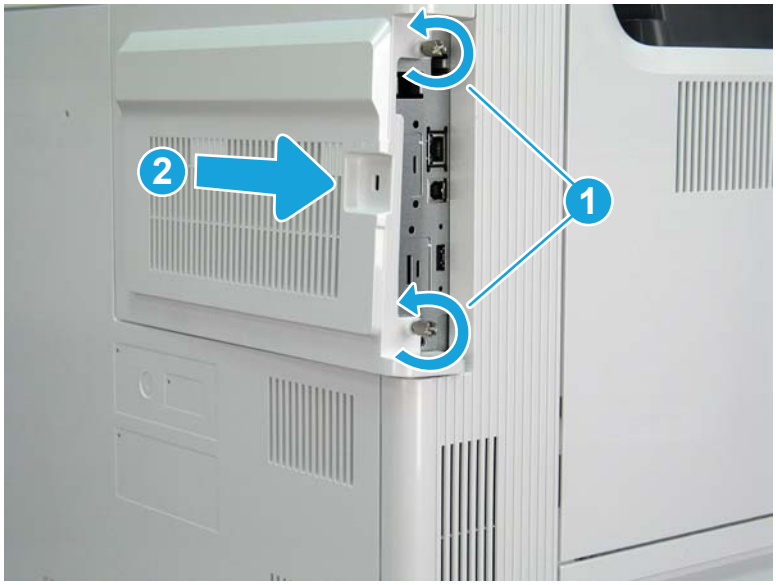


Step 15: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

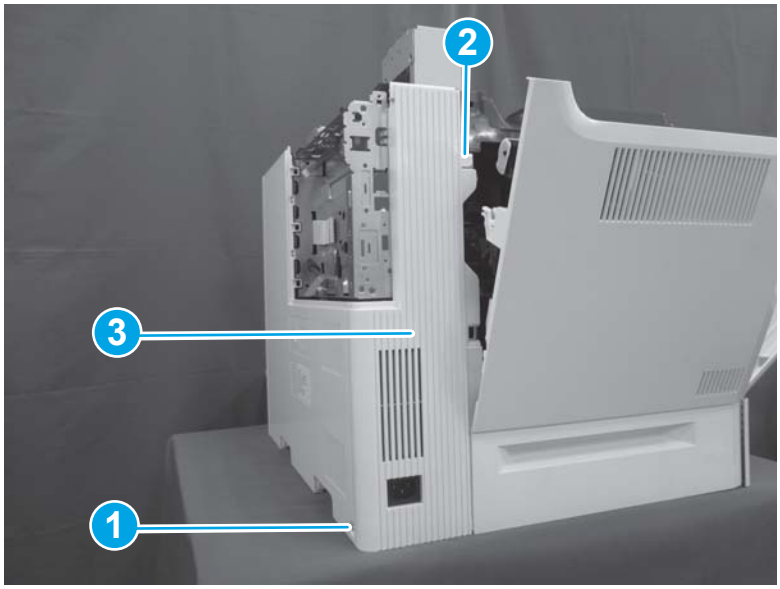
Figure 1-1398 Remove the formatter cover



Step 16: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1399 Remove the left rear cover



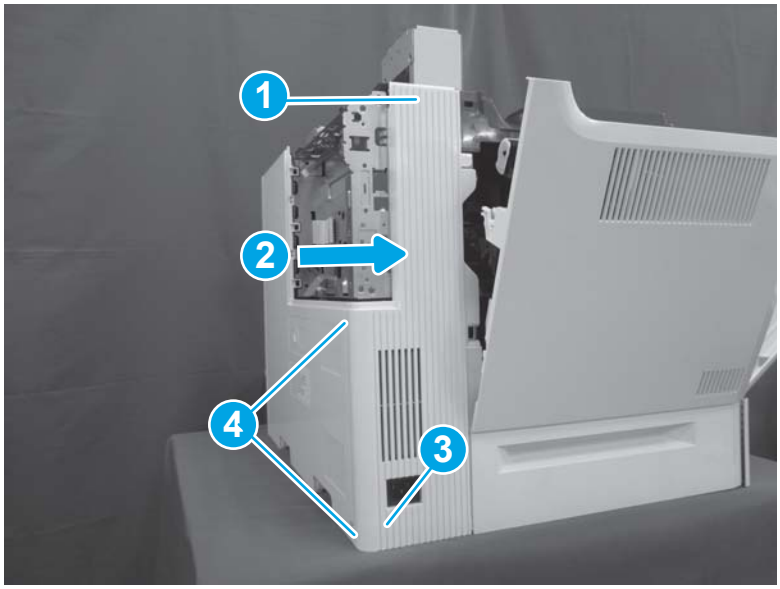
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1400 Install the left rear cover

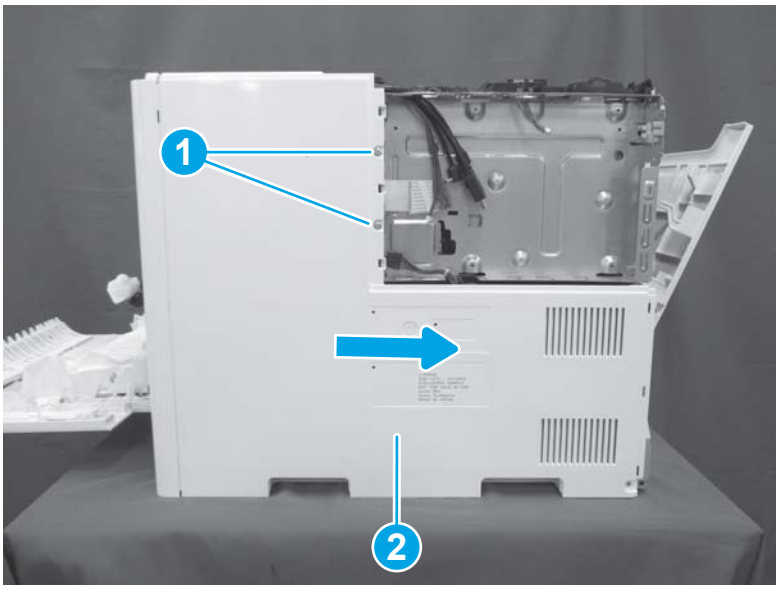


Step 17: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1401 Remove two screws and the rear cover



Step 18: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 899

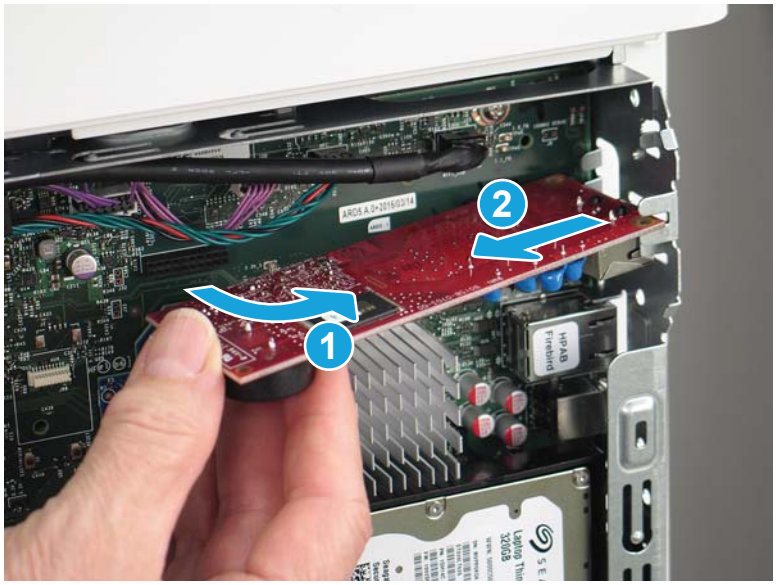
1. Locate the fax PCA on the formatter.

Figure 1-1402 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

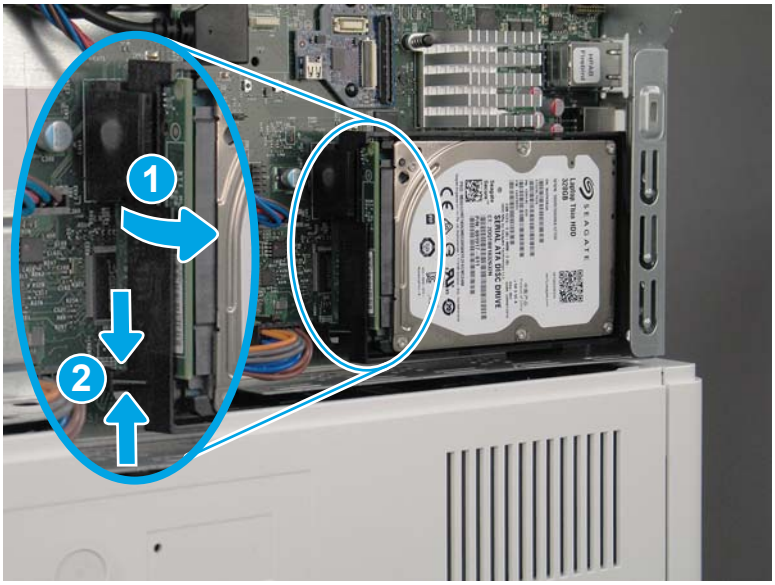
Figure 1-1403 Remove the fax PCA



Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

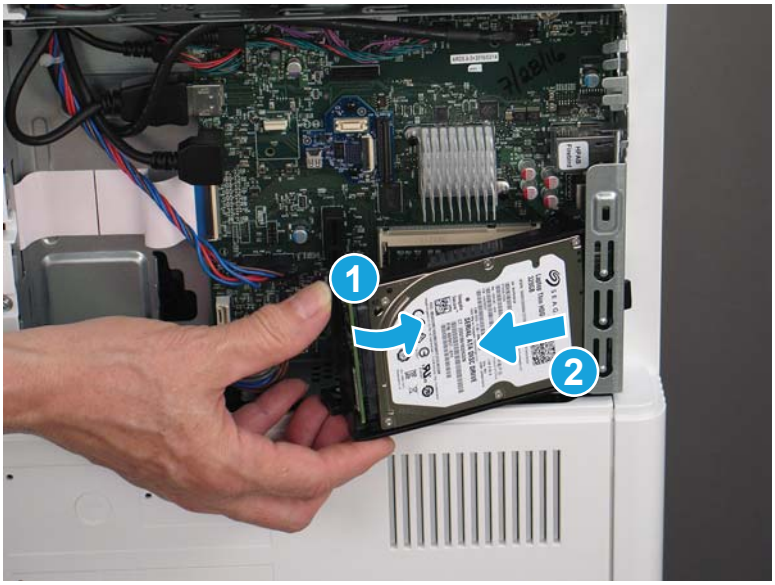
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1404 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1405 Remove the HDD



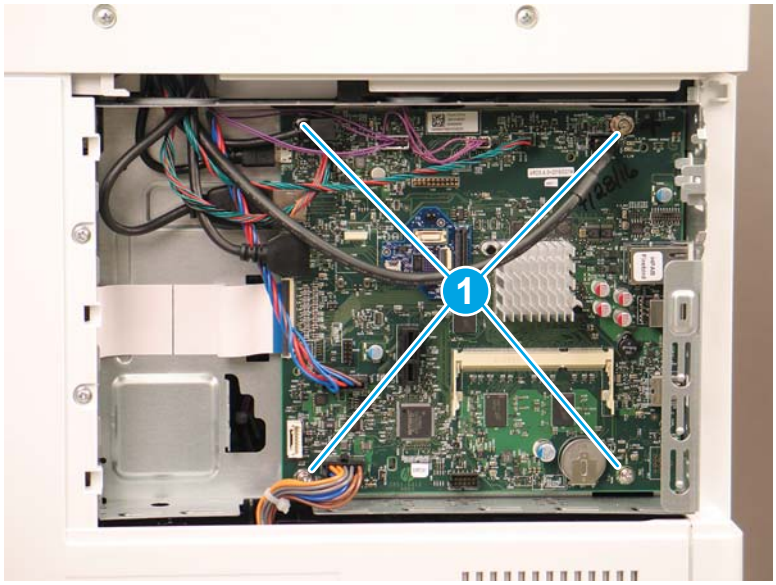
Step 20: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1406 Remove the formatter

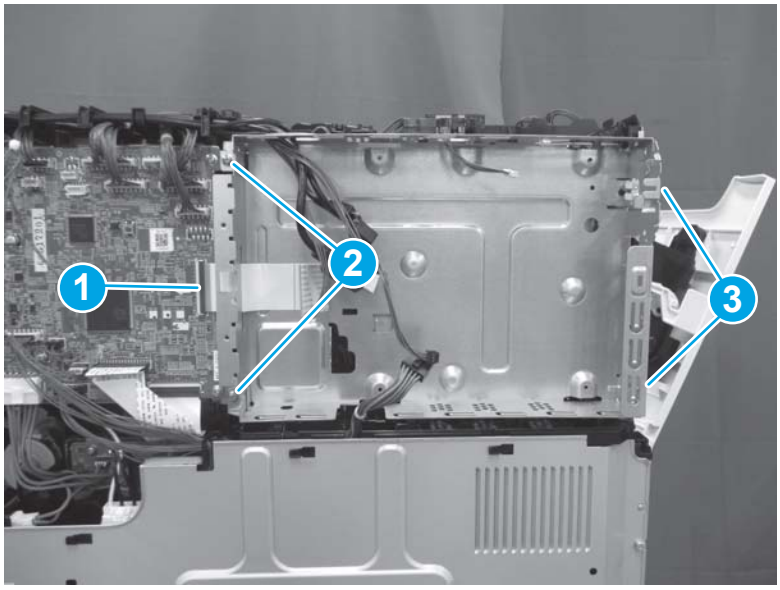


Step 21: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

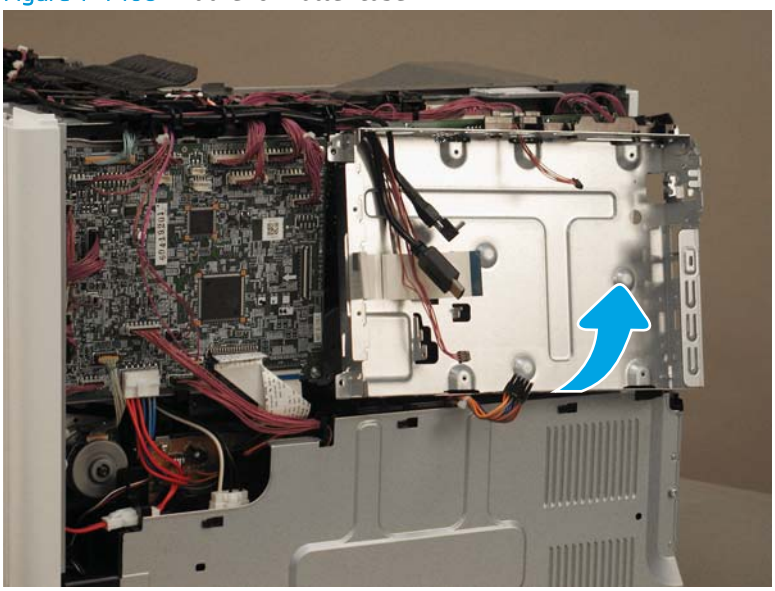
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1407 Disconnect one connector and remove four screws



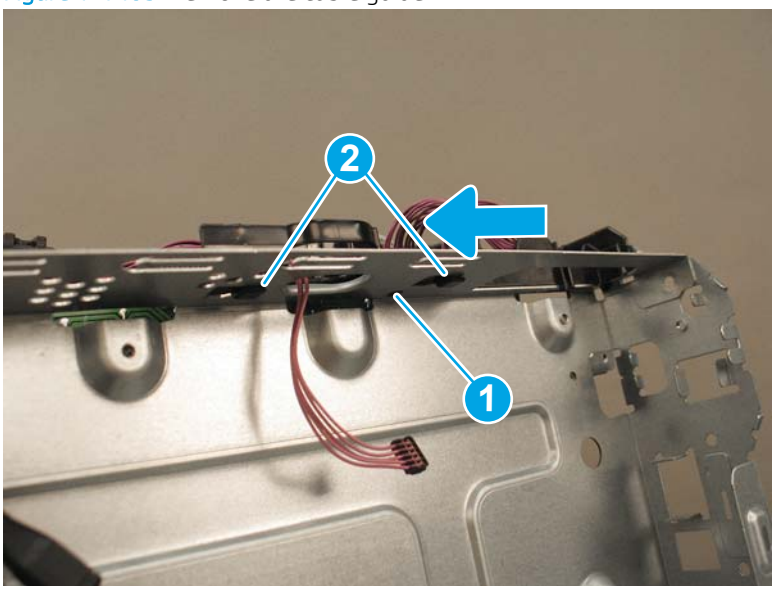
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1408 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1409 Remove the cable guide



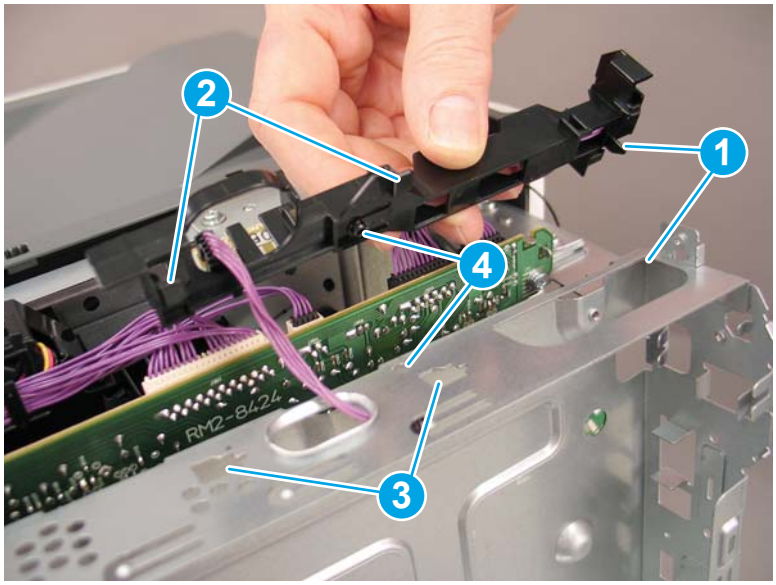
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

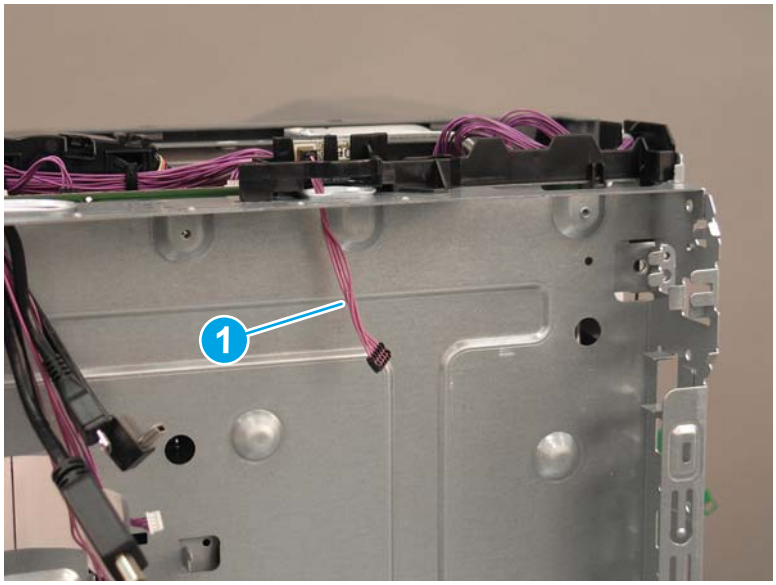
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1410 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

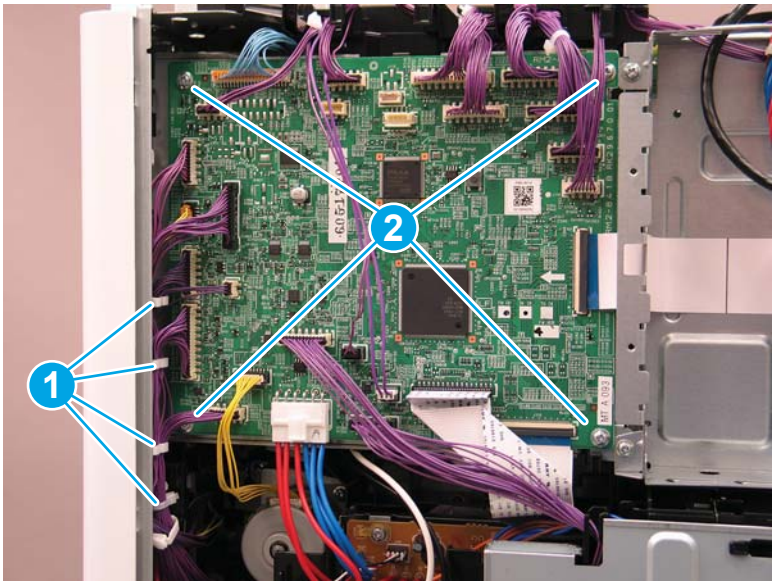
Figure 1-1411 Check the IOD cable



Step 22: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1412 Remove the DC controller PCA



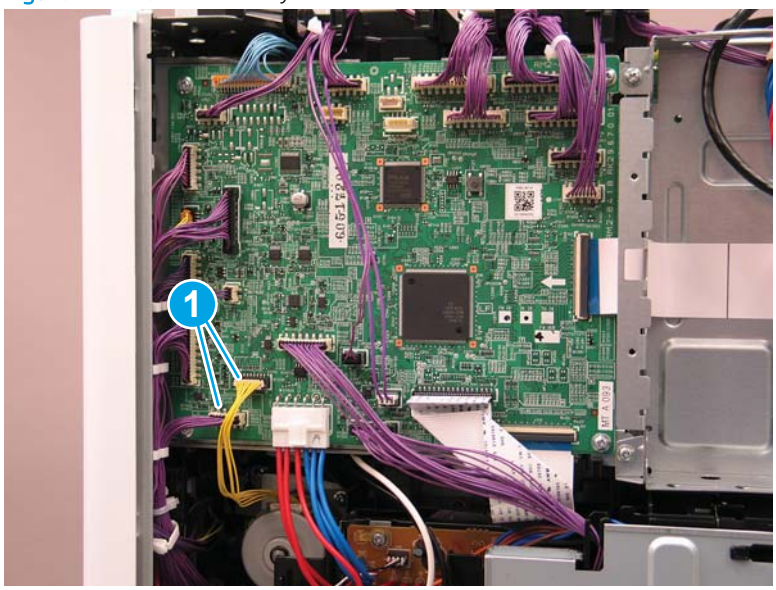
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

▲ Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

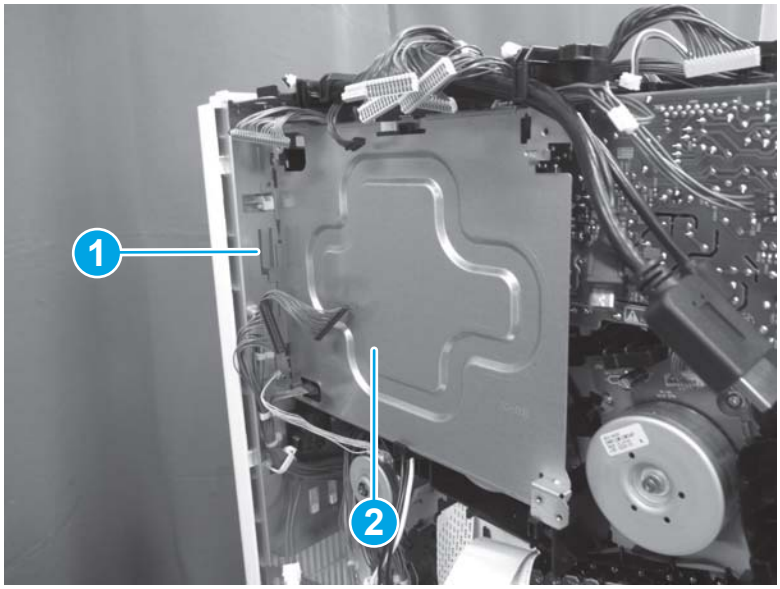
Figure 1-1413 Check the yellow cable



Step 23: Remove the DC controller stay

▲ Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

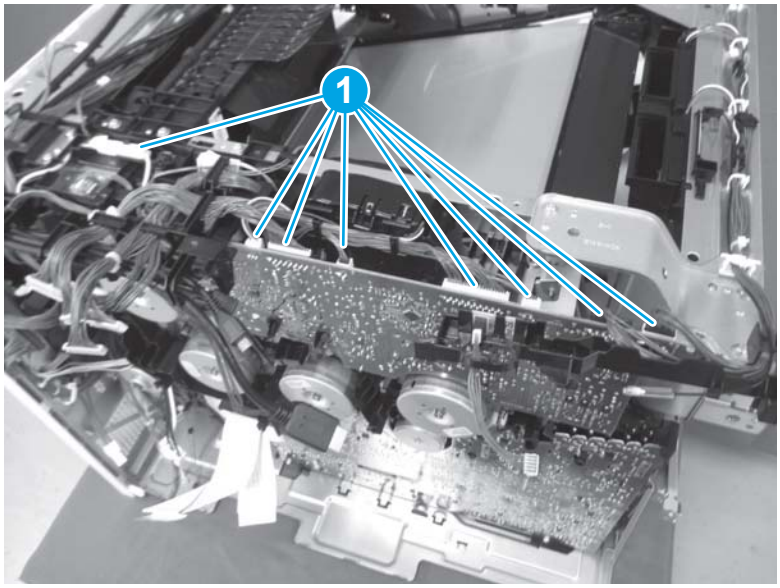
Figure 1-1414 Remove the DC controller stay



Step 24: Remove the upper high-voltage power supply (HVPS)

1. Disconnect eight connectors (callout 1).

Figure 1-1415 Disconnect eight connectors

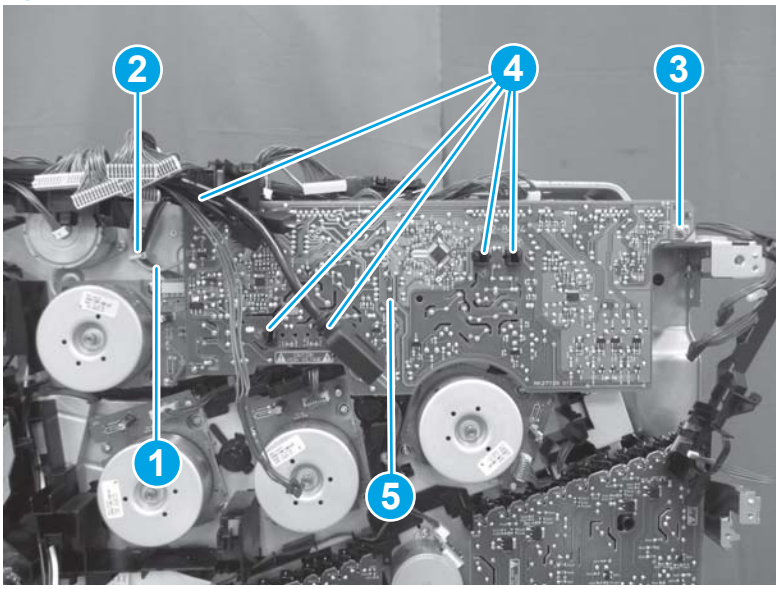


2. Release the cable (callout 1) from the retainer (callout 2). Remove one screw (callout 3), release fiv tabs (callout 4), and then remove the upper HVPS (callout 5).

Reinstallation tip: The screw (callout 3) is a grounding screw with a washer attached. Make sure that this screw and washer are installed in the correct position.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1416 Remove the upper HVPS



Step 25: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear fan

- Introduction
- Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 13: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 14: Remove the output bin
- Step 15: Remove the formatter cover
- Step 16: Remove the left rear cover
- Step 17: Remove the rear cover
- Step 18: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 20: Remove the formatter
- Step 21: Remove the formatter case
- Step 22: Remove the DC controller PCA
- Step 23: Remove the DC controller stay
- Step 24: Remove the upper high-voltage power supply (HVPS)
- Step 25: Remove the rear fan
- Step 26: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear fan.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear fan part number	
RK2-6124-000CN	Rear fan

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

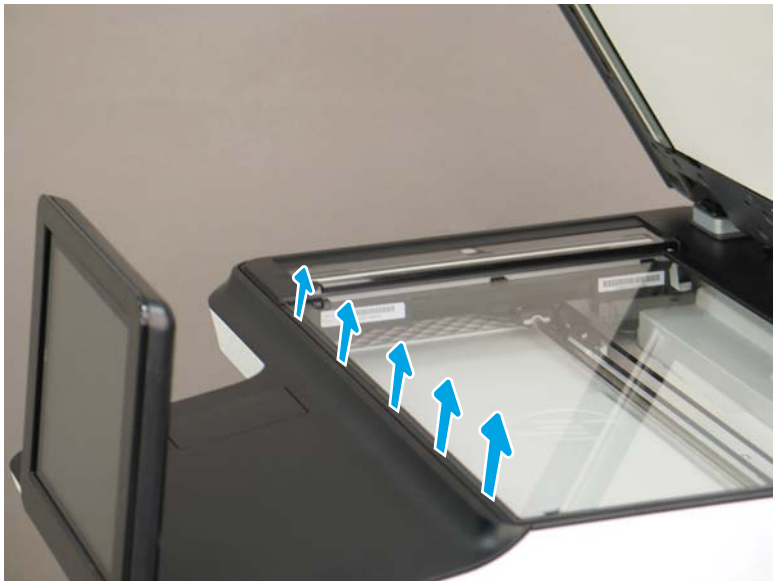
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1417 Tilt the control panel and open the document feeder



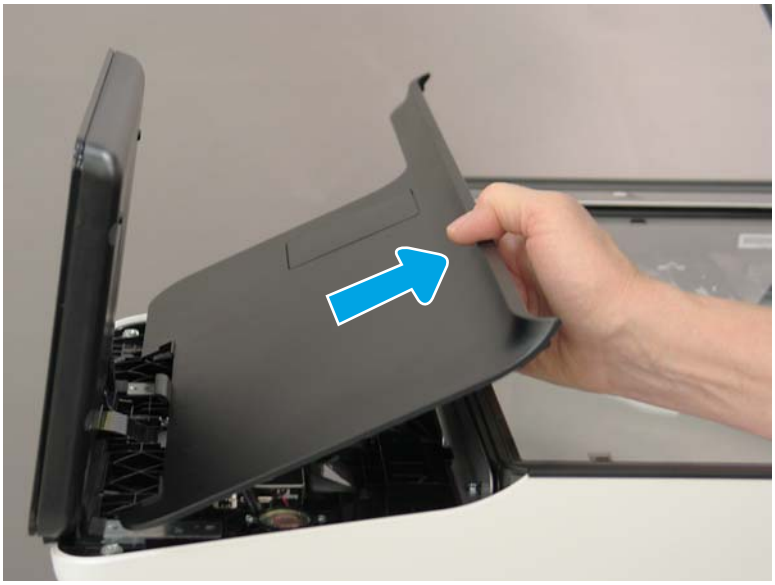
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1418 Release fiv tabs



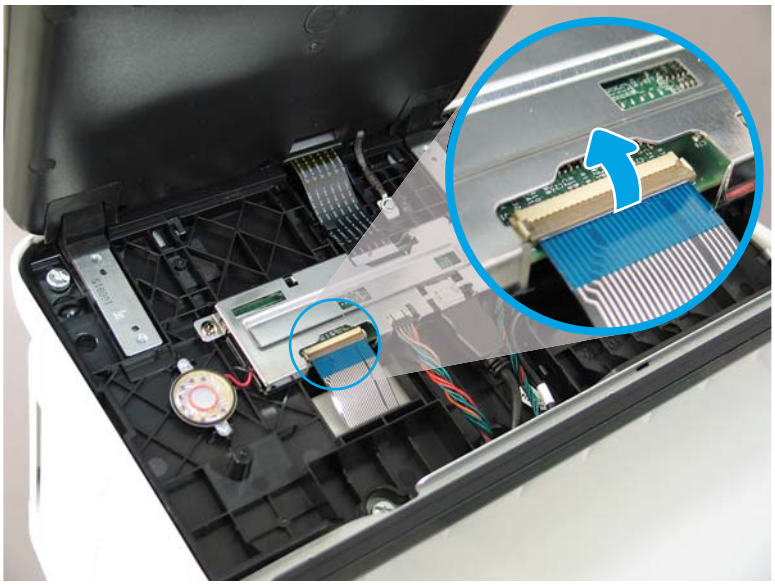
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1419 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1420 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1421 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1422 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1423 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

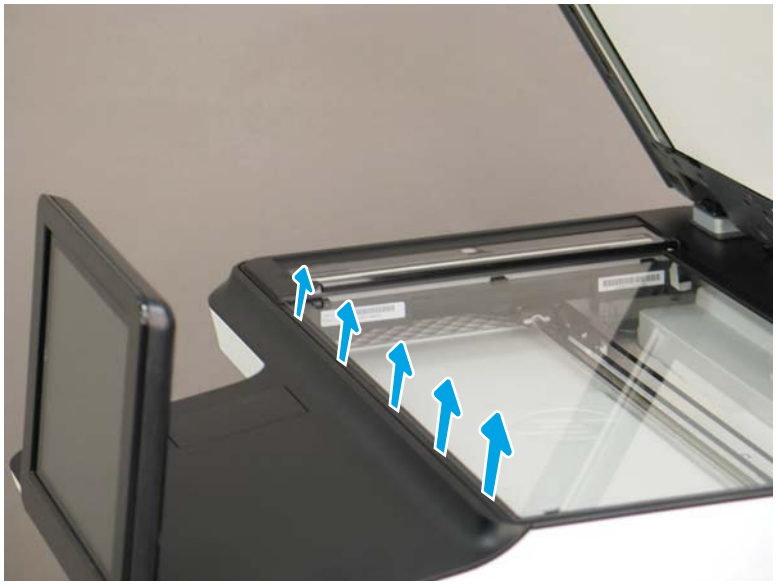
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1424 Tilt the control panel forward and open the document feeder



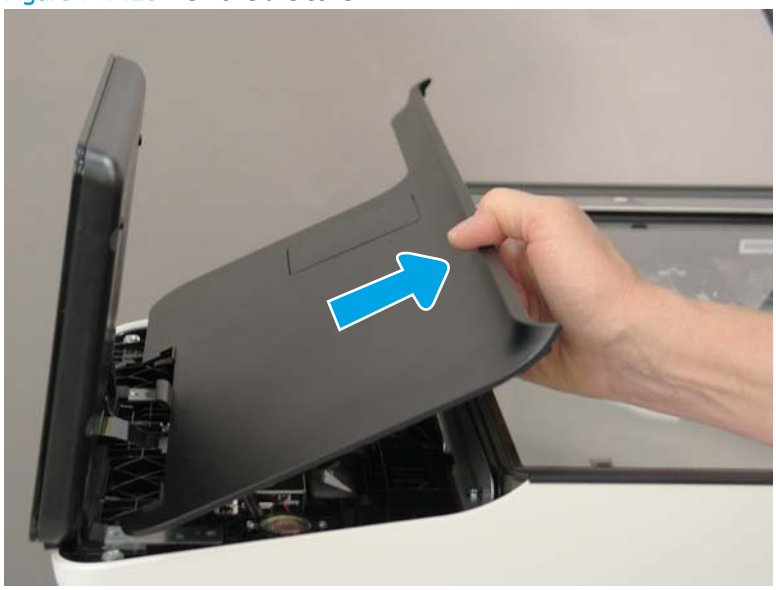
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1425 Release fiv tabs



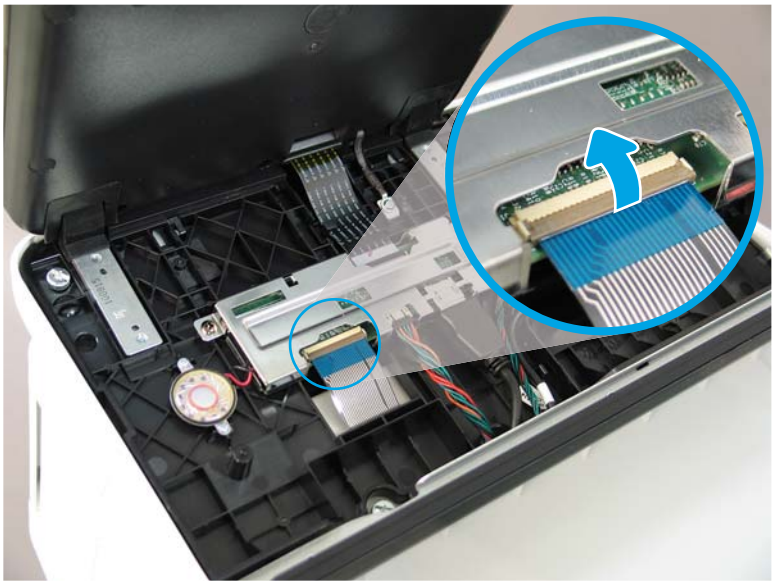
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1426 Remove the cover



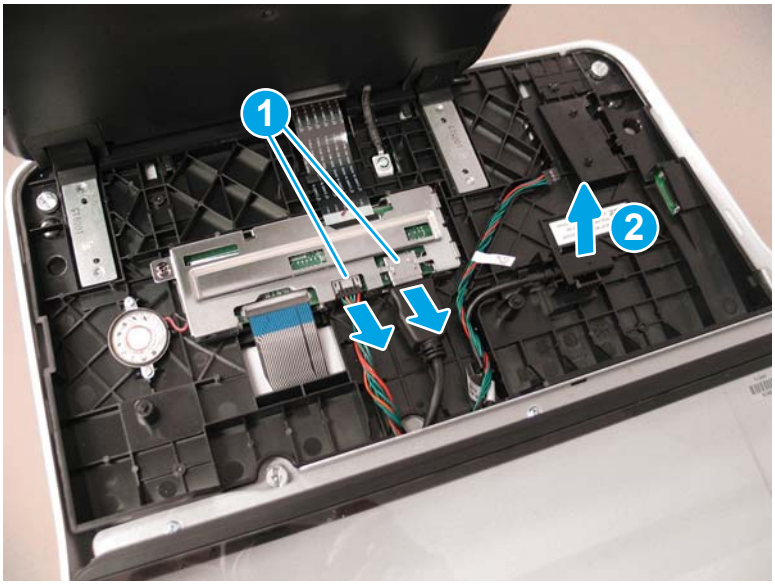
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1427 Disconnect the keyboard fla cable (keyboard models only)



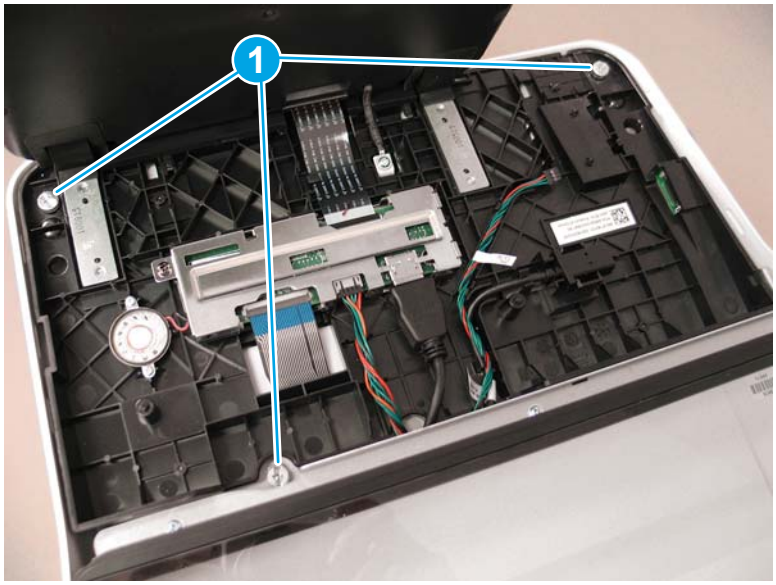
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1428 Disconnect connectors



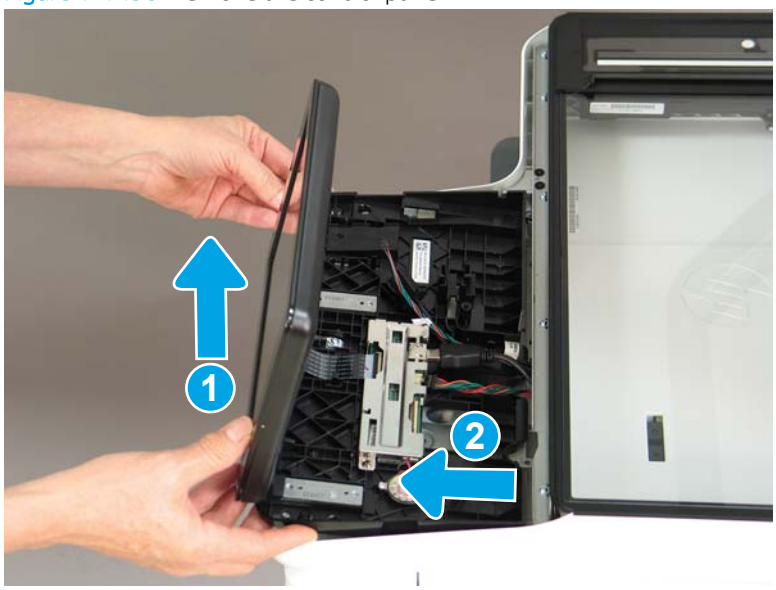
6. Remove three thumbscrews (callout 1).

Figure 1-1429 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1430 Remove the control panel

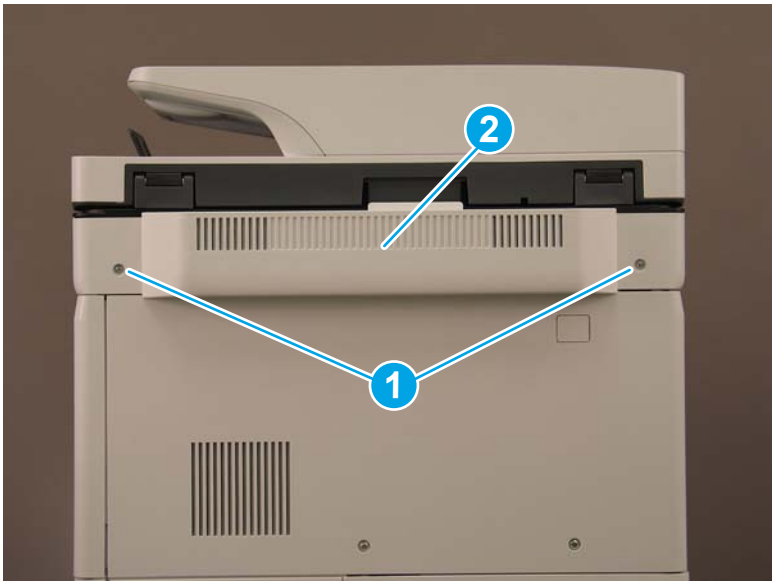


Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

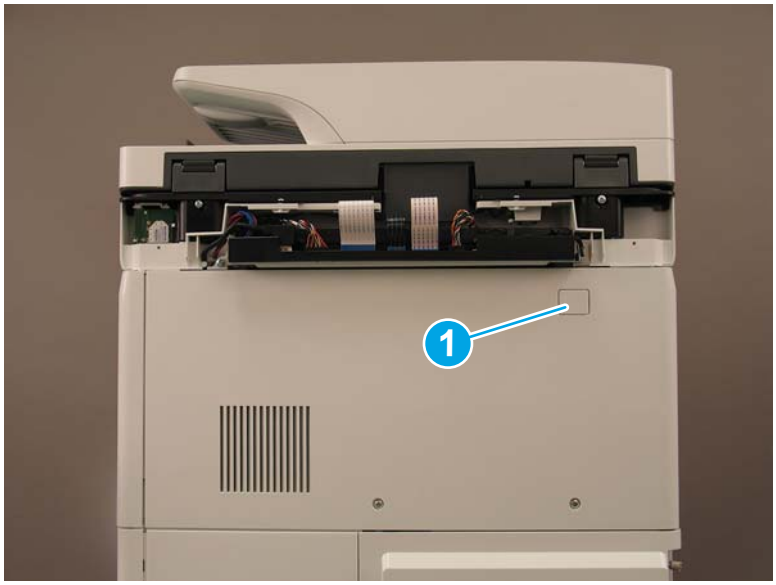
Figure 1-1431 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

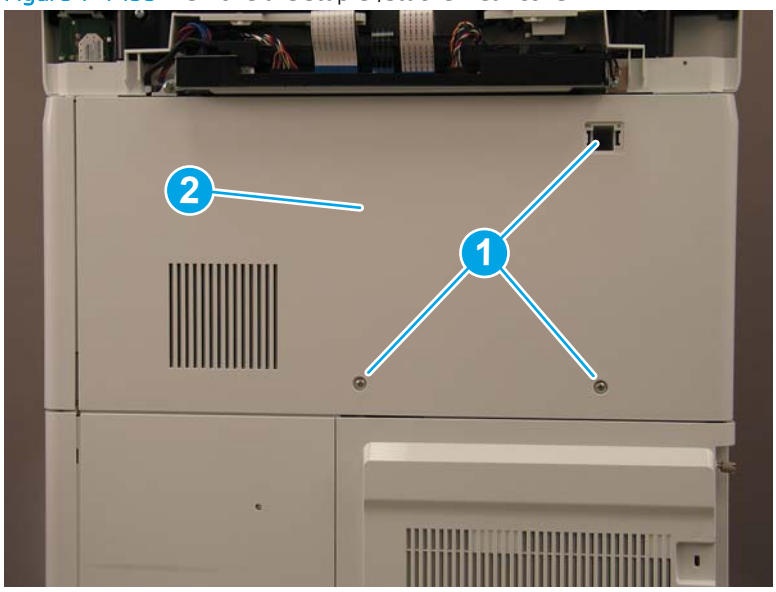
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-1432 Remove the small cover



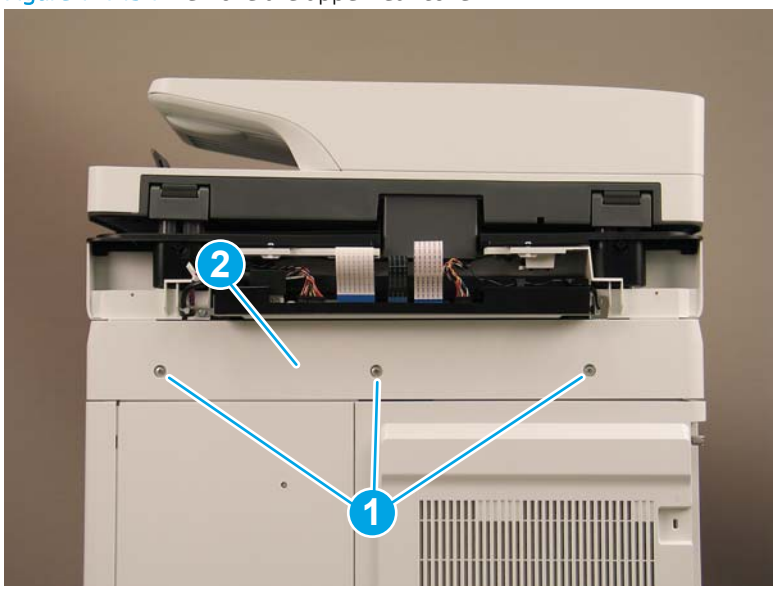
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1433 Remove the stapler/stacker rear cover



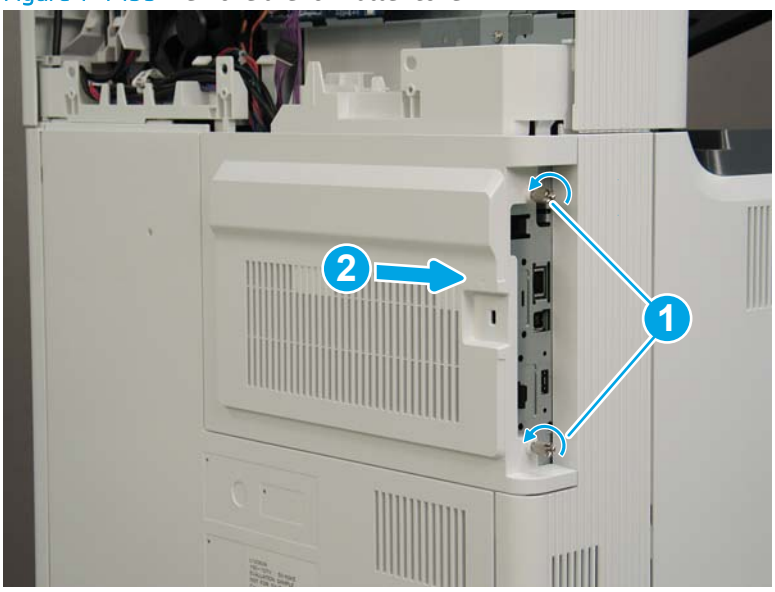
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1434 Remove the upper rear cover



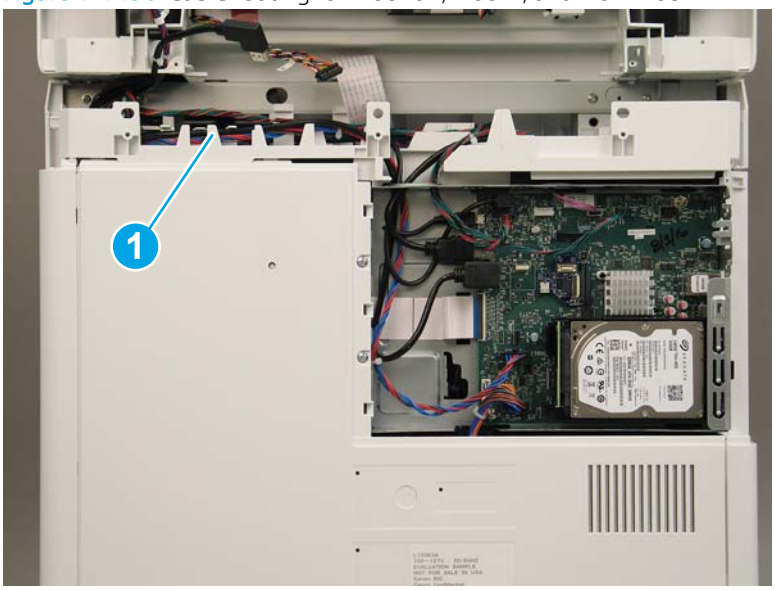
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1435 Remove the formatter cover



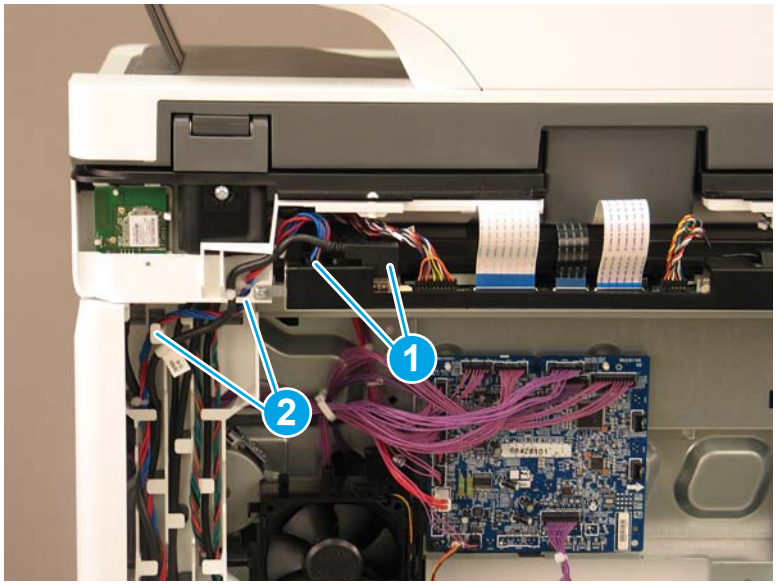
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1436 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1437 Disconnect two connectors



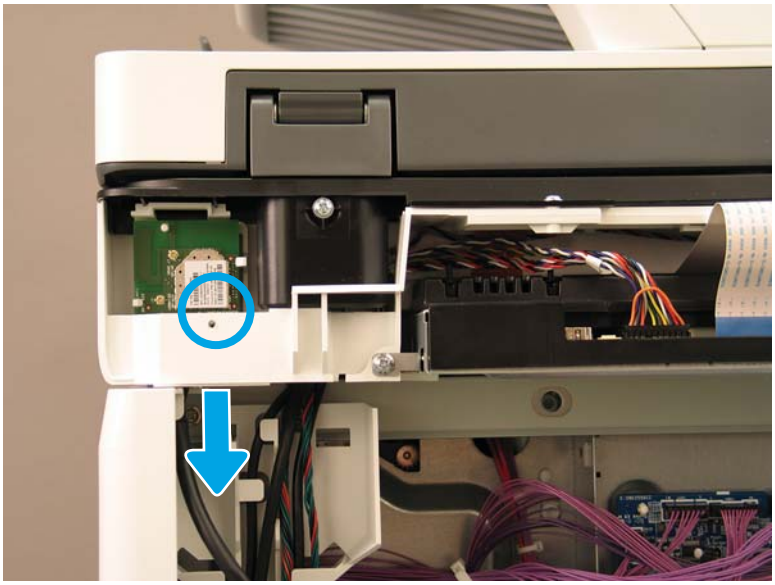
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1438 Disconnect fiv connectors



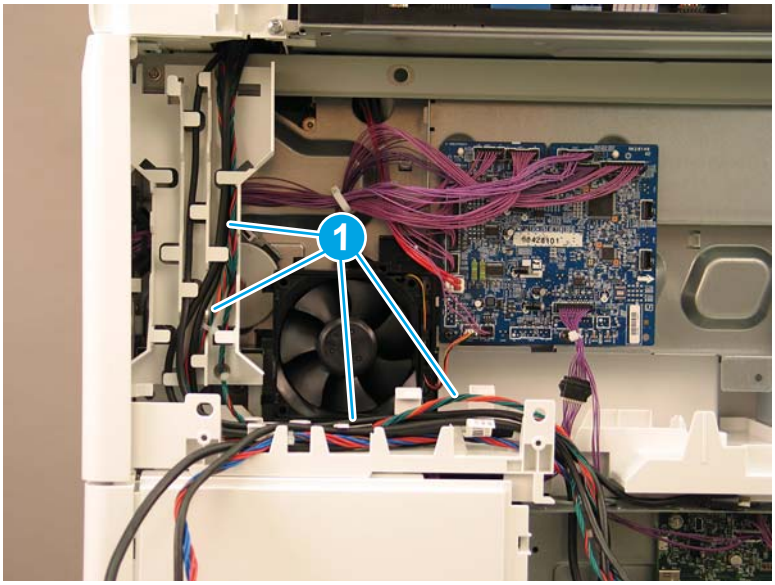
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1439 Disconnect the wireless connector



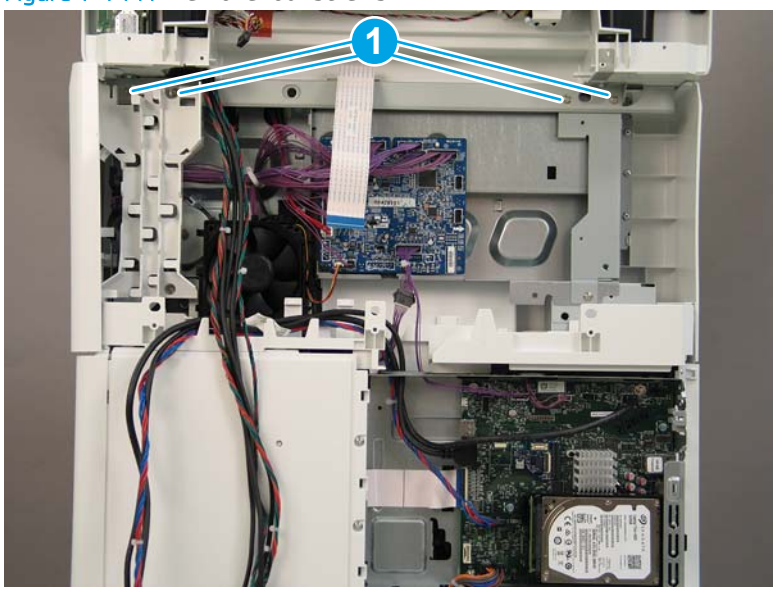
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1440 Release the cables



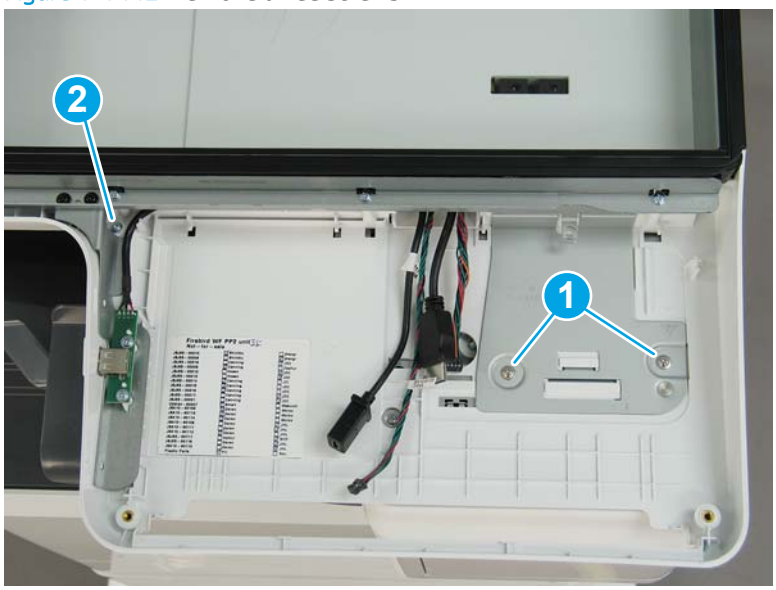
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1441 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1442 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1443 Remove the document feeder and image scanner



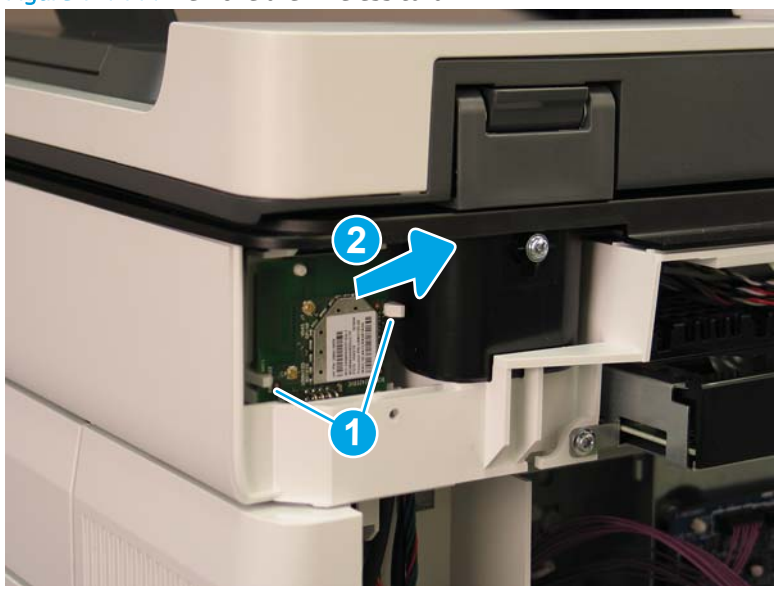
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1444 Remove the wireless card



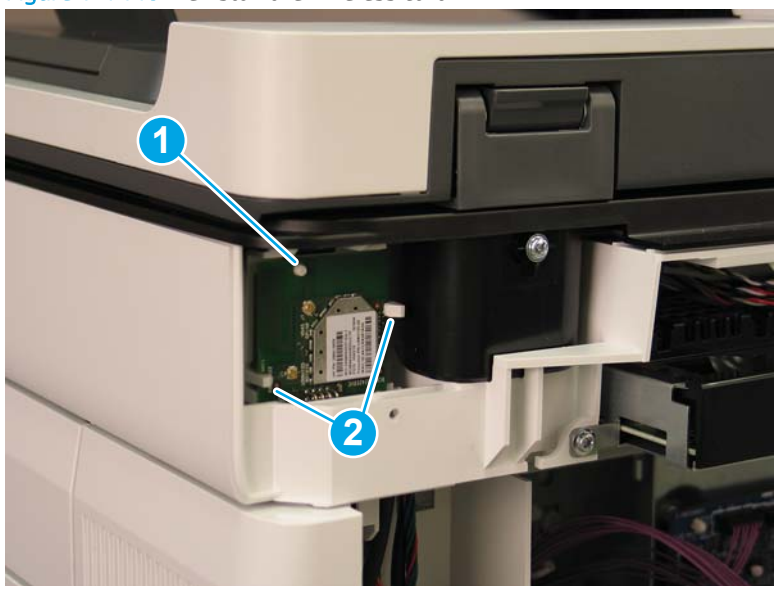
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1445 Connect the wireless card connector



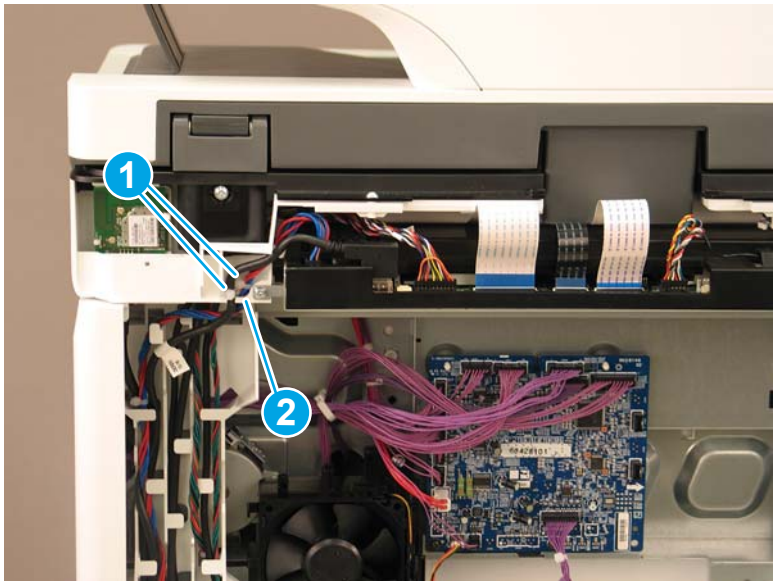
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1446 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1447 Install the SCB cables



Step 4: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

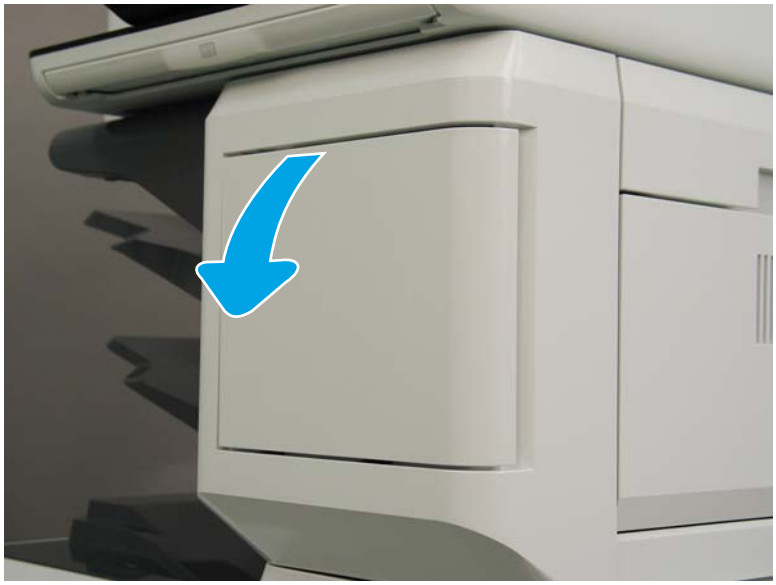
1. Open the front door.

Figure 1-1448 Open the front door



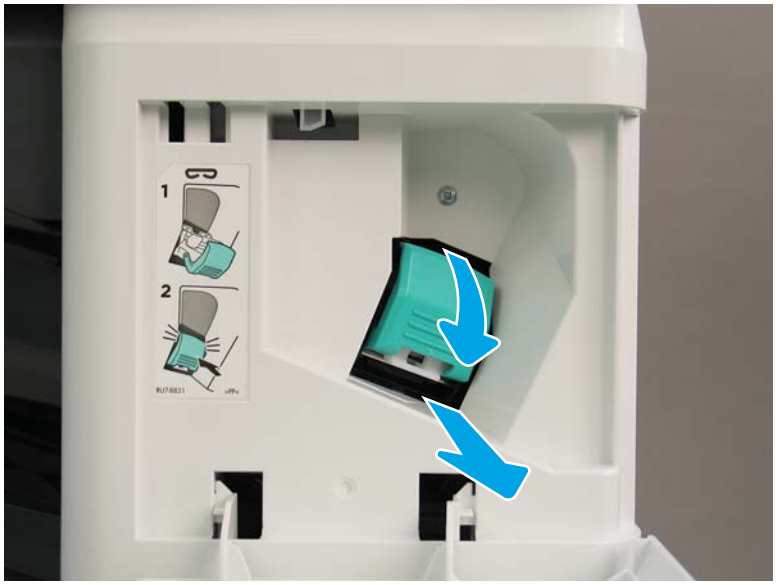
2. Open the stapler door.

Figure 1-1449 Open the stapler door



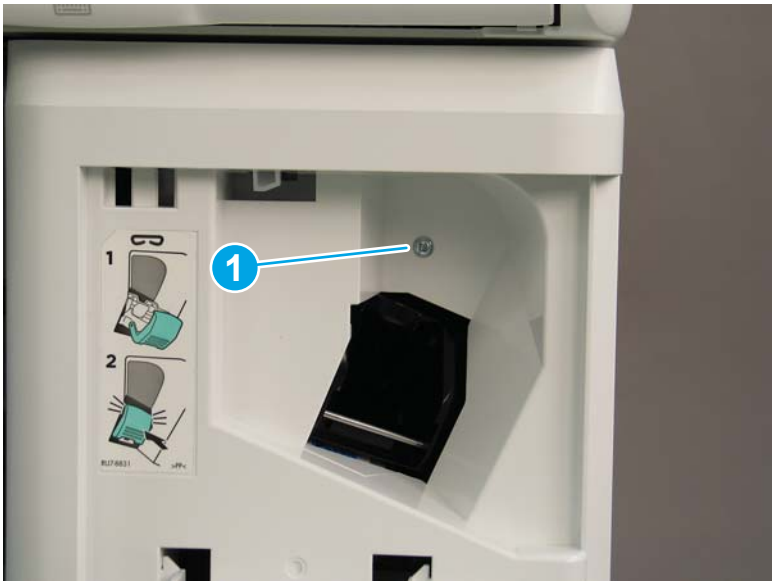
3. Release the latch, and then remove the staple cartridge.

Figure 1-1450 Remove the staple cartridge



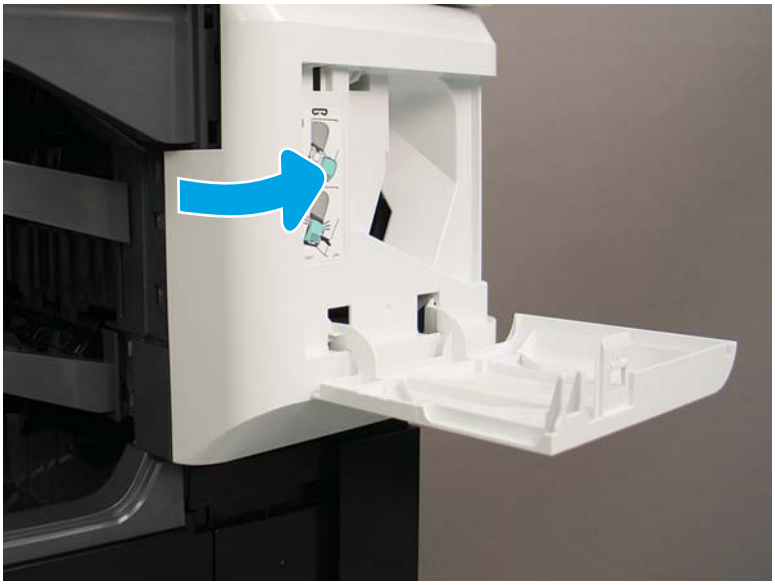
4. Remove one screw (callout 1).

Figure 1-1451 Remove one screw



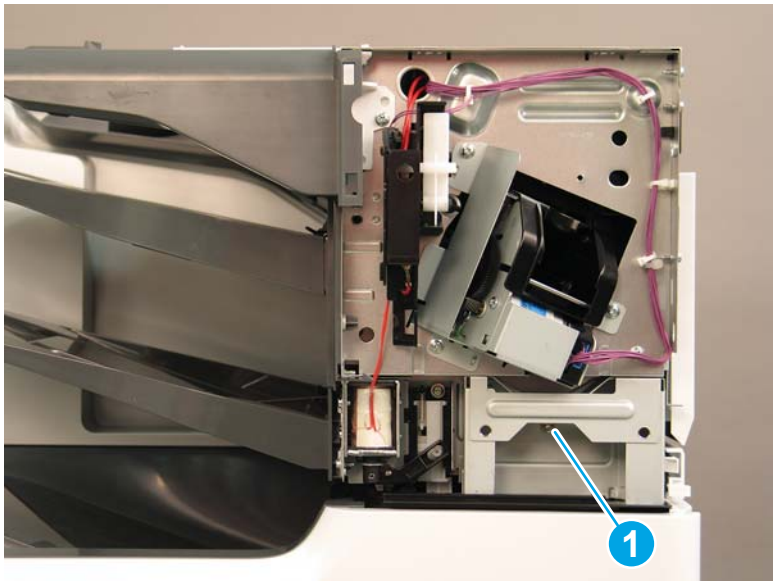
5. Rotate the stapler cover to the right to remove it.

Figure 1-1452 Remove the stapler cover



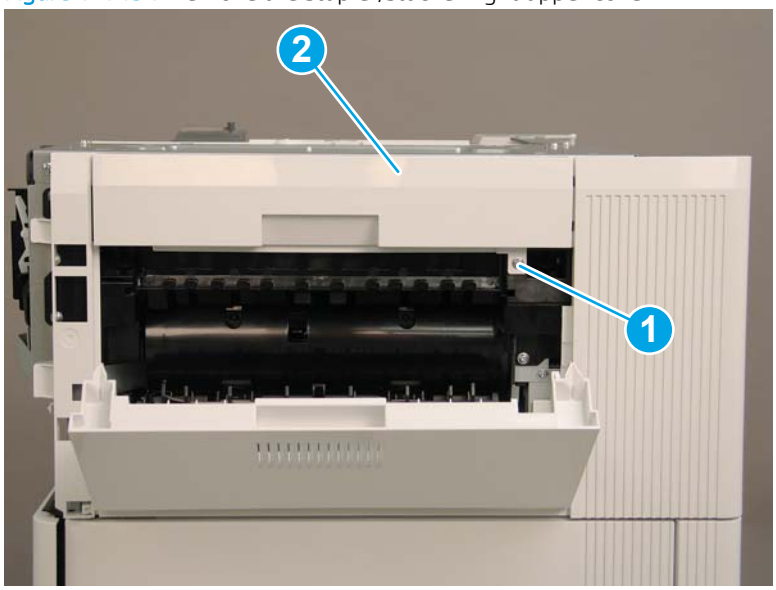
6. Remove one screw (callout 1).

Figure 1-1453 Remove one screw



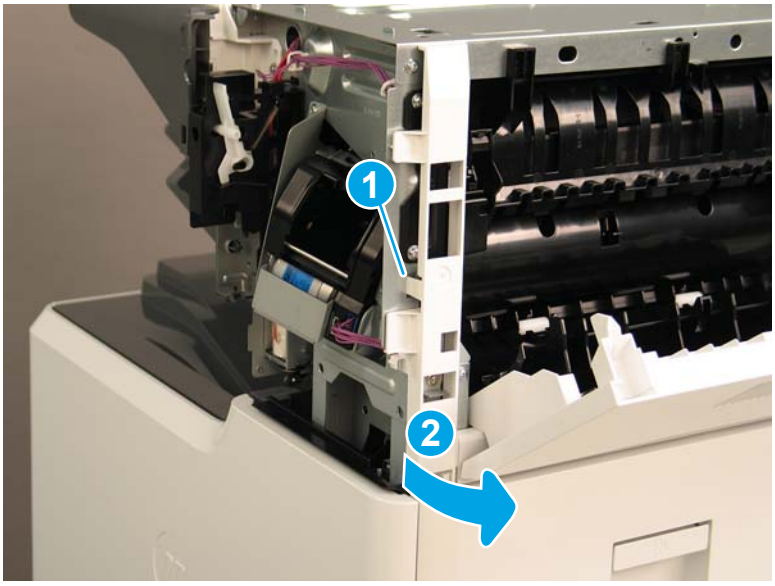
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1454 Remove the stapler/stacker right upper cover



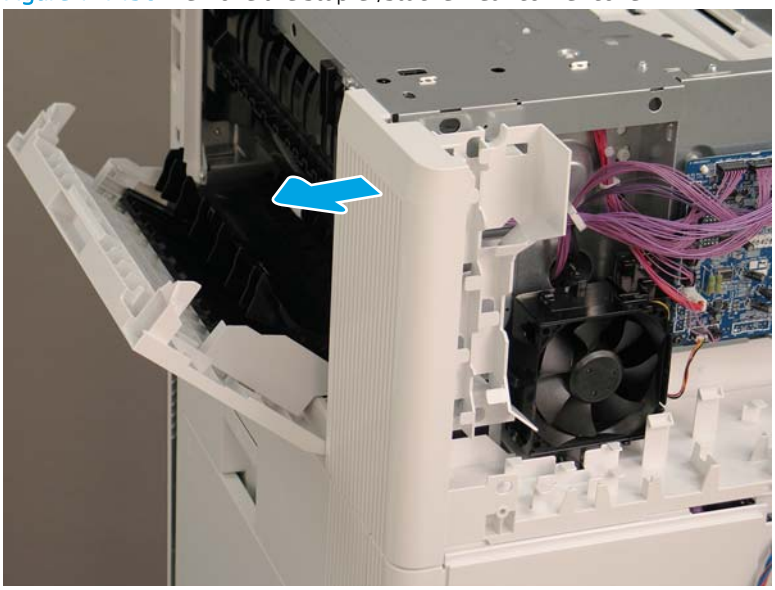
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1455 Remove the stapler rear cover



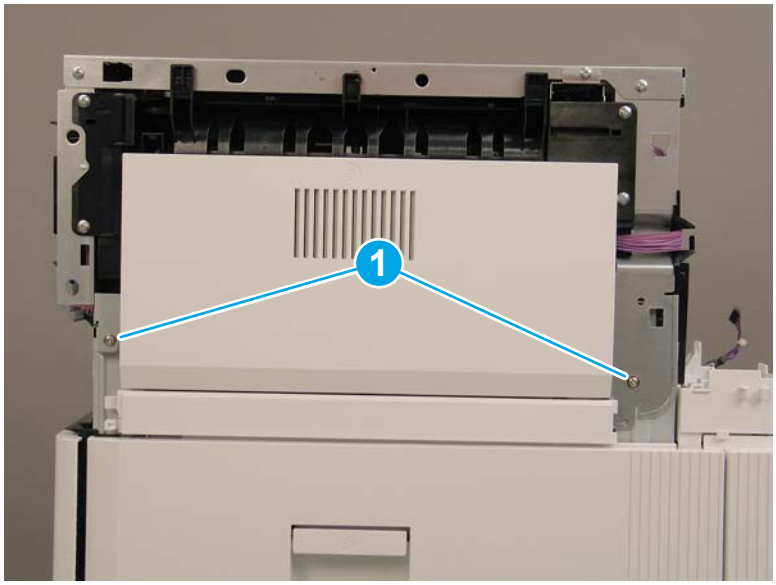
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1456 Remove the stapler/stacker rear corner cover



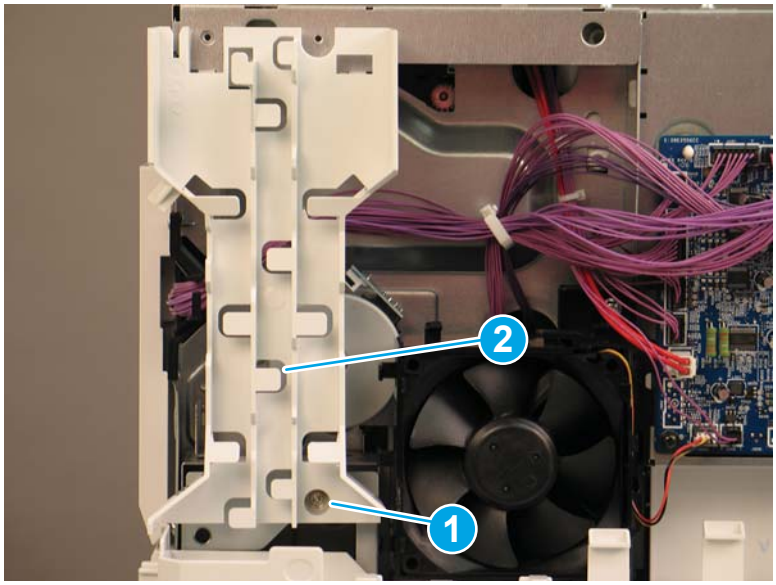
10. Remove two screws (callout 1).

Figure 1-1457 Remove two screws



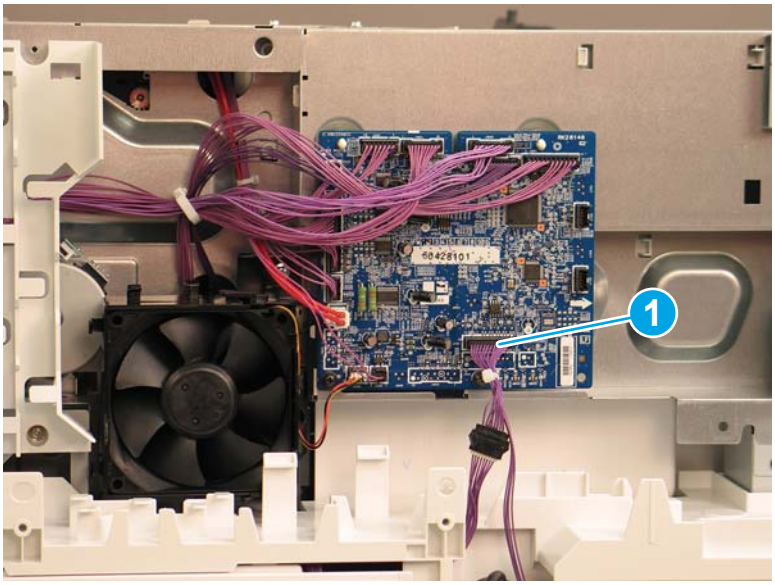
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1458 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

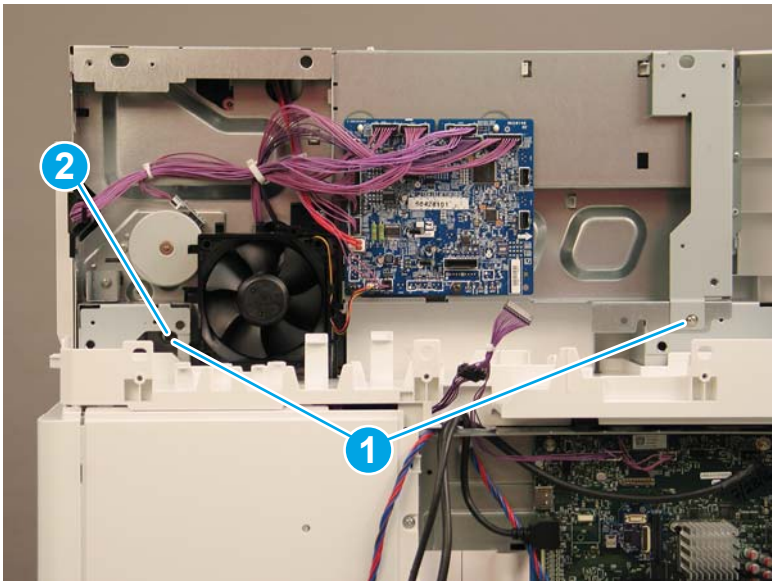
Figure 1-1459 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

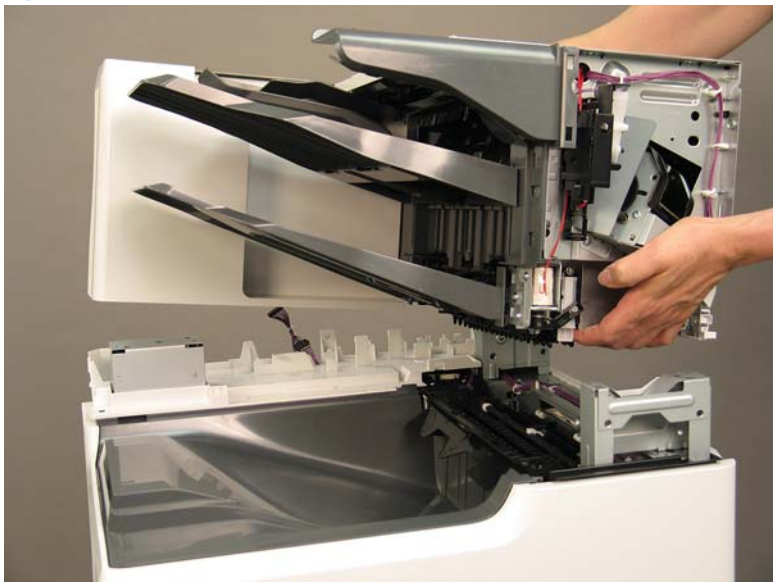
Figure 1-1460 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1461 Remove the stapler/stacker

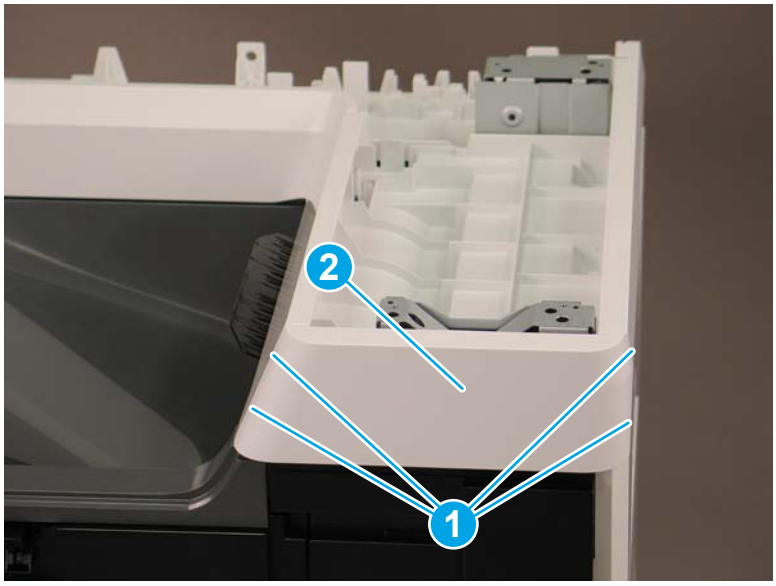


Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1462 Remove the face-down front cover



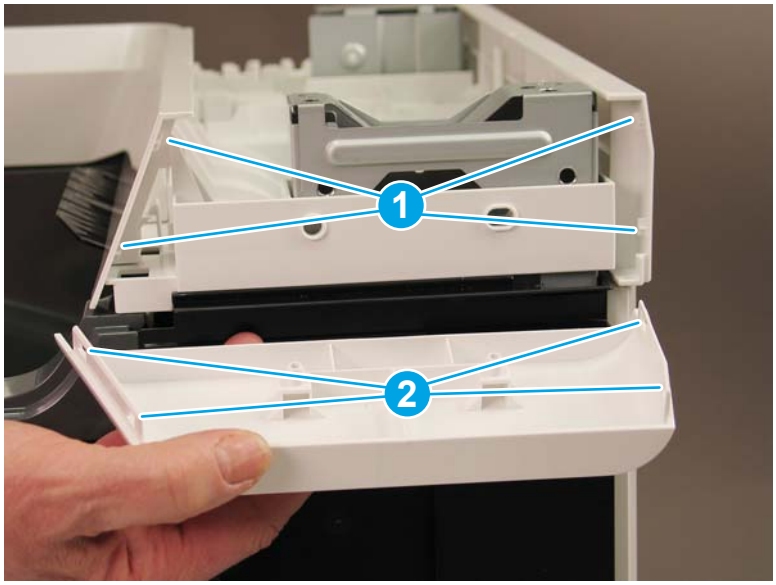
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1463 Install the cover



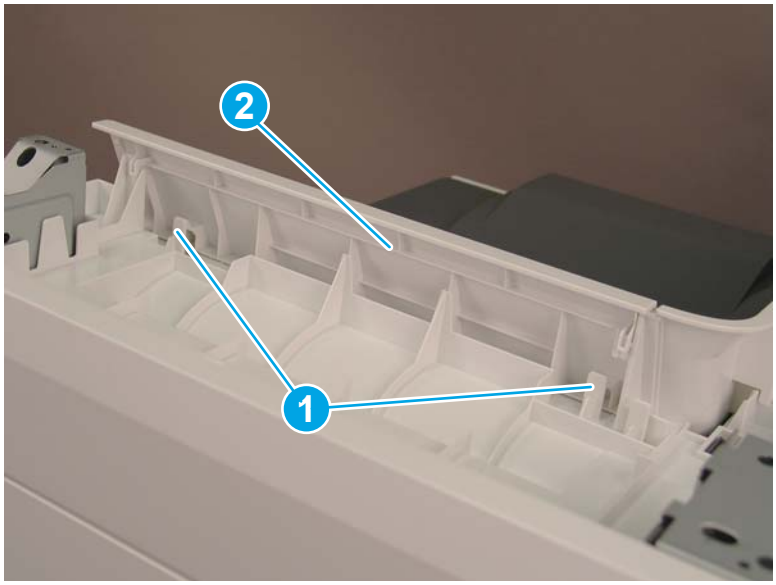
Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1464 Remove the top cover



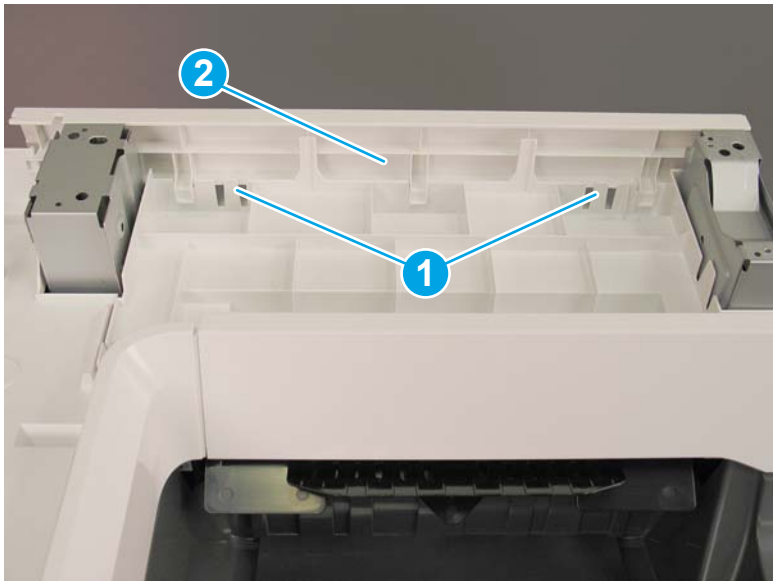
Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1465 Remove the right cover



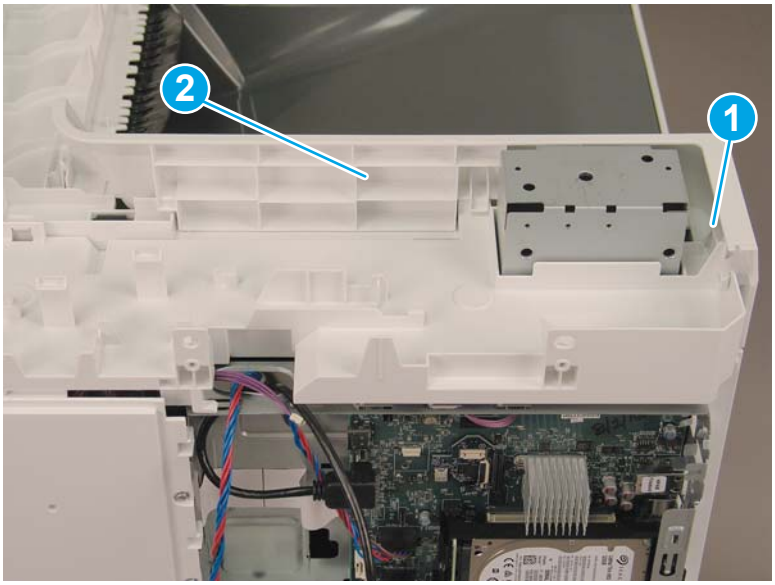
Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1466 Remove the front cover



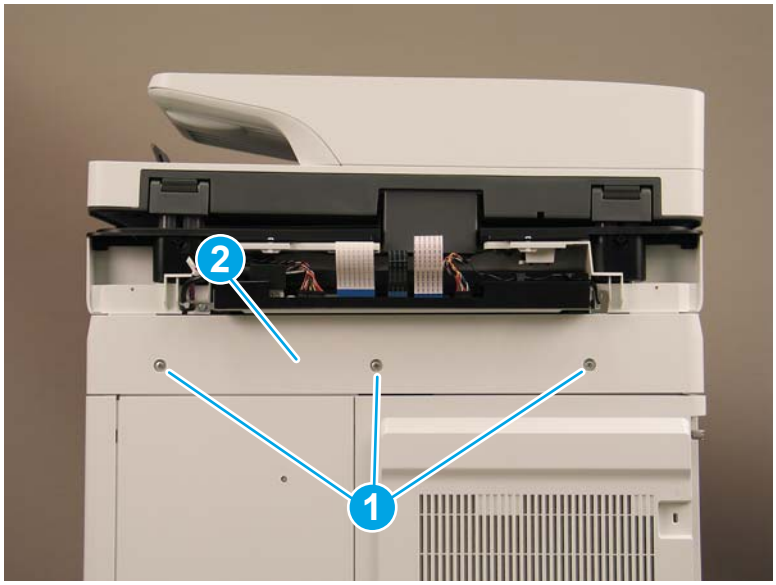
Step 9: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

▲ Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1467 Remove the rear upper cover



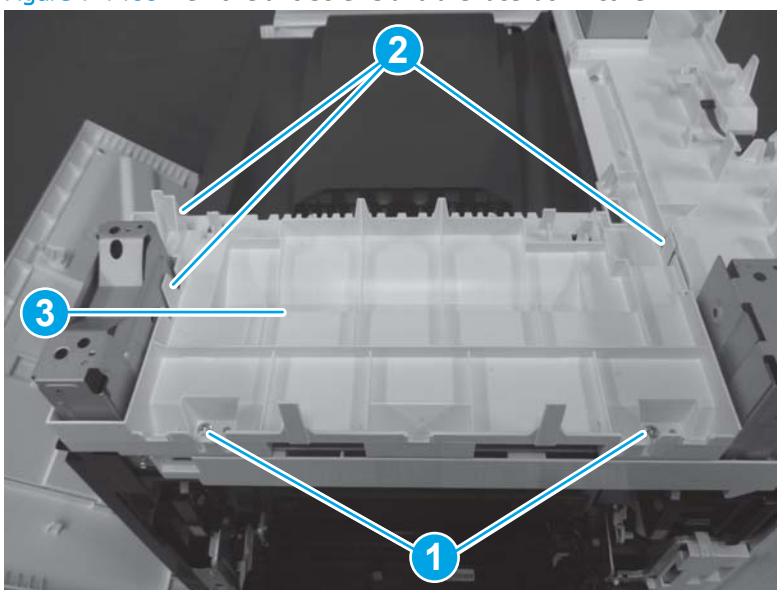
Step 10: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

- Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1468 Remove two screws and the face-down cover

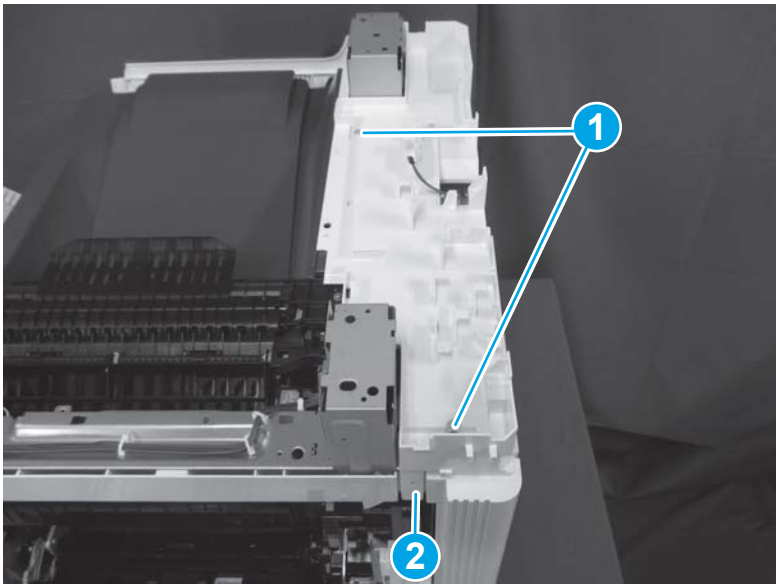


Step 11: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 937

1. Remove two screws (callout 1), and then release one tab (callout 2).

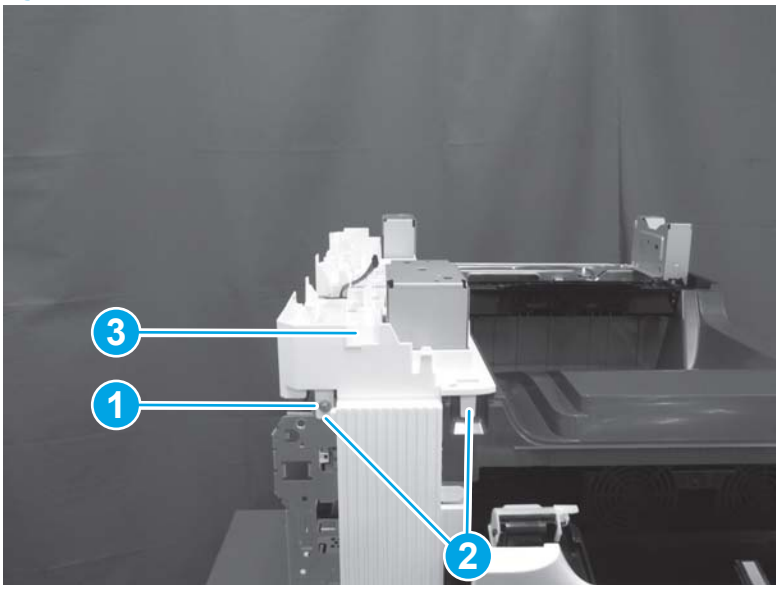
Figure 1-1469 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1470 Remove one screw and the main cover



Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 14: Remove the output bin on page 941

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1471 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1472 Remove the cover



3. Remove one thumbscrew (callout 1)

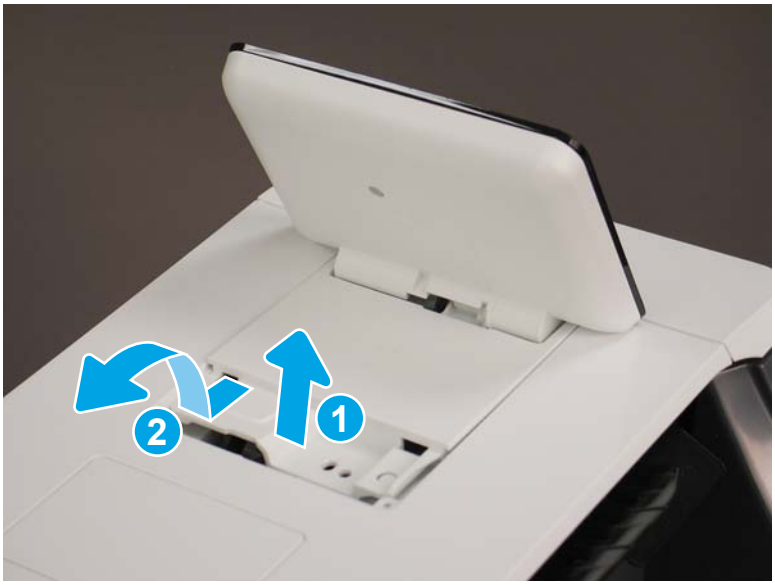
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1473 Remove one thumbscrew



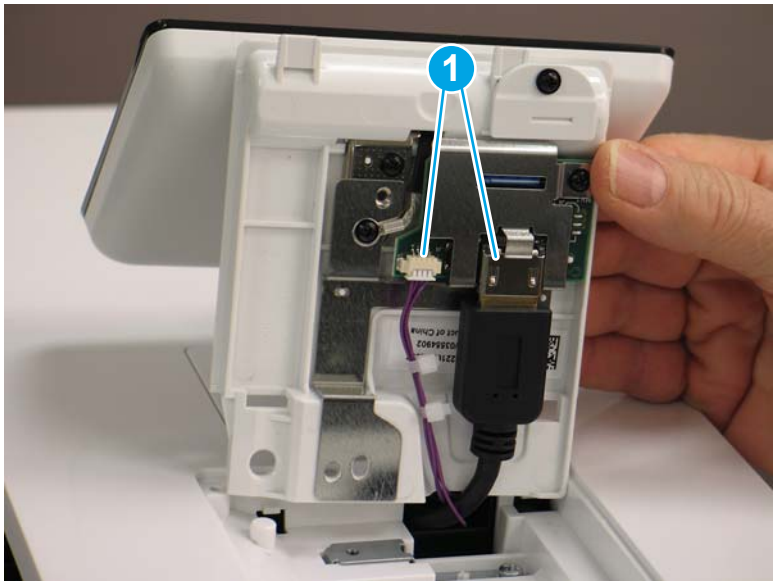
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1474 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1475 Disconnect two connectors



6. Remove the control panel.

Figure 1-1476 Remove the control panel



Step 13: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

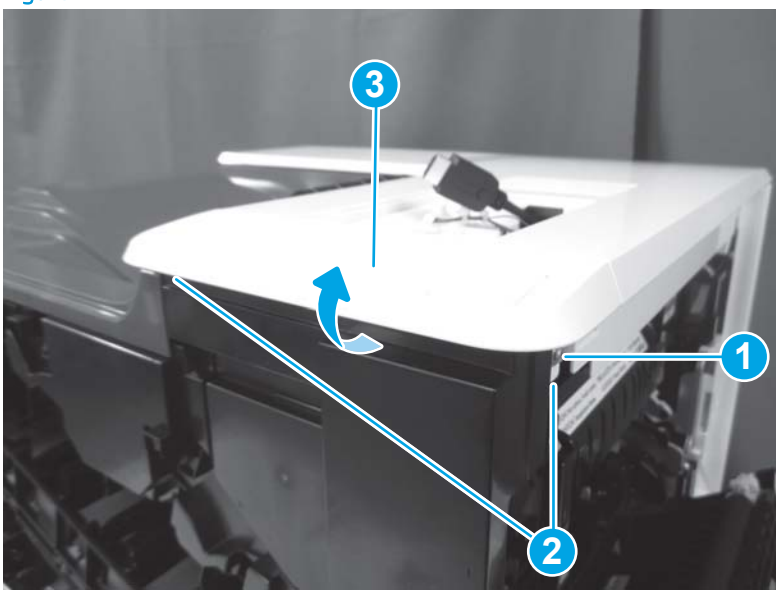
NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 14: Remove the output bin on page 941

1. Open the following doors:

- Front door
- Left door
- Right door

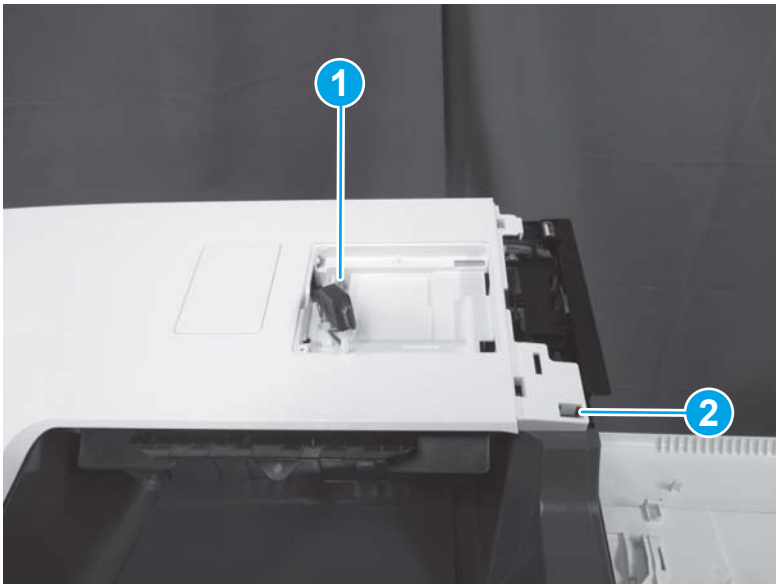
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1477 Remove the NFC cover



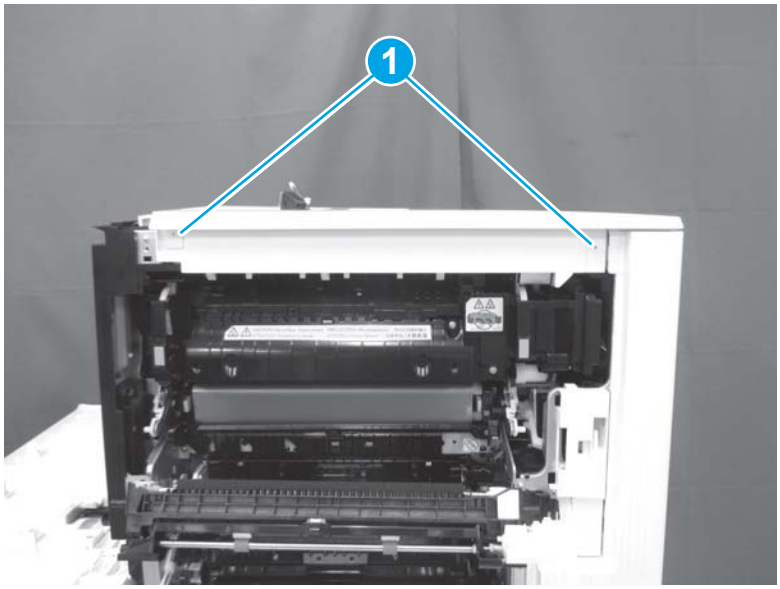
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1478 Remove one screw and release one tab



4. Release two tabs (callout 1).

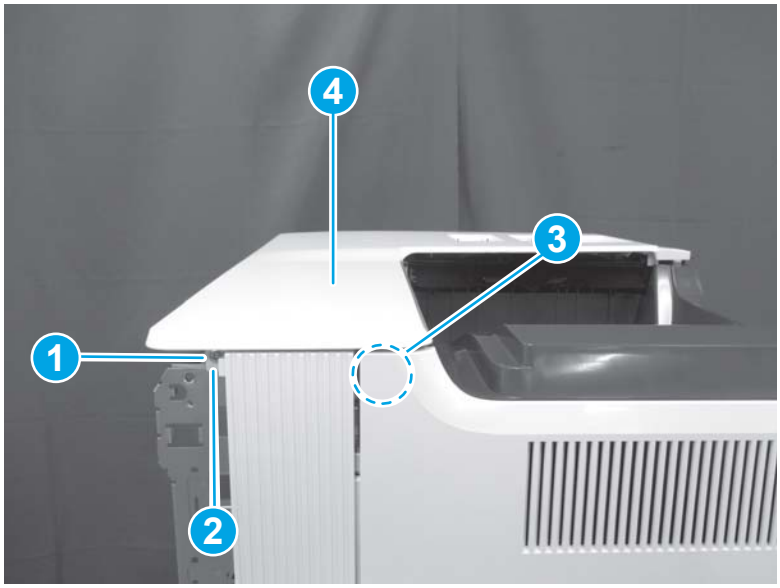
Figure 1-1479 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1480 Remove the top cover



Step 14: Remove the output bin

1. Open the following doors:

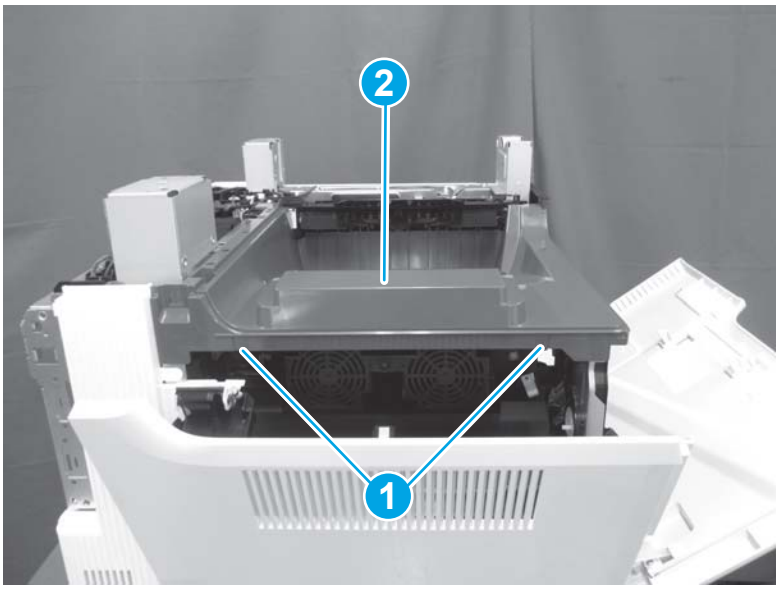
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1481 Remove the output bin

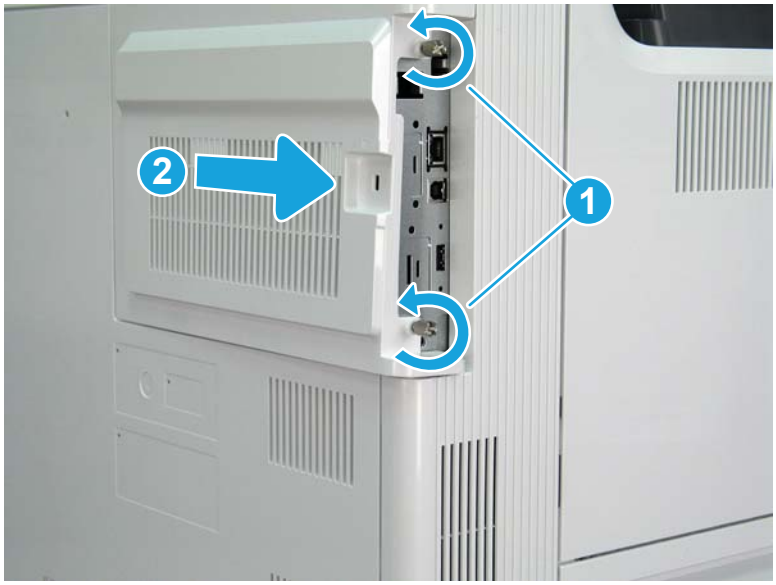


Step 15: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

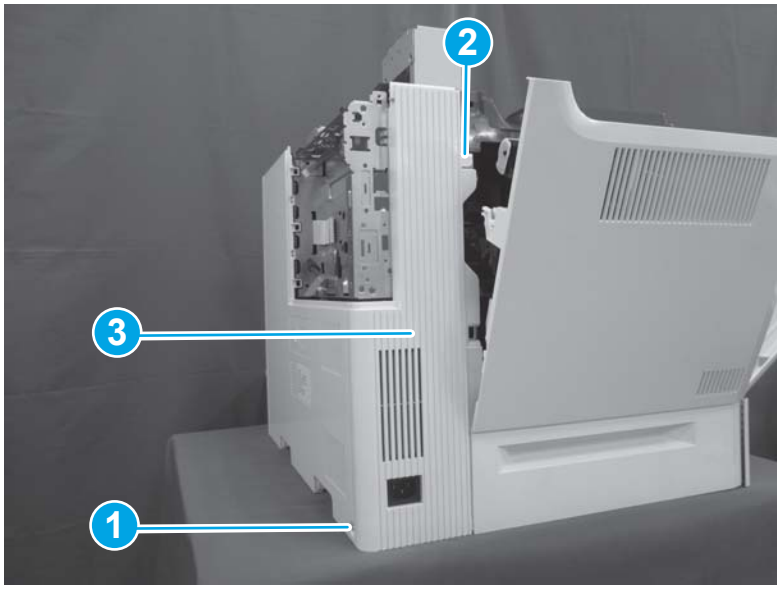
Figure 1-1482 Remove the formatter cover



Step 16: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1483 Remove the left rear cover



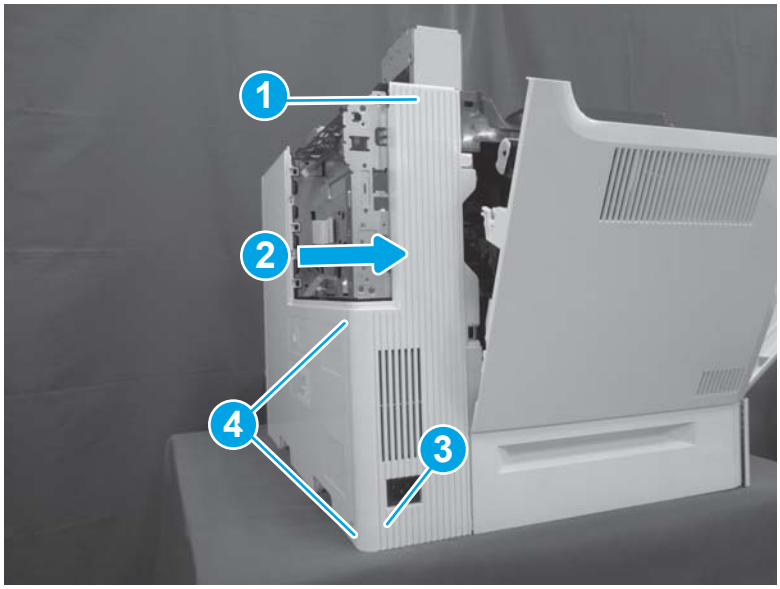
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1484 Install the left rear cover

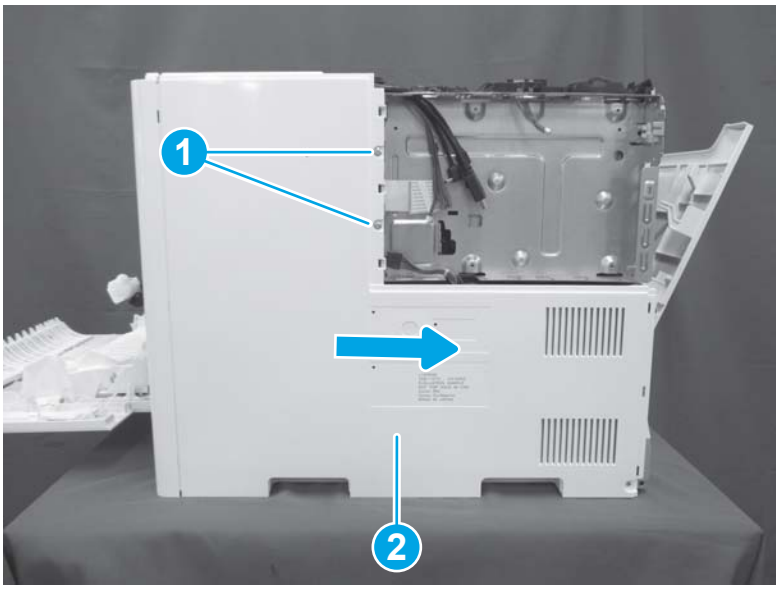


Step 17: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1485 Remove two screws and the rear cover



Step 18: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 945

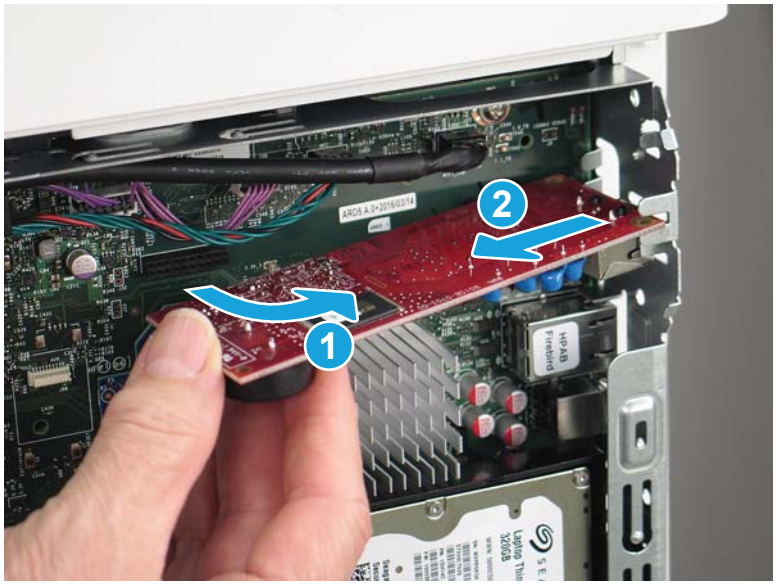
1. Locate the fax PCA on the formatter.

Figure 1-1486 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

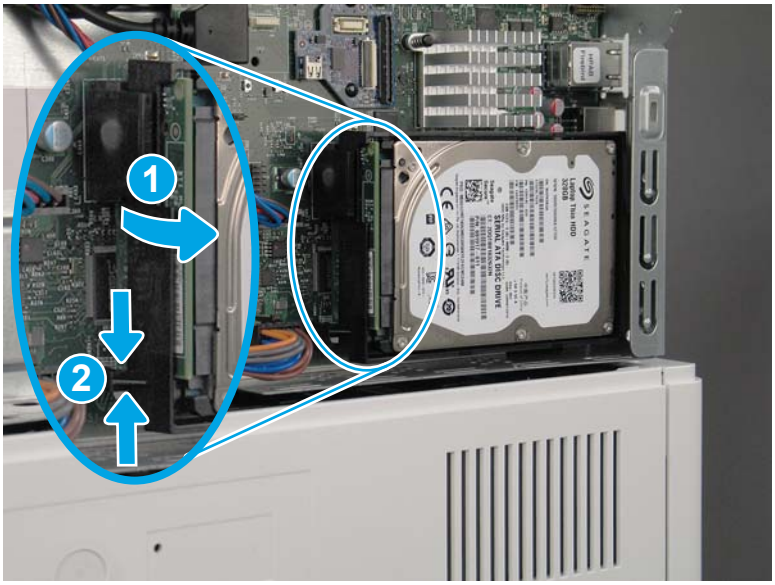
Figure 1-1487 Remove the fax PCA



Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

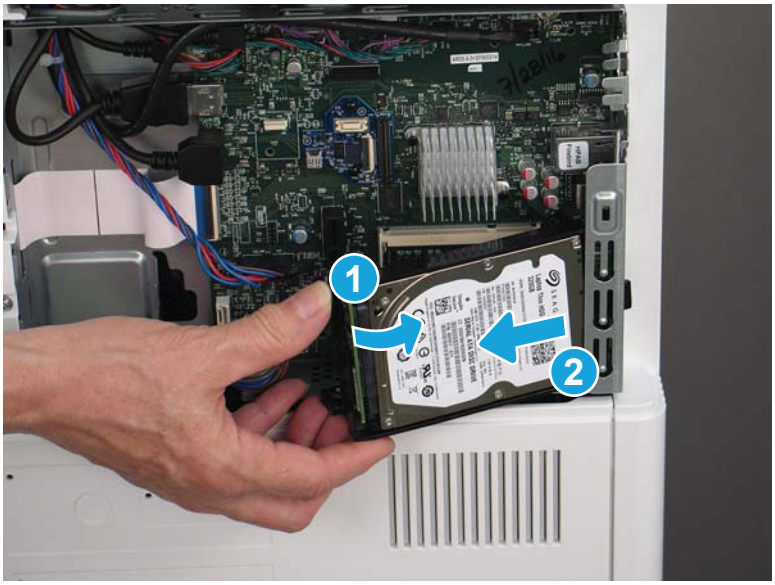
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1488 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1489 Remove the HDD



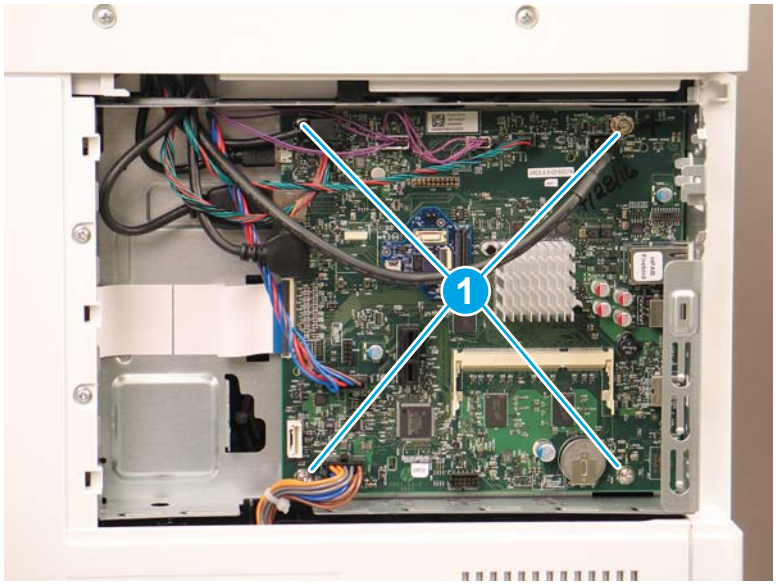
Step 20: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1490 Remove the formatter

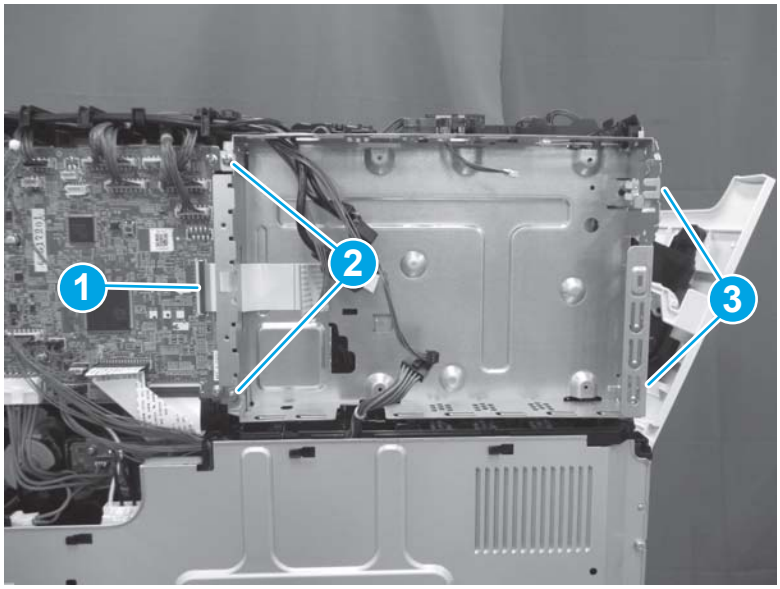


Step 21: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

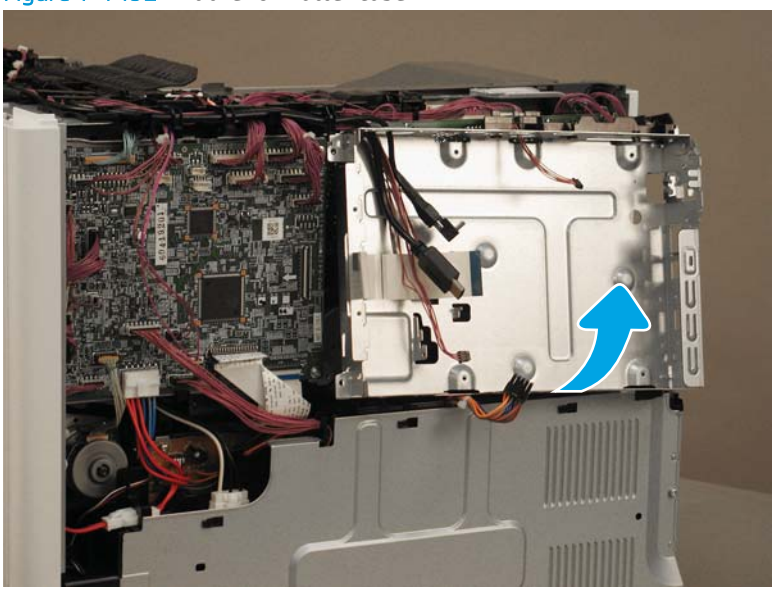
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1491 Disconnect one connector and remove four screws



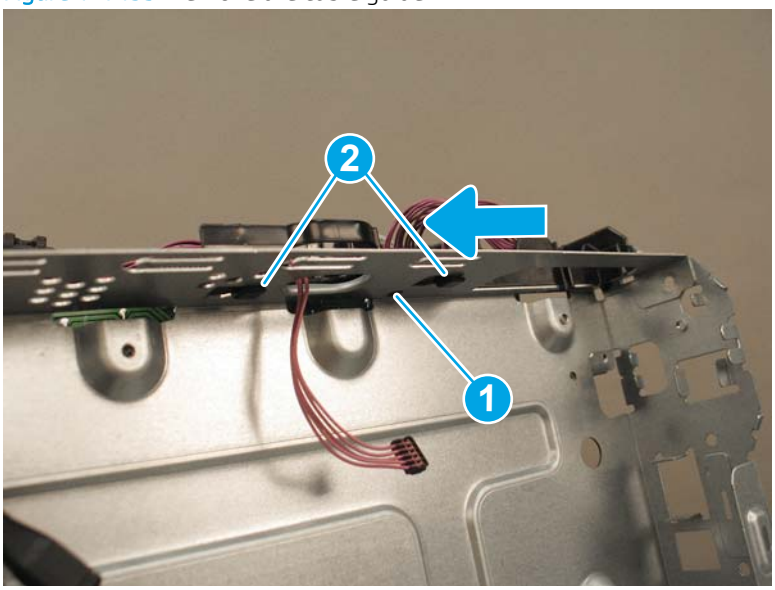
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1492 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1493 Remove the cable guide



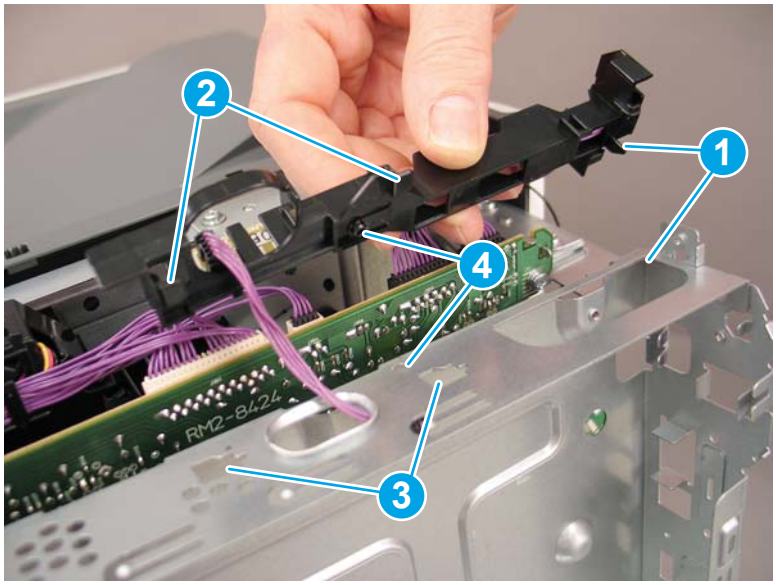
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

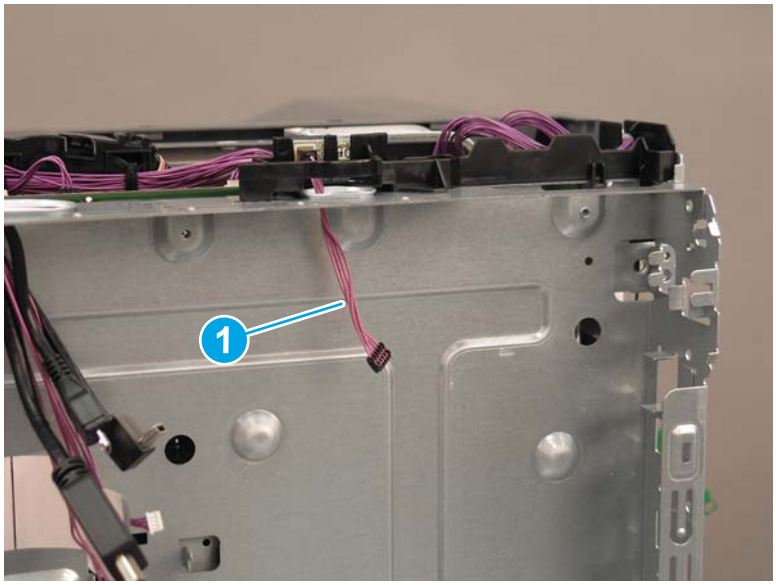
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1494 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

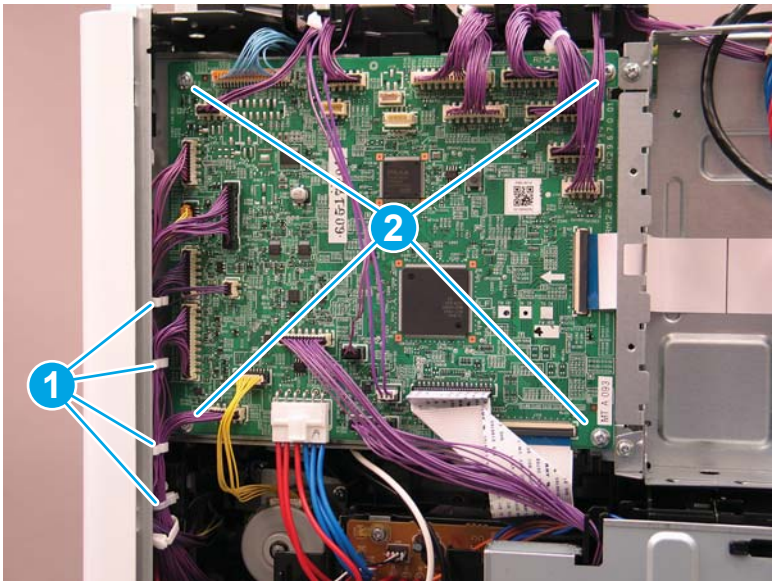
Figure 1-1495 Check the IOD cable



Step 22: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1496 Remove the DC controller PCA



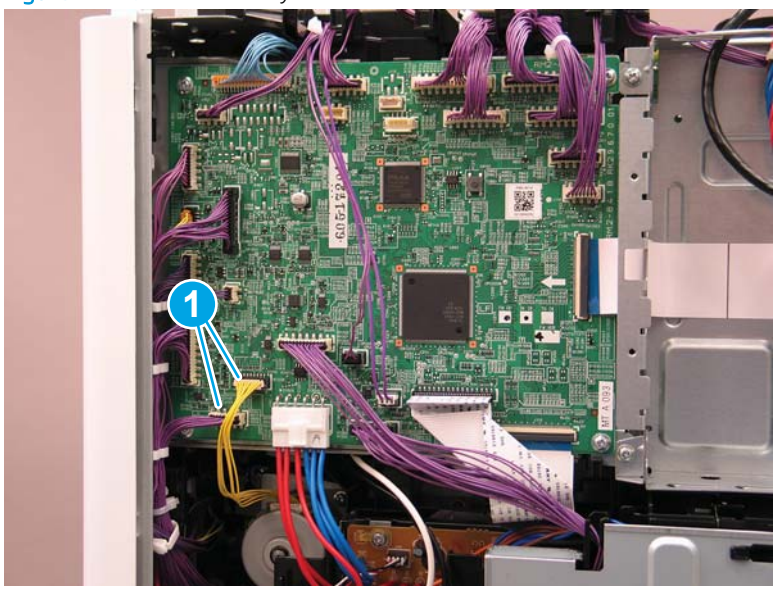
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

- Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

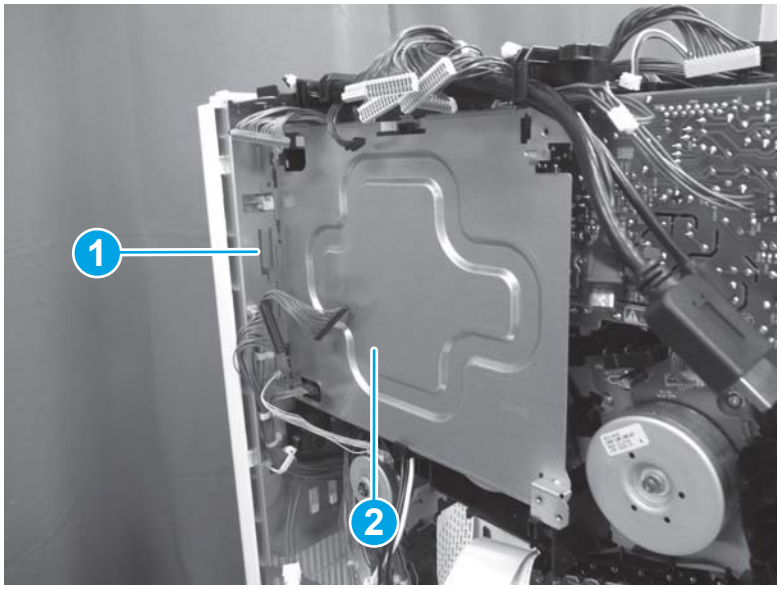
Figure 1-1497 Check the yellow cable



Step 23: Remove the DC controller stay

- Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

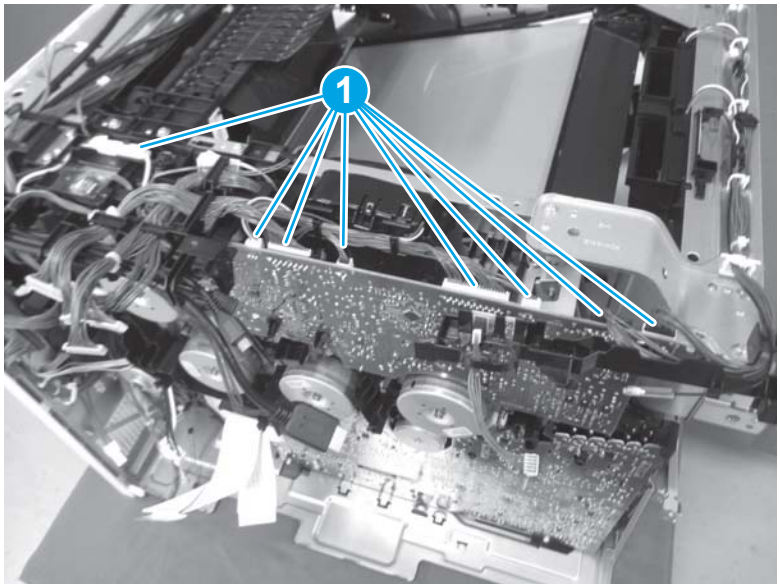
Figure 1-1498 Remove the DC controller stay



Step 24: Remove the upper high-voltage power supply (HVPS)

1. Disconnect eight connectors (callout 1).

Figure 1-1499 Disconnect eight connectors

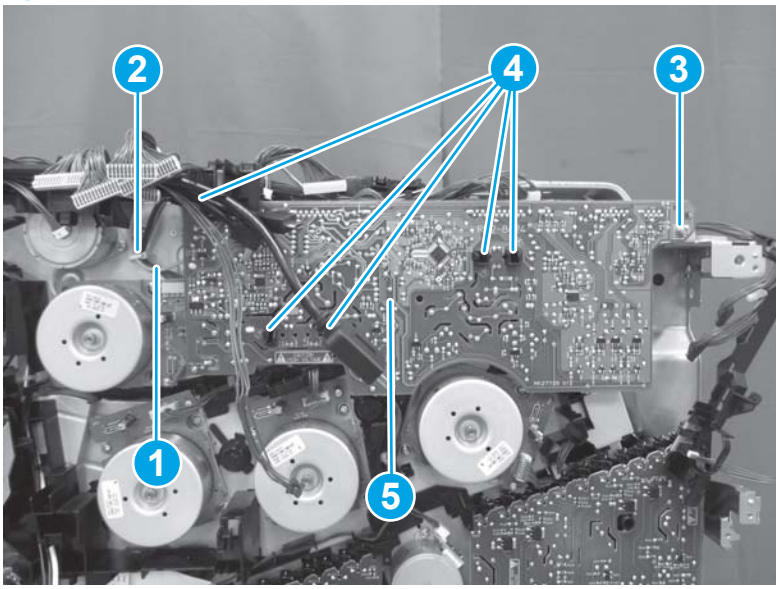


2. Release the cable (callout 1) from the retainer (callout 2). Remove one screw (callout 3), release fiv tabs (callout 4), and then remove the upper HVPS (callout 5).

Reinstallation tip: The screw (callout 3) is a grounding screw with a washer attached. Make sure that this screw and washer are installed in the correct position.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1500 Remove the upper HVPS

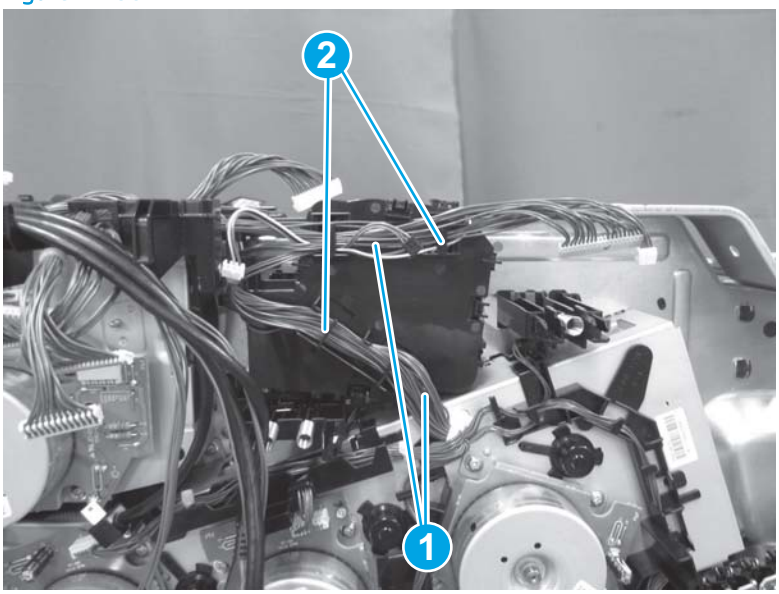


Step 25: Remove the rear fan

1. Release the cable (callout 1) from the cable guide (callout 2).

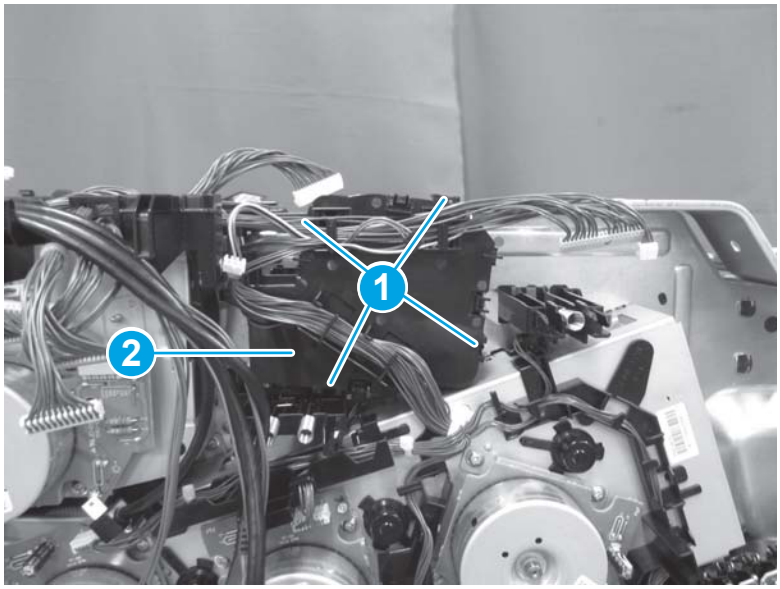
Reinstallation tip: Carefully note the routing of the cables so they routed correctly when the fan is installed.

Figure 1-1501 Release the cable



2. Release four retention points (callout 1), and then remove the fan cover (callout 2).

Figure 1-1502 Remove the fan cover

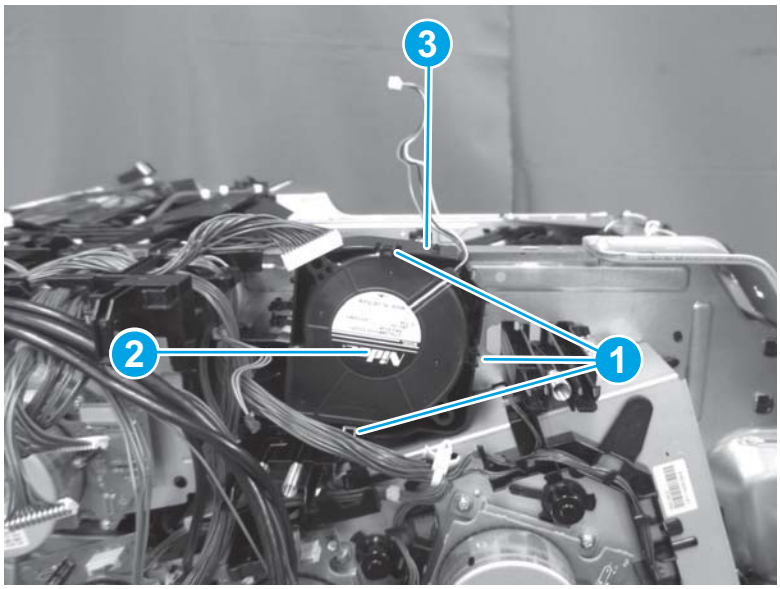


3. Release three tabs (callout 1), and then remove the rear fan (callout 2) from the fan holder (callout 3).

TIP: Easily remove the fan by pressing outward from inside the printer through a crescent-shaped opening in the sheet metal.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1503 Remove the rear fan



Step 26: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lifter drive assembly

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the low-voltage power supply (LVPS) and fan
- Step 5: Remove the lower high-voltage power supply
- Step 6: Remove the lifter drive assembly
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lifter drive assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lifter drive assembly part number	
RM2-6669-000CN	Lifter drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

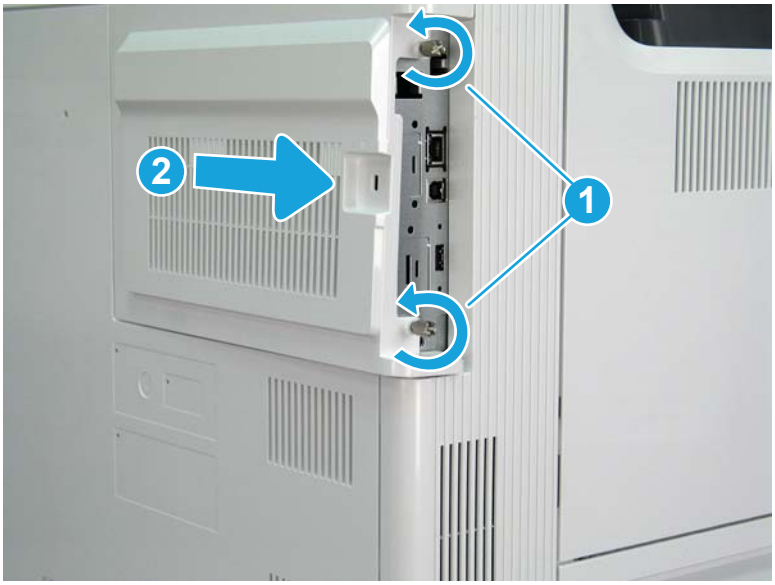
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

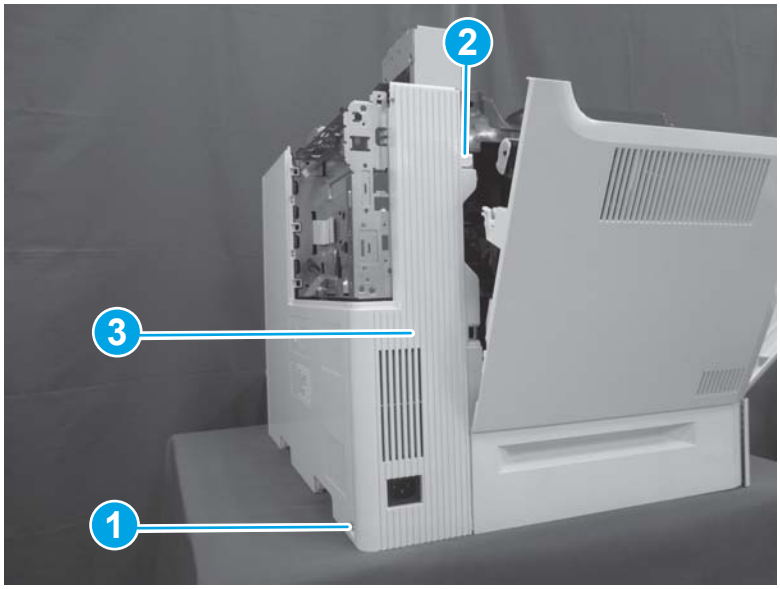
Figure 1-1504 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1505 Remove the left rear cover



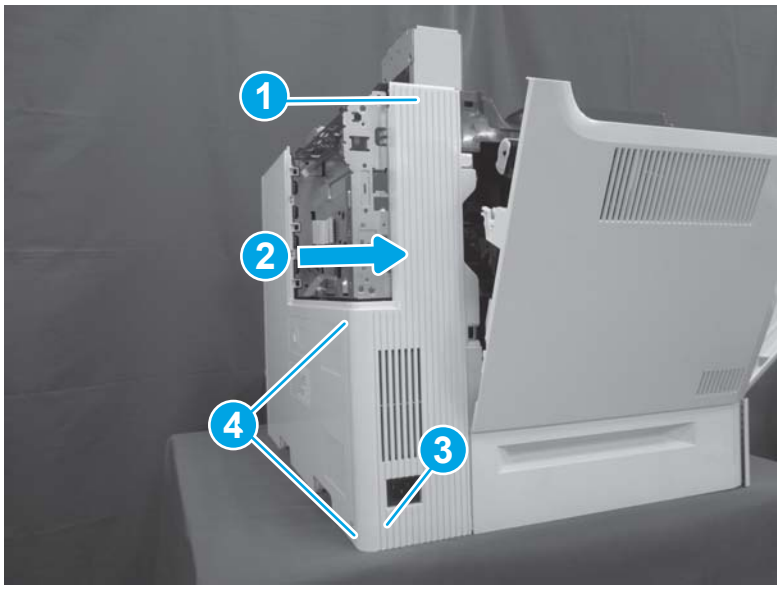
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1506 Install the left rear cover

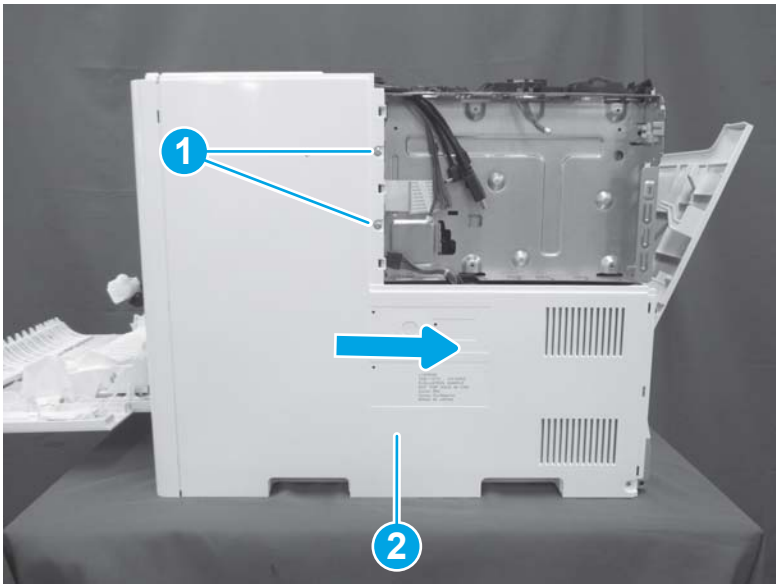


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

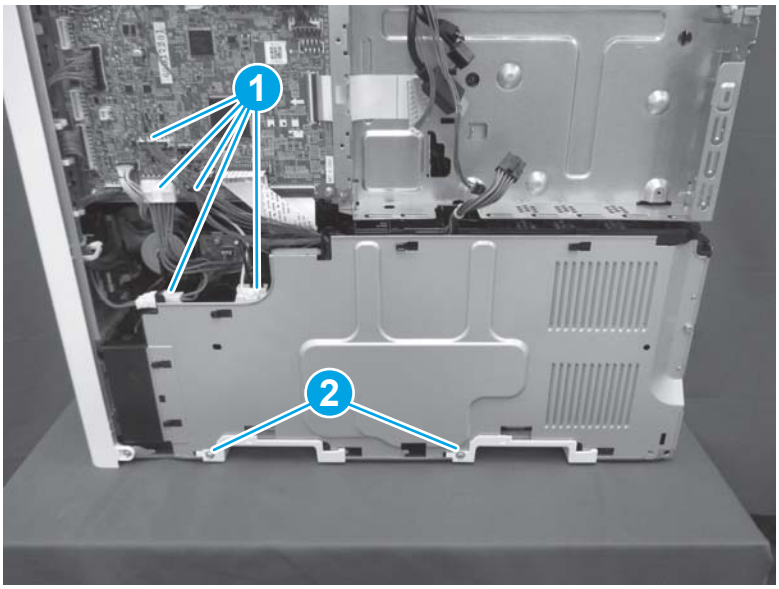
Figure 1-1507 Remove two screws and the rear cover



Step 4: Remove the low-voltage power supply (LVPS) and fan

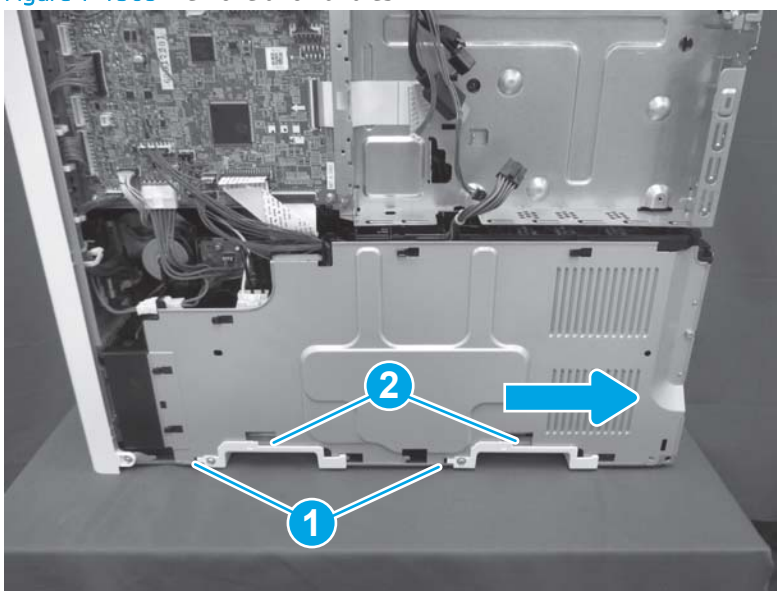
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-1508 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

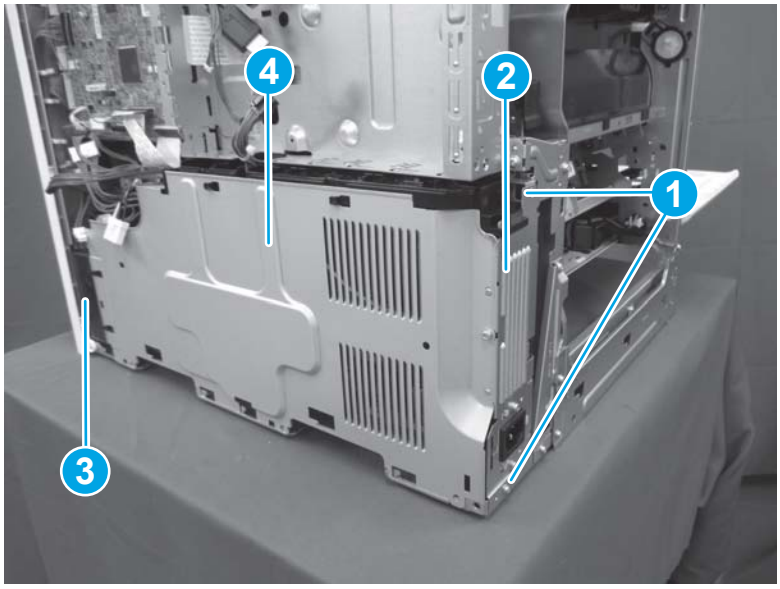
Figure 1-1509 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

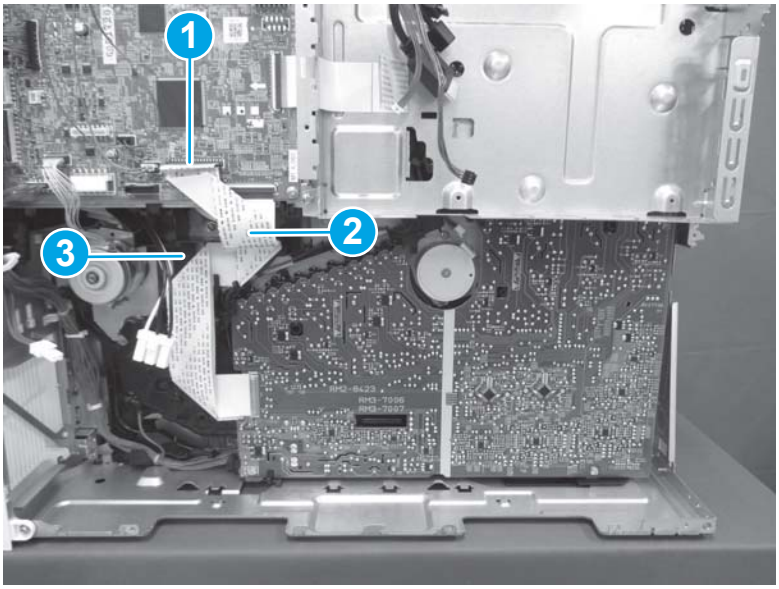
Figure 1-1510 Remove the low-voltage power supply



Step 5: Remove the lower high-voltage power supply

1. Disconnect one connector (callout 1), and then remove the fla cable (callout 2) from the cable guide (callout 3).

Figure 1-1511 Disconnect one connector

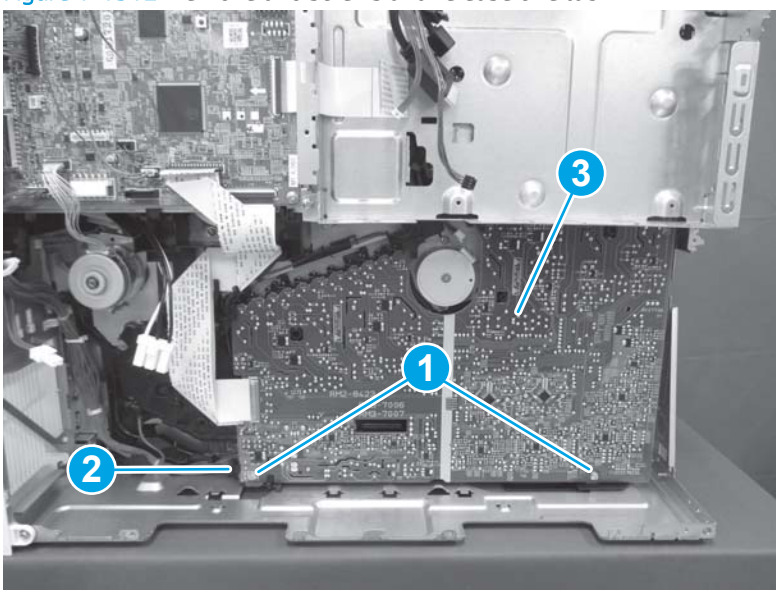


2. Remove two screws (callout 1), release one tab (callout 2), and then remove the lower HVPS (callout 3).

NOTE: These screws have washers attached. Make sure that they are reinstalled in the lower HVPS board.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1512 Remove two screws and release one tab

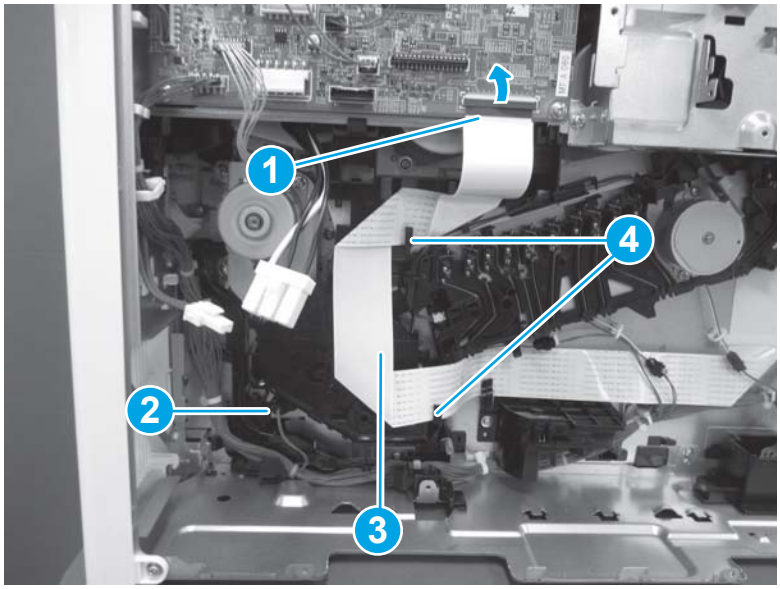


Step 6: Remove the lifter drive assembly

1. Open the latch to disconnect one fla cable (callout 1), and then disconnect one connector (callout 2). Remove the fla cable (callout 3) from the cable guides (callout 4).

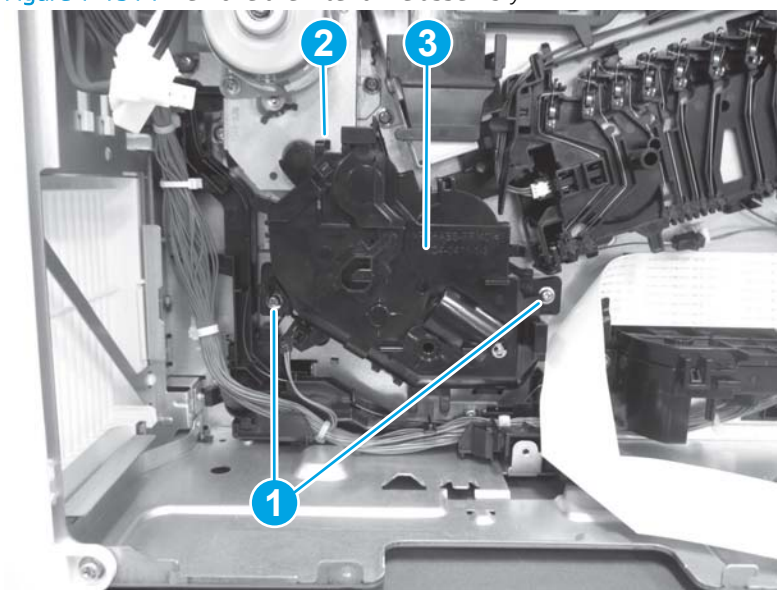
Reinstallation tip: When reinstalling the fla cable, open the latch, install the fla cable, and then close the latch to secure the cable.

Figure 1-1513 Disconnect two connectors



2. Remove two screws (callout 1), release one tab (callout 2), and then remove the lifter drive assembly (callout 3).

Figure 1-1514 Remove the lifter drive assembly



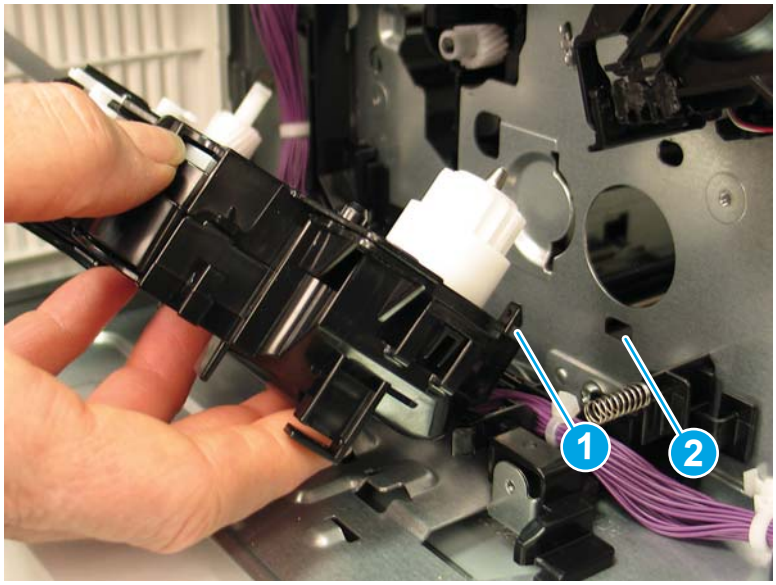
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Lifter drive assembly

- Position the tab on the assembly (callout 1) in the slot (callout 2) in the printer. Pivot the assembly into the correct position. Make sure that the assembly is completely installed against the sheet metal before installing the screws.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1515 Position the tab



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Laser scanner

- Introduction
- Step 1: Remove the toner collection unit (TCU)
- Step 2: Remove the left door
- Step 3: Remove the laser scanner
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the laser scanner.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Laser scanner part number	
RM2-1237-000CN	Laser scanner

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

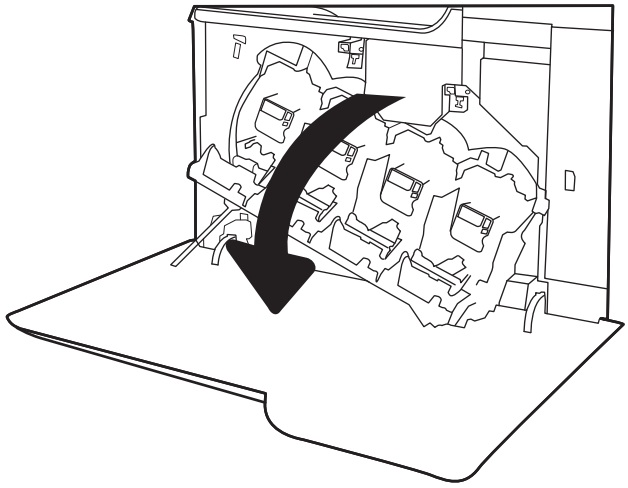
Step 1: Remove the toner collection unit (TCU)

NOTE: The toner collection unit is designed for a single use. Do not attempt to empty the toner collection unit and reuse it. Doing so could lead to toner being spilled inside the printer, which could result in reduced print quality. After use, return the toner collection unit to HP's Planet Partners program for recycling.

CAUTION: If toner gets on clothing, wipe it o by using a dry cloth and wash the clothes in cold water. Hot water sets toner into fabric.

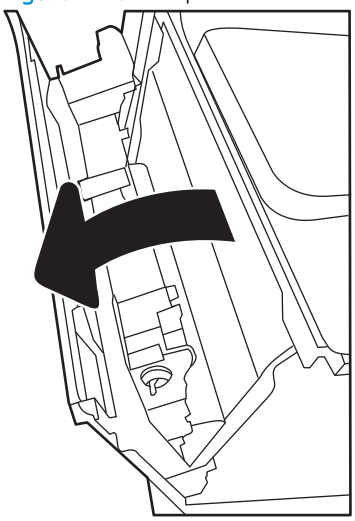
1. Open the front door.

Figure 1-1516 Open the front door



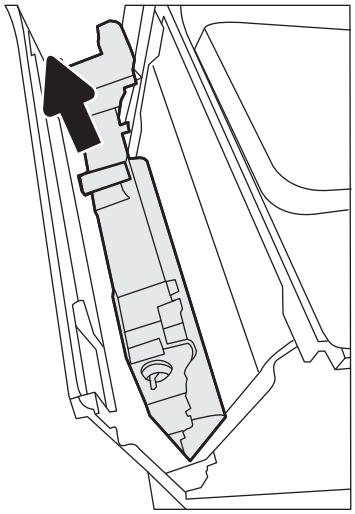
2. Open the left door.

Figure 1-1517 Open the left door



3. Grasp the top of the TCU and remove it from the printer.

Figure 1-1518 Remove the TCU



Step 2: Remove the left door

1. Open front door.

Figure 1-1519 Open front door

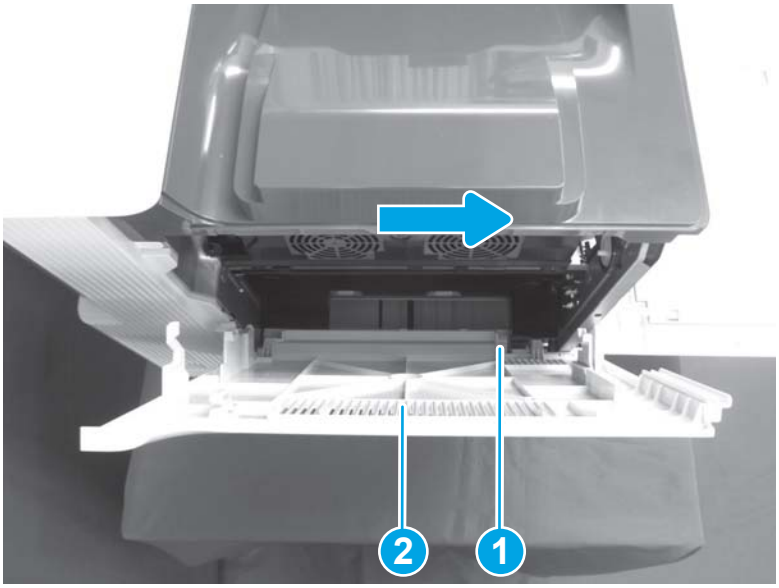


2. Press on the tab (callout 1) while sliding the left door (callout 2) to the right to remove it.

NOTE: Make sure that the front door is not blocking the left door at the lower corner.

Reinstallation tip: Reverse the removal steps to install the assembly.

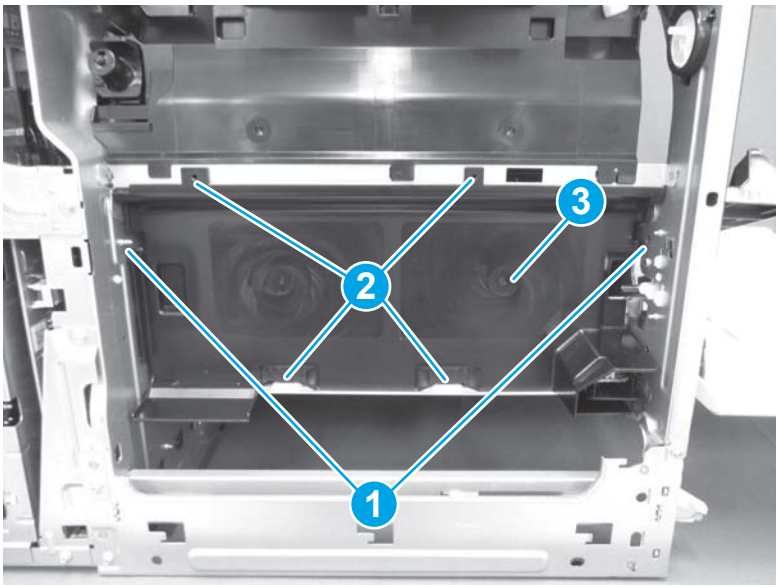
Figure 1-1520 Remove the left door



Step 3: Remove the laser scanner

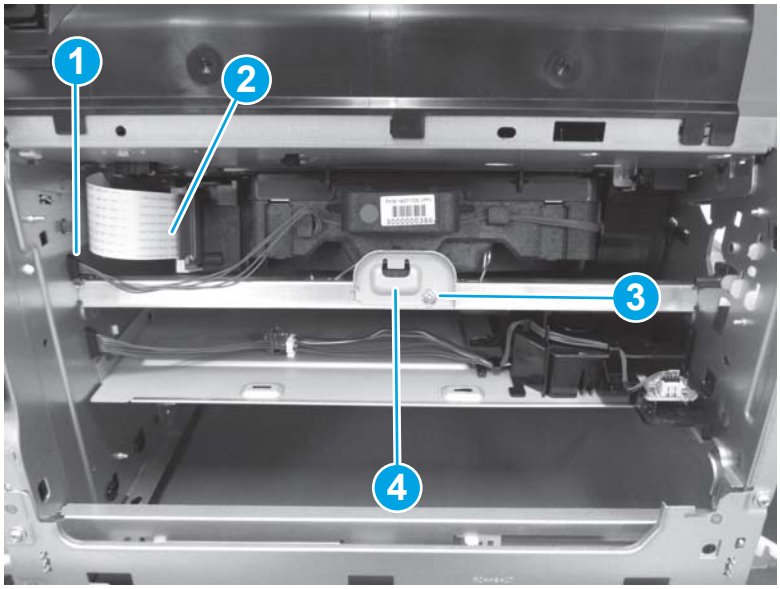
1. Release two tabs (callout 1), release four bosses (callout 2), and then remove the scanner cover (callout 3).

Figure 1-1521 Remove the scanner cover



2. Disconnect one connector (callout 1), and then lift the gray latch and release one fla cable (callout 2). Remove one screw (callout 3), and then remove the plate (callout 4).

Figure 1-1522 Disconnect two connectors and remove one screw



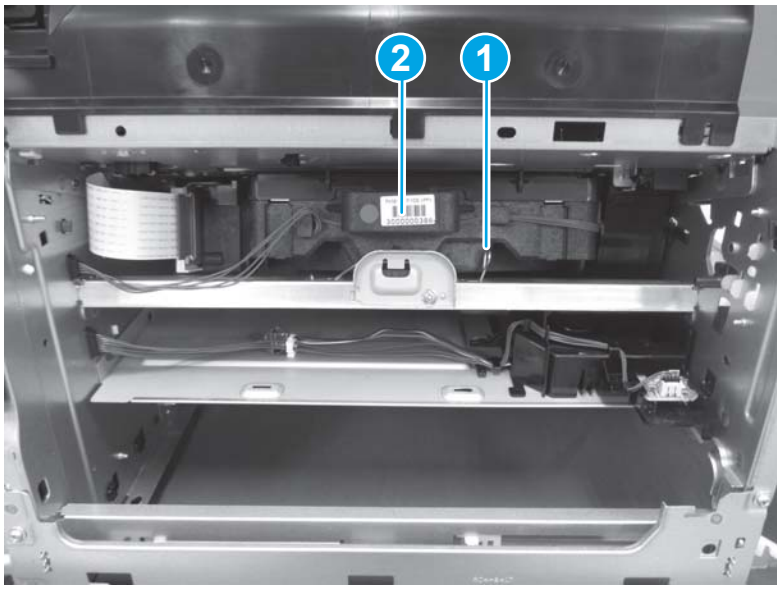
3. Unhook one spring (callout 1), and then pull the laser scanner (callout 2) away from the printer to remove it.

NOTE: The spring is not retained. Do not lose the spring.

Reinstallation tip: Close all printer doors before turning the printer power on for the firs time after replacing the laser scanner.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1523 Remove the laser scanner



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drum motor 1

- Introduction
- Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 13: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 14: Remove the output bin
- Step 15: Remove the formatter cover
- Step 16: Remove the left rear cover
- Step 17: Remove the rear cover
- Step 18: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 20: Remove the formatter
- Step 21: Remove the formatter case
- Step 22: Remove the DC controller PCA
- Step 23: Remove the DC controller stay
- Step 24: Remove the upper high-voltage power supply (HVPS)
- Step 25: Remove drum motor 1
- Step 26: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace drum motor 1.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drum motor 1 part number	
RM2-1956-000CN	Drum motor 1

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

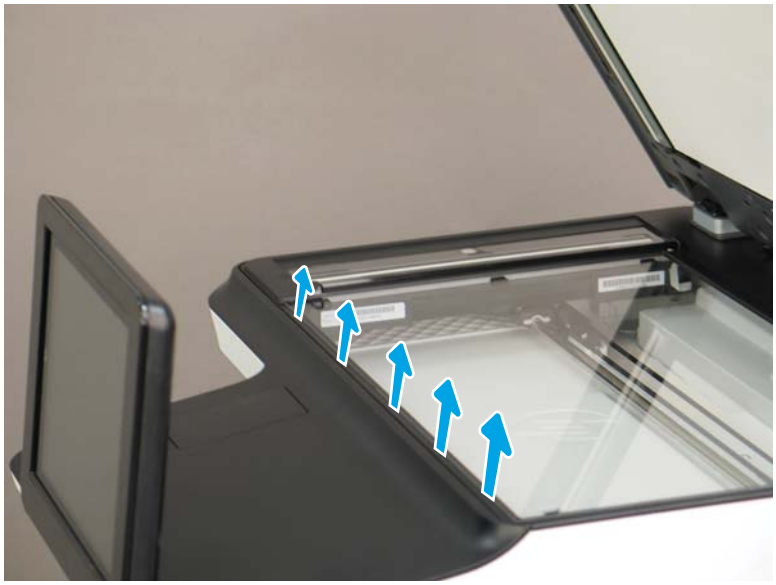
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1524 Tilt the control panel and open the document feeder



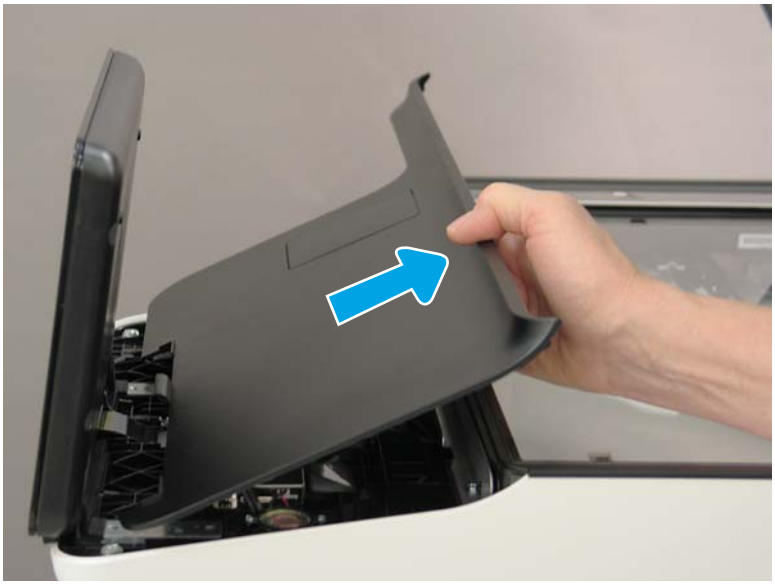
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1525 Release fiv tabs



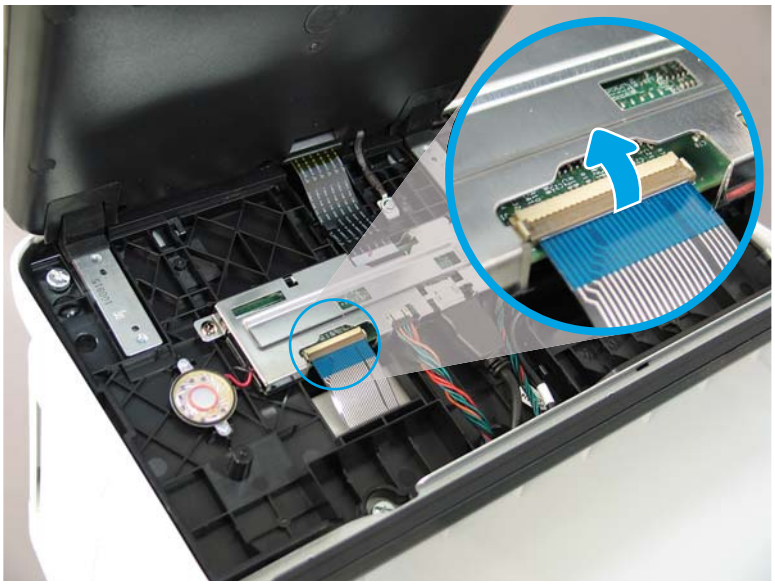
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1526 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1527 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1528 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1529 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1530 Remove the keyboard



Step 2: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

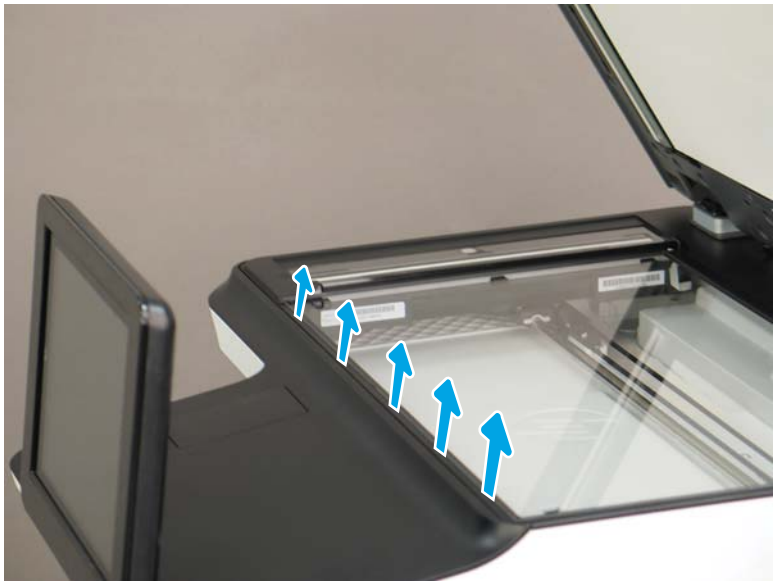
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1531 Tilt the control panel forward and open the document feeder



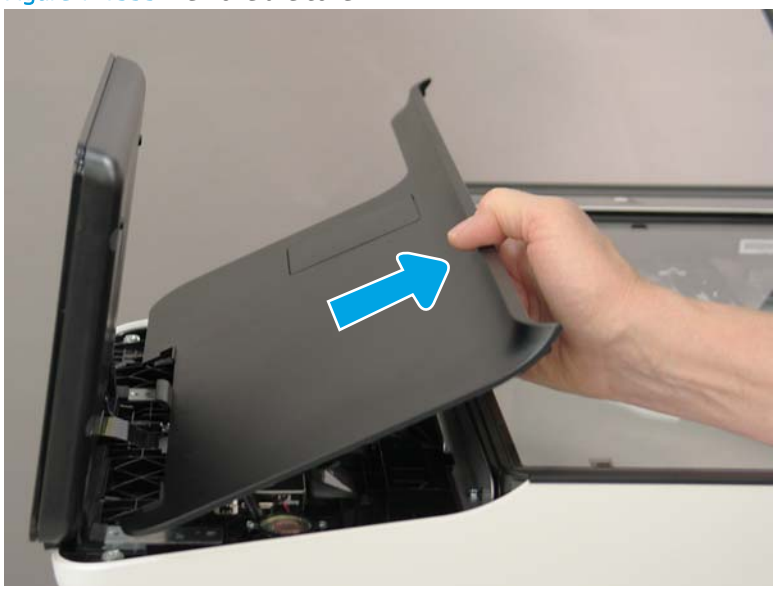
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1532 Release fiv tabs



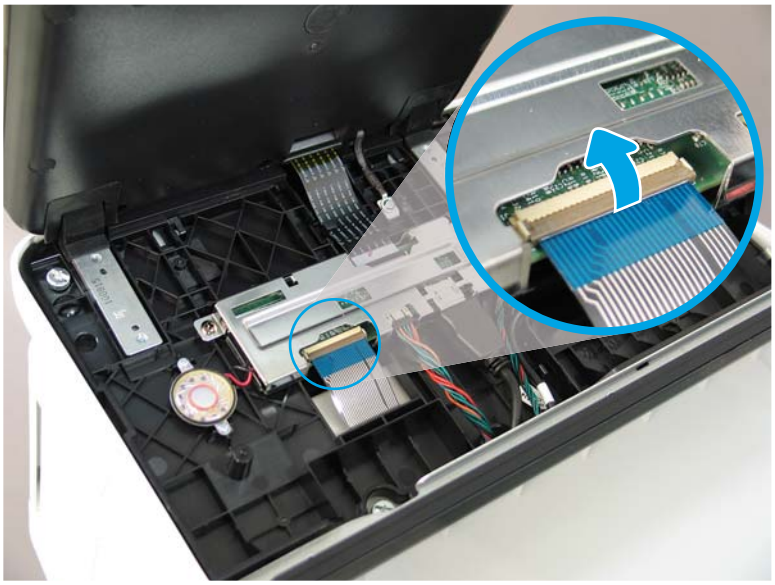
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1533 Remove the cover



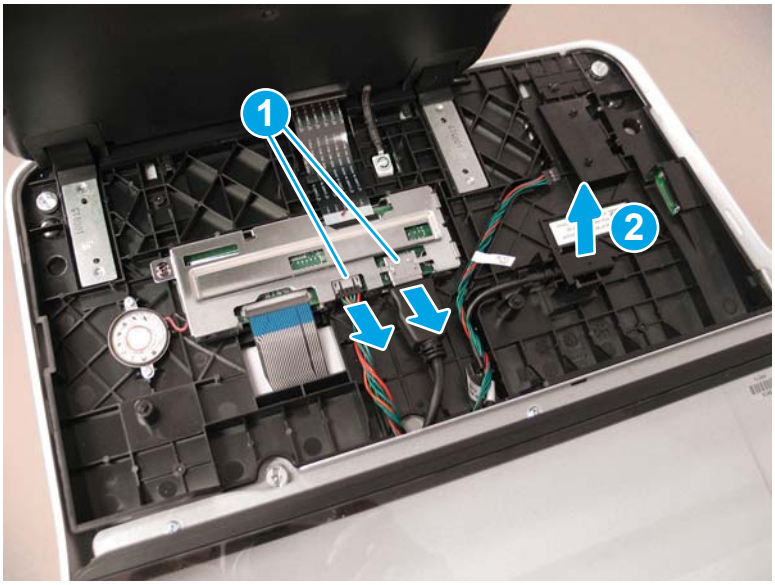
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1534 Disconnect the keyboard fla cable (keyboard models only)



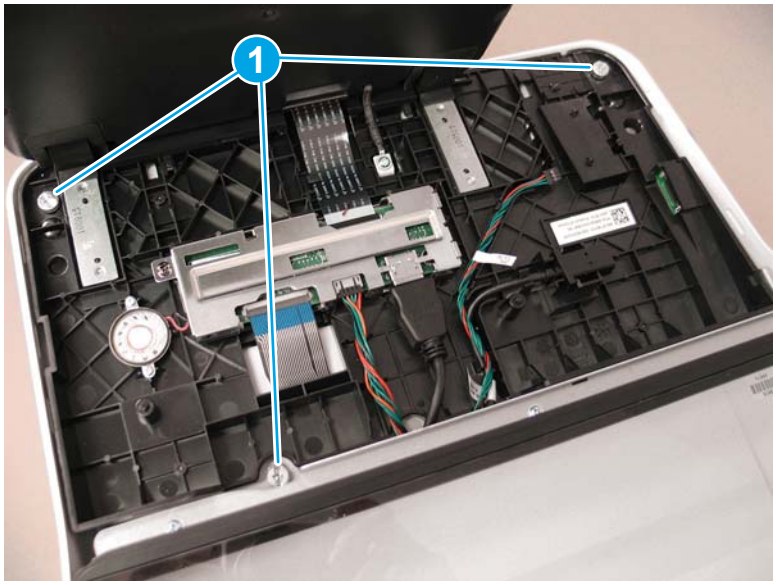
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1535 Disconnect connectors



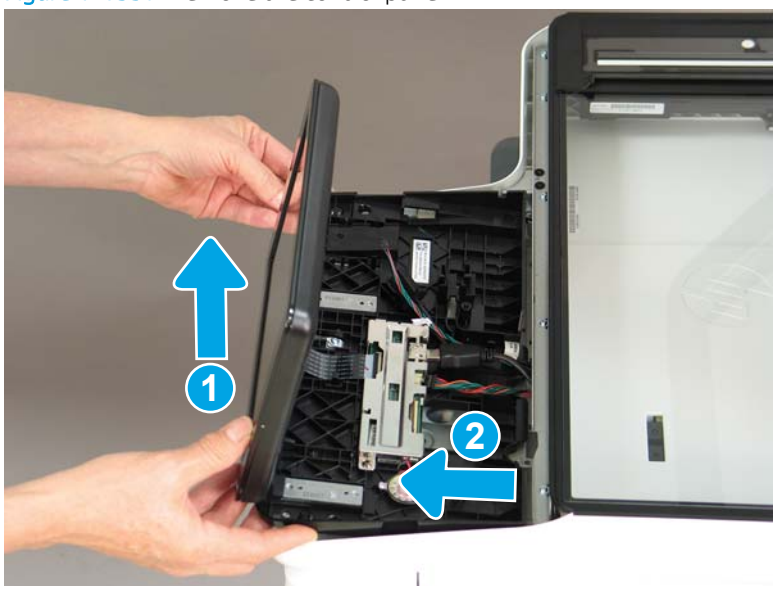
6. Remove three thumbscrews (callout 1).

Figure 1-1536 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1537 Remove the control panel

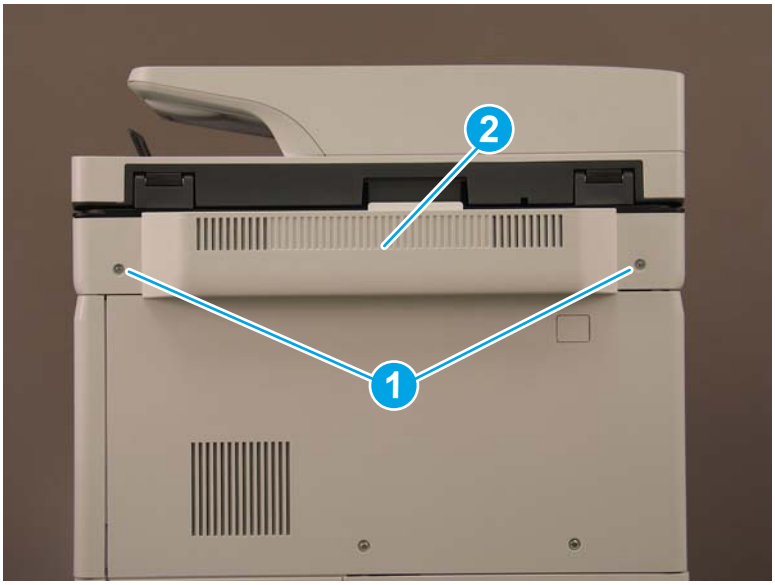


Step 3: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

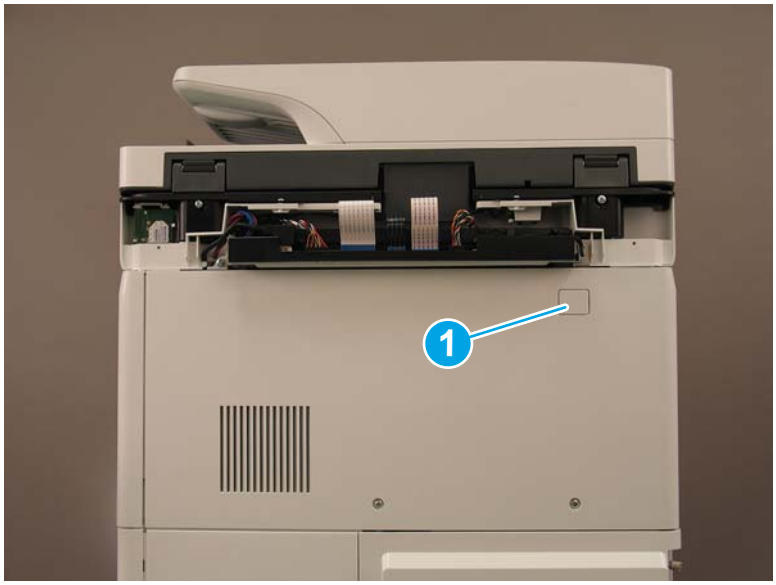
Figure 1-1538 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

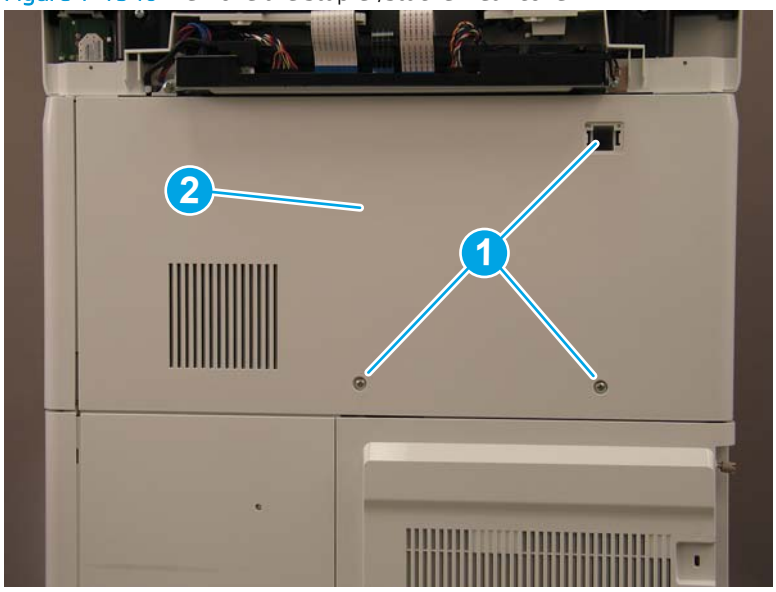
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-1539 Remove the small cover



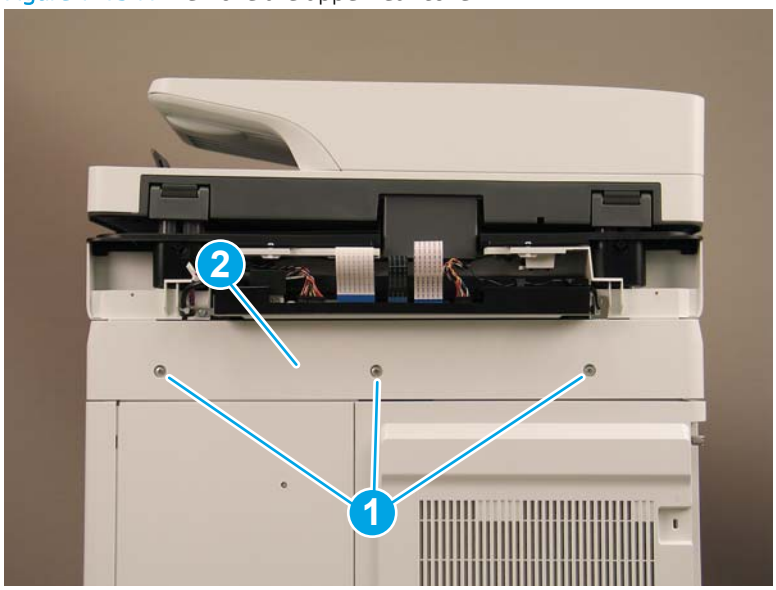
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1540 Remove the stapler/stacker rear cover



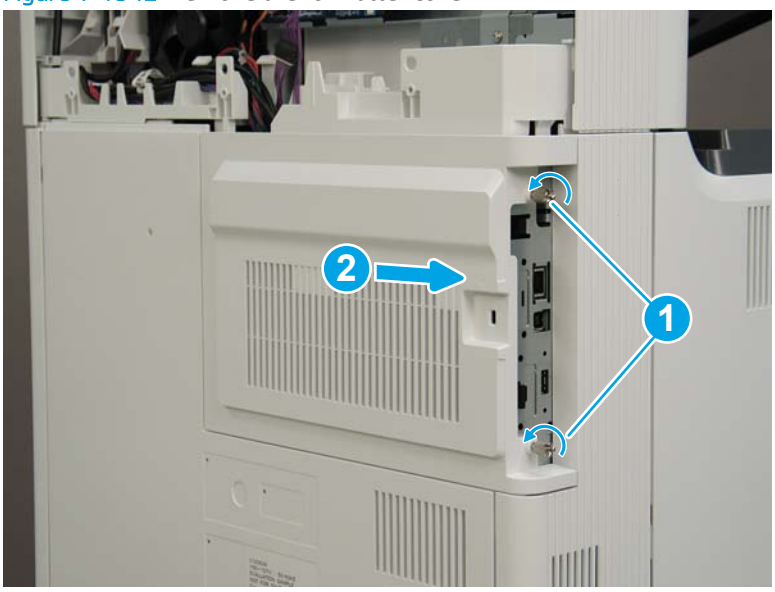
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1541 Remove the upper rear cover



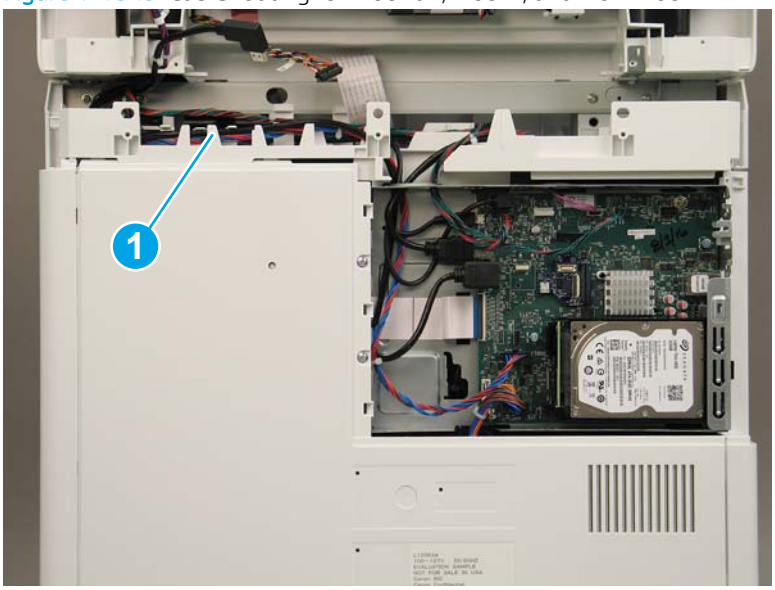
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1542 Remove the formatter cover



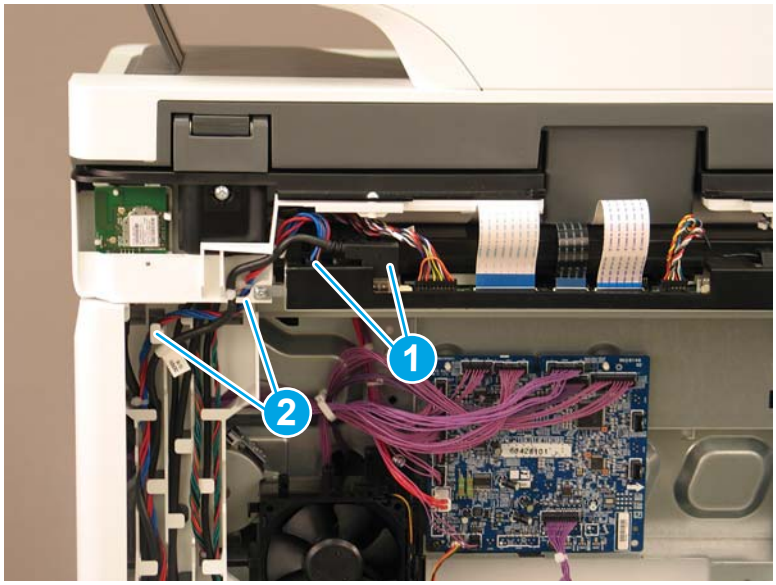
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1543 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1544 Disconnect two connectors



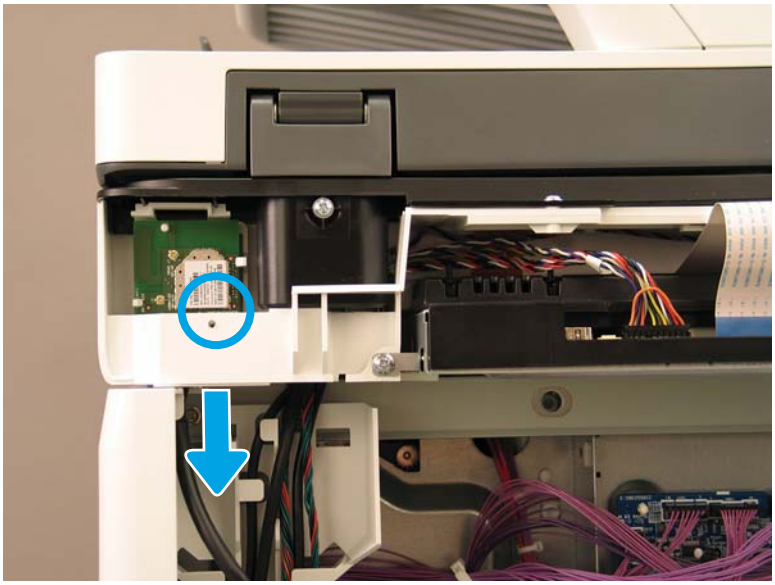
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1545 Disconnect fiv connectors



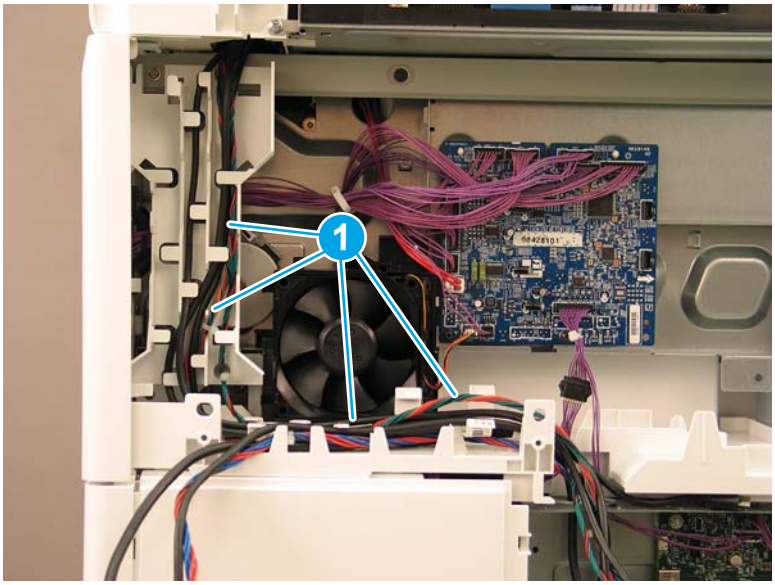
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1546 Disconnect the wireless connector



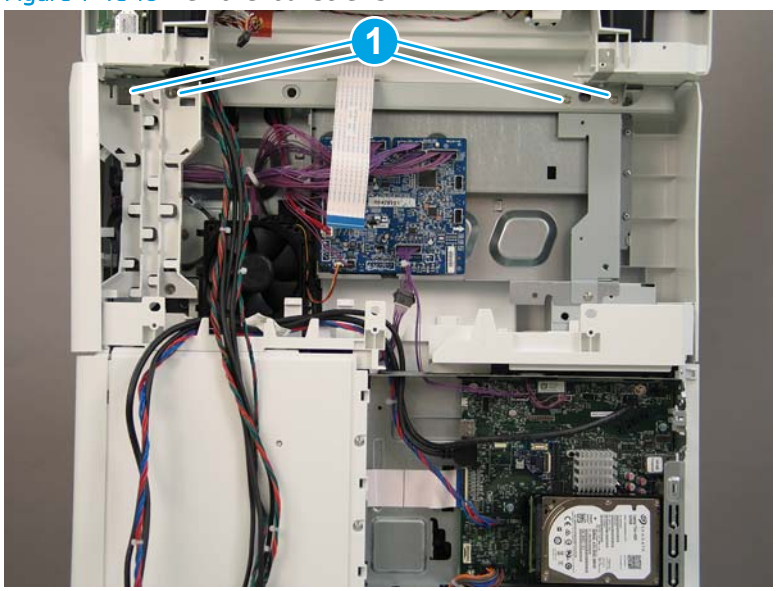
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1547 Release the cables



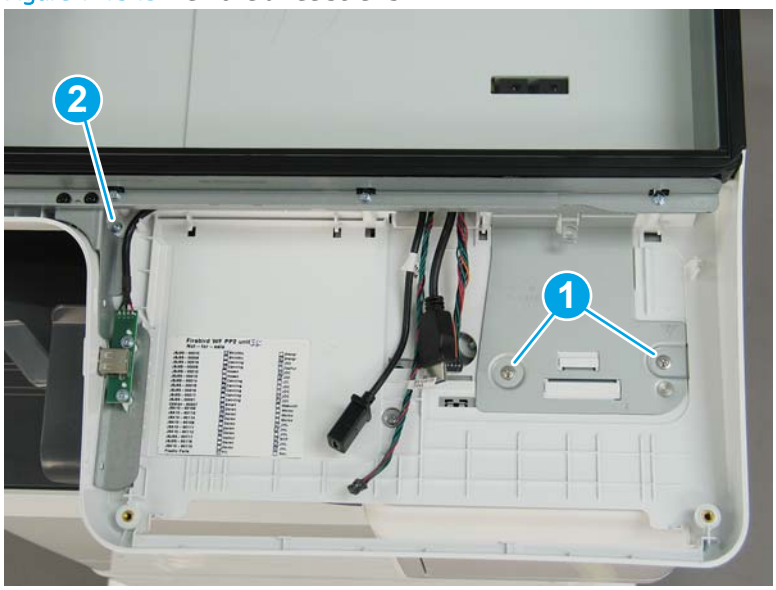
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1548 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1549 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1550 Remove the document feeder and image scanner



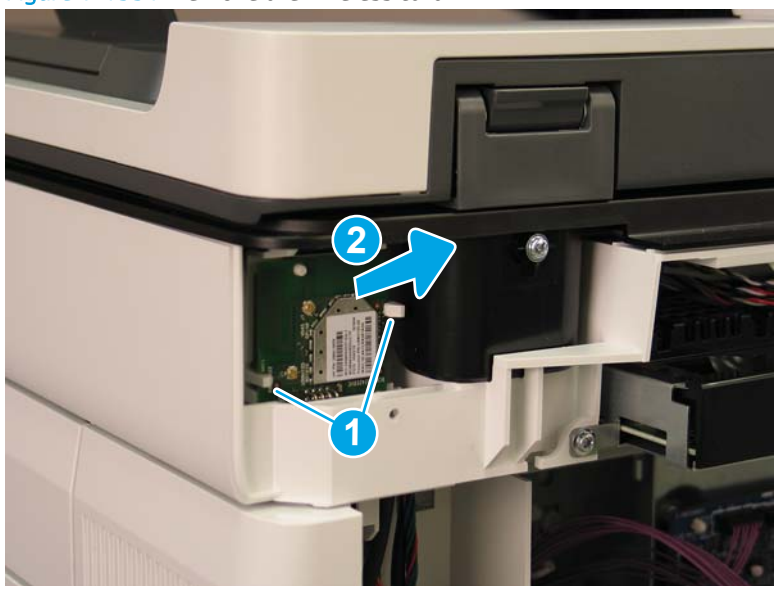
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1551 Remove the wireless card



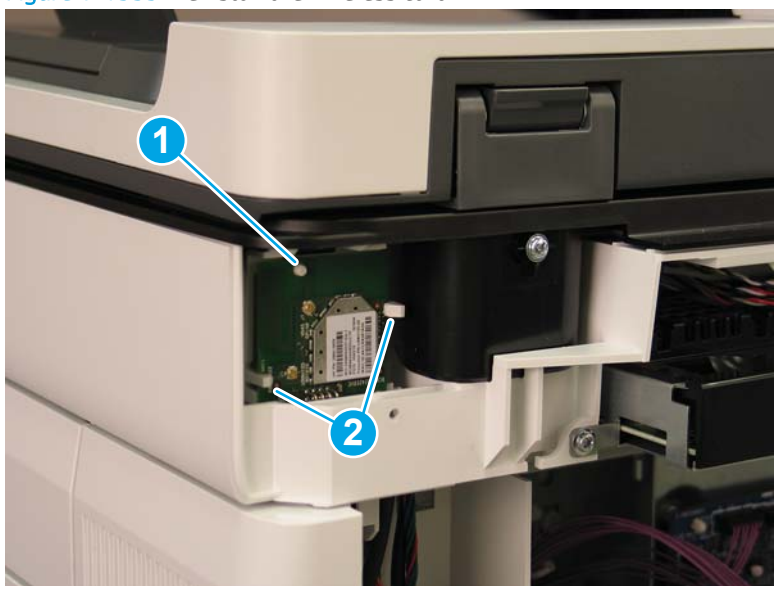
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1552 Connect the wireless card connector



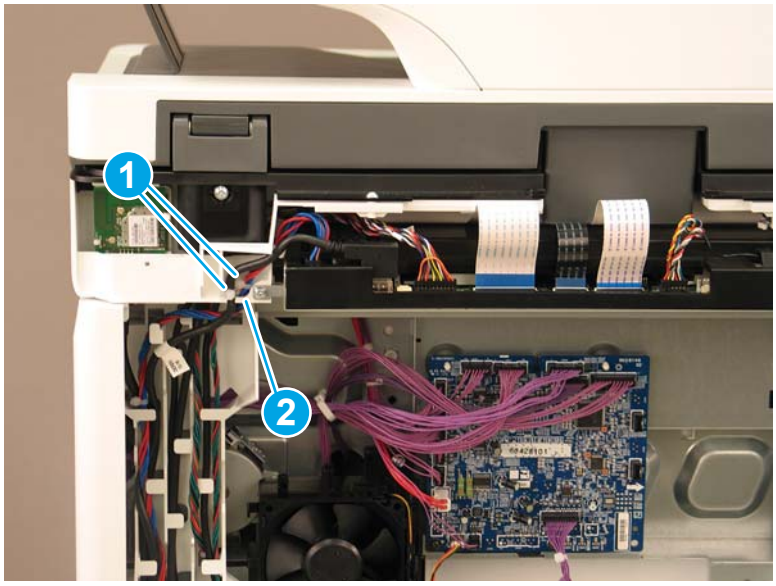
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1553 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1554 Install the SCB cables



Step 4: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

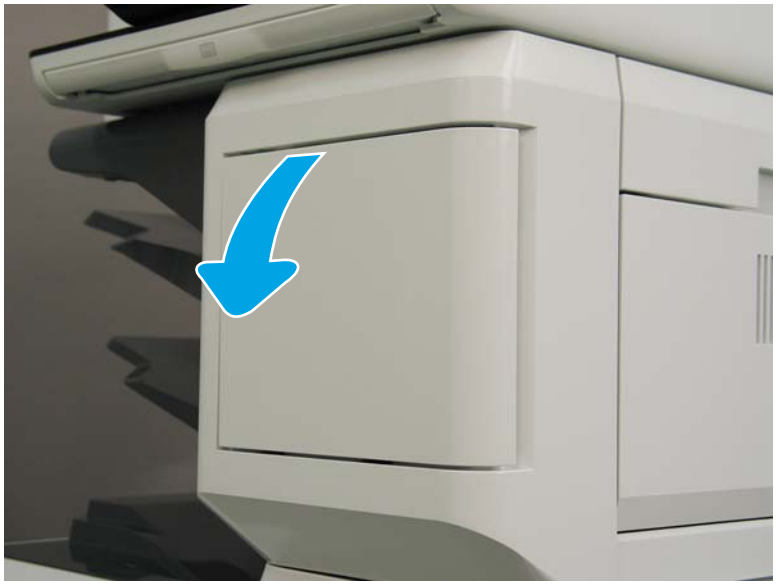
1. Open the front door.

Figure 1-1555 Open the front door



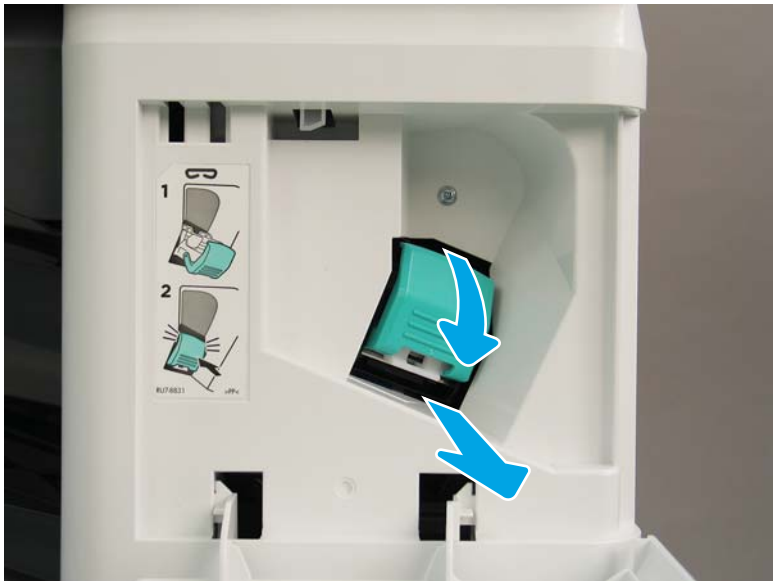
2. Open the stapler door.

Figure 1-1556 Open the stapler door



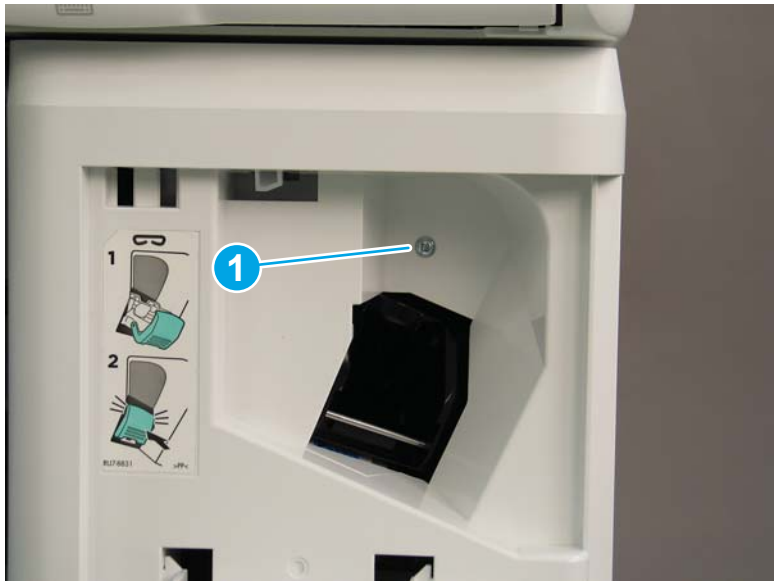
3. Release the latch, and then remove the staple cartridge.

Figure 1-1557 Remove the staple cartridge



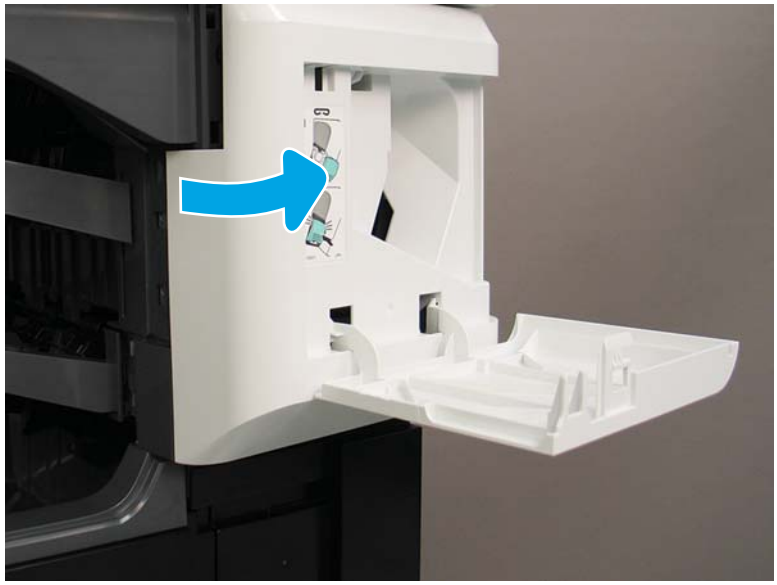
4. Remove one screw (callout 1).

Figure 1-1558 Remove one screw



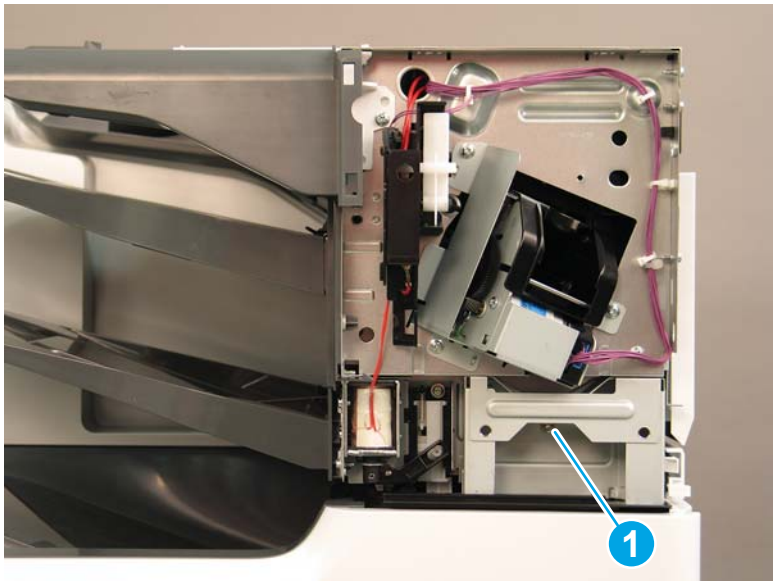
5. Rotate the stapler cover to the right to remove it.

Figure 1-1559 Remove the stapler cover



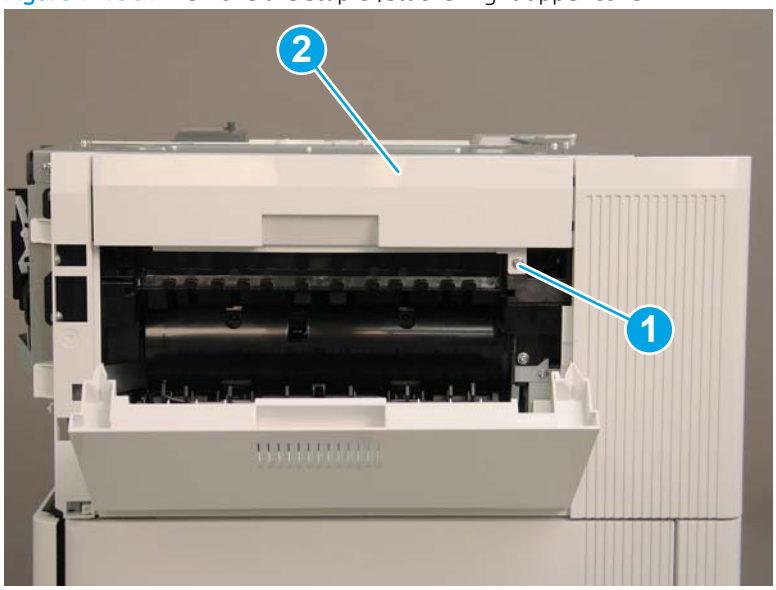
6. Remove one screw (callout 1).

Figure 1-1560 Remove one screw



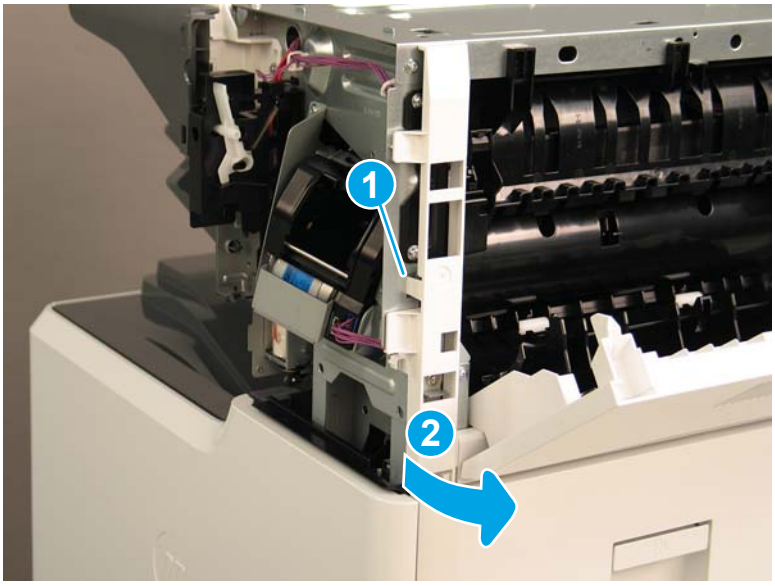
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1561 Remove the stapler/stacker right upper cover



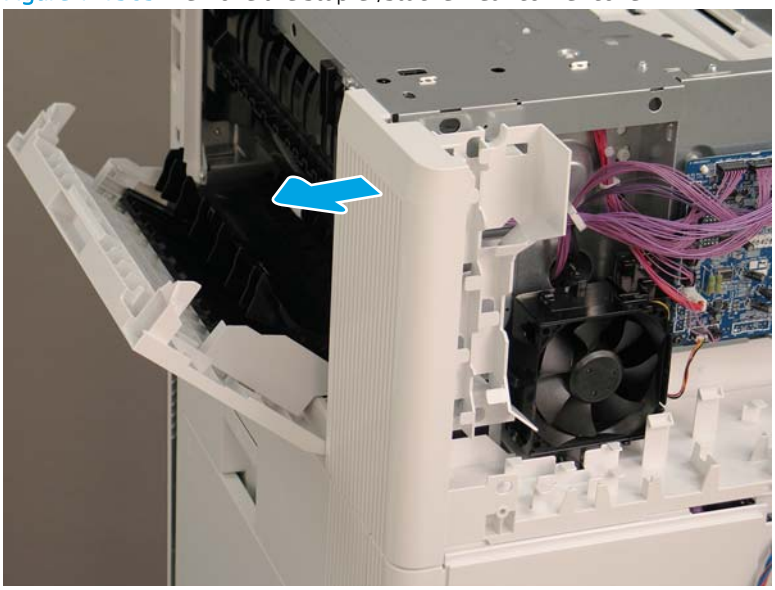
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1562 Remove the stapler rear cover



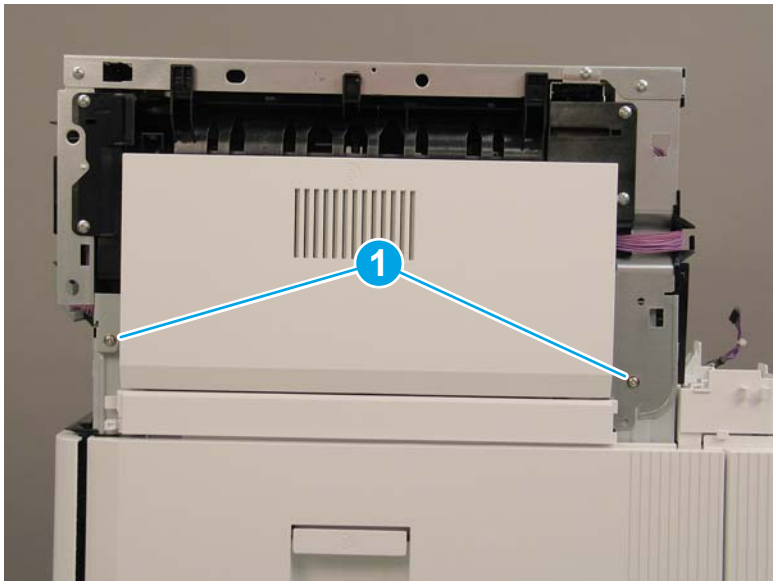
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1563 Remove the stapler/stacker rear corner cover



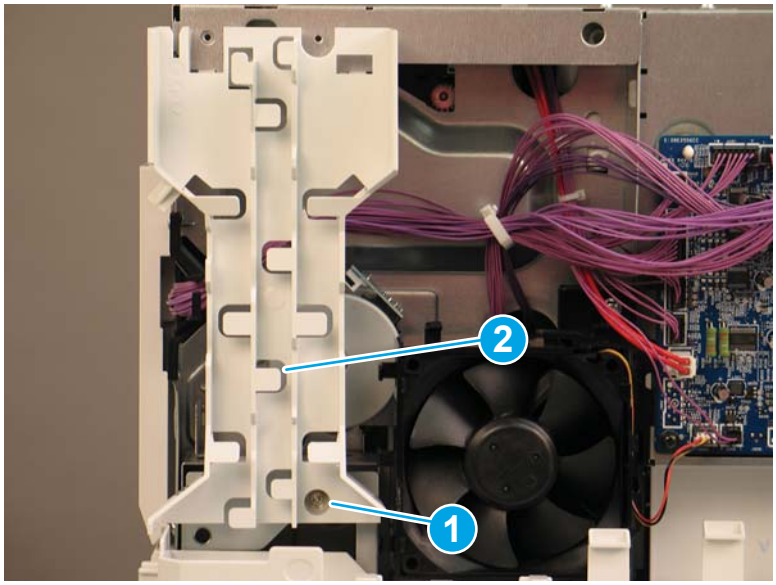
10. Remove two screws (callout 1).

Figure 1-1564 Remove two screws



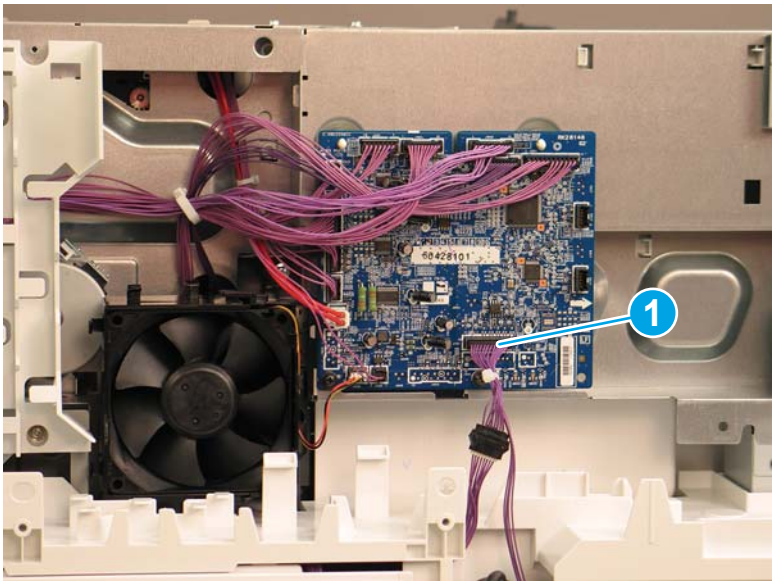
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1565 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

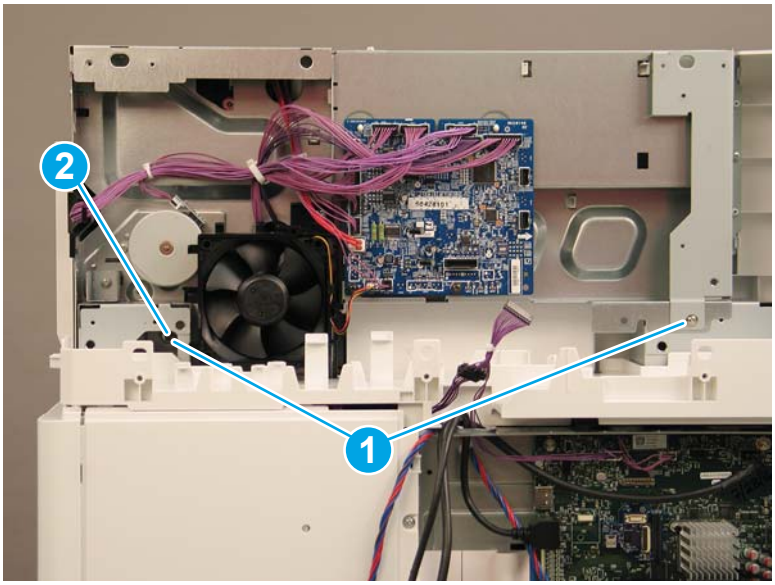
Figure 1-1566 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

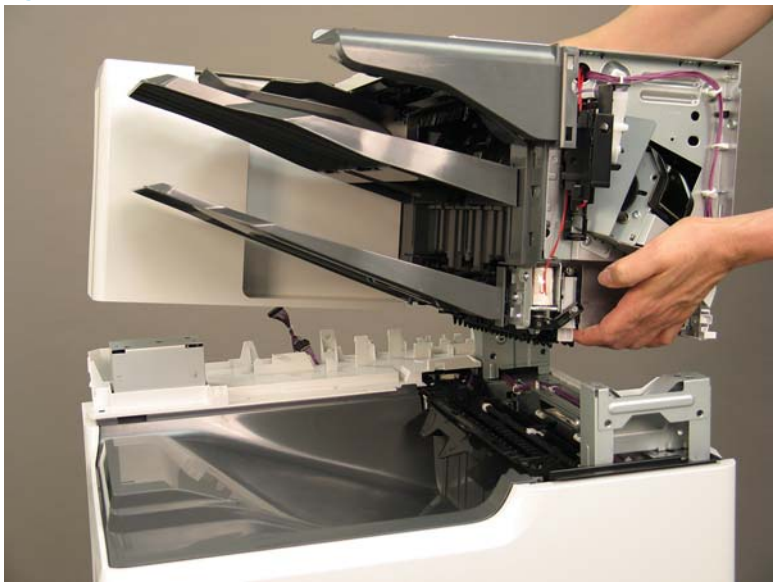
Figure 1-1567 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1568 Remove the stapler/stacker

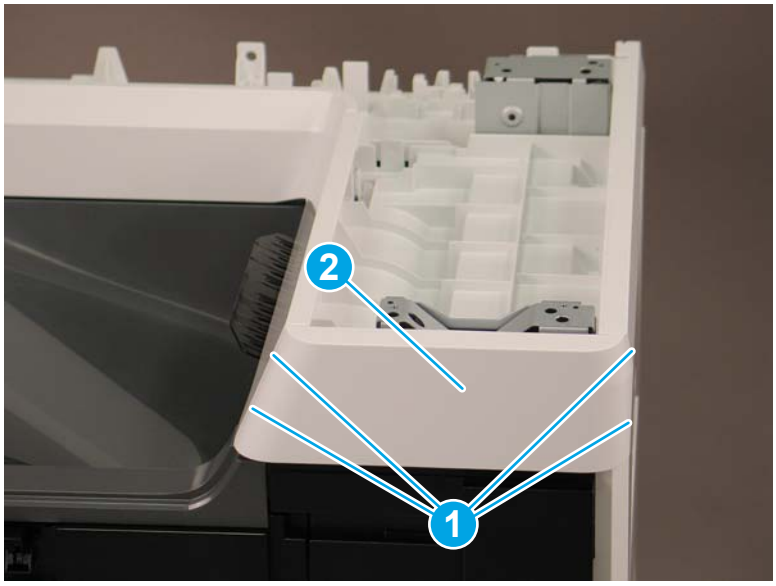


Step 5: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1569 Remove the face-down front cover



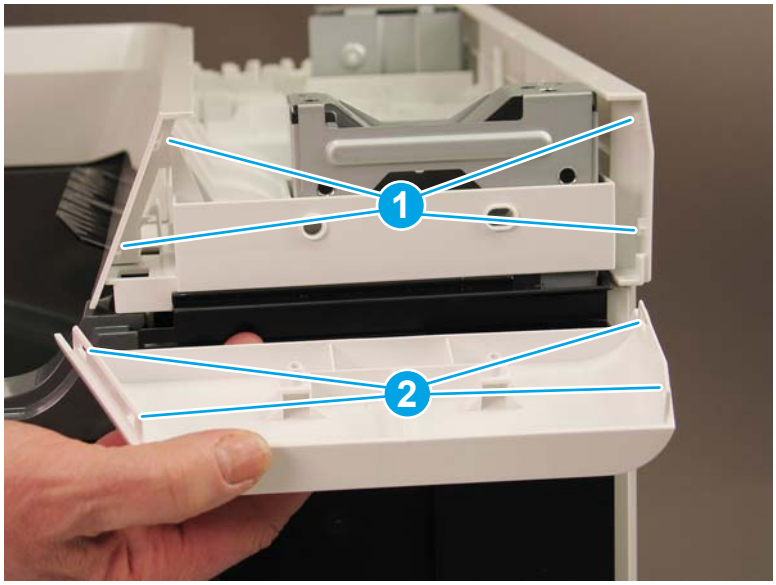
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1570 Install the cover



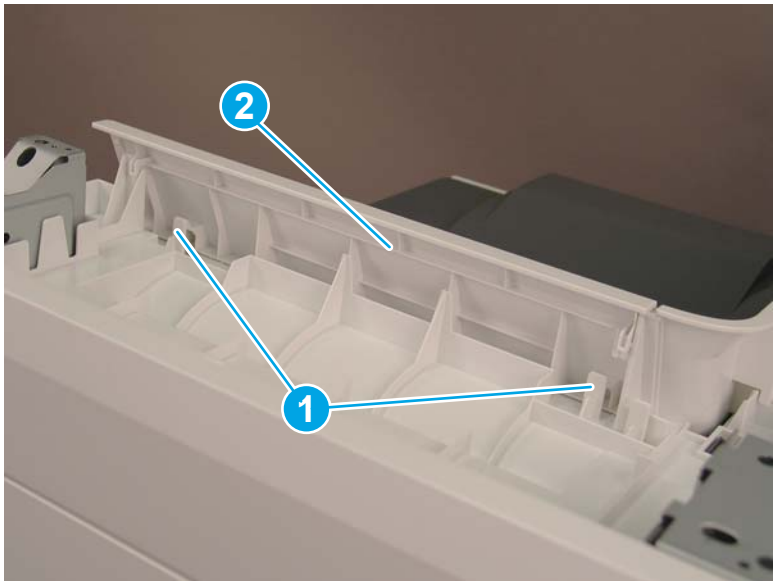
Step 6: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1571 Remove the top cover



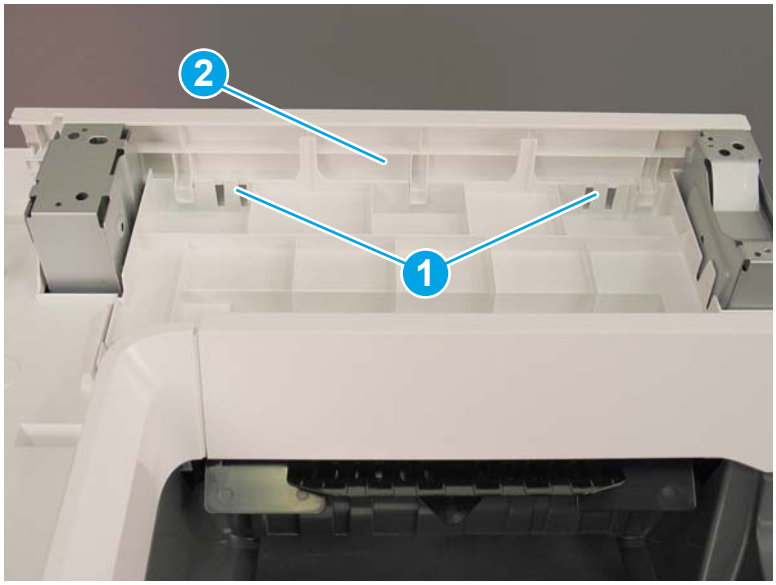
Step 7: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1572 Remove the right cover



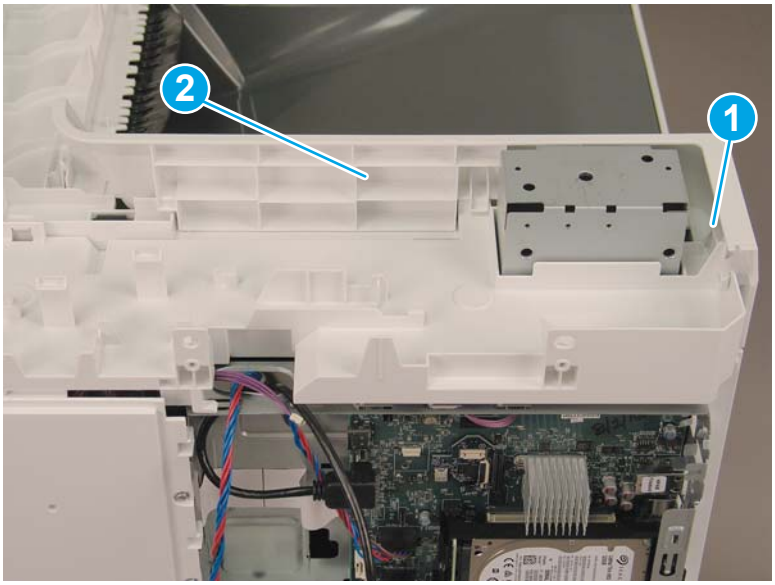
Step 8: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1573 Remove the front cover



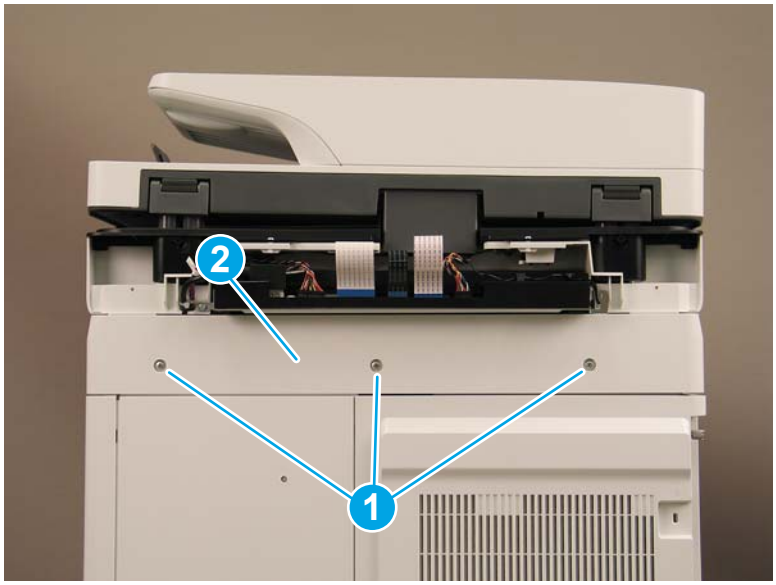
Step 9: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

▲ Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1574 Remove the rear upper cover



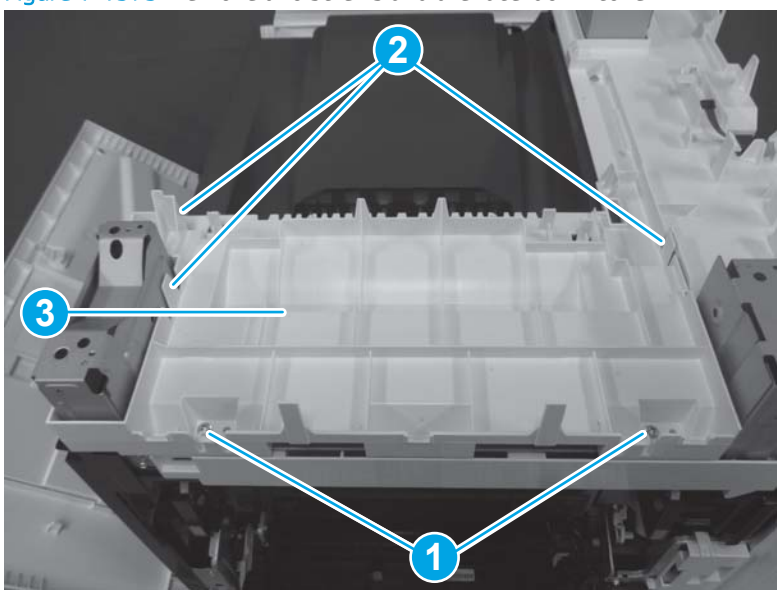
Step 10: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

- Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1575 Remove two screws and the face-down cover

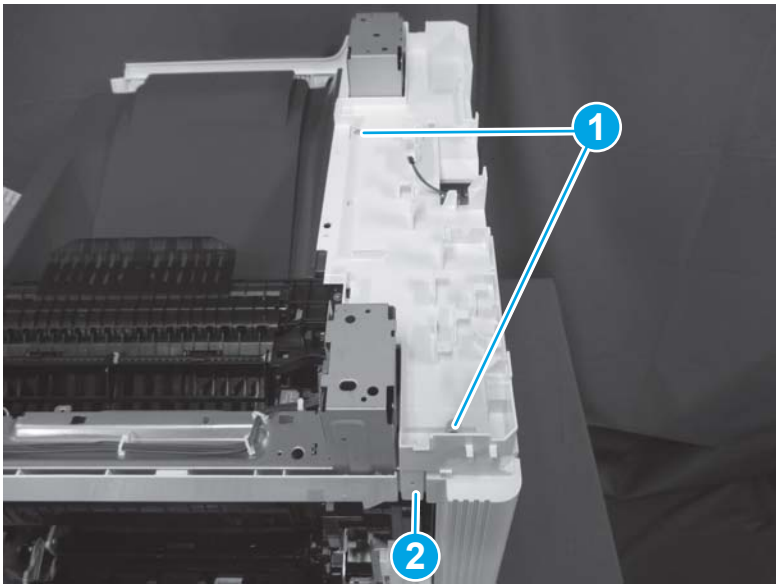


Step 11: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 999

1. Remove two screws (callout 1), and then release one tab (callout 2).

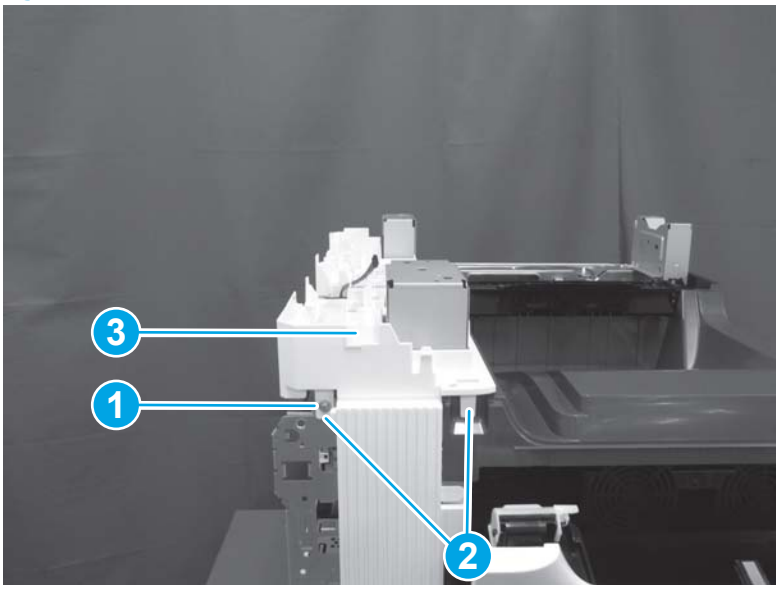
Figure 1-1576 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1577 Remove one screw and the main cover



Step 12: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 14: Remove the output bin on page 1003

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1578 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1579 Remove the cover



3. Remove one thumbscrew (callout 1)

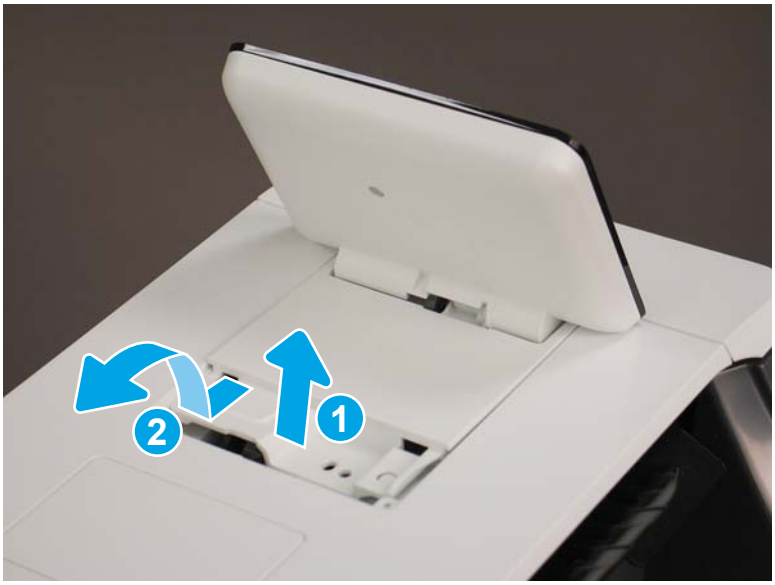
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1580 Remove one thumbscrew



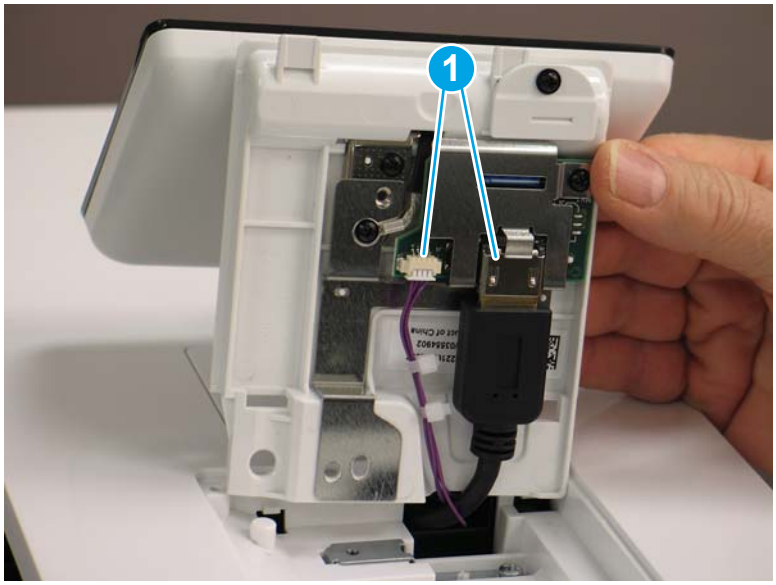
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1581 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1582 Disconnect two connectors



6. Remove the control panel.

Figure 1-1583 Remove the control panel



Step 13: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

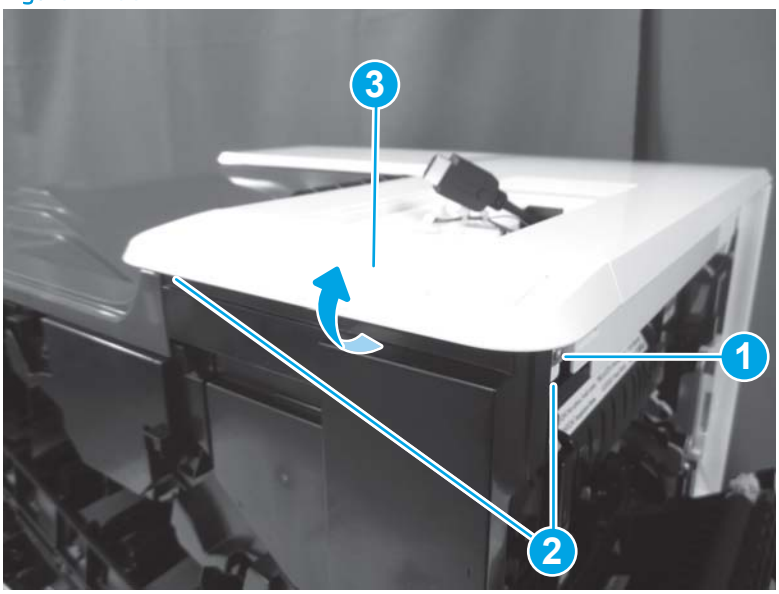
NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 14: Remove the output bin on page 1003

1. Open the following doors:

- Front door
- Left door
- Right door

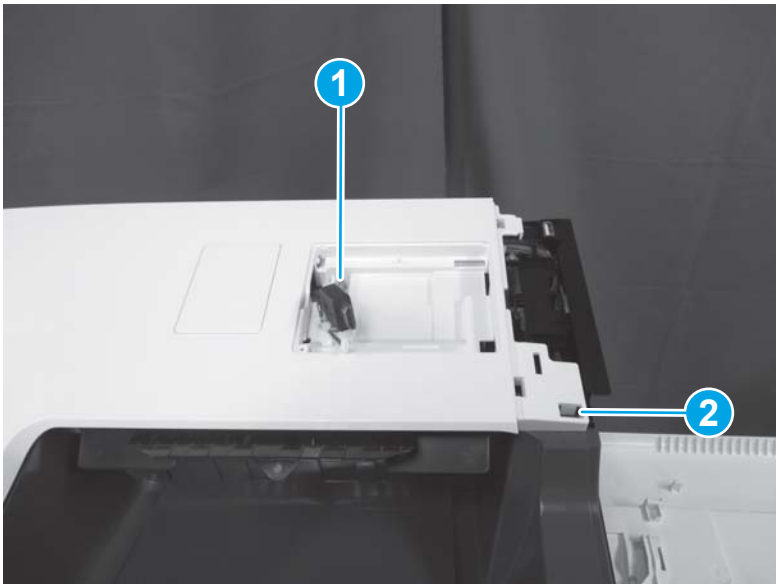
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1584 Remove the NFC cover



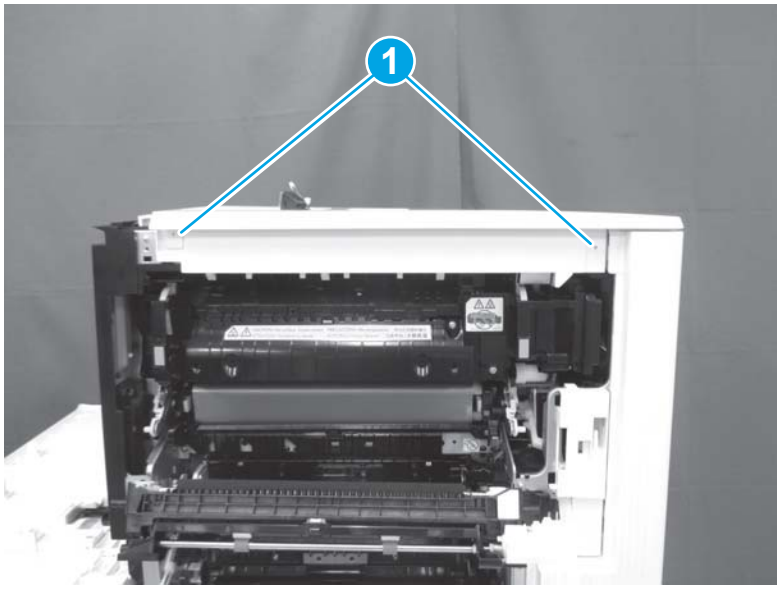
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1585 Remove one screw and release one tab



4. Release two tabs (callout 1).

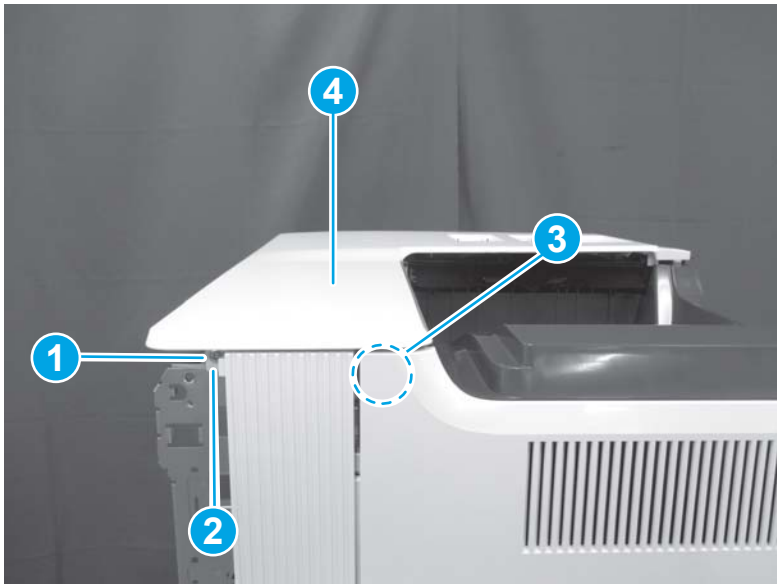
Figure 1-1586 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1587 Remove the top cover



Step 14: Remove the output bin

1. Open the following doors:

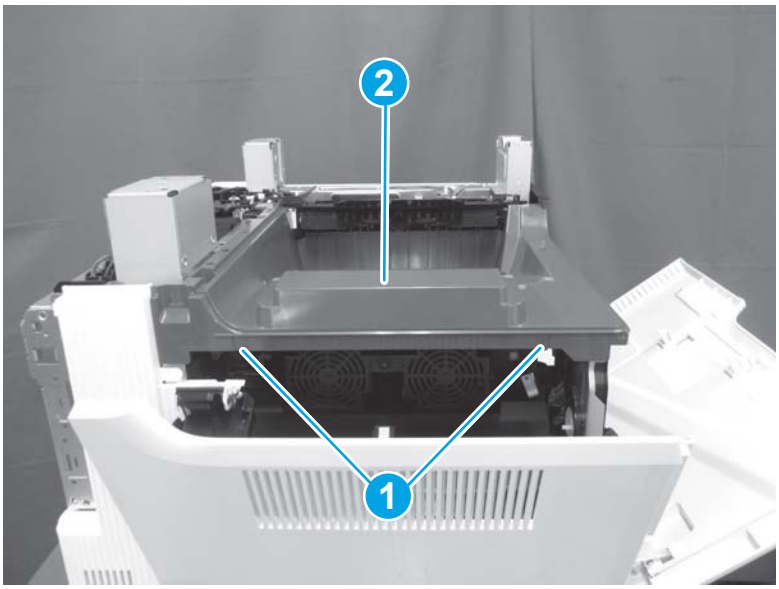
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1588 Remove the output bin

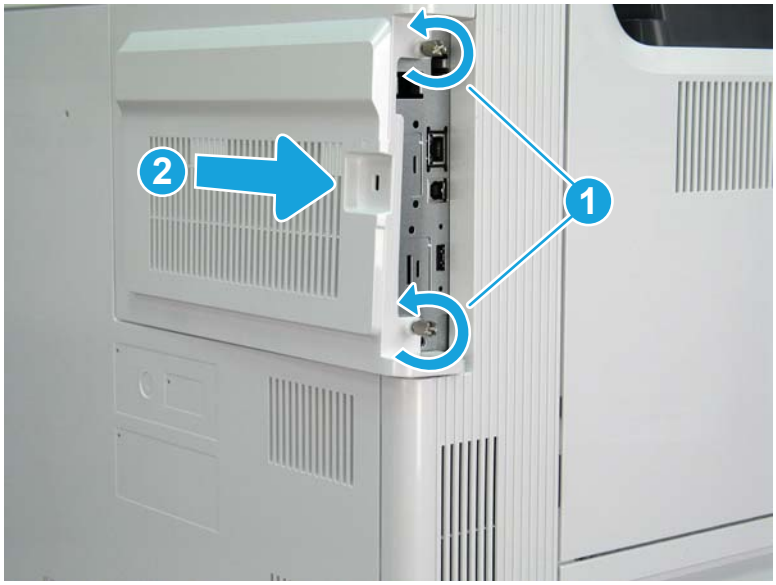


Step 15: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

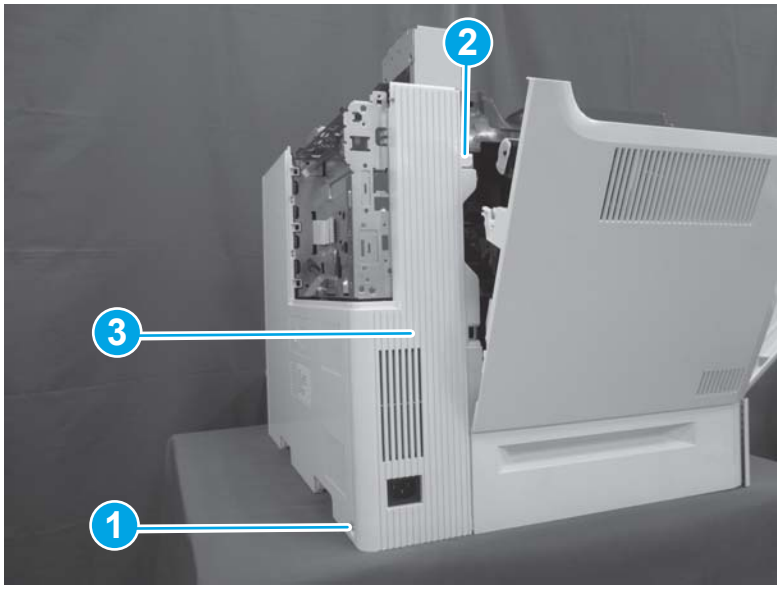
Figure 1-1589 Remove the formatter cover



Step 16: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1590 Remove the left rear cover



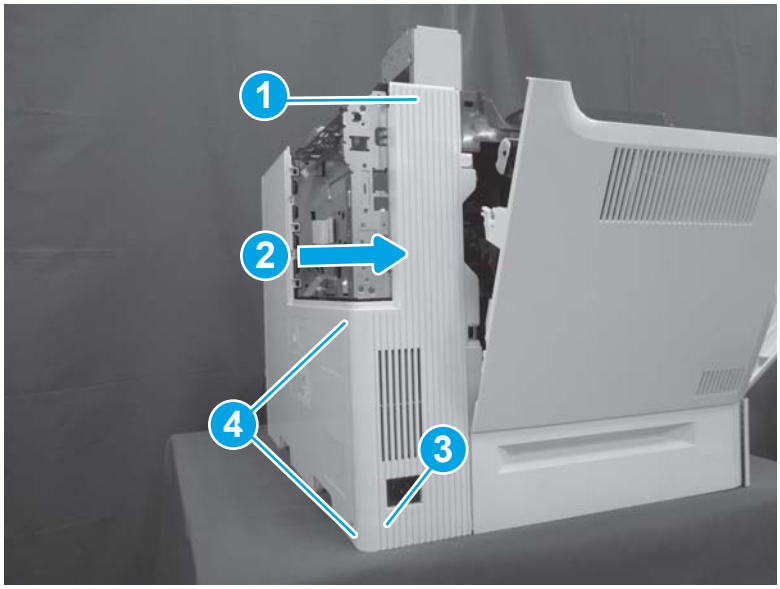
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1591 Install the left rear cover

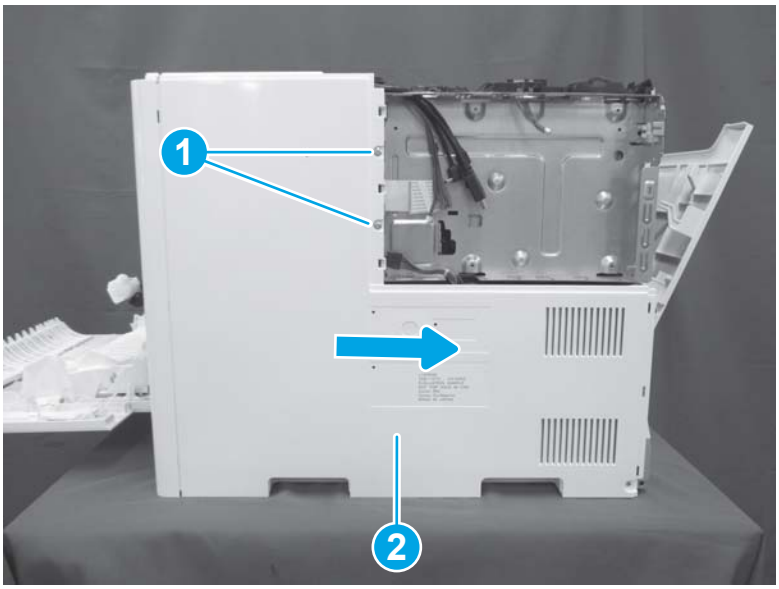


Step 17: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1592 Remove two screws and the rear cover



Step 18: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for fax printers. For non-fax printers, skip this step and go to Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 1007

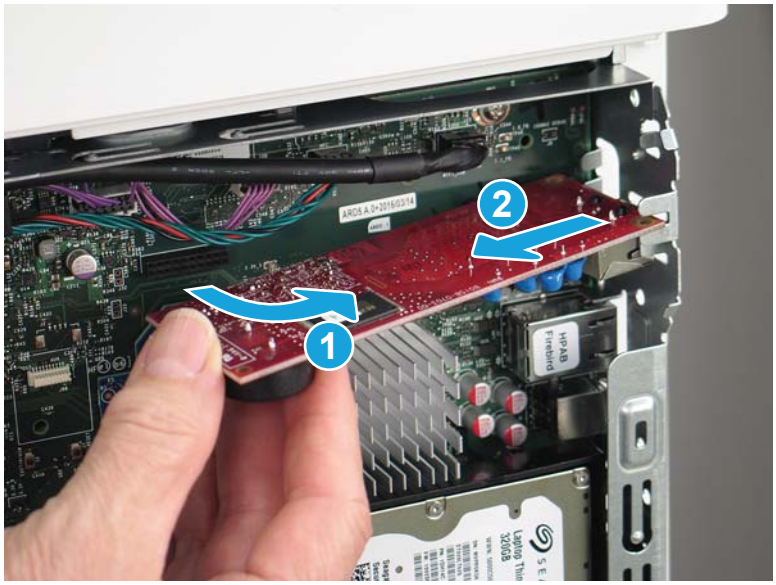
1. Locate the fax PCA on the formatter.

Figure 1-1593 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

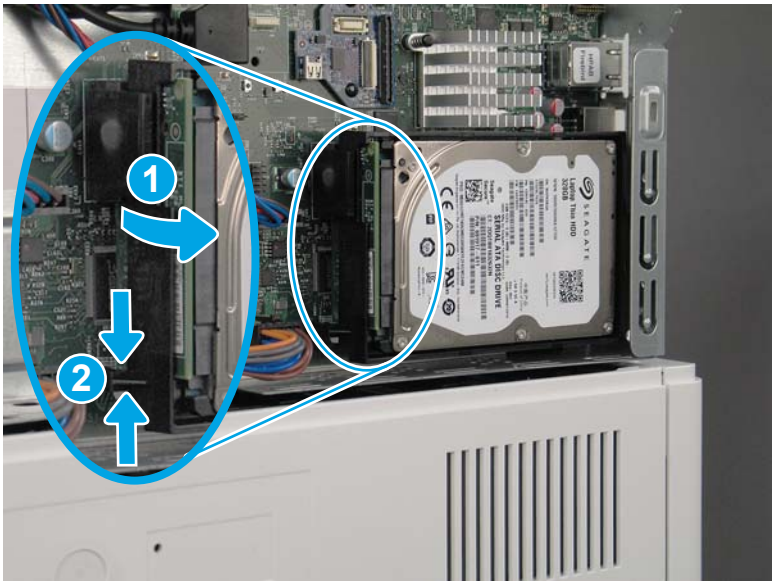
Figure 1-1594 Remove the fax PCA



Step 19: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

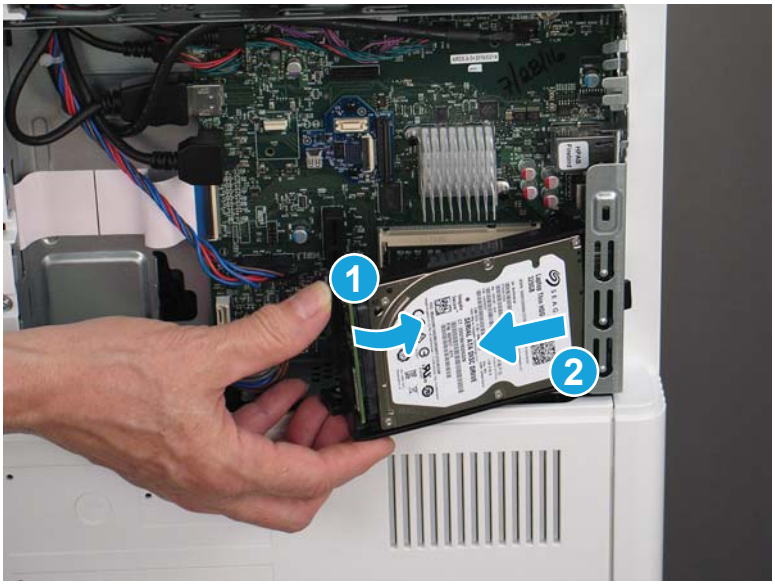
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1595 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1596 Remove the HDD



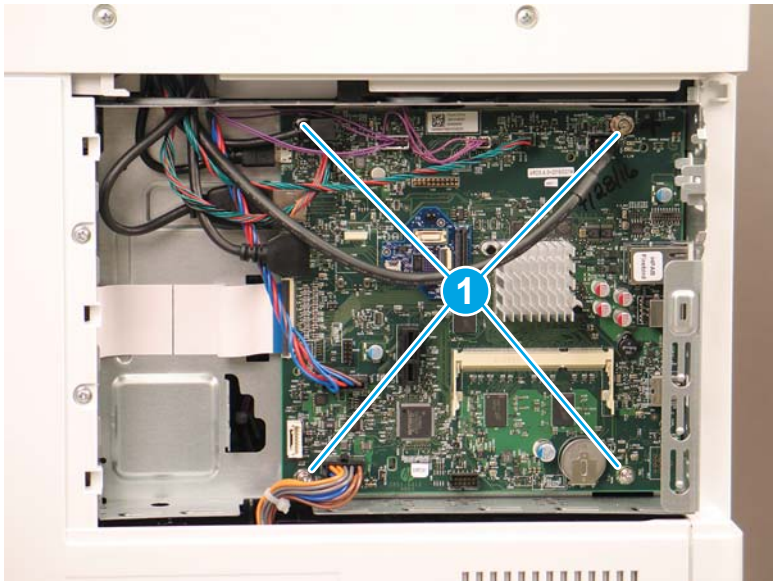
Step 20: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1597 Remove the formatter

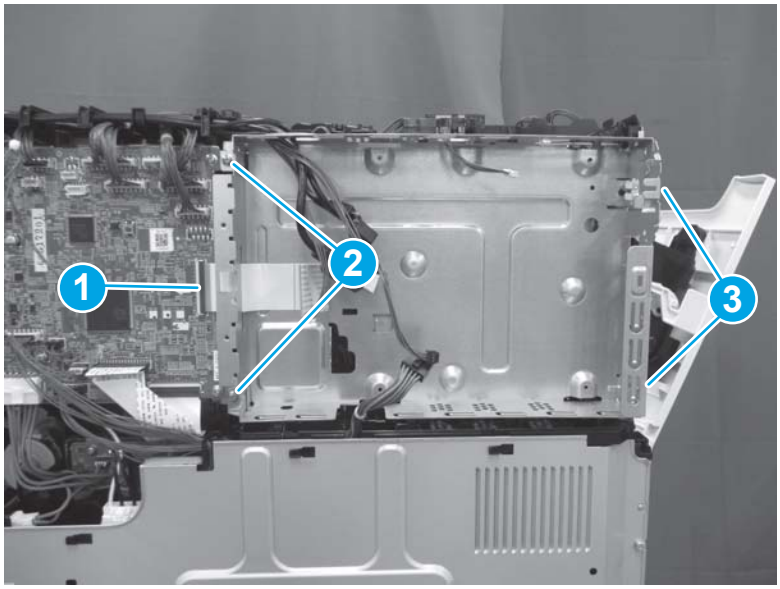


Step 21: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

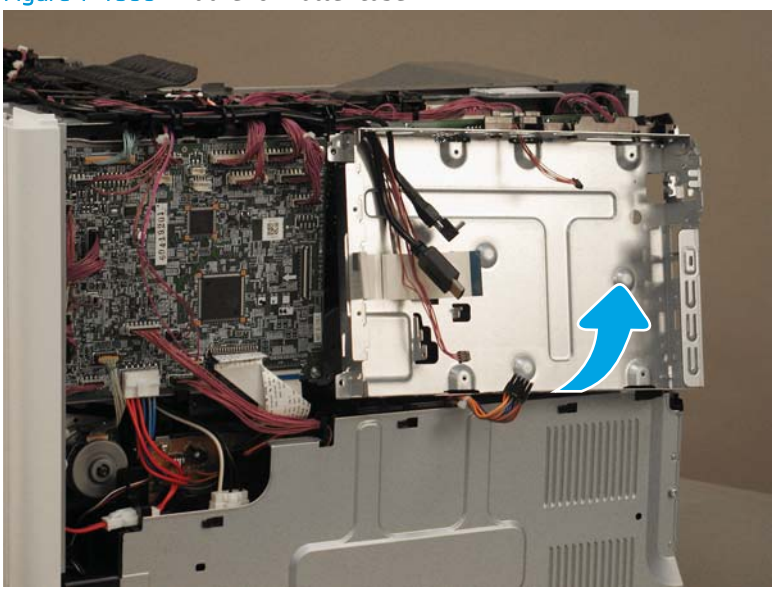
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1598 Disconnect one connector and remove four screws



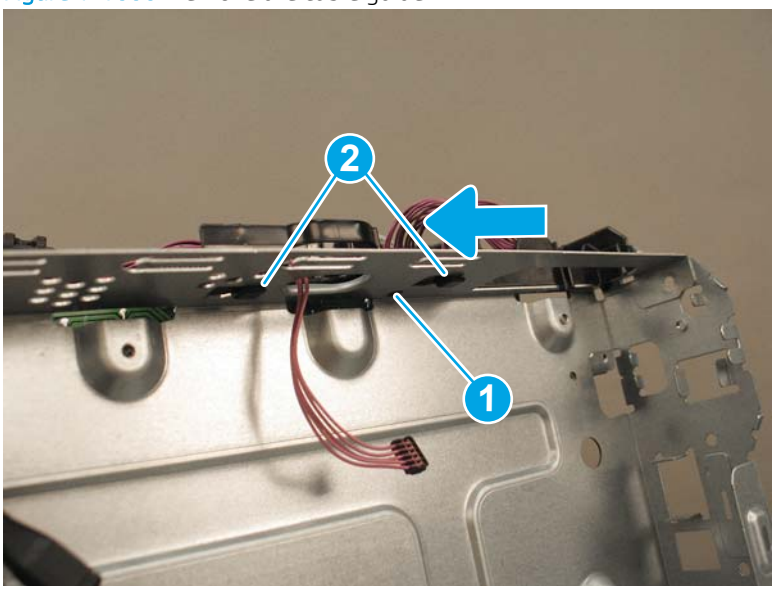
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1599 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1600 Remove the cable guide



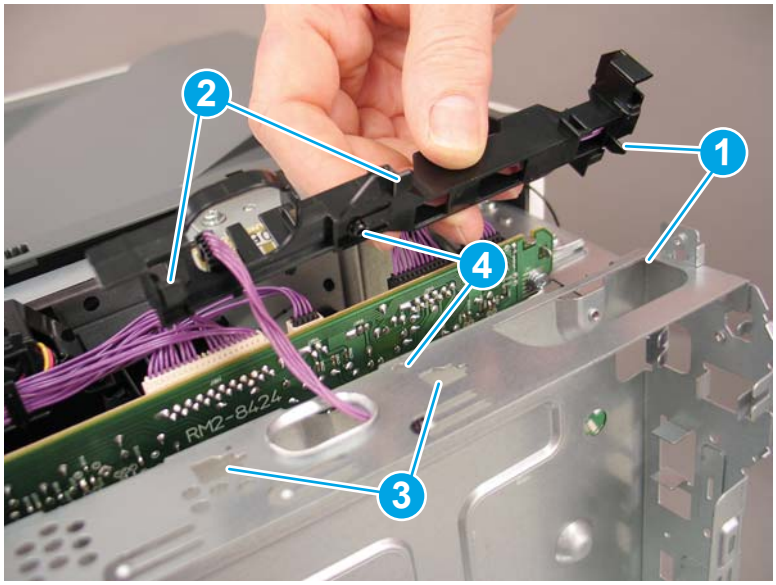
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

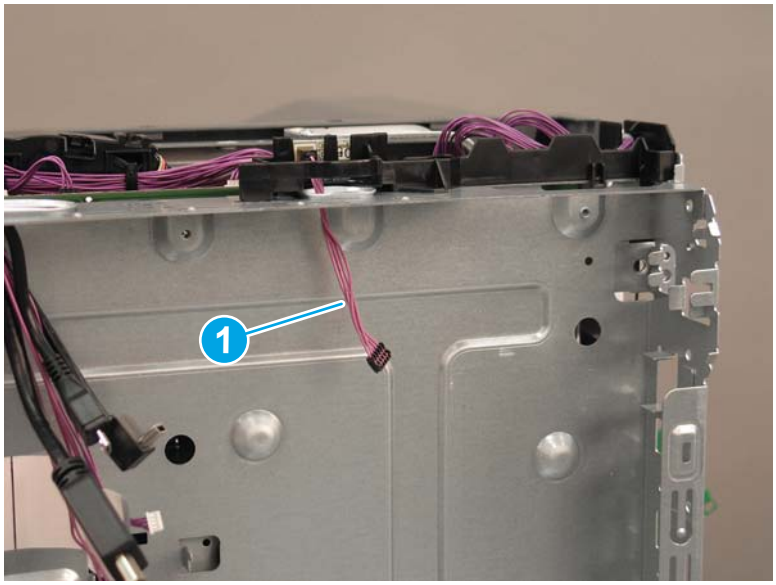
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1601 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

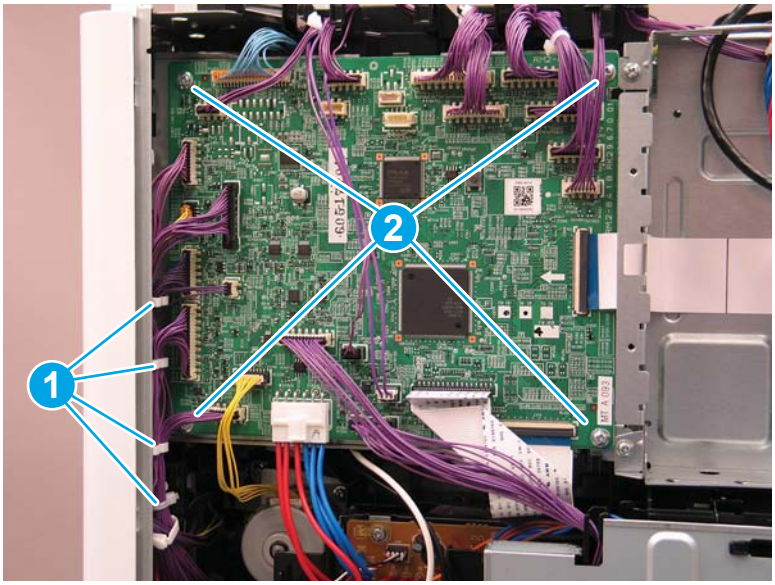
Figure 1-1602 Check the IOD cable



Step 22: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1603 Remove the DC controller PCA



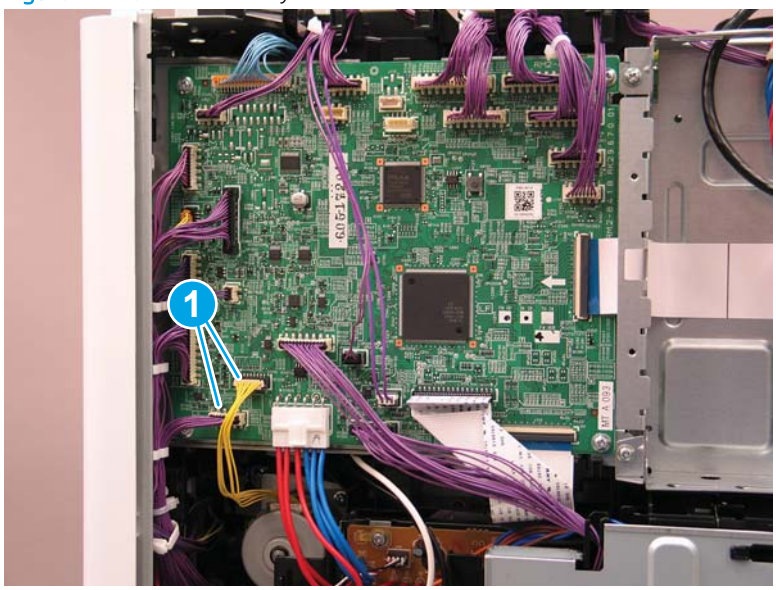
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

- Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

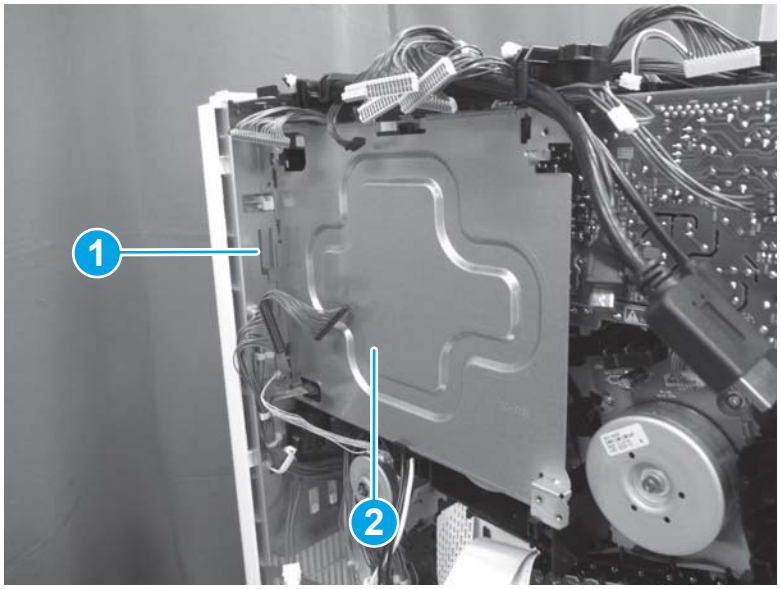
Figure 1-1604 Check the yellow cable



Step 23: Remove the DC controller stay

- Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

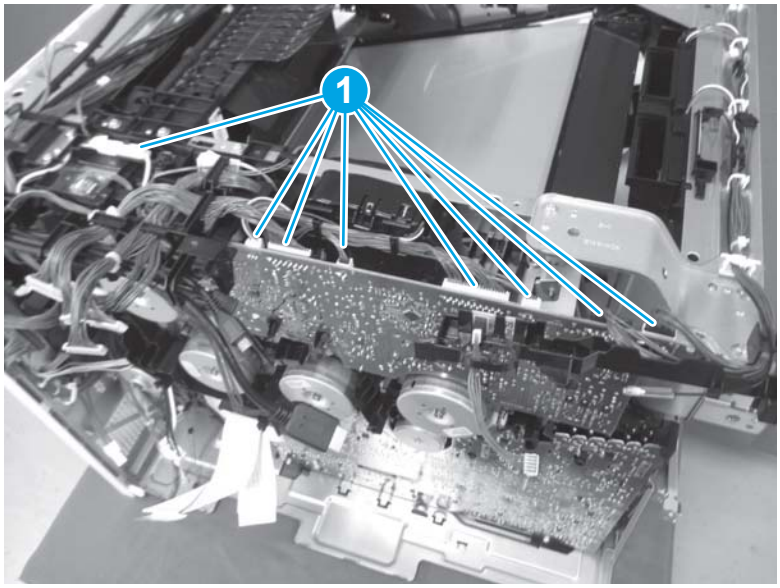
Figure 1-1605 Remove the DC controller stay



Step 24: Remove the upper high-voltage power supply (HVPS)

1. Disconnect eight connectors (callout 1).

Figure 1-1606 Disconnect eight connectors

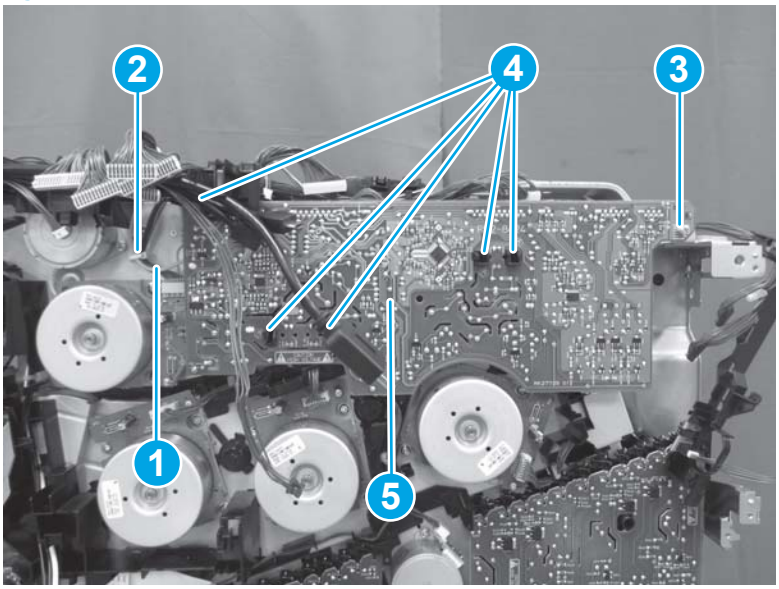


2. Release the cable (callout 1) from the retainer (callout 2). Remove one screw (callout 3), release fiv tabs (callout 4), and then remove the upper HVPS (callout 5).

Reinstallation tip: The screw (callout 3) is a grounding screw with a washer attached. Make sure that this screw and washer are installed in the correct position.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1607 Remove the upper HVPS

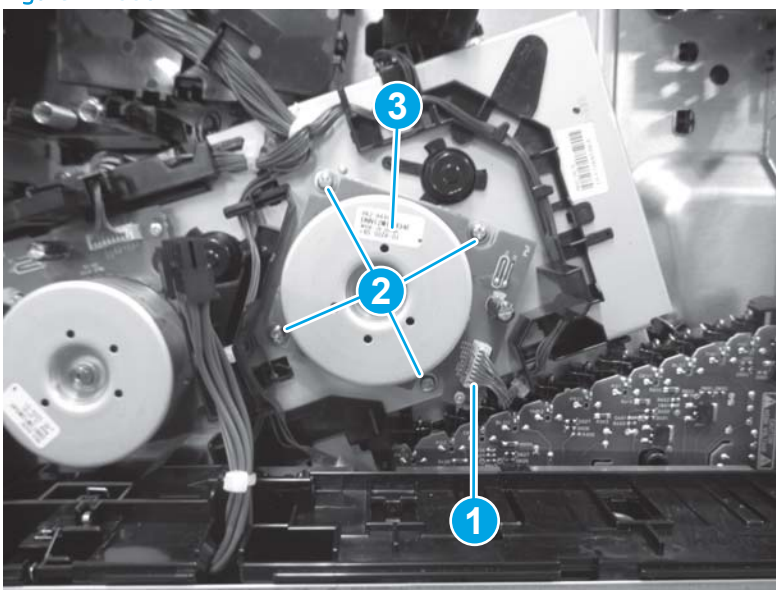


Step 25: Remove drum motor 1

▲ Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 1 (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1608 Remove drum motor 1



Step 26: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drum motor 2

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 6: Remove the formatter
- Step 7: Remove the formatter case
- Step 8: Remove the DC controller PCA
- Step 9: Remove the DC controller stay
- Step 10: Remove drum motor 2
- Step 11: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace drum motor 2.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drum motor 2 part number	
RM2-1956-000CN	Drum motor 2

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

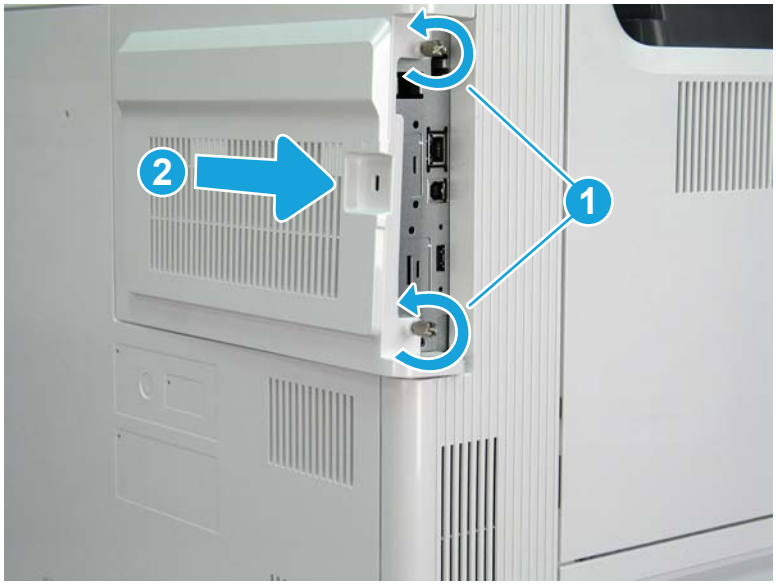
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

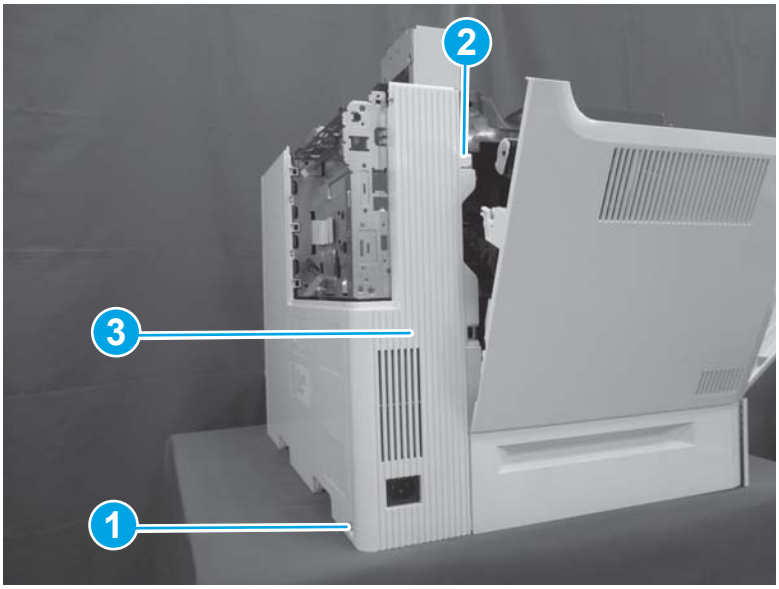
Figure 1-1609 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1610 Remove the left rear cover



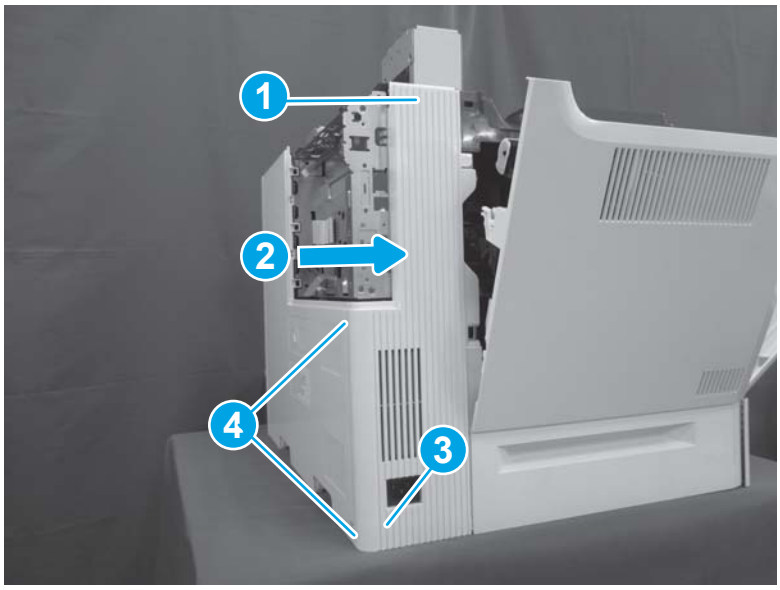
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1611 Install the left rear cover

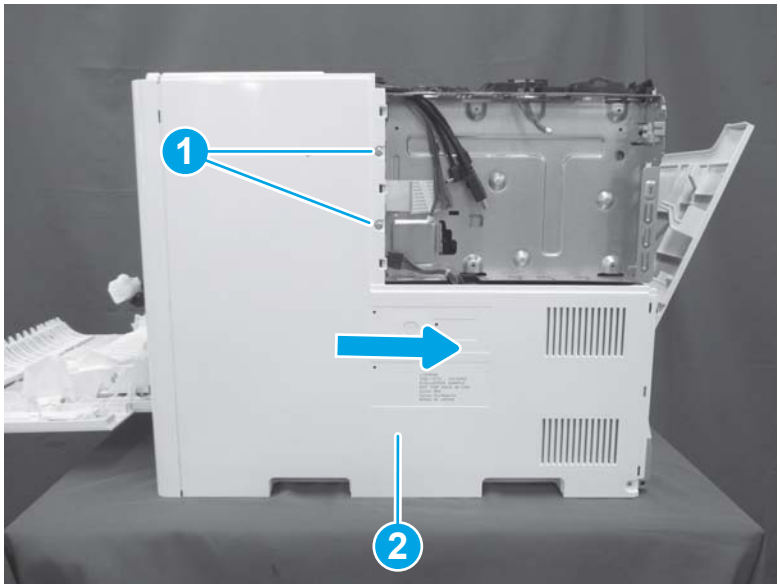


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1612 Remove two screws and the rear cover



Step 4: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for the fax printers. For non-fax printers, skip this step and go to Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 1020

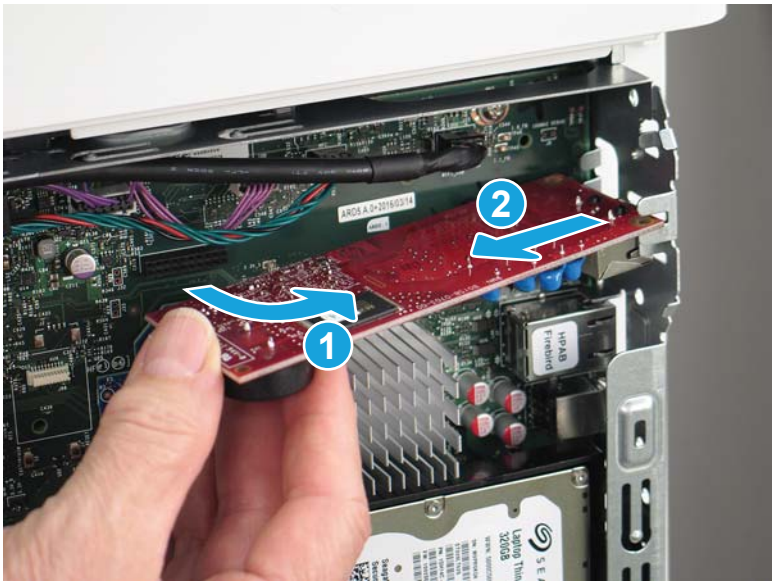
1. Locate the fax PCA on the formatter.

Figure 1-1613 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

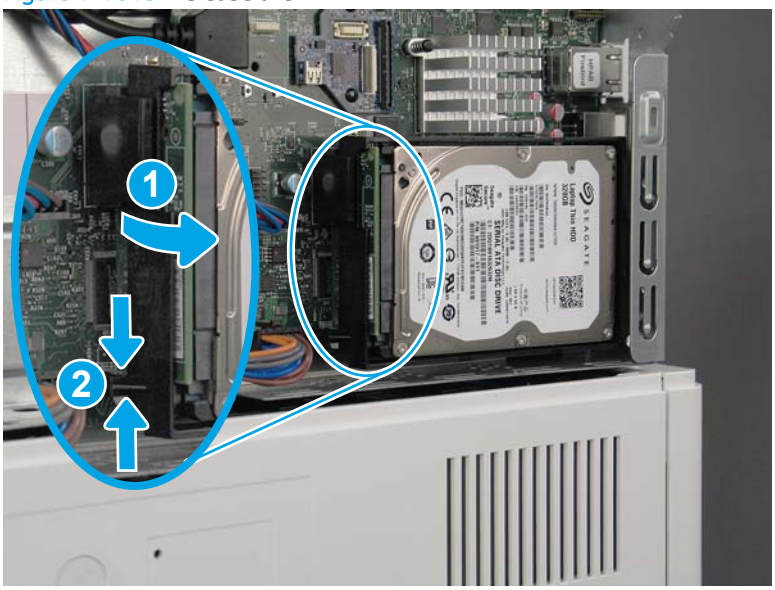
Figure 1-1614 Remove the fax PCA



Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

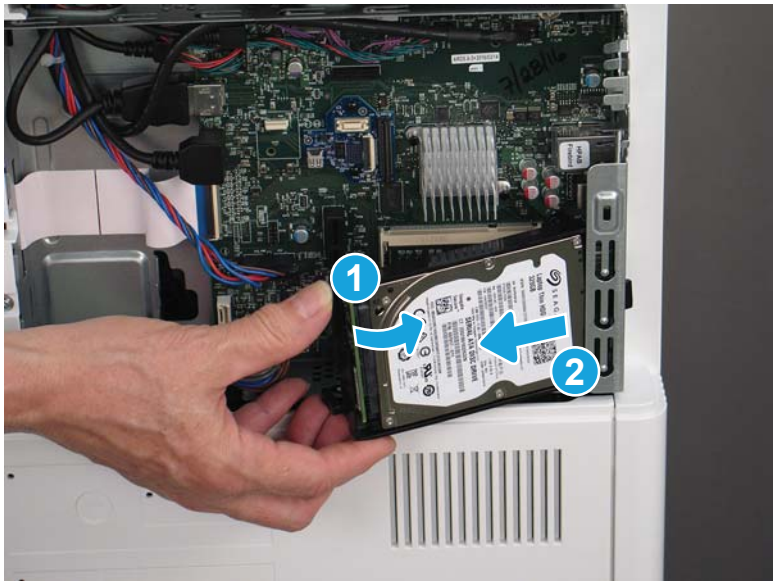
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1615 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1616 Remove the HDD



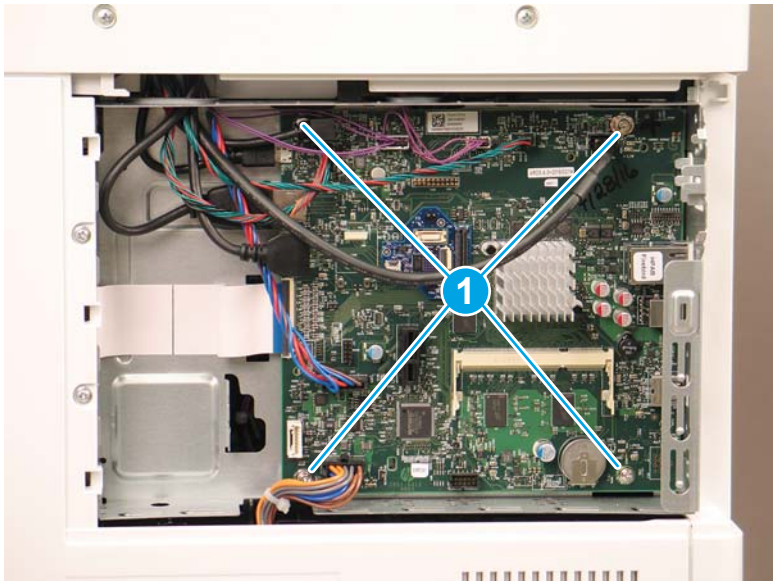
Step 6: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1617 Remove the formatter

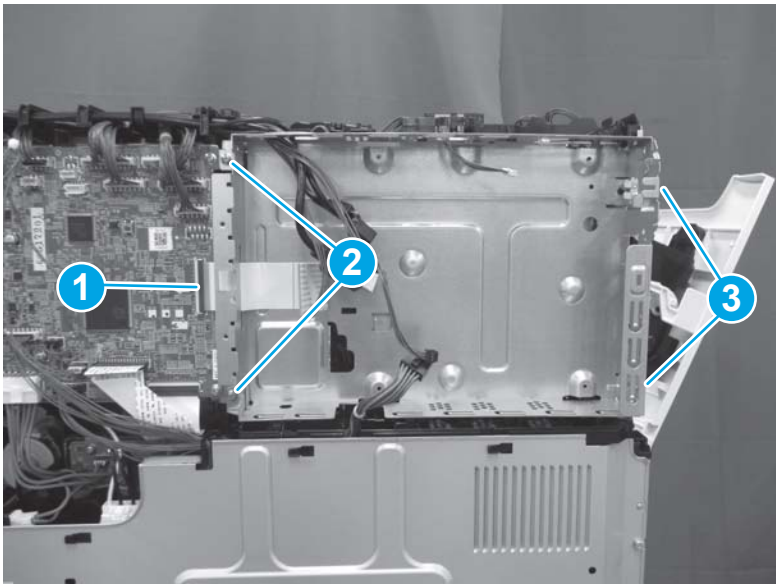


Step 7: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

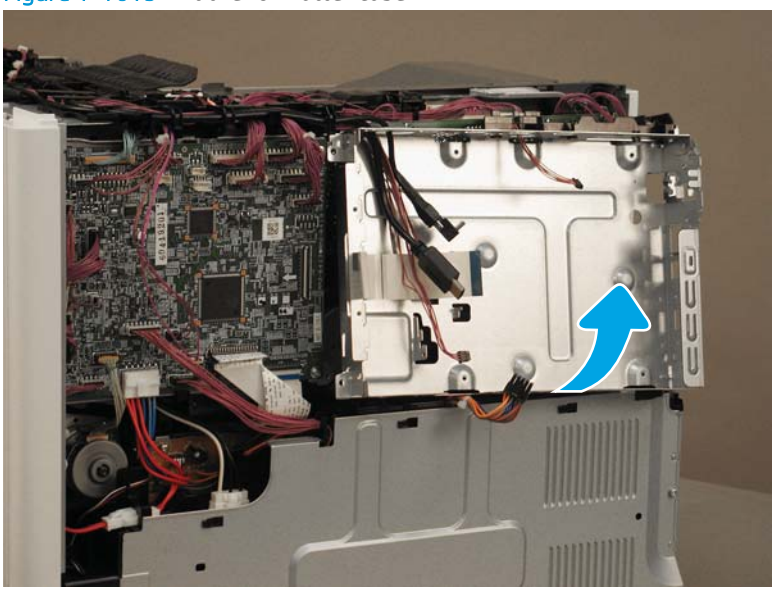
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1618 Disconnect one connector and remove four screws



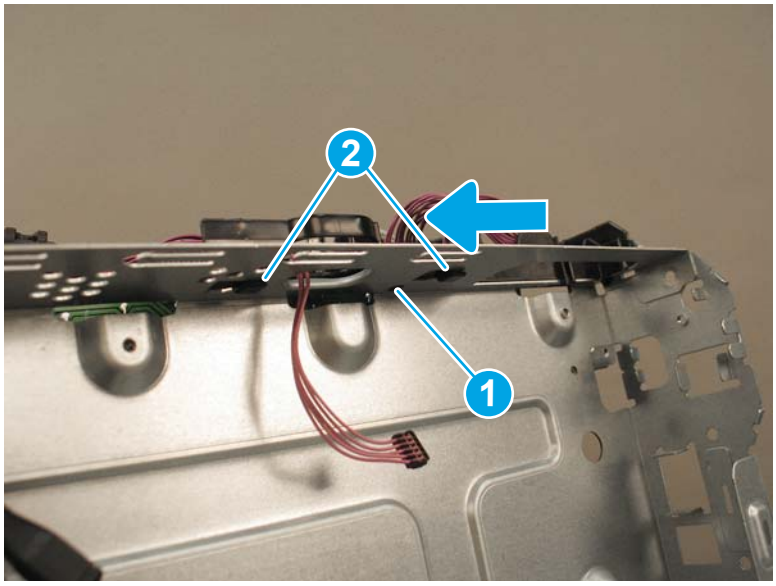
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1619 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1620 Remove the cable guide



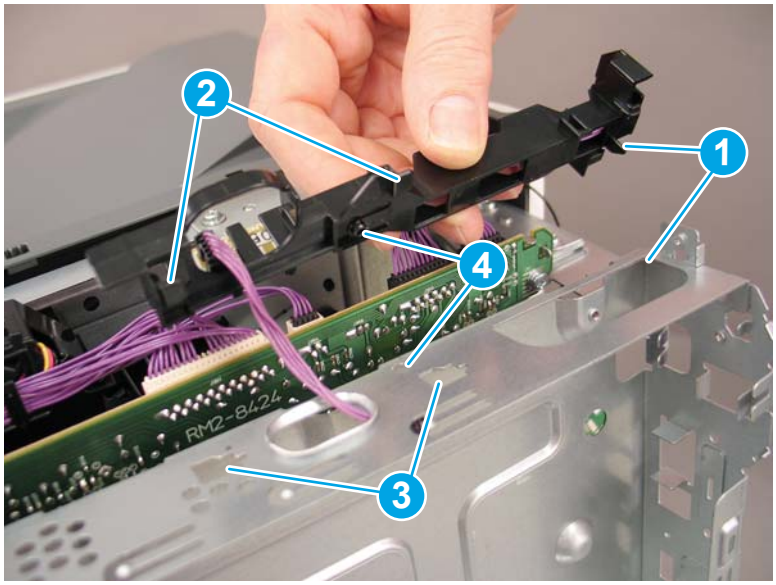
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

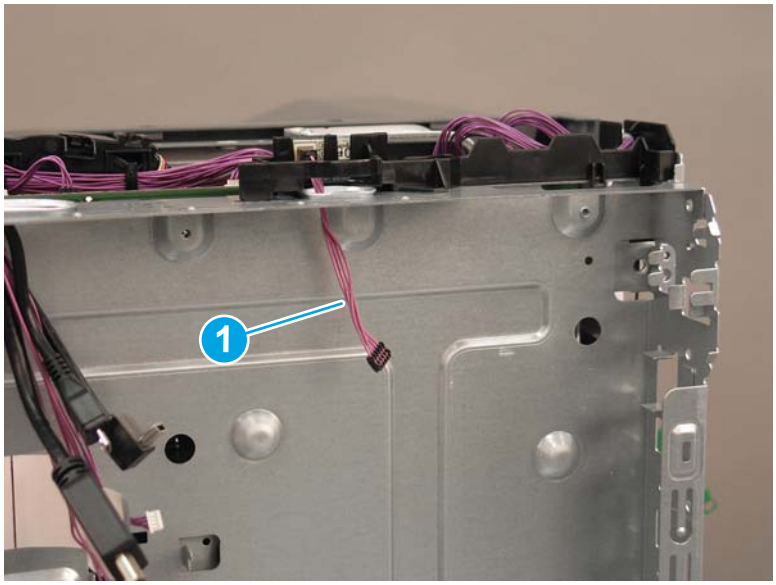
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1621 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

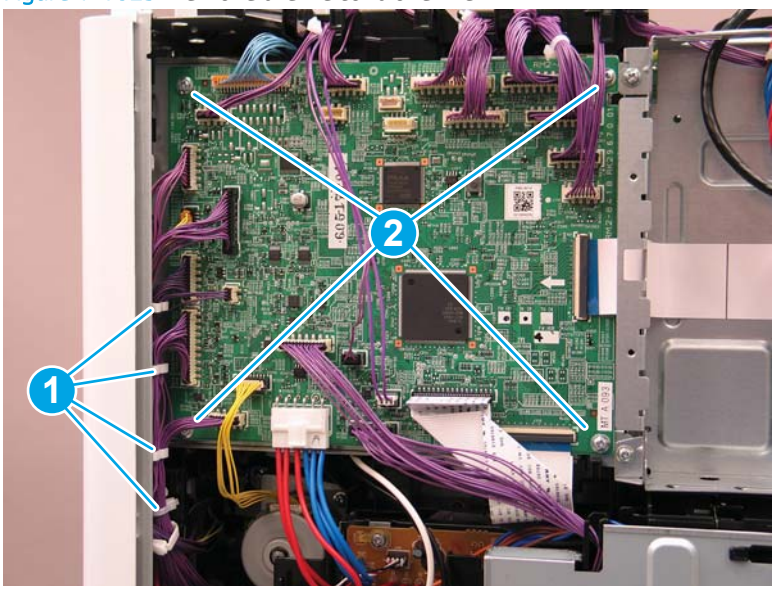
Figure 1-1622 Check the IOD cable



Step 8: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1623 Remove the DC controller PCA



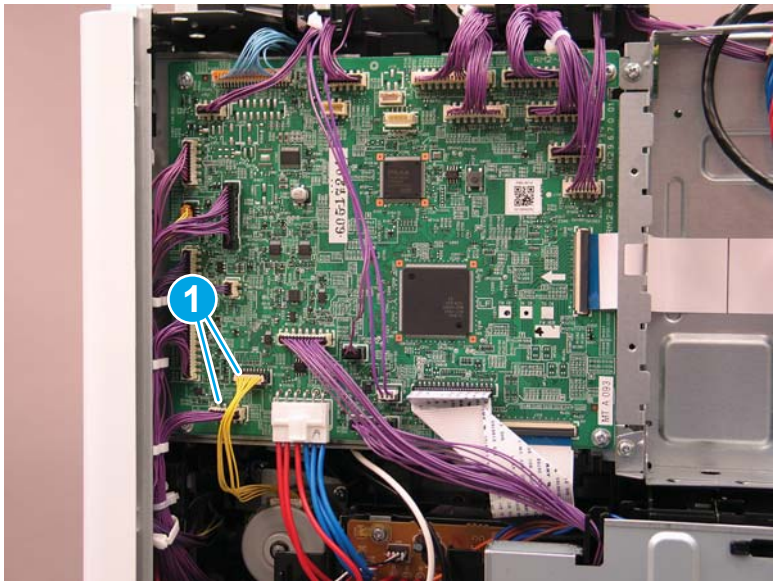
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

▲ Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

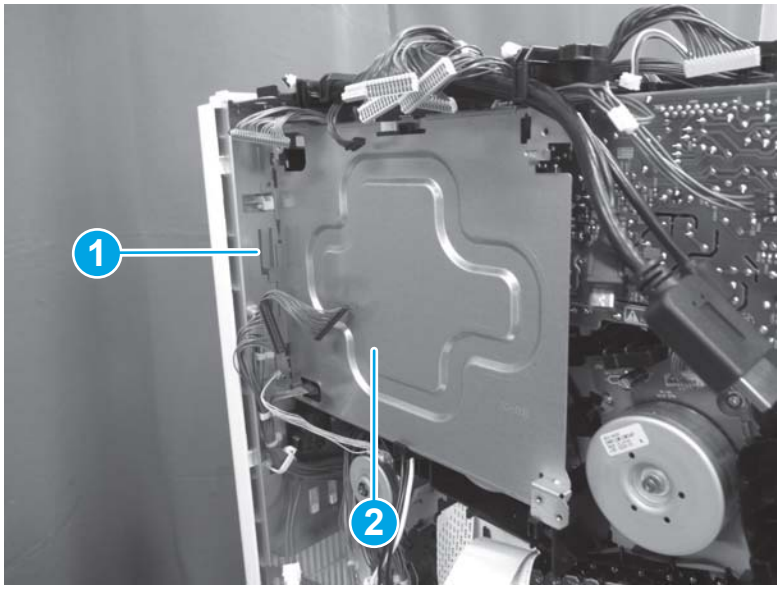
Figure 1-1624 Check the yellow cable



Step 9: Remove the DC controller stay

- Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

Figure 1-1625 Remove the DC controller stay

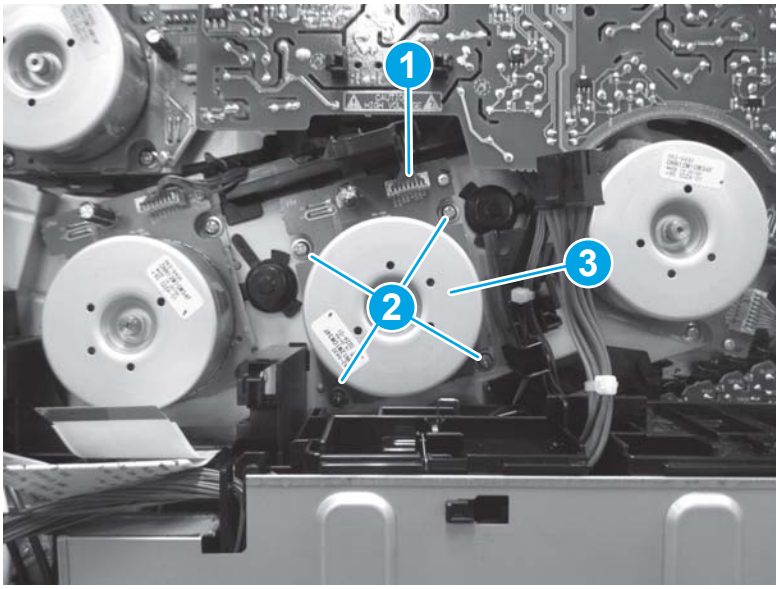


Step 10: Remove drum motor 2

- Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 2 (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1626 Remove drum motor 2



Step 11: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drum motor 3

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 6: Remove the formatter
- Step 7: Remove the formatter case
- Step 8: Remove the DC controller PCA
- Step 9: Remove the DC controller stay
- Step 10: Remove drum motor 3
- Step 11: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace drum motor 3.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drum motor 3 part number	
RM2-1956-000CN	Drum motor 3

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

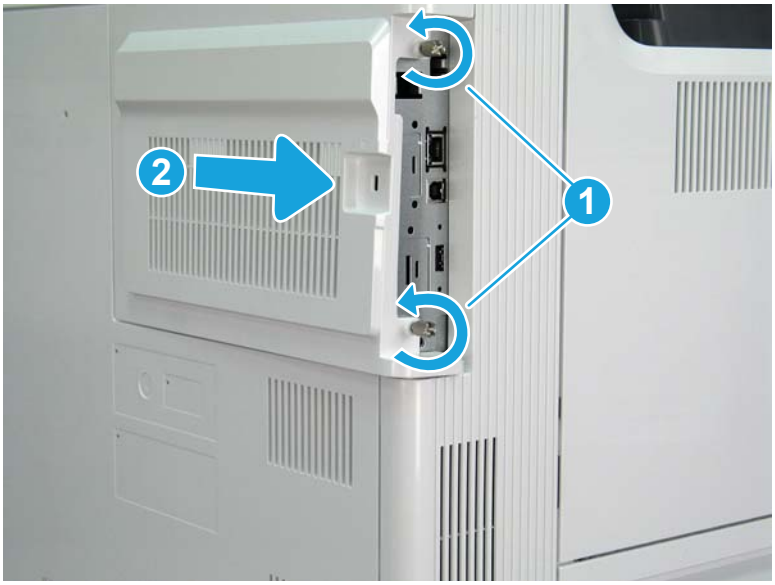
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

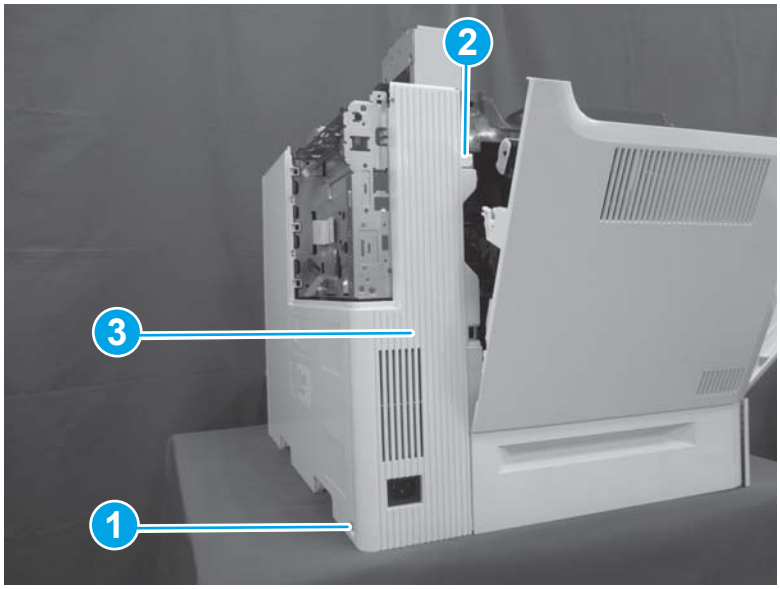
Figure 1-1627 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1628 Remove the left rear cover



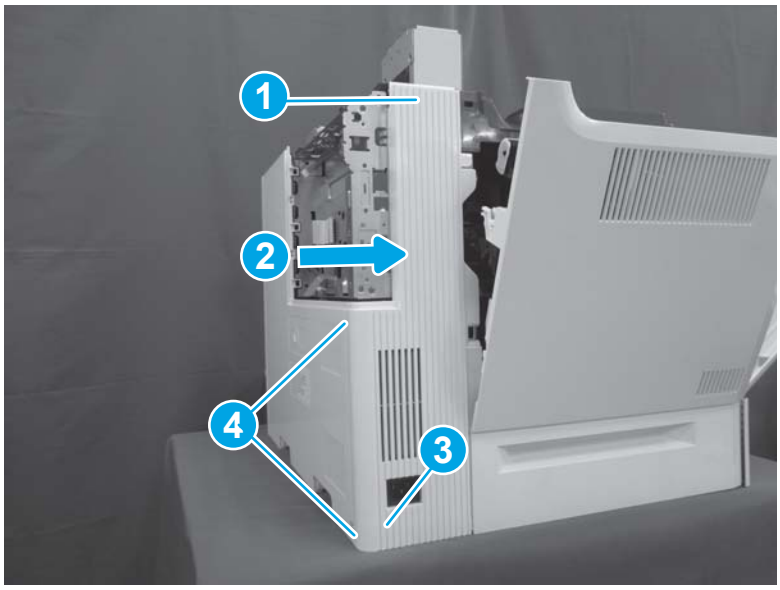
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1629 Install the left rear cover

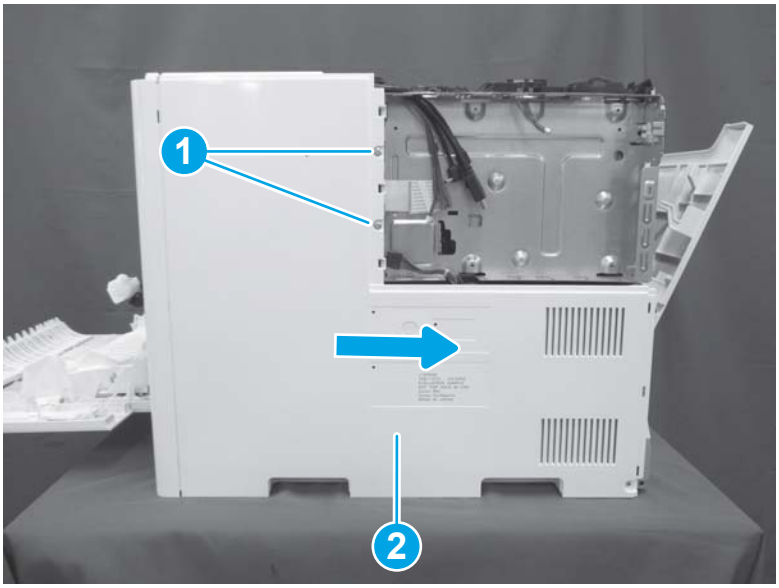


Step 3: Remove the rear cover

- Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1630 Remove two screws and the rear cover



Step 4: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for fax printers. For non-fax printers, skip this step and go to Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 1031

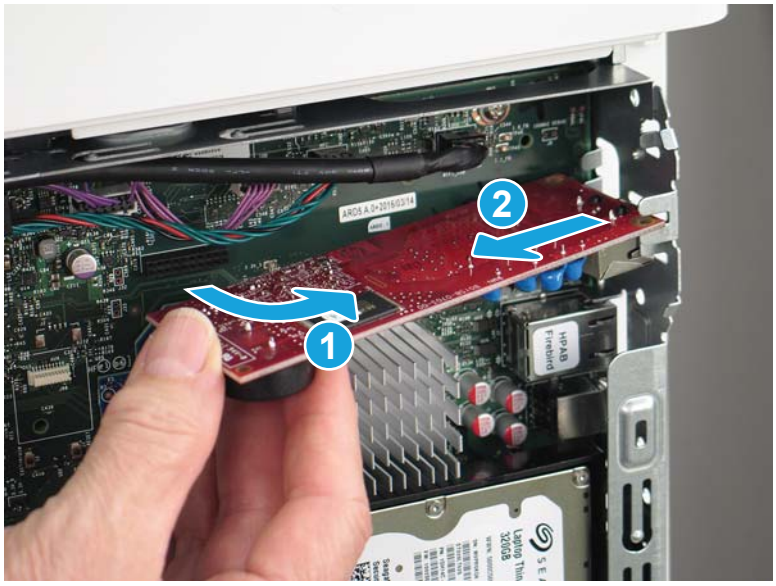
1. Locate the fax PCA on the formatter.

Figure 1-1631 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

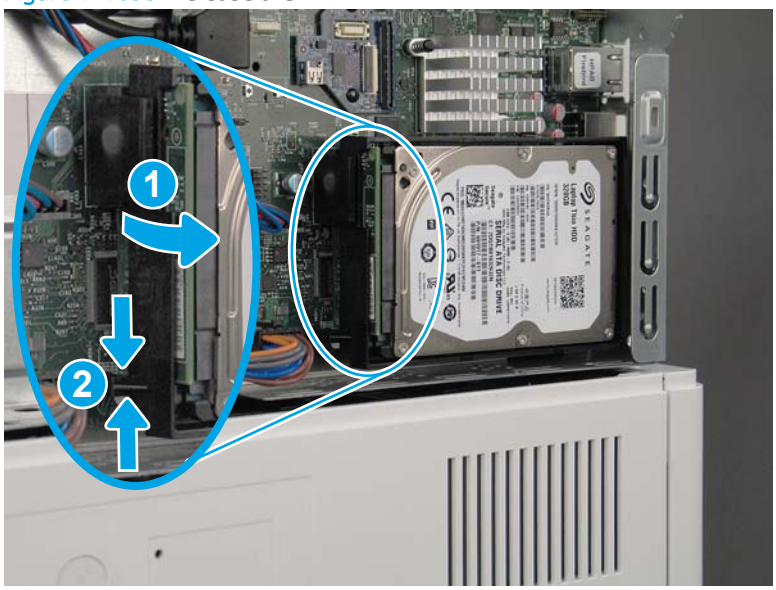
Figure 1-1632 Remove the fax PCA



Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

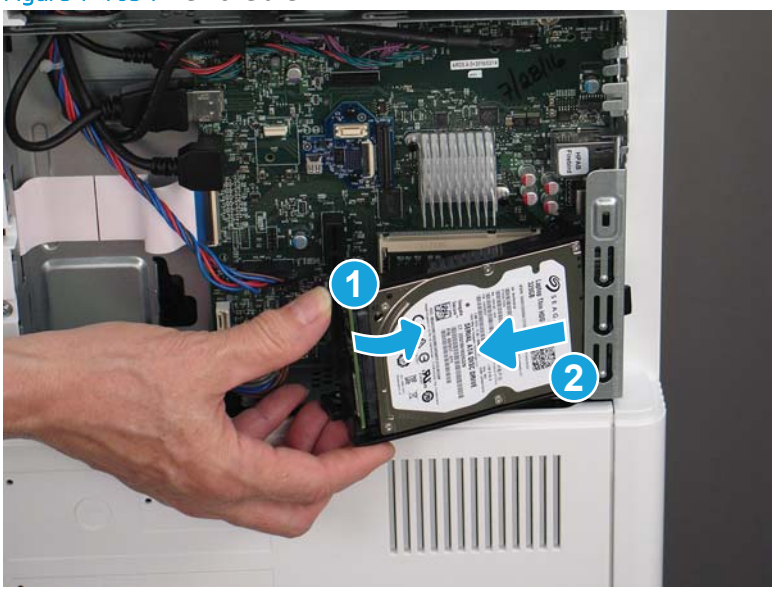
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1633 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1634 Remove the HDD



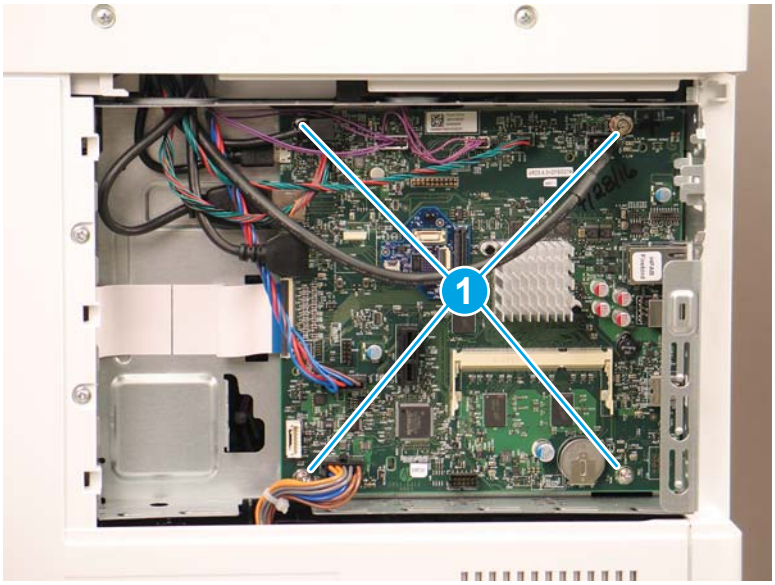
Step 6: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1635 Remove the formatter

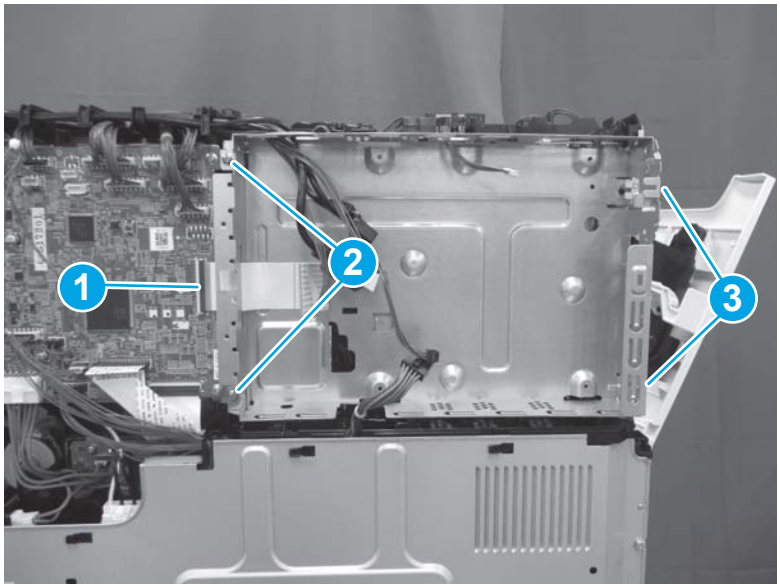


Step 7: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

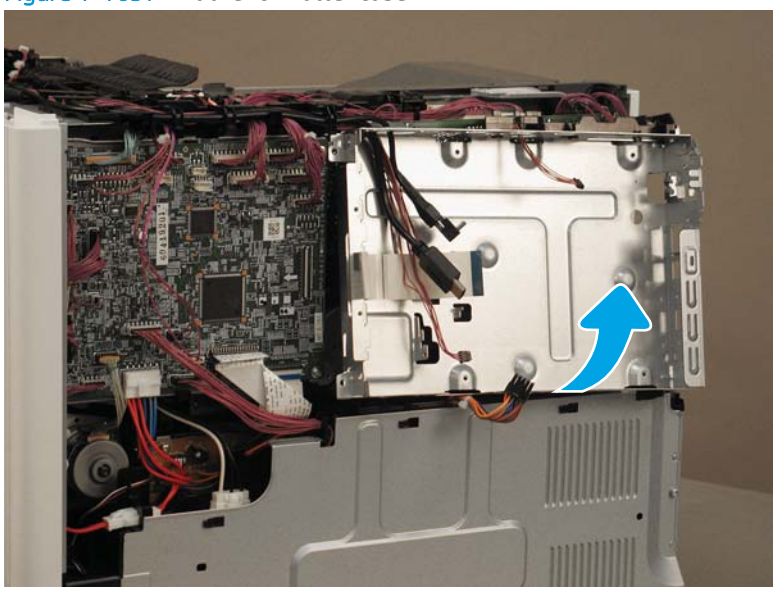
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1636 Disconnect one connector and remove four screws



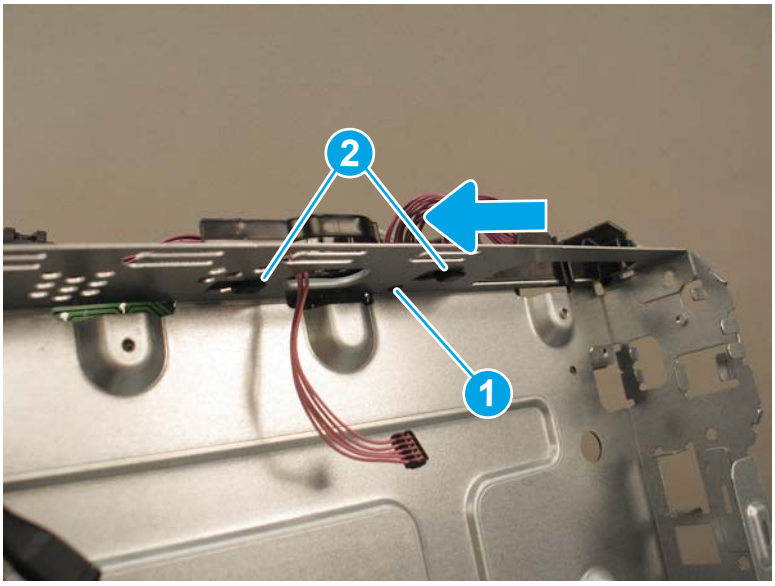
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1637 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1638 Remove the cable guide



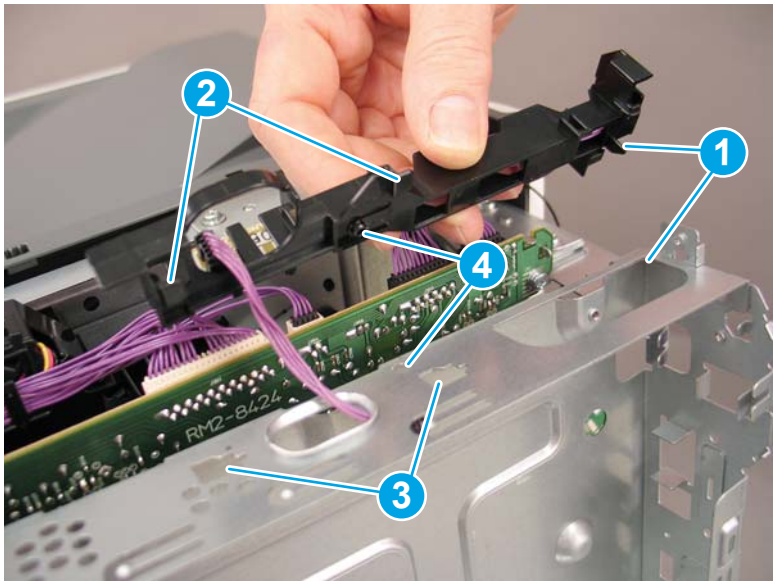
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

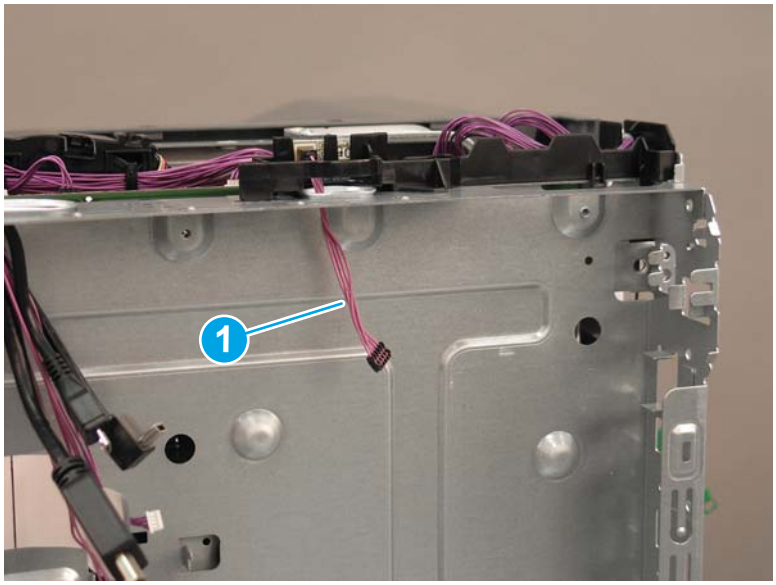
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1639 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

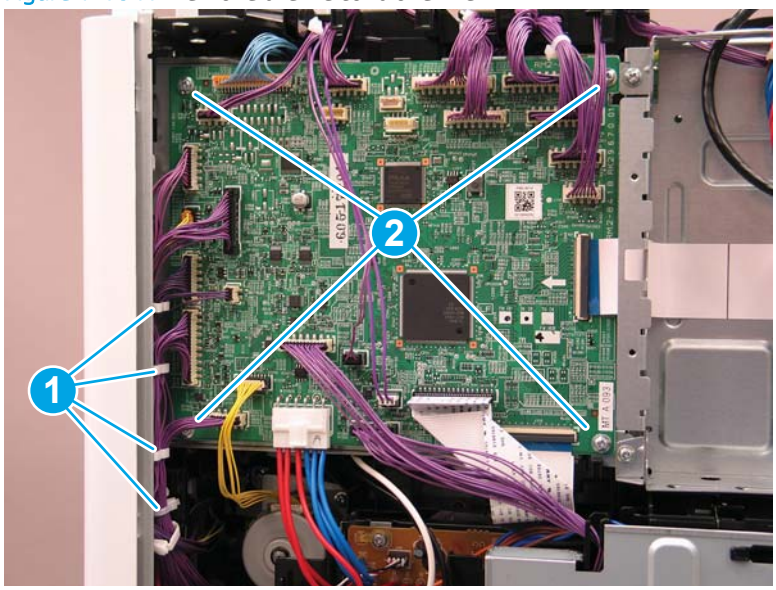
Figure 1-1640 Check the IOD cable



Step 8: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1641 Remove the DC controller PCA



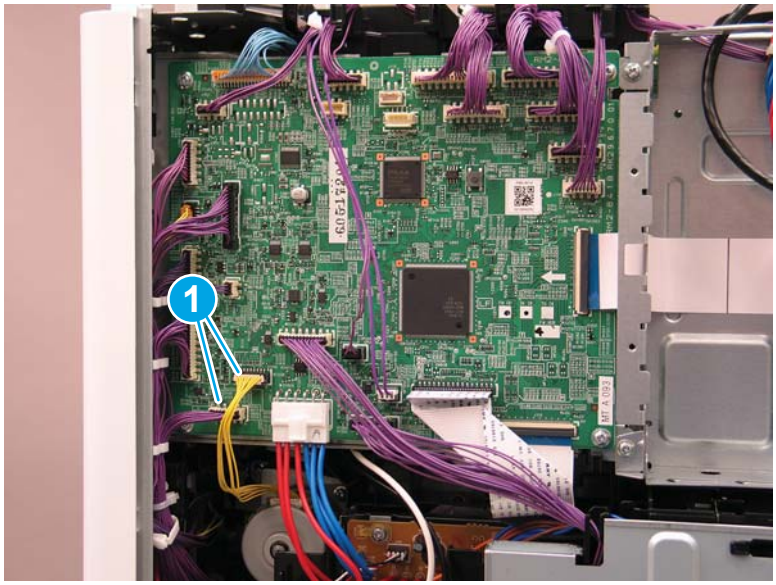
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

▲ Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

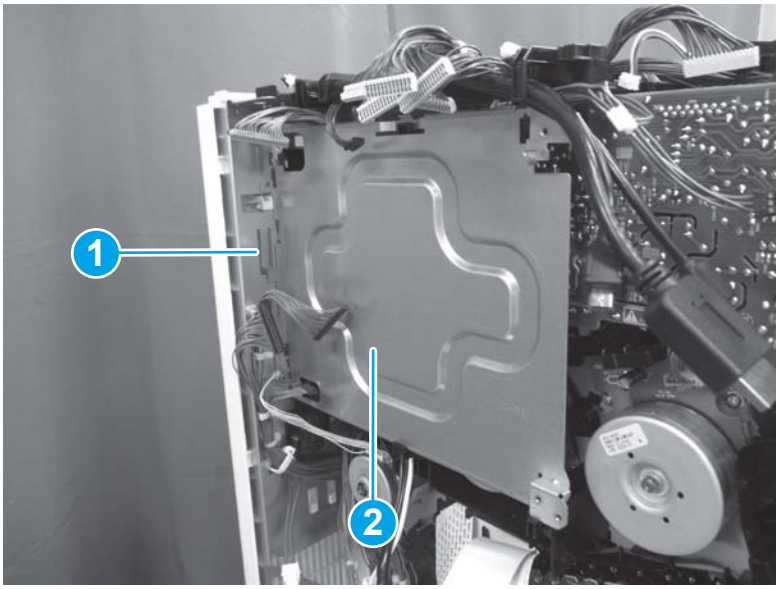
Figure 1-1642 Check the yellow cable



Step 9: Remove the DC controller stay

- Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

Figure 1-1643 Remove the DC controller stay

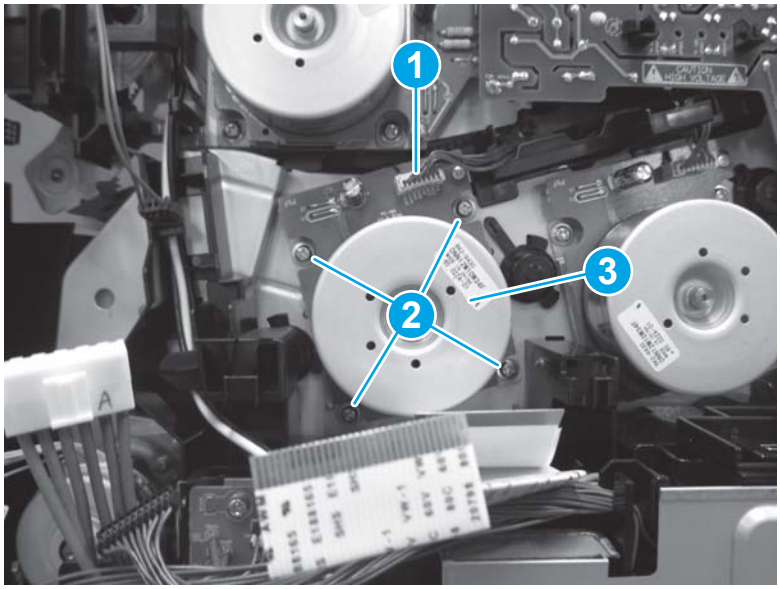


Step 10: Remove drum motor 3

- Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 3 (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1644 Remove drum motor 3



Step 11: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Main drive assembly

- Introduction
- Step 1: Remove the fuser
- Step 2: Remove the intermediate transfer belt (ITB)
- Step 3: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 4: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 6: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 7: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 13: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 15: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 16: Remove the output bin
- Step 17: Remove the formatter cover
- Step 18: Remove the left rear cover
- Step 19: Remove the rear cover
- Step 20: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 21: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 22: Remove the formatter
- Step 23: Remove the formatter case
- Step 24: Remove the DC controller PCA
- Step 25: Remove the DC controller stay
- Step 26: Remove the upper high-voltage power supply (HVPS)
- Step 27: Remove the low-voltage power supply (LVPS) and fan
- Step 28: Remove the lower high-voltage power supply (HVPS)
- Step 29: Remove the main drive assembly

- Step 30: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the main drive assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Main drive assembly part number	
RM2-1927-000CN	Main drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the fuser

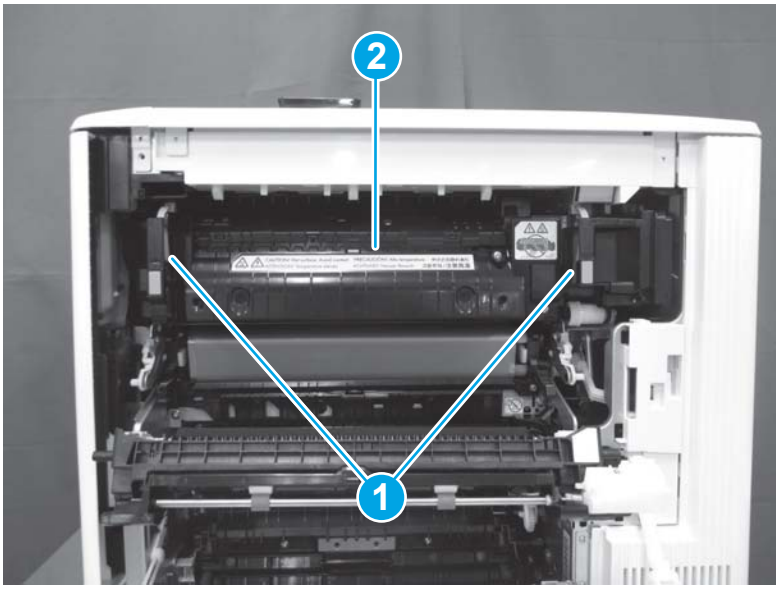
1. Open the right door.

Figure 1-1645 Open the right door



2. Grasp the handles (callout 1), and then pull away from the printer to remove the fuser (callout 2).

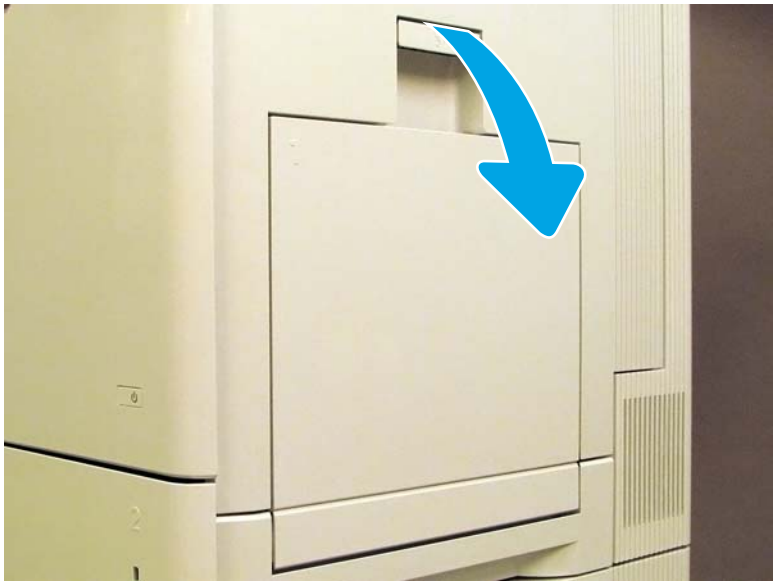
Figure 1-1646 Remove the fuser



Step 2: Remove the intermediate transfer belt (ITB)

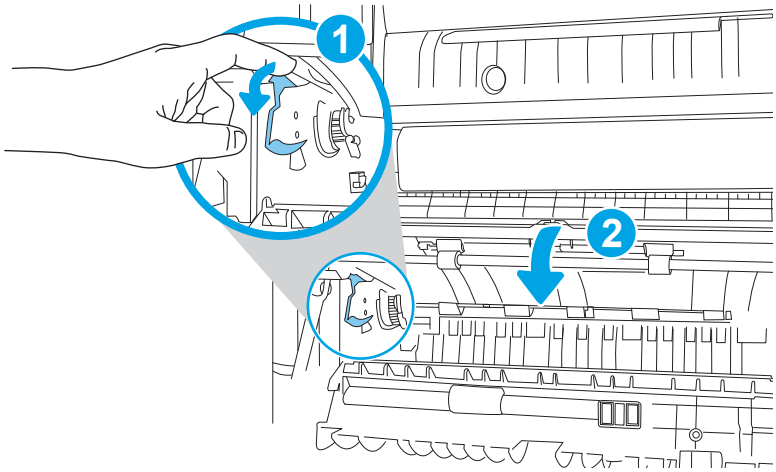
1. Open the right door.

Figure 1-1647 Open the right door



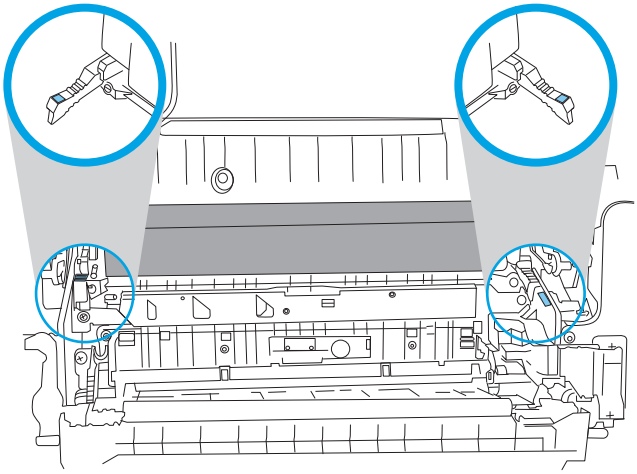
2. Release the blue latch (callout 1), and then lower the transfer assembly (callout 2).

Figure 1-1648 Lower the transfer assembly



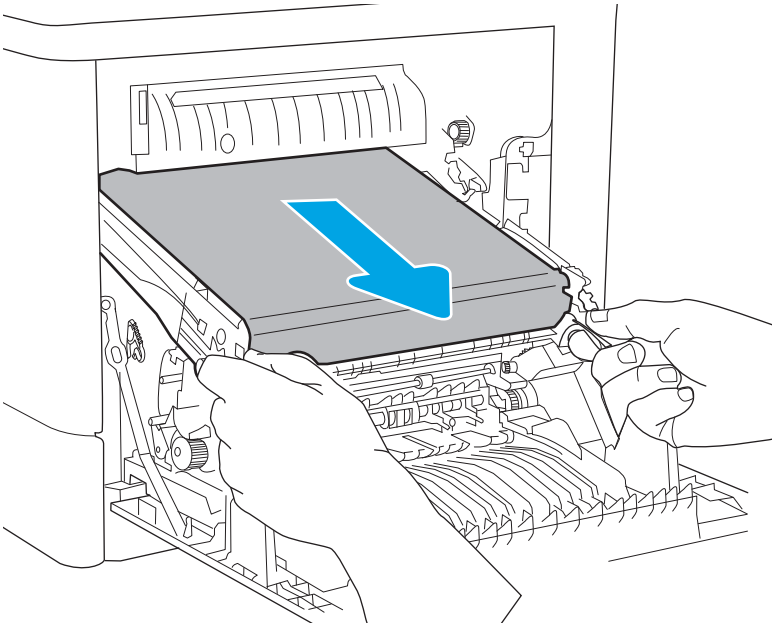
3. Grasp the two blue handles on the ITB.

Figure 1-1649 Grasp the two blue handles



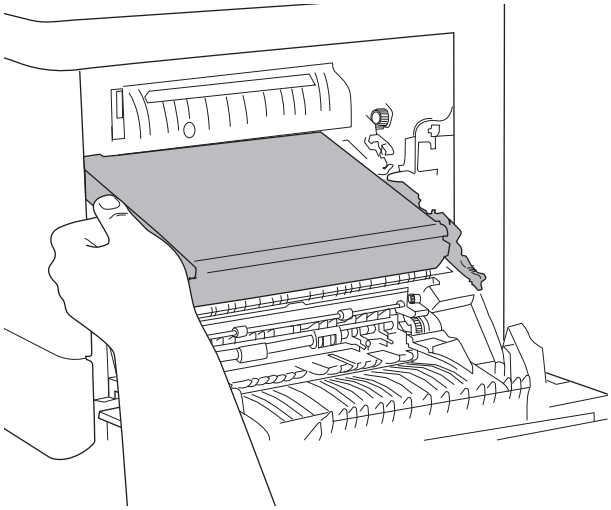
4. Pull the ITB partially out of the printer.

Figure 1-1650 Pull the ITB partially out of the printer



5. Grasp the outside edges of the ITB to support it, and then remove the ITB from the printer.

Figure 1-1651 Remove the ITB



Step 3: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for Flow printers. For non-Flow printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

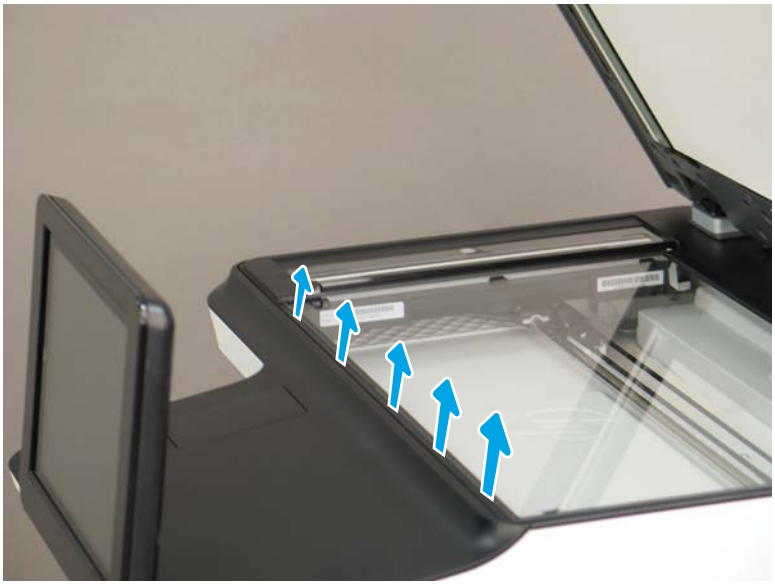
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1652 Tilt the control panel and open the document feeder



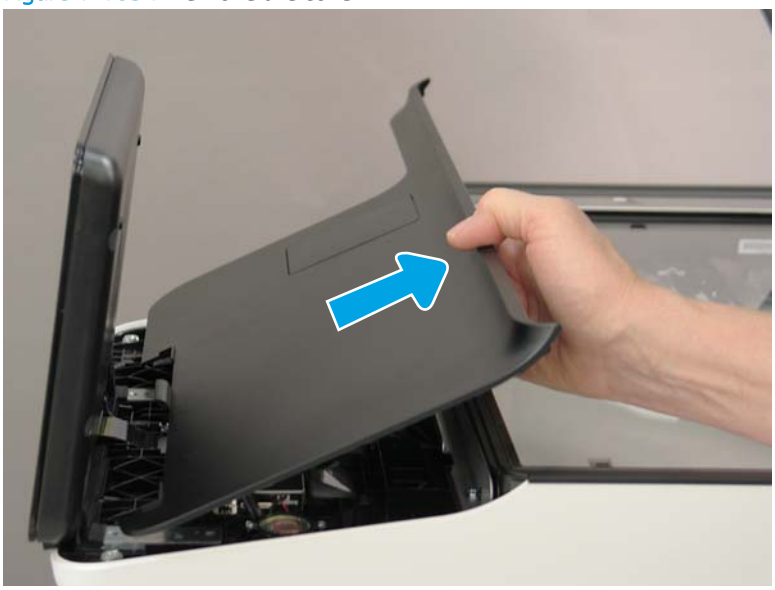
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1653 Release fiv tabs



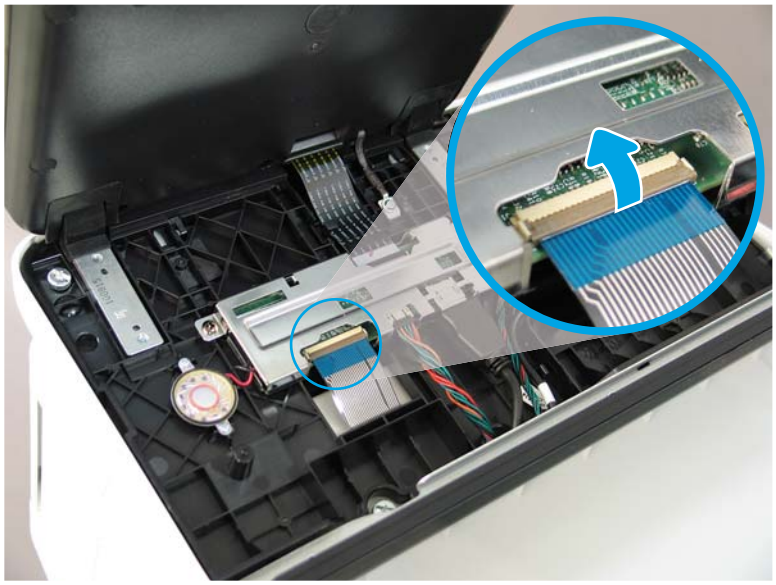
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1654 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1655 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1656 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1657 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1658 Remove the keyboard



Step 4: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

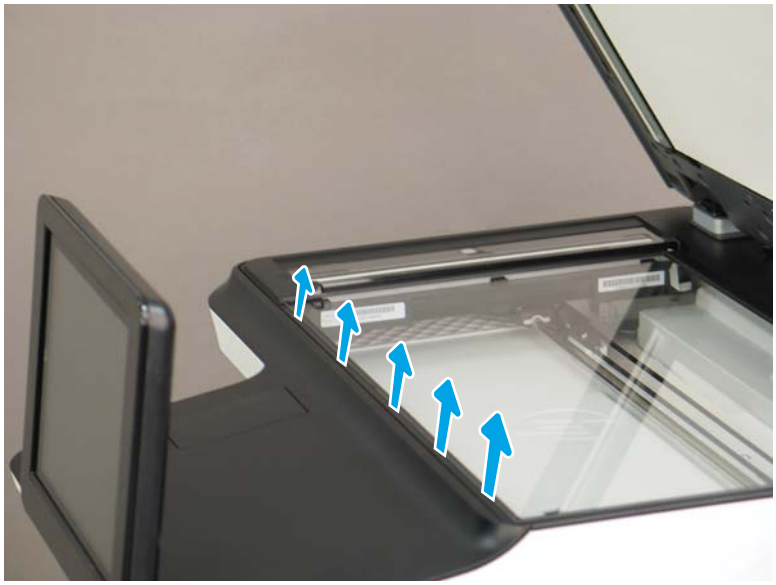
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1659 Tilt the control panel forward and open the document feeder



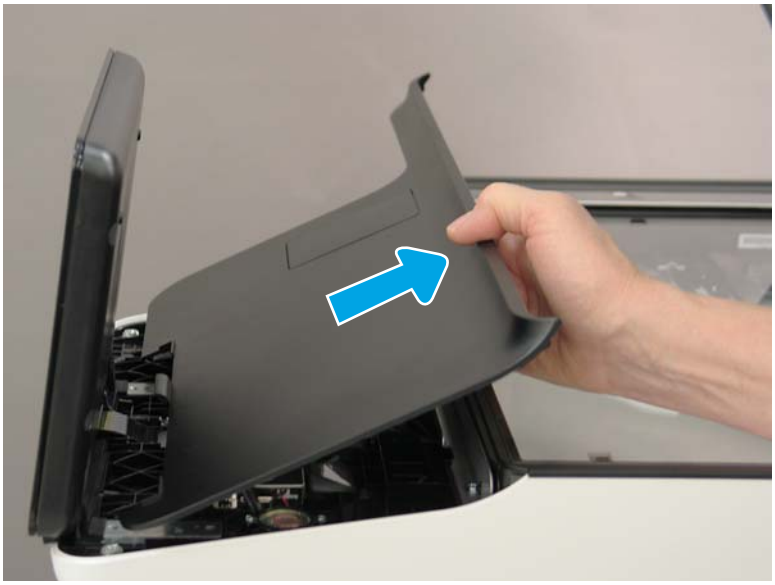
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1660 Release fiv tabs



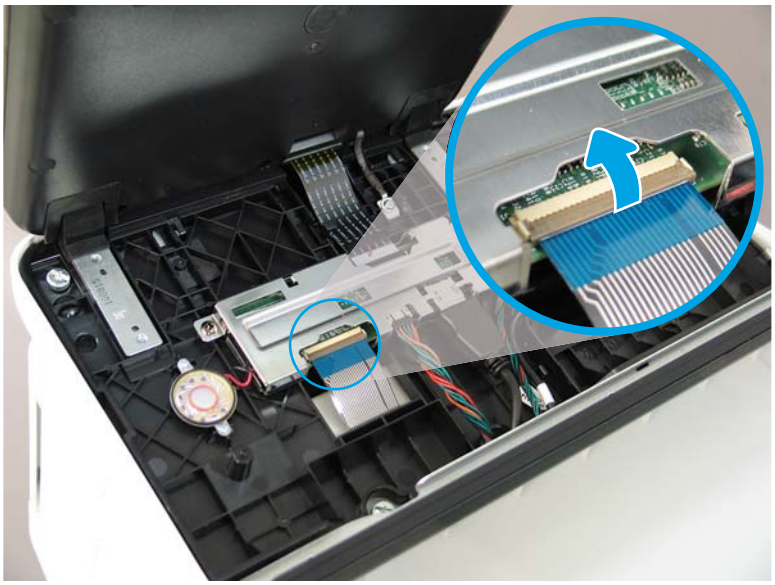
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1661 Remove the cover



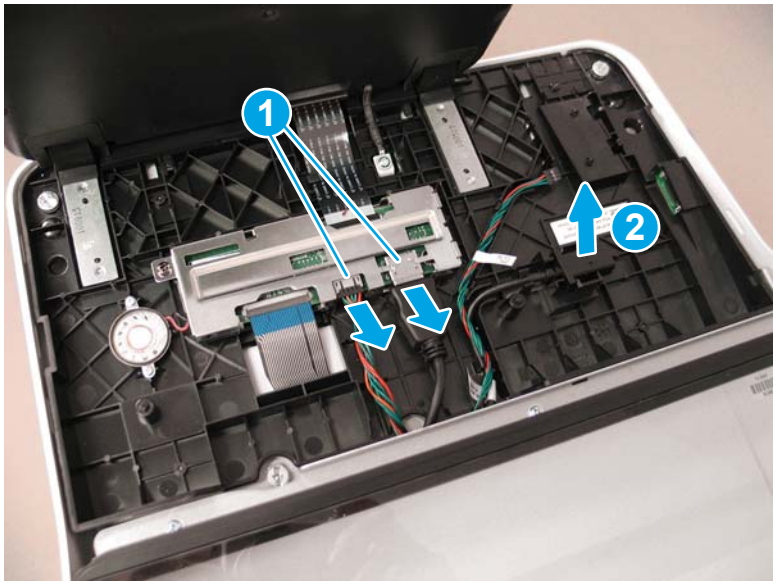
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1662 Disconnect the keyboard fla cable (keyboard models only)



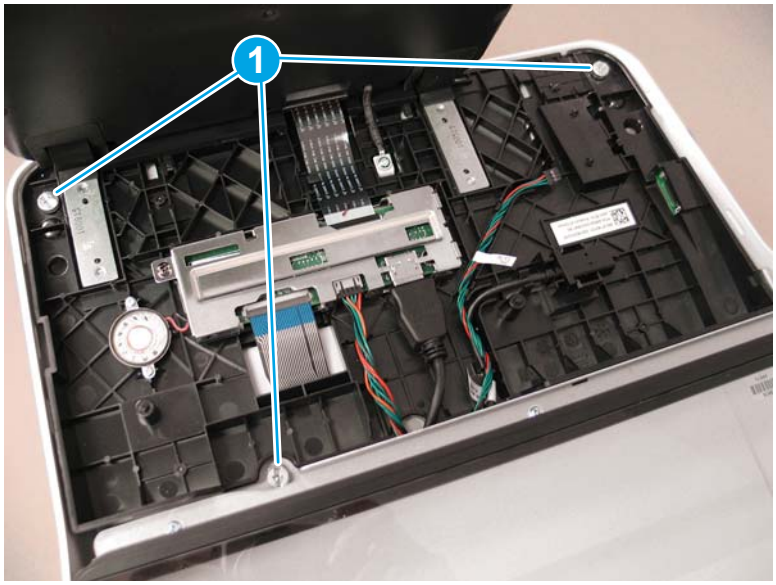
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1663 Disconnect connectors



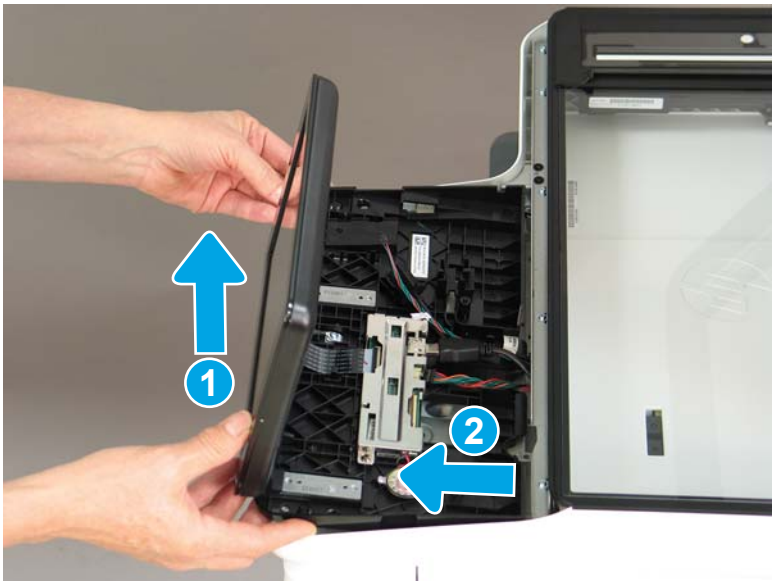
6. Remove three thumbscrews (callout 1).

Figure 1-1664 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1665 Remove the control panel

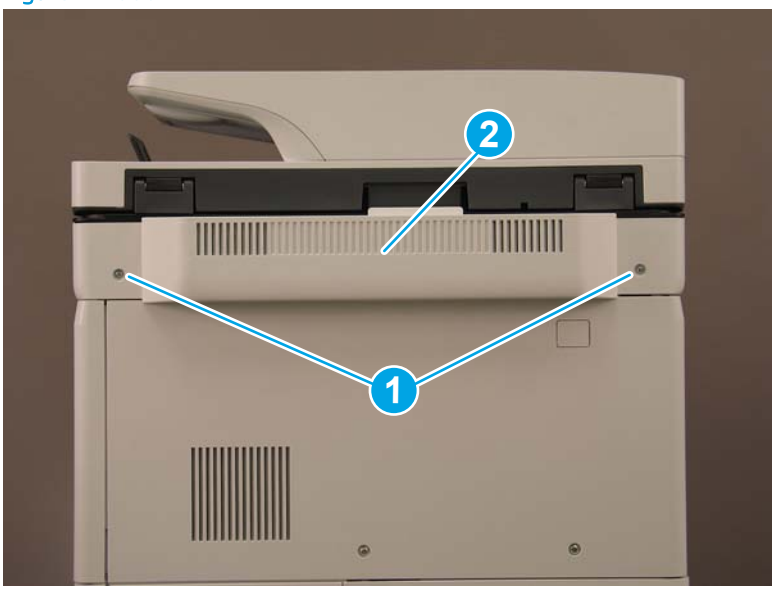


Step 5: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

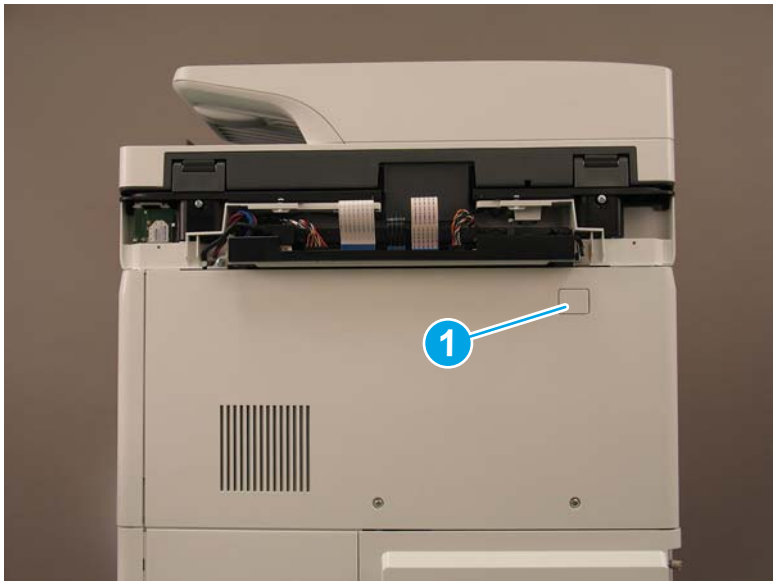
Figure 1-1666 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

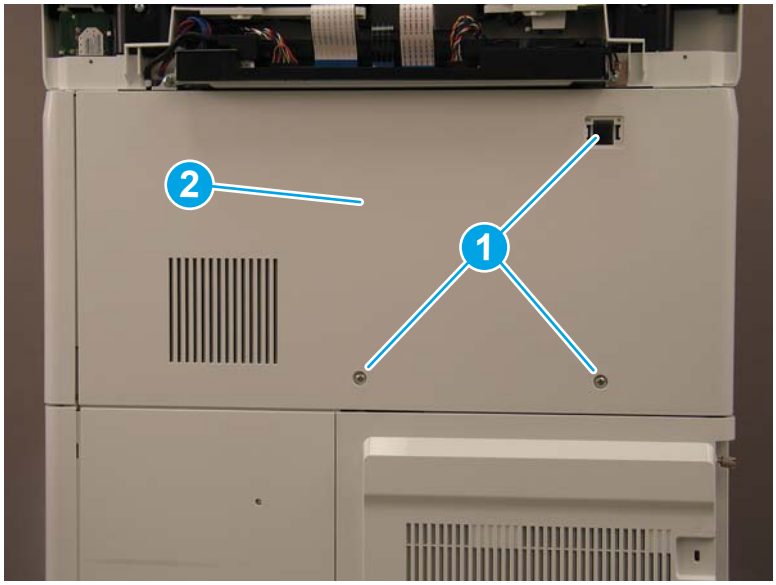
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-1667 Remove the small cover



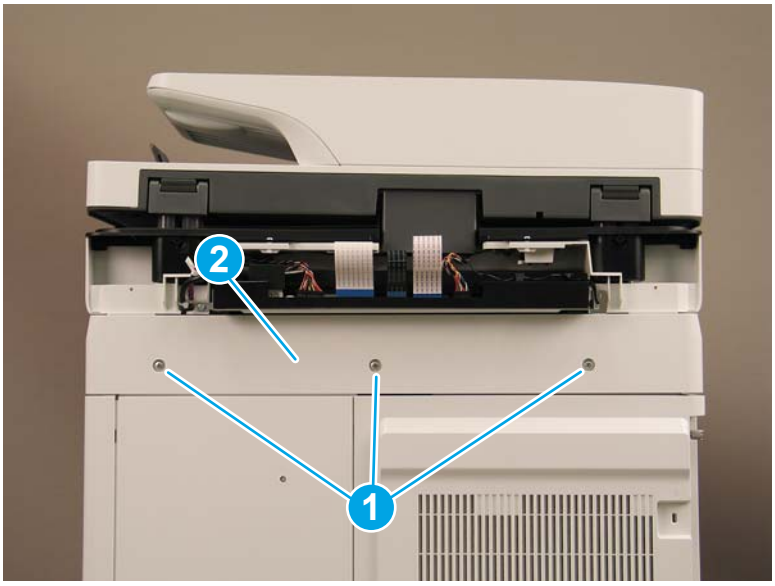
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1668 Remove the stapler/stacker rear cover



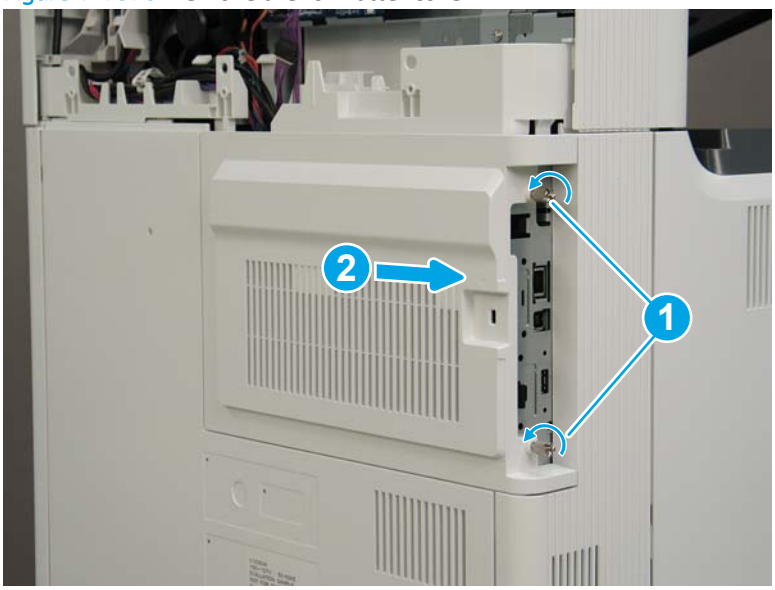
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1669 Remove the upper rear cover



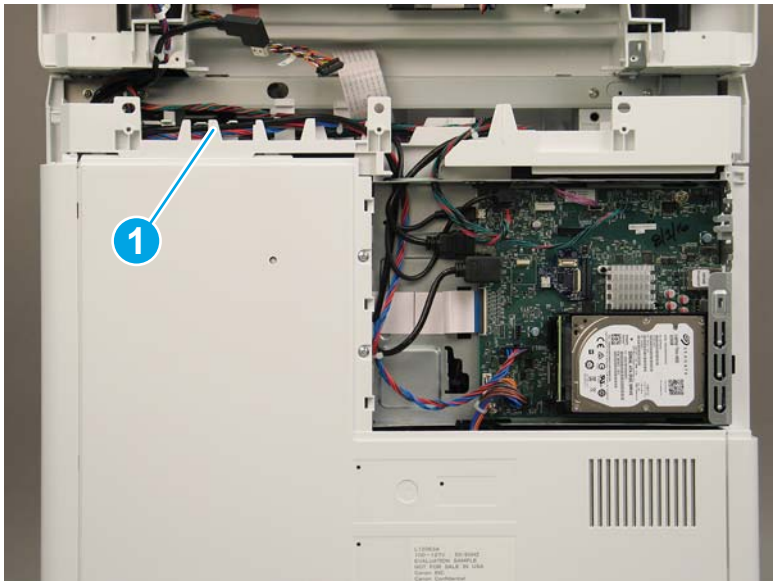
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1670 Remove the formatter cover



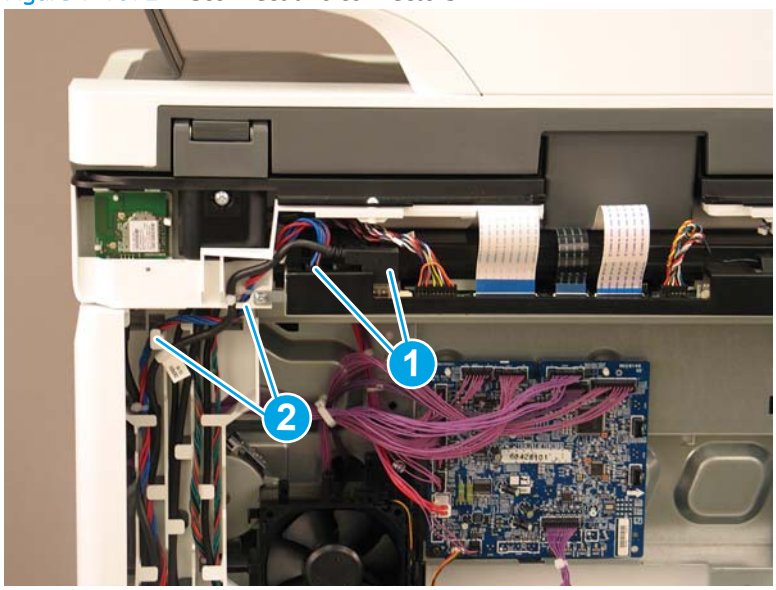
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1671 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1672 Disconnect two connectors



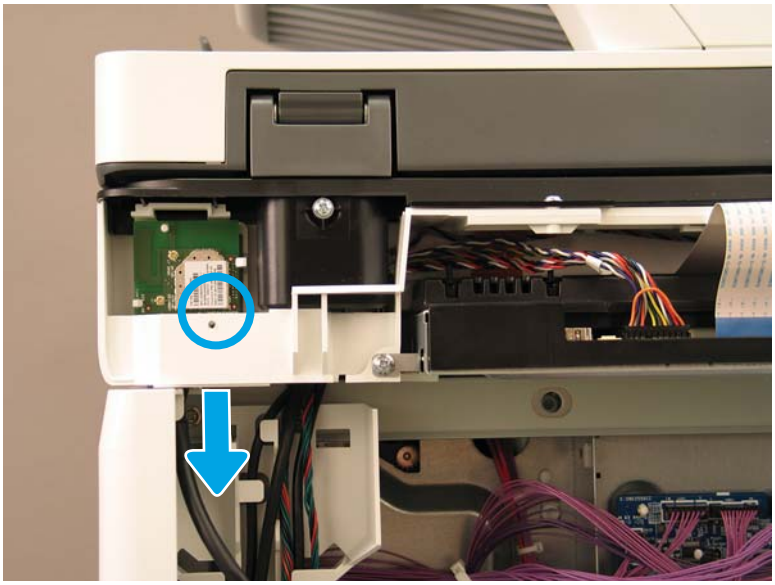
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1673 Disconnect fiv connectors



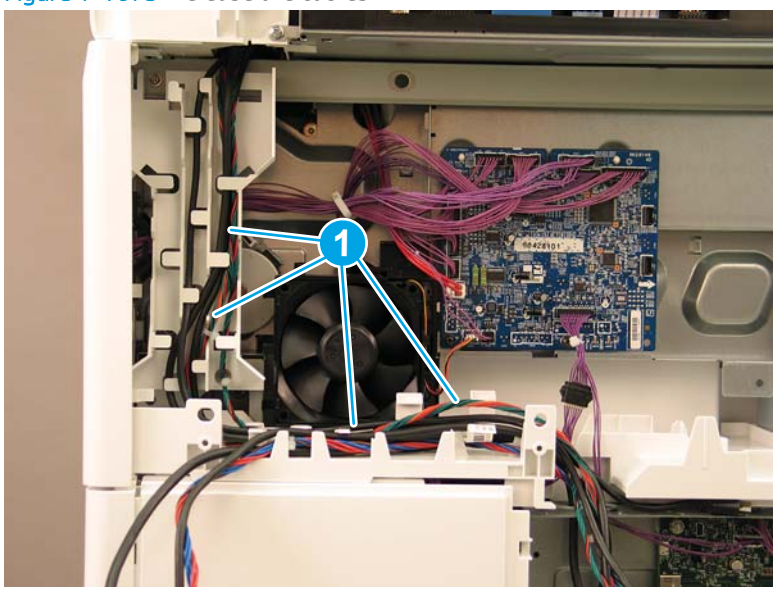
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1674 Disconnect the wireless connector



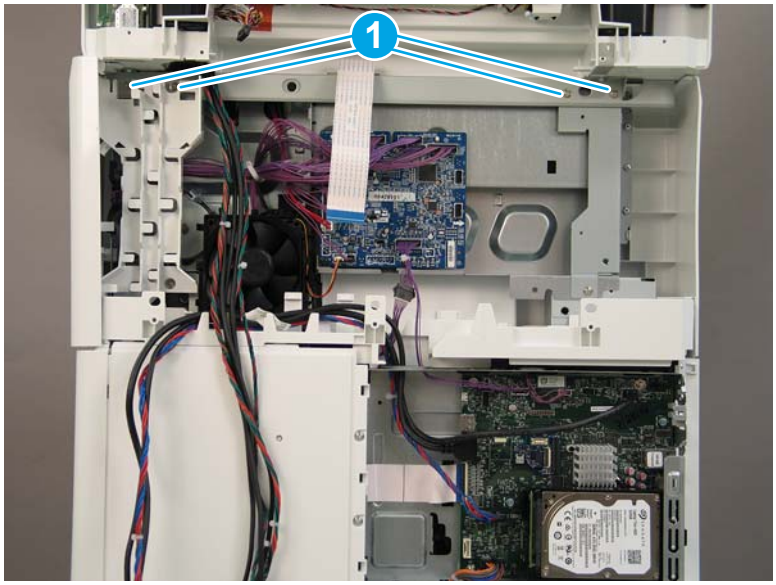
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1675 Release the cables



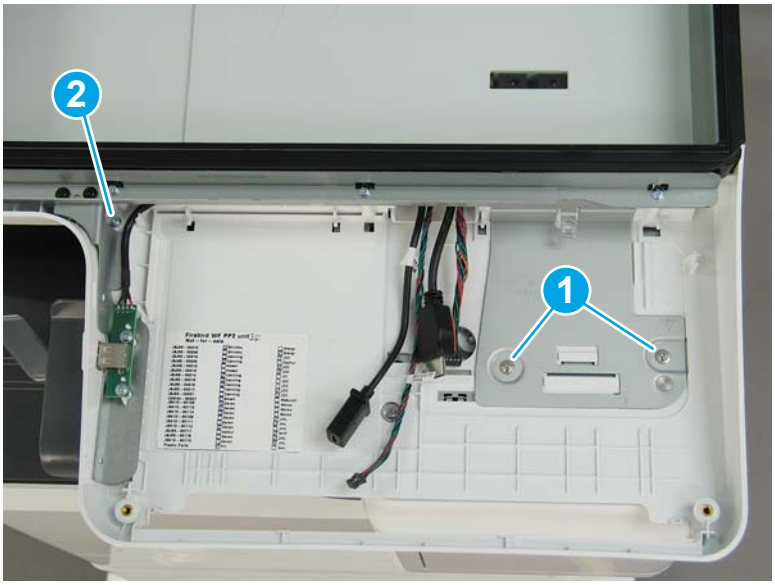
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1676 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1677 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1678 Remove the document feeder and image scanner



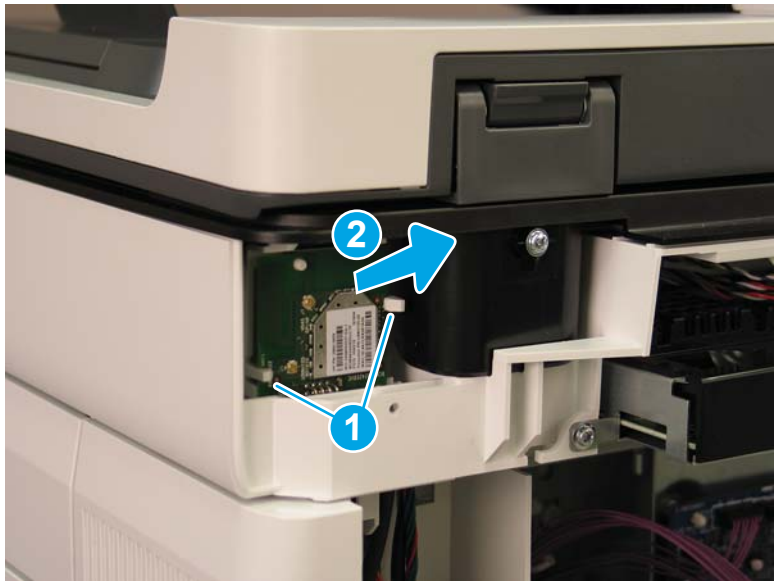
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

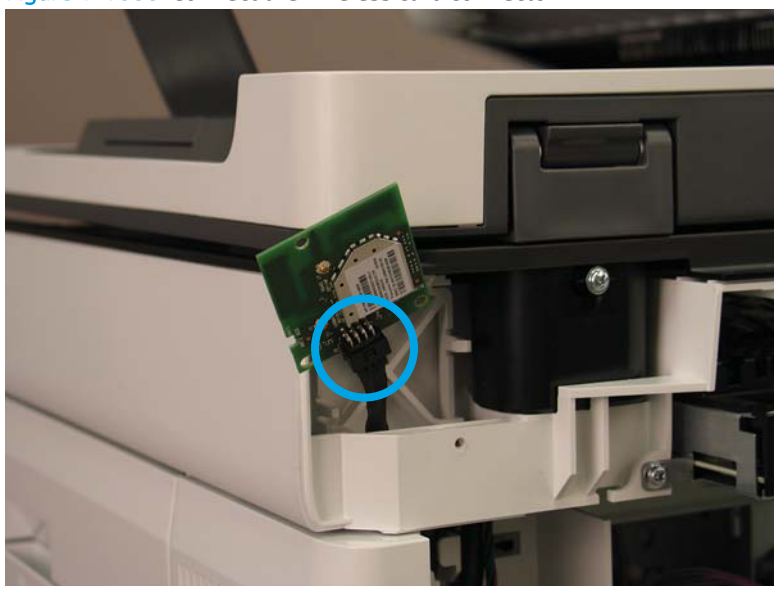
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1679 Remove the wireless card



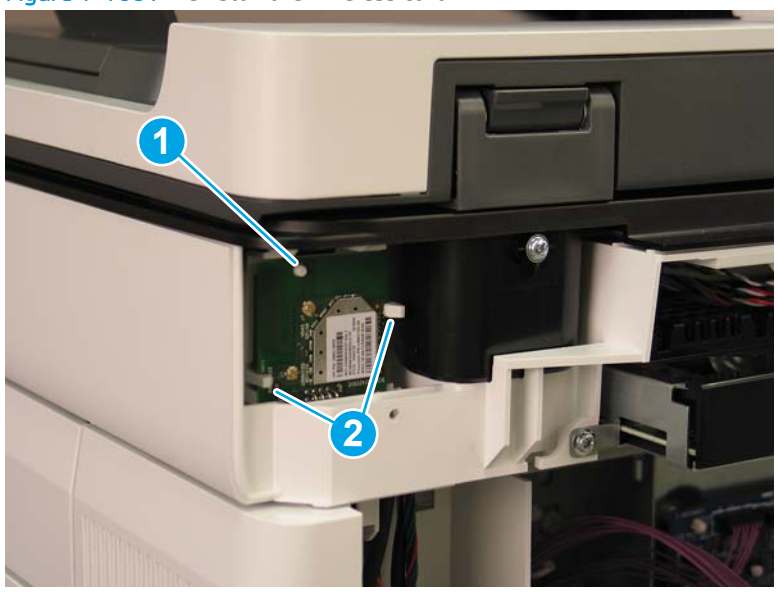
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1680 Connect the wireless card connector



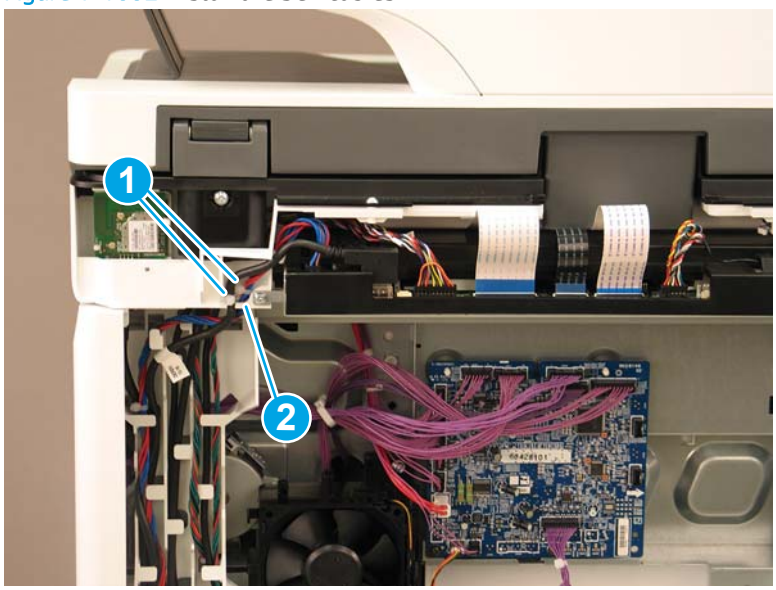
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1681 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1682 Install the SCB cables



Step 6: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the Flow M681z/Flow M682z/Flow E67660z printers. For other printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

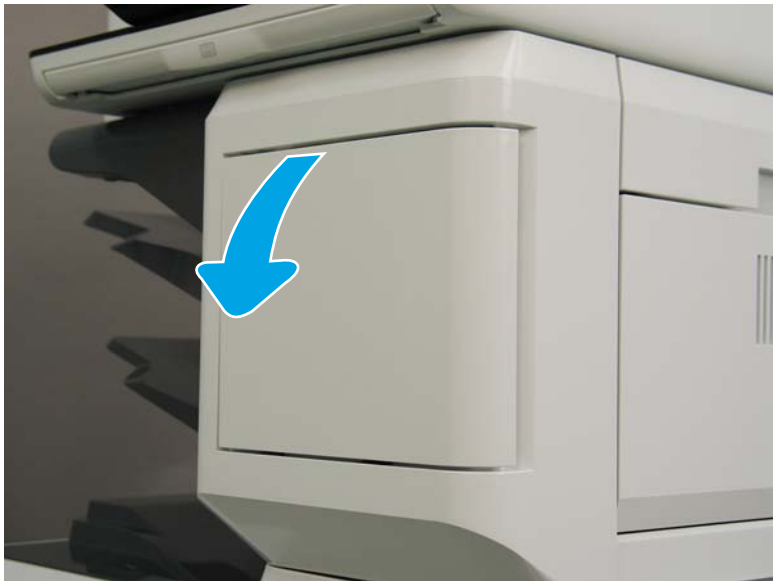
1. Open the front door.

Figure 1-1683 Open the front door



2. Open the stapler door.

Figure 1-1684 Open the stapler door



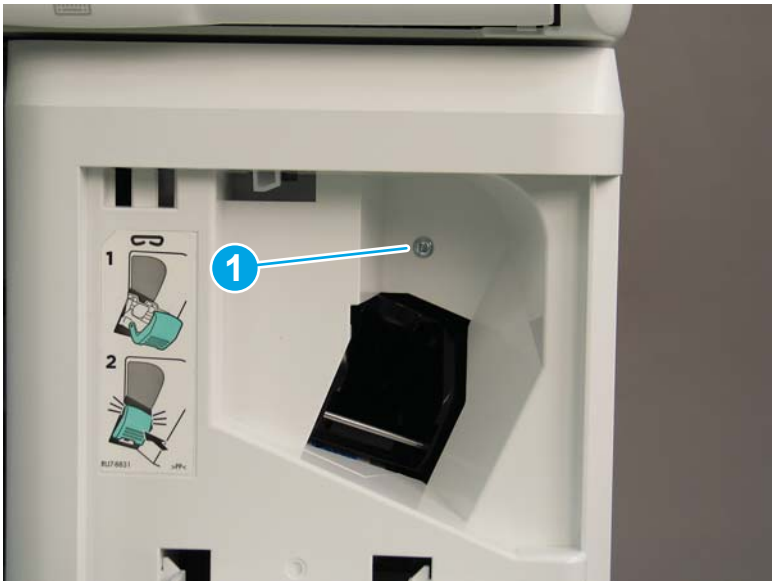
3. Release the latch, and then remove the staple cartridge.

Figure 1-1685 Remove the staple cartridge



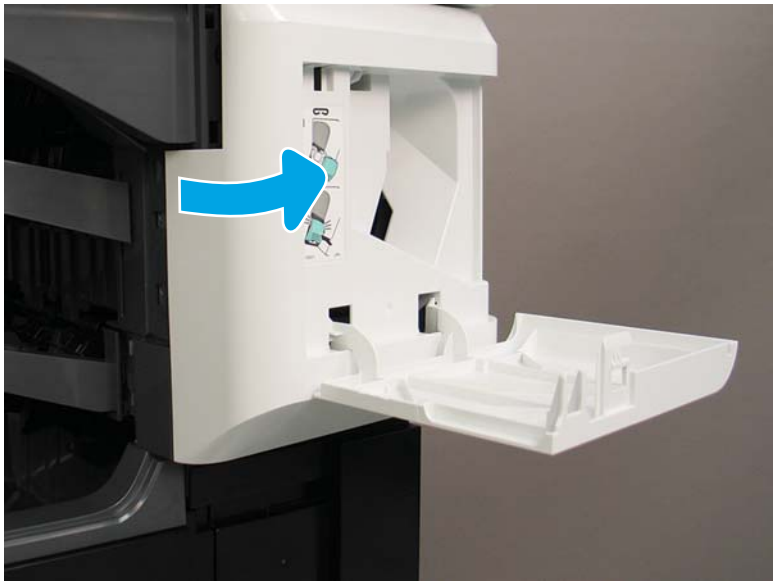
4. Remove one screw (callout 1).

Figure 1-1686 Remove one screw



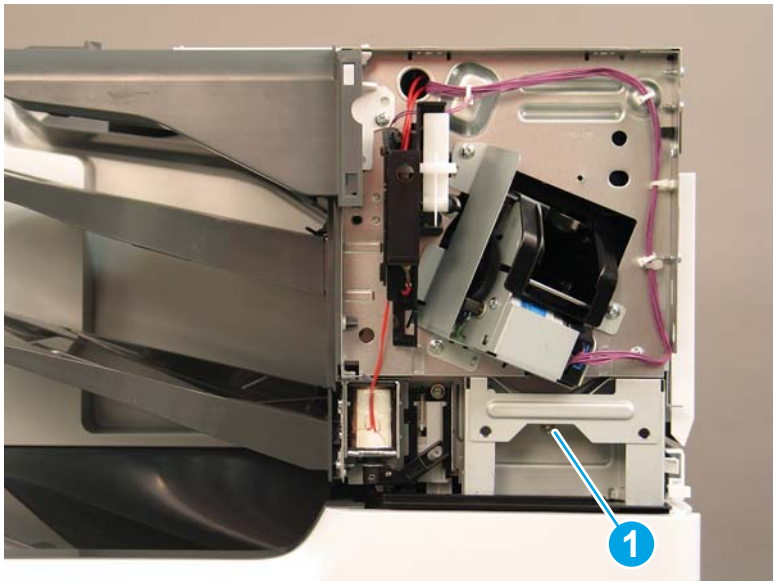
5. Rotate the stapler cover to the right to remove it.

Figure 1-1687 Remove the stapler cover



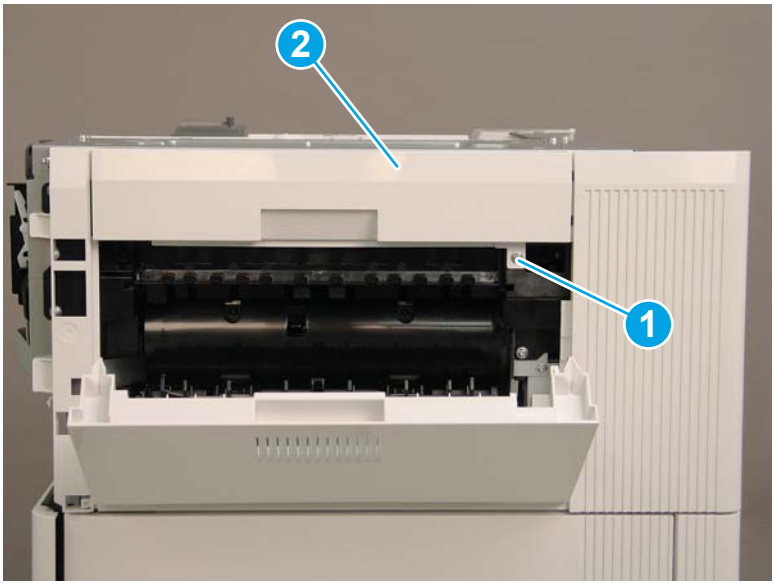
6. Remove one screw (callout 1).

Figure 1-1688 Remove one screw



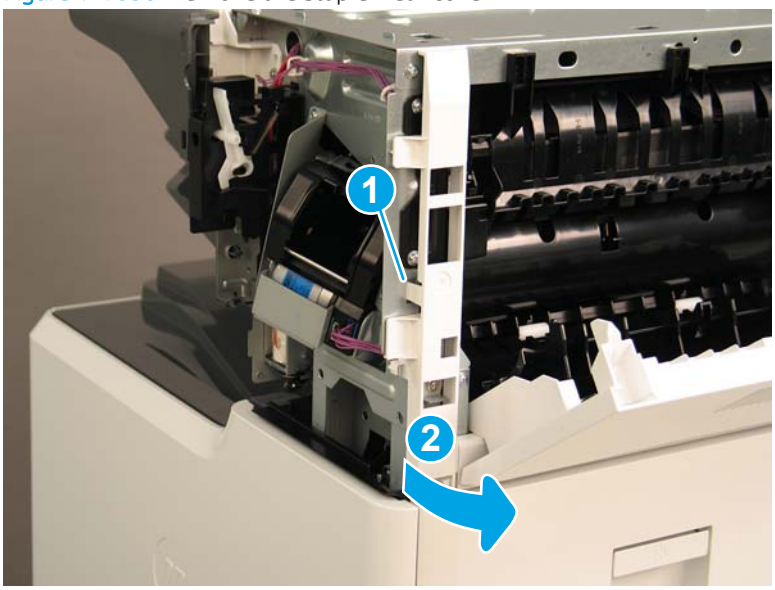
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1689 Remove the stapler/stacker right upper cover



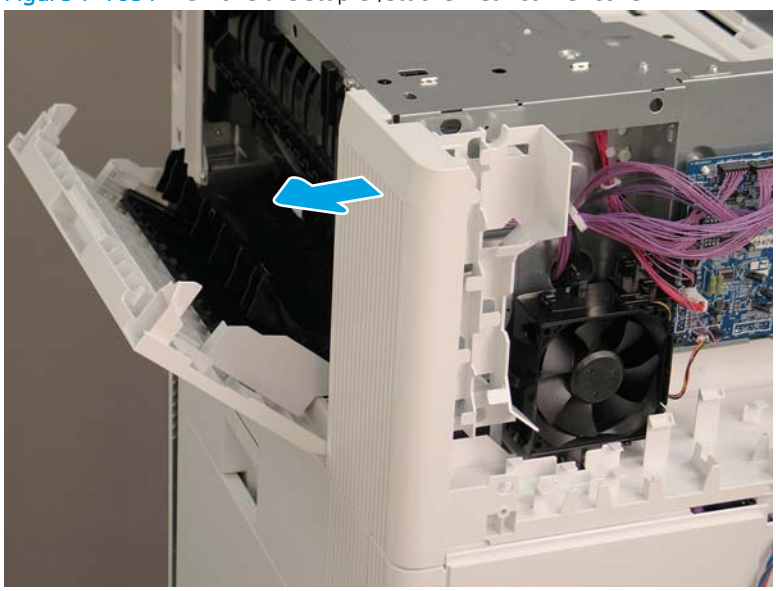
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1690 Remove the stapler rear cover



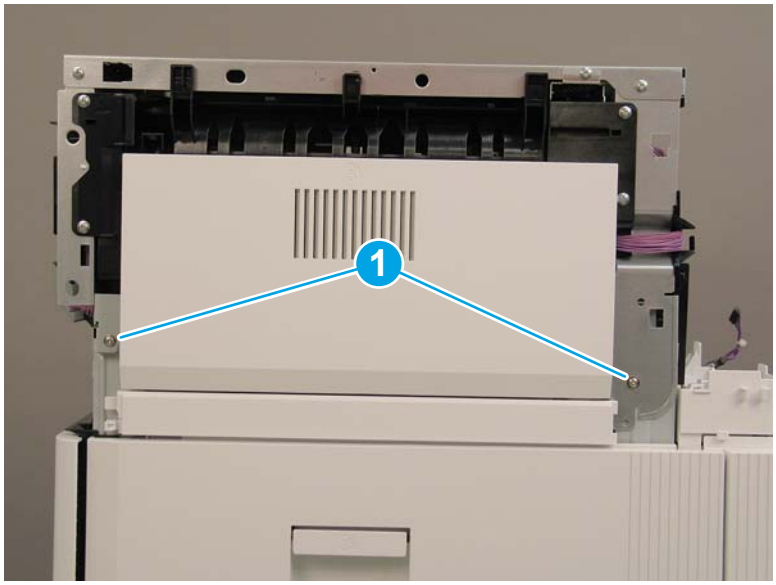
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1691 Remove the stapler/stacker rear corner cover



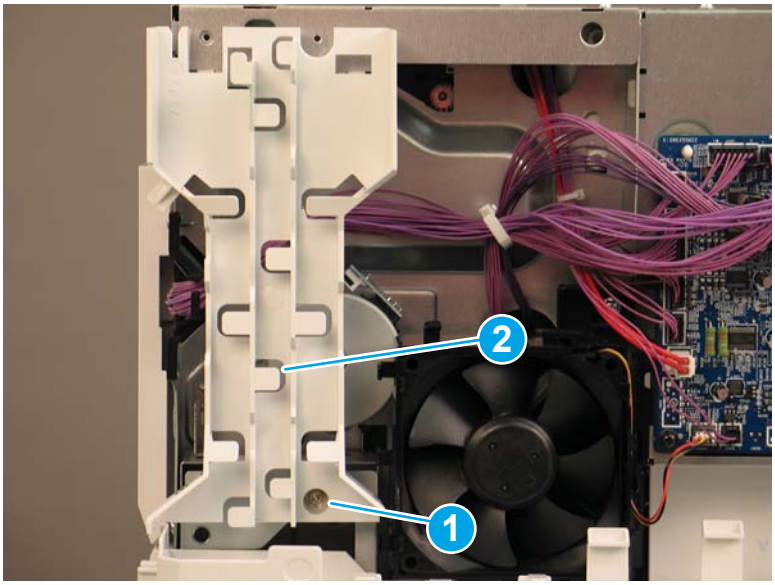
10. Remove two screws (callout 1).

Figure 1-1692 Remove two screws



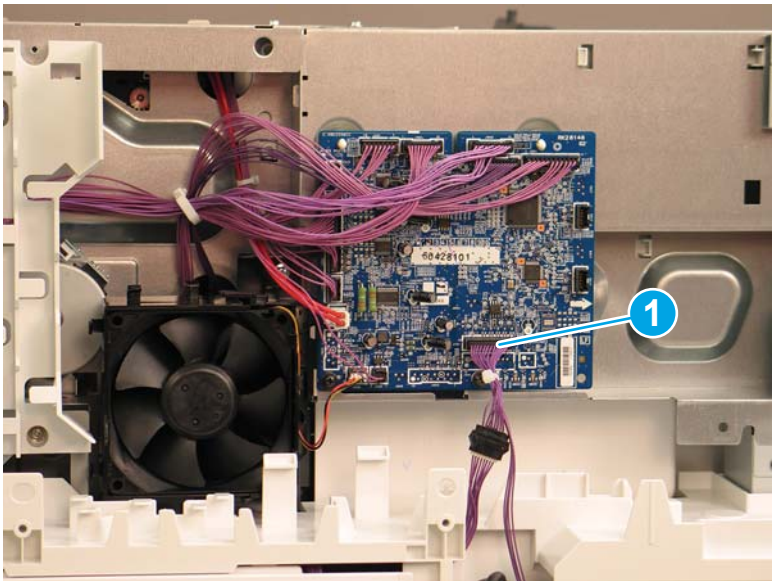
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1693 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

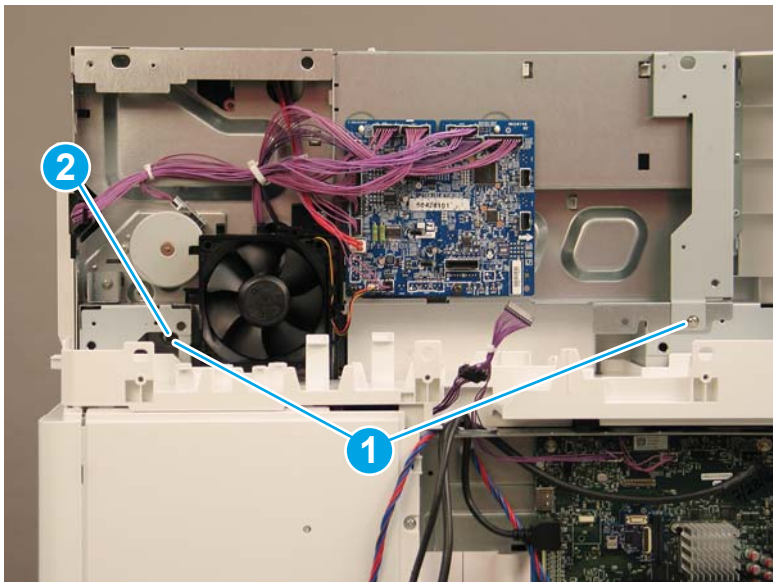
Figure 1-1694 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

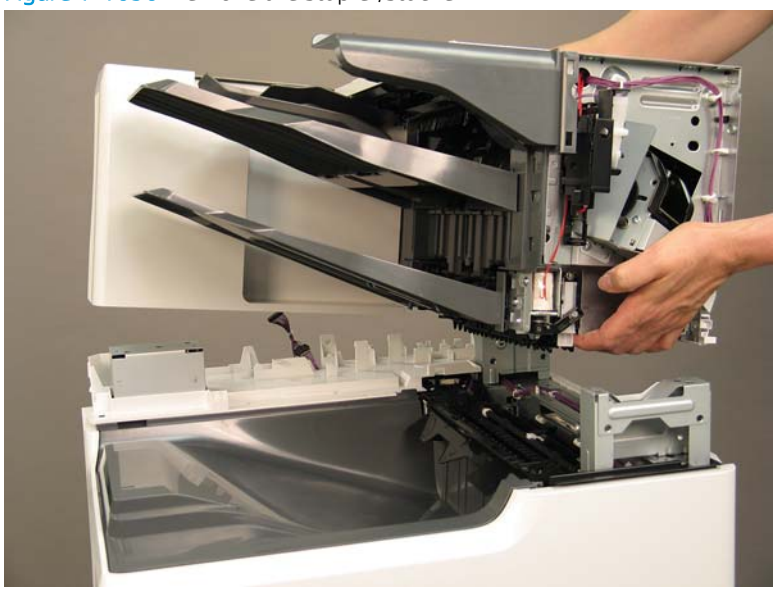
Figure 1-1695 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1696 Remove the stapler/stacker

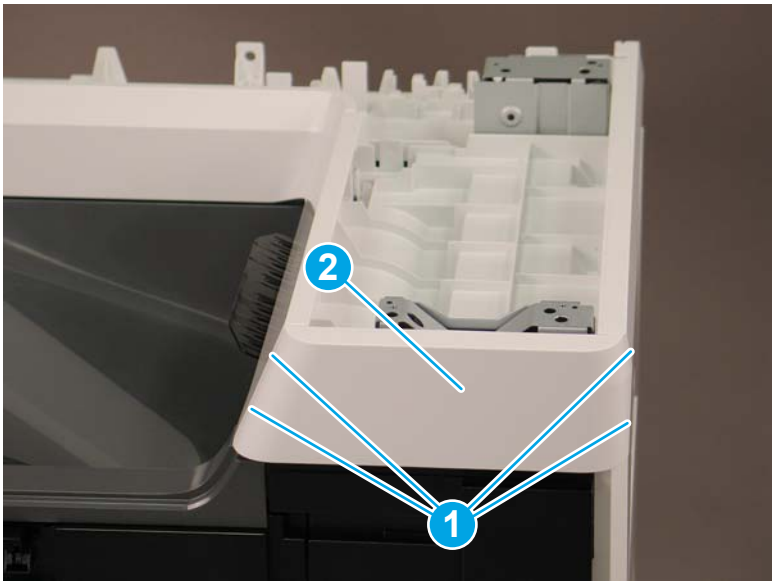


Step 7: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1697 Remove the face-down front cover



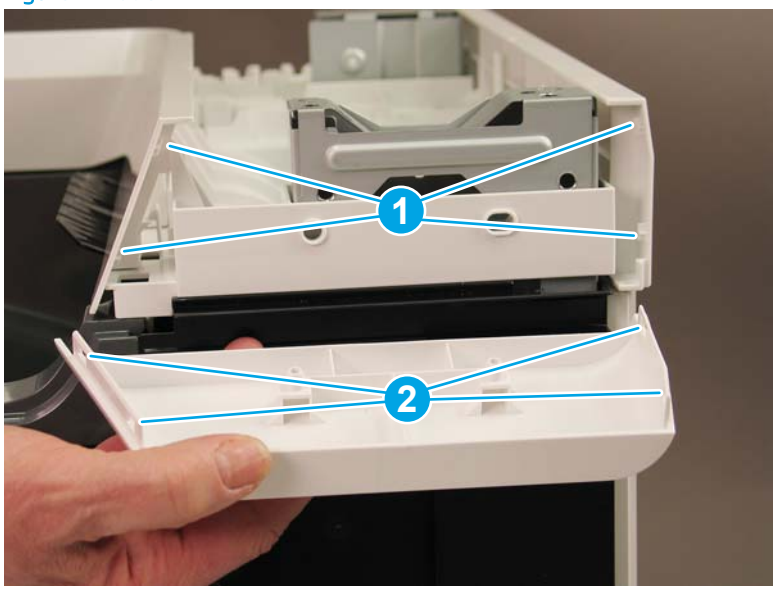
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1698 Install the cover



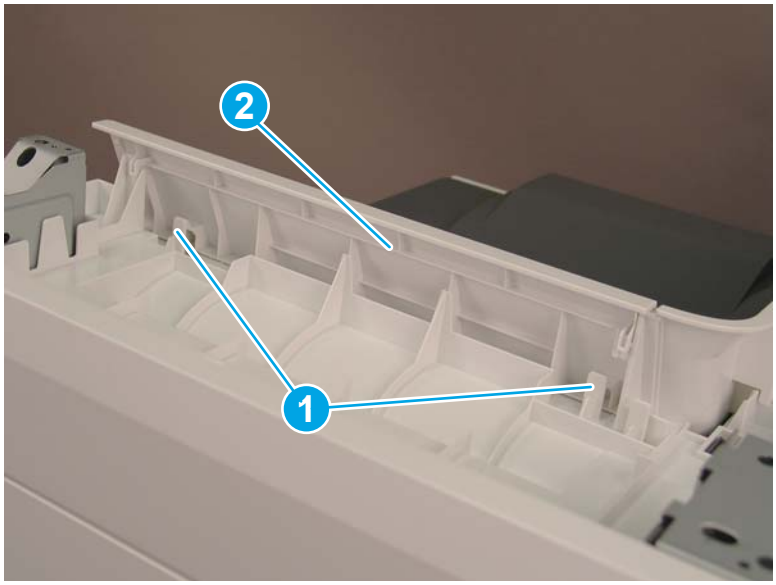
Step 8: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1699 Remove the top cover



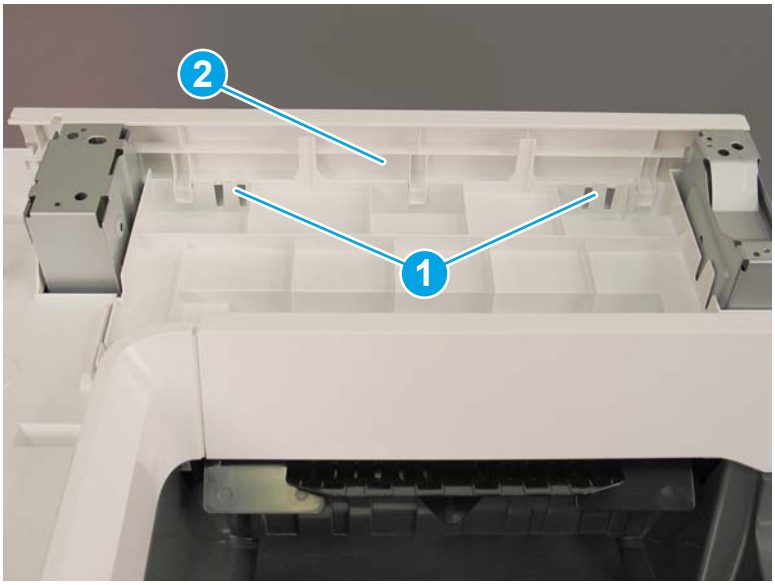
Step 9: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1700 Remove the right cover



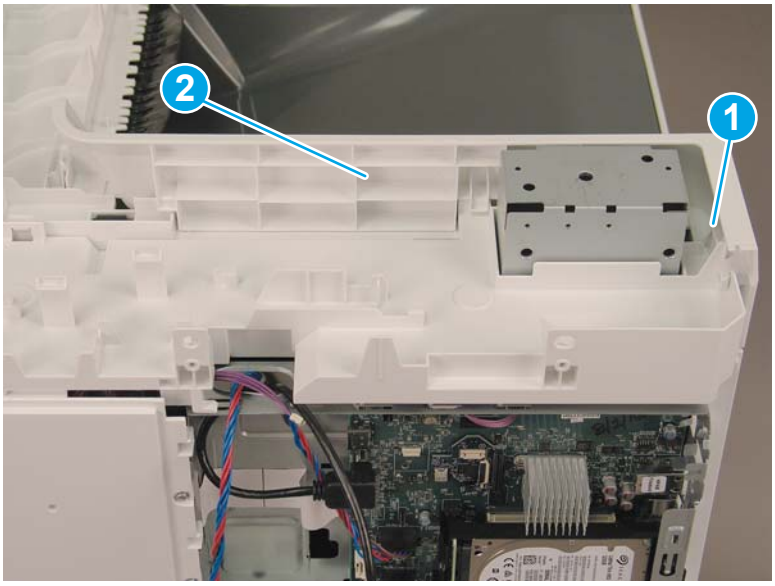
Step 10: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1701 Remove the front cover



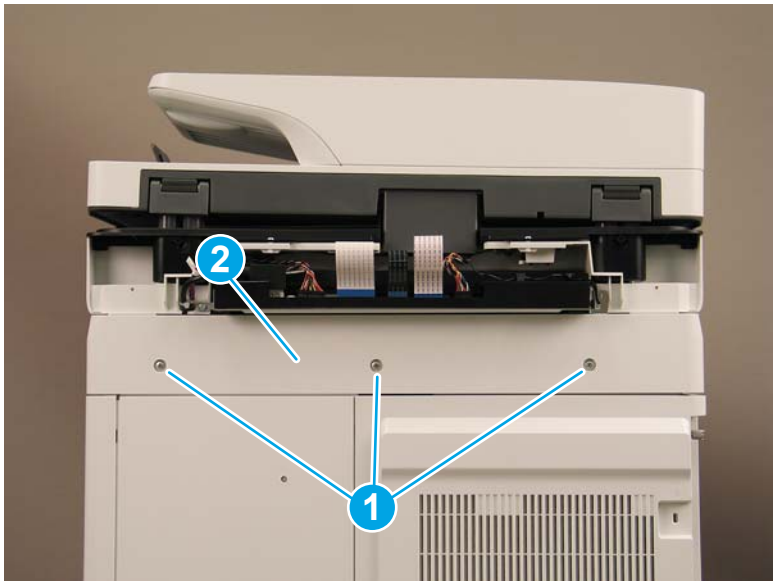
Step 11: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

- Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1702 Remove the rear upper cover



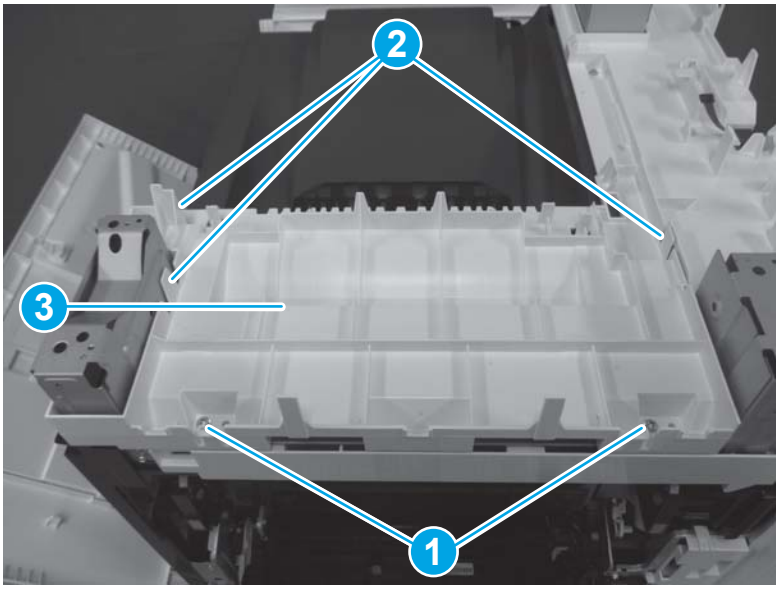
Step 12: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

- Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1703 Remove two screws and the face-down cover

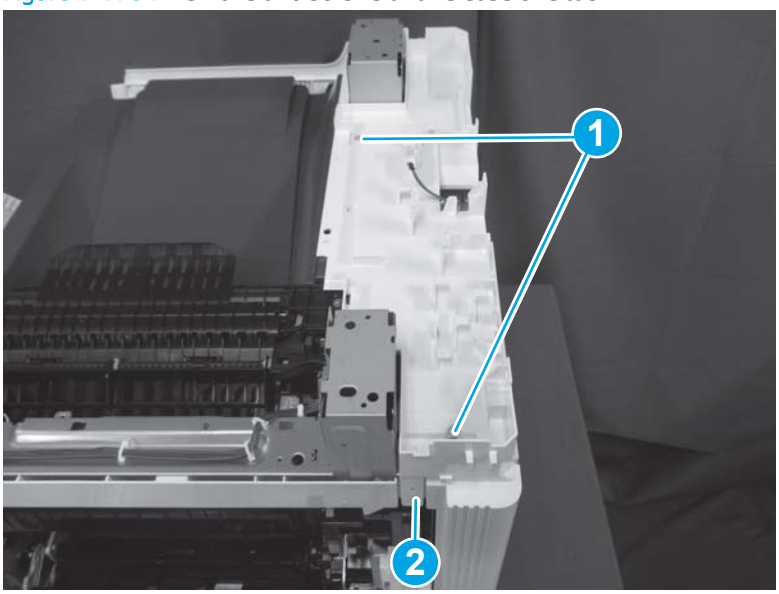


Step 13: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1071

1. Remove two screws (callout 1), and then release one tab (callout 2).

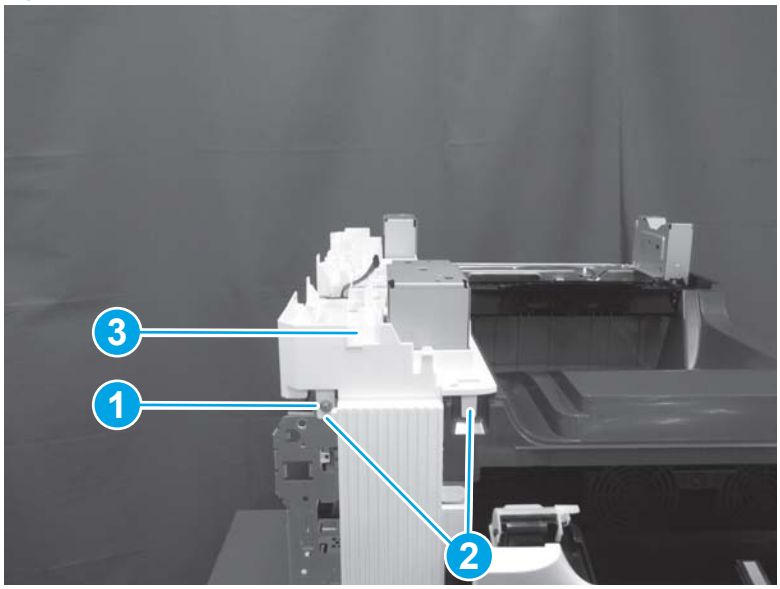
Figure 1-1704 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1705 Remove one screw and the main cover



Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 16: Remove the output bin on page 1076

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1706 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1707 Remove the cover



3. Remove one thumbscrew (callout 1)

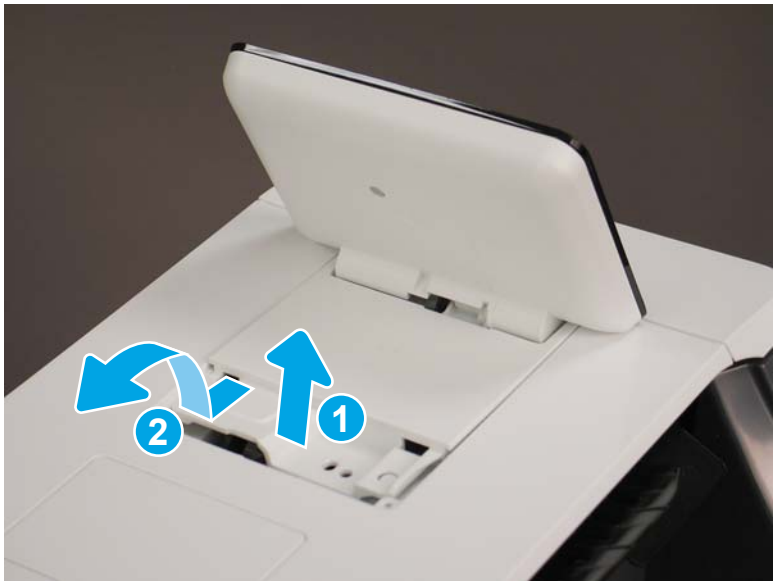
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1708 Remove one thumbscrew



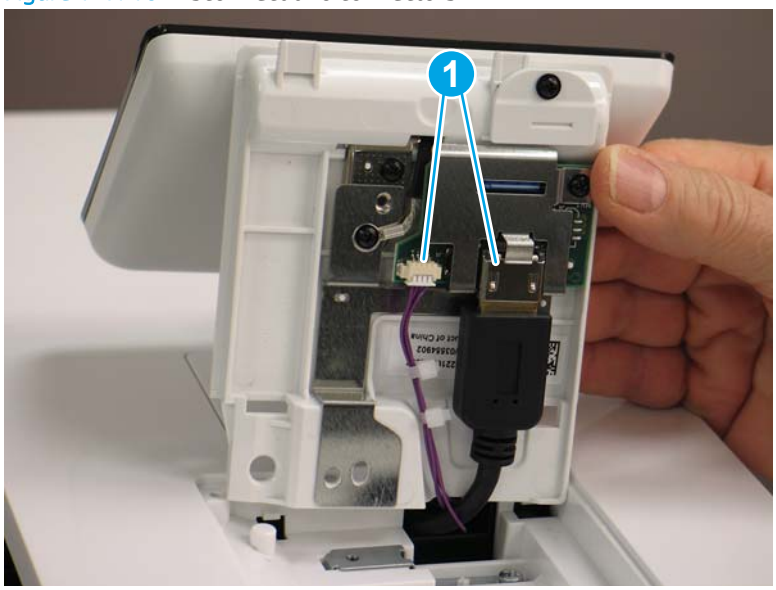
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1709 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1710 Disconnect two connectors



6. Remove the control panel.

Figure 1-1711 Remove the control panel



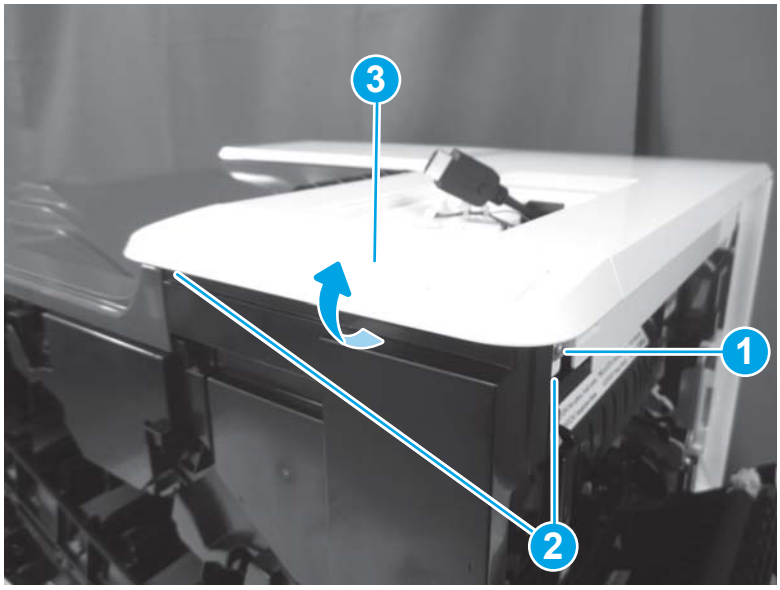
Step 15: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 16: Remove the output bin on page 1076

1. Open the following doors:
   - Front door
   - Left door
   - Right door

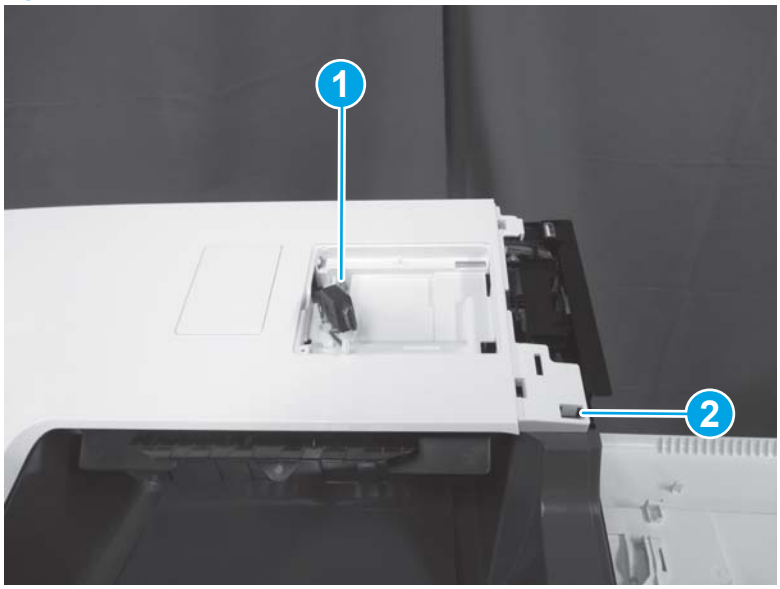
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1712 Remove the NFC cover



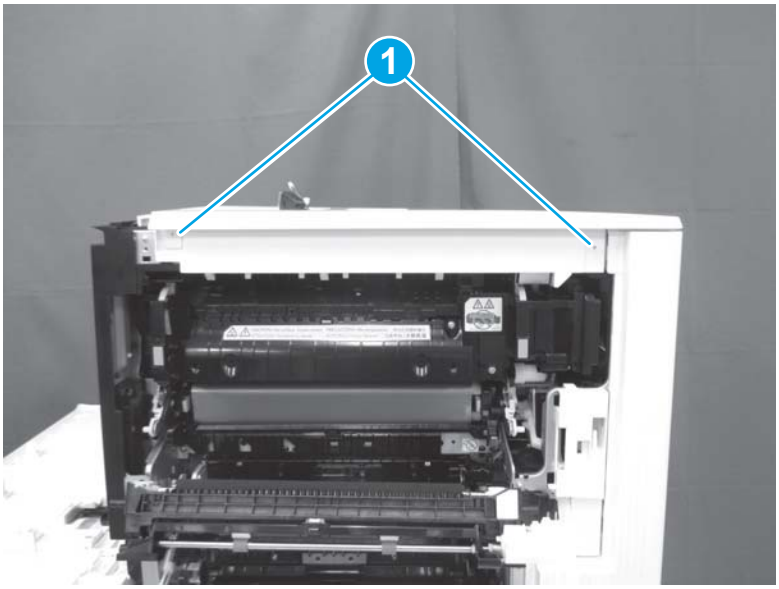
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1713 Remove one screw and release one tab



4. Release two tabs (callout 1).

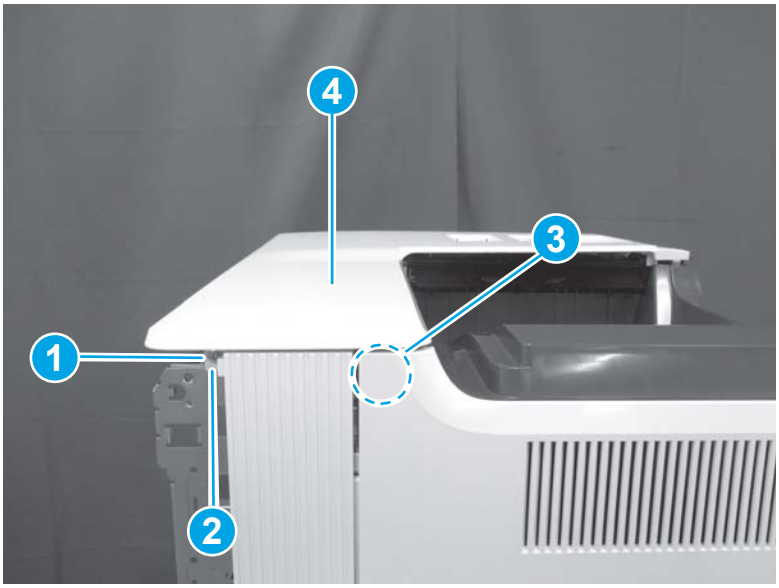
Figure 1-1714 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1715 Remove the top cover



Step 16: Remove the output bin

1. Open the following doors:

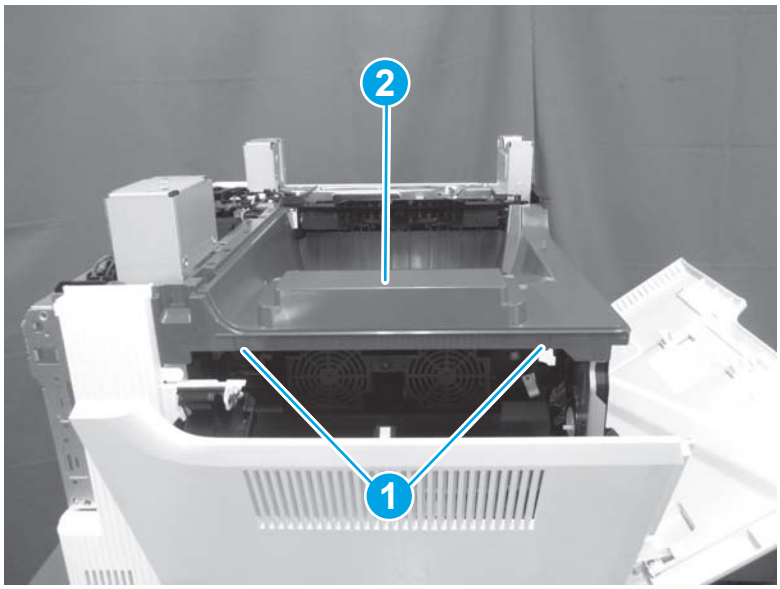
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1716 Remove the output bin

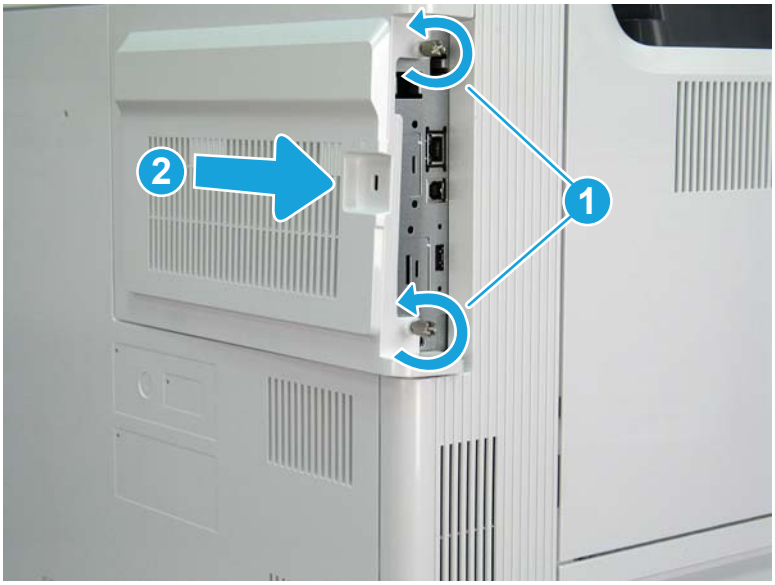


Step 17: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

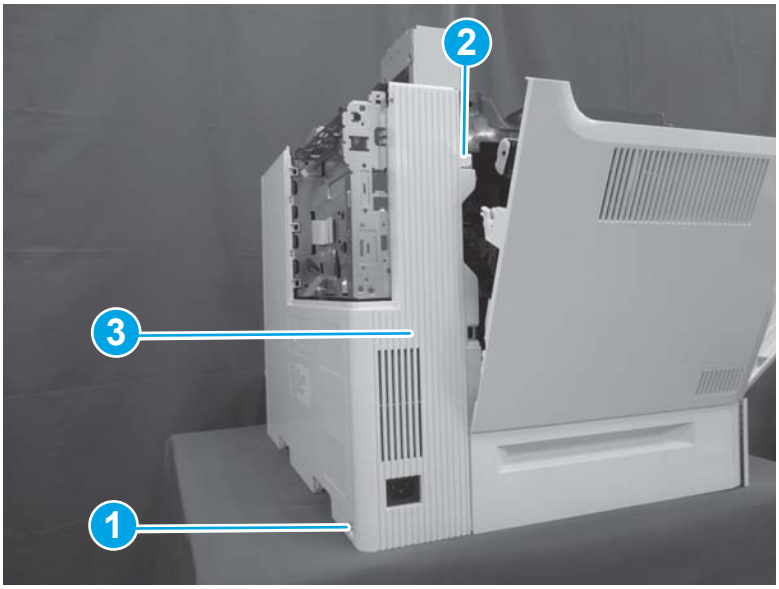
Figure 1-1717 Remove the formatter cover



Step 18: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1718 Remove the left rear cover



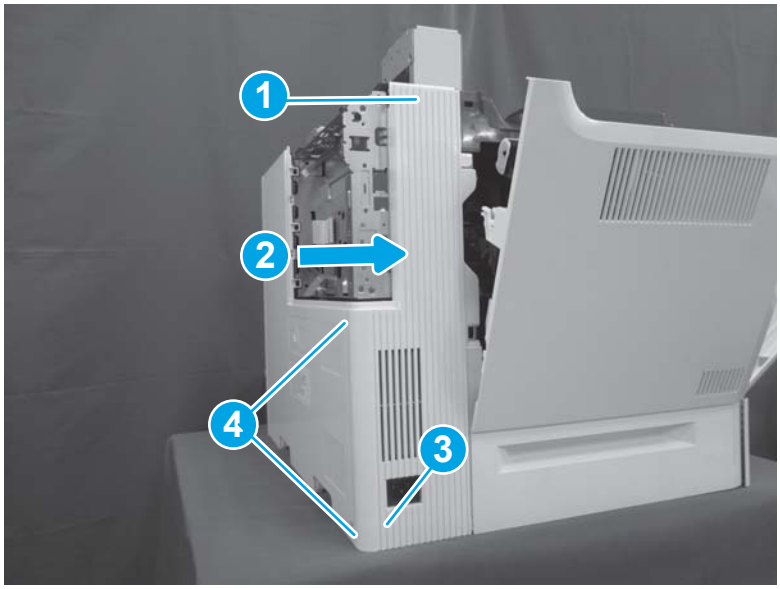
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1719 Install the left rear cover

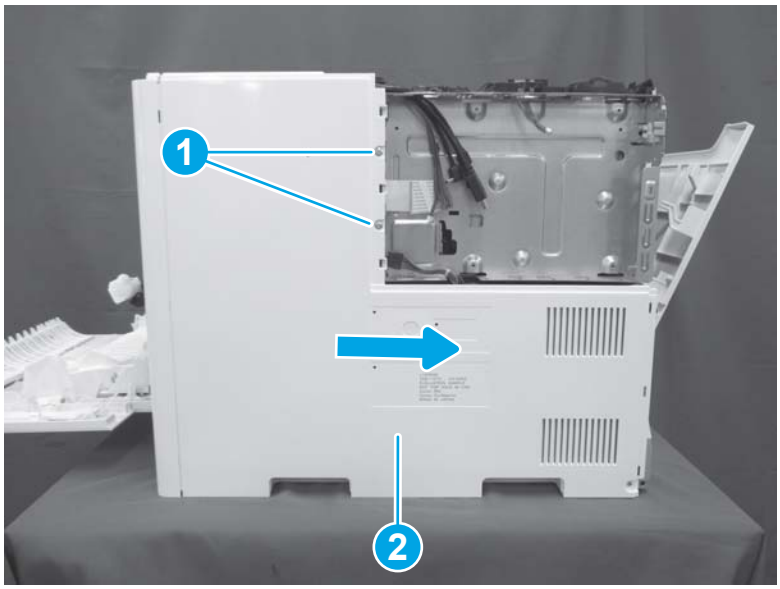


Step 19: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1720 Remove two screws and the rear cover



Step 20: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 21: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 1080

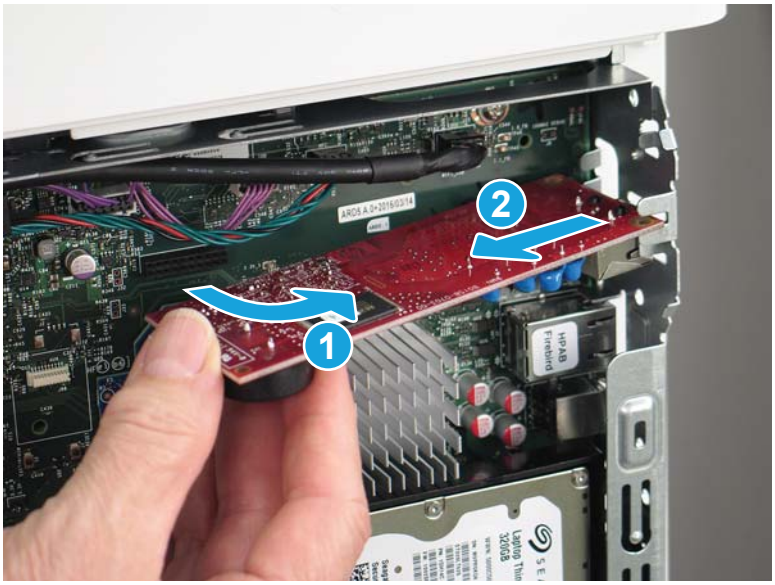
1. Locate the fax PCA on the formatter.

Figure 1-1721 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

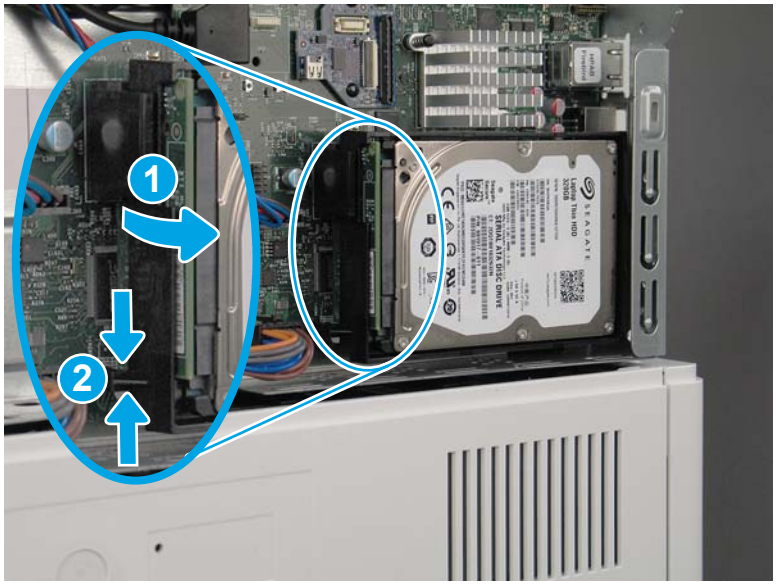
Figure 1-1722 Remove the fax PCA



Step 21: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

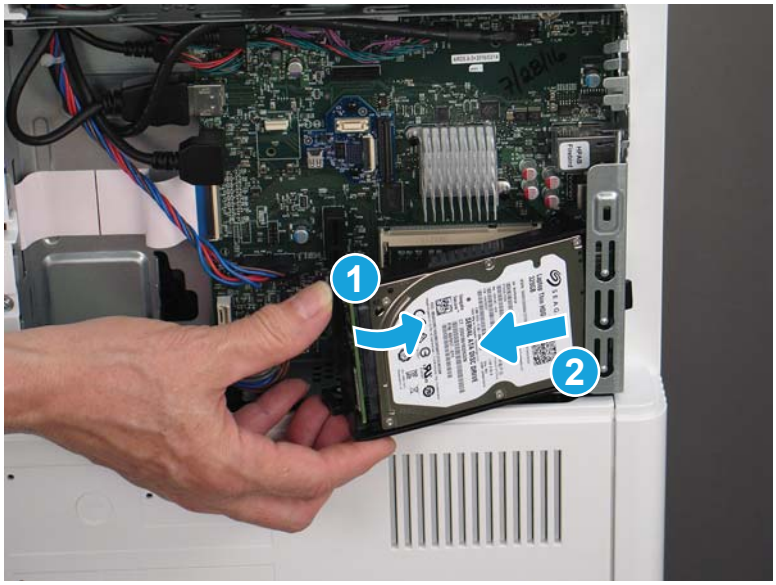
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1723 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1724 Remove the HDD



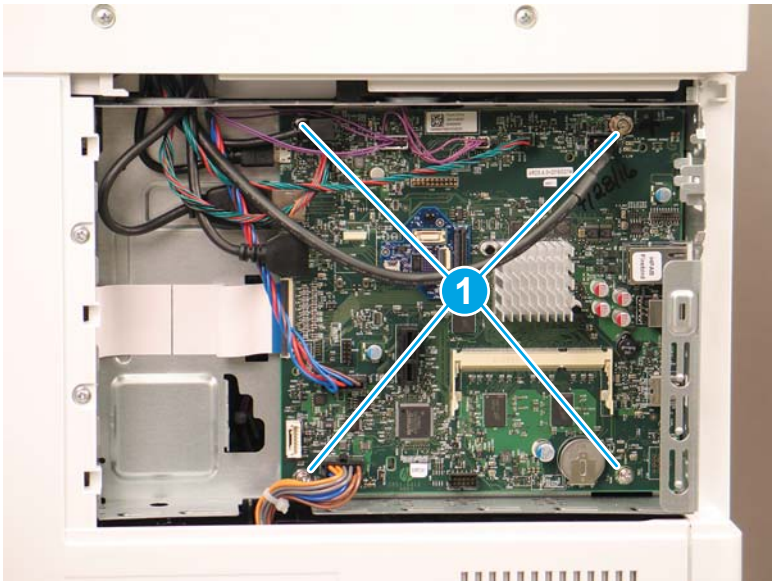
Step 22: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1725 Remove the formatter

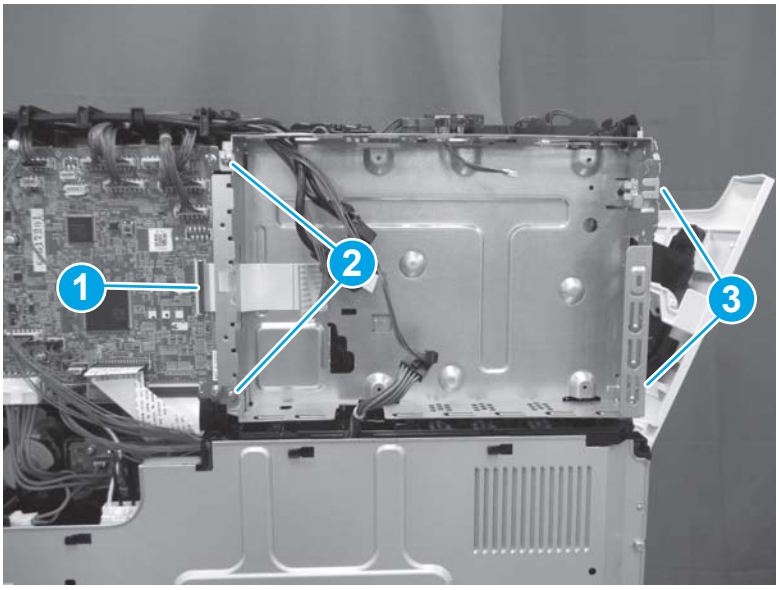


Step 23: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

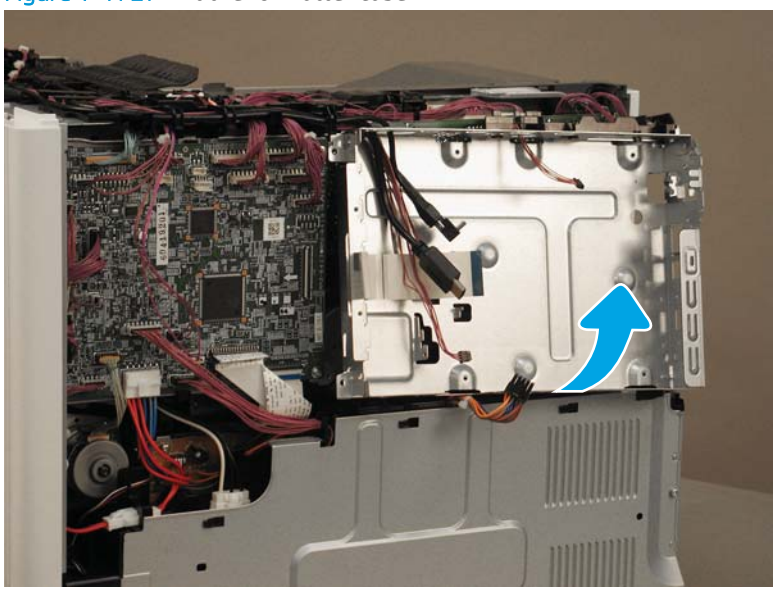
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1726 Disconnect one connector and remove four screws



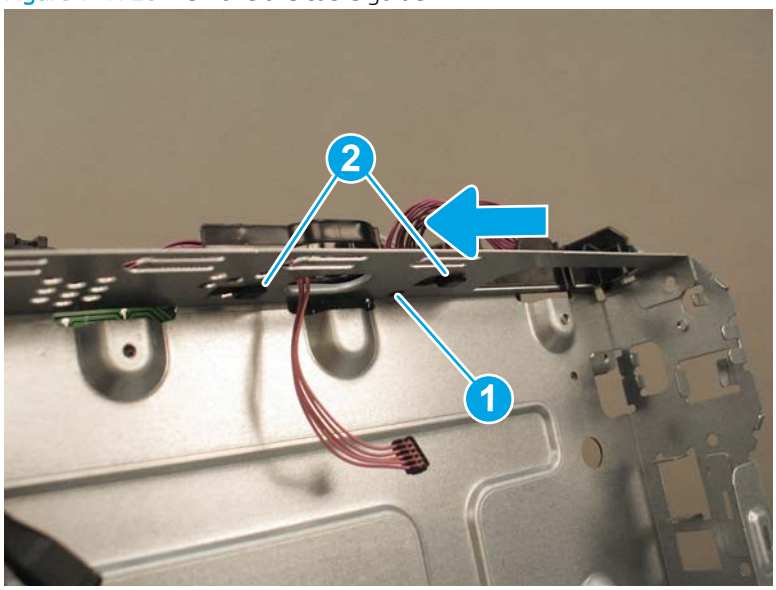
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1727 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1728 Remove the cable guide



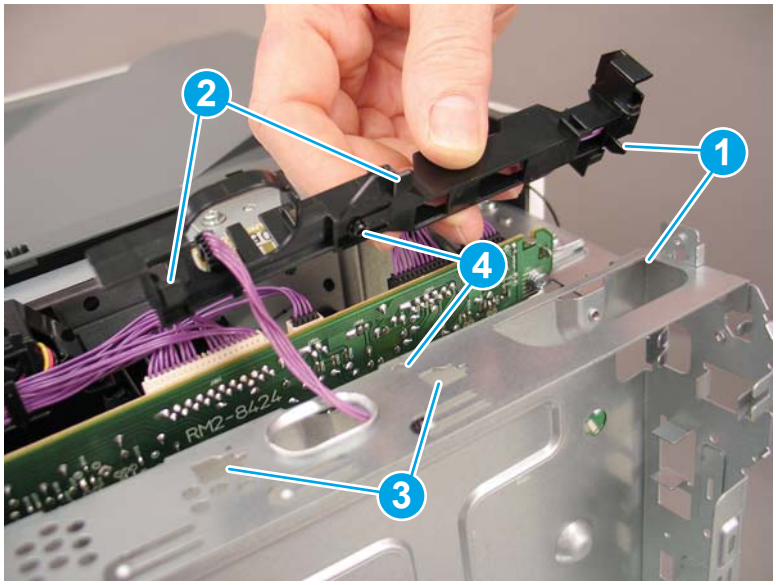
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

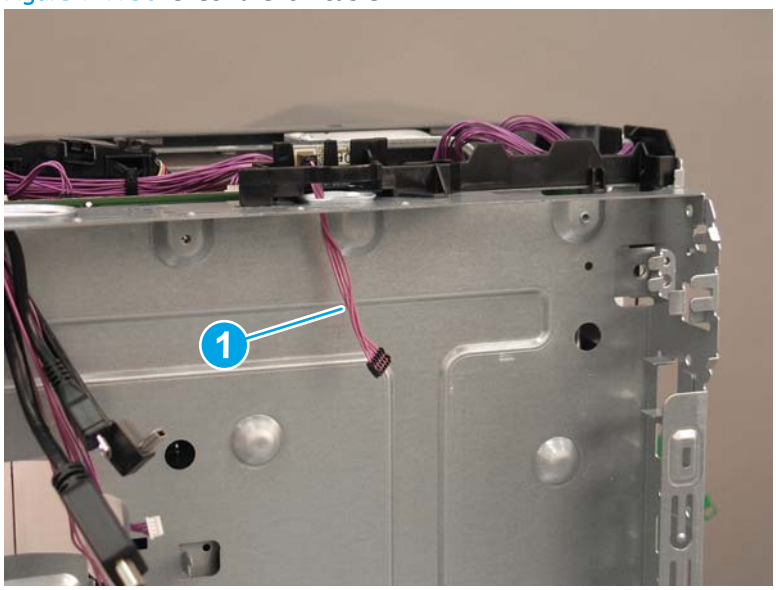
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1729 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

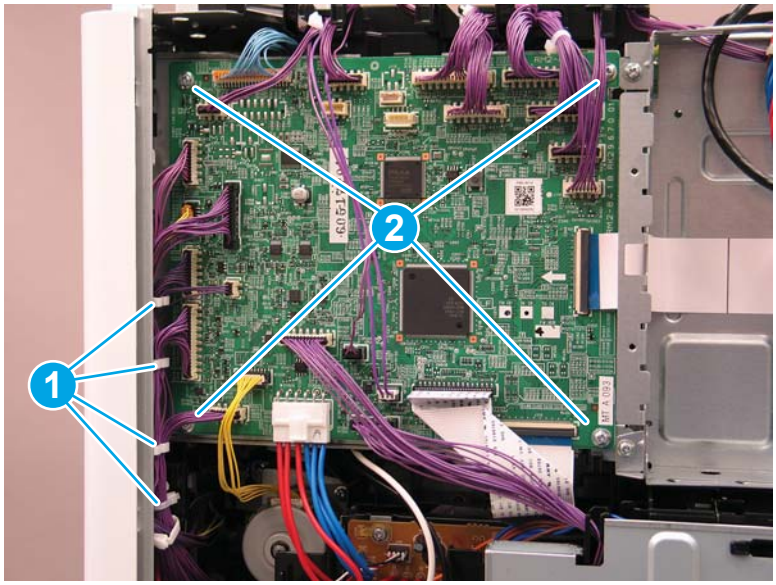
Figure 1-1730 Check the IOD cable



Step 24: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1731 Remove the DC controller PCA



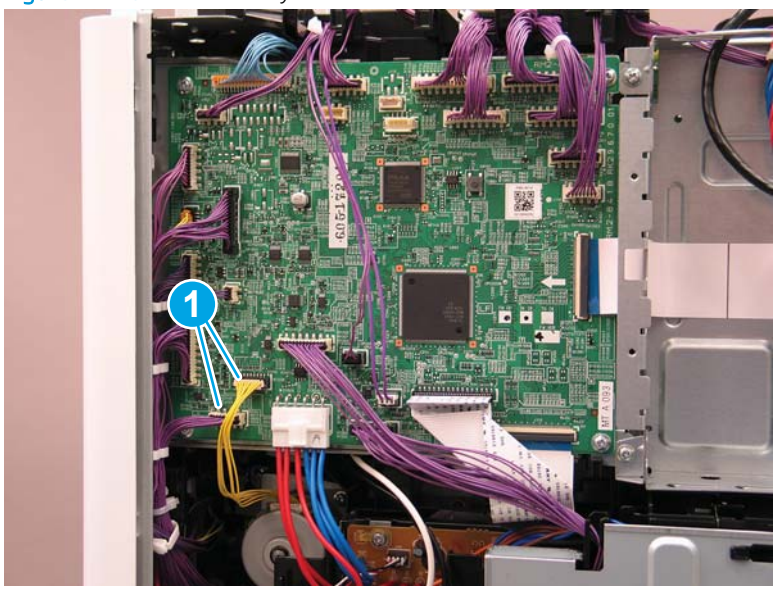
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

- Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

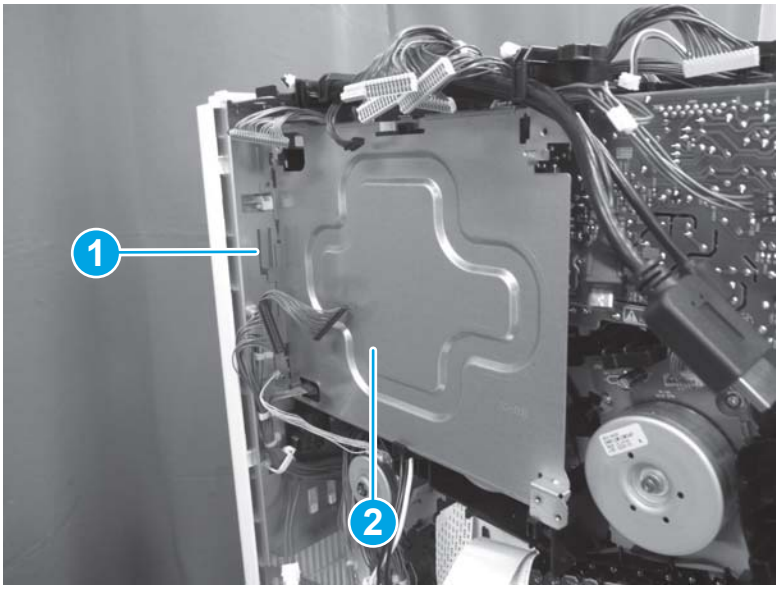
Figure 1-1732 Check the yellow cable



Step 25: Remove the DC controller stay

- Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

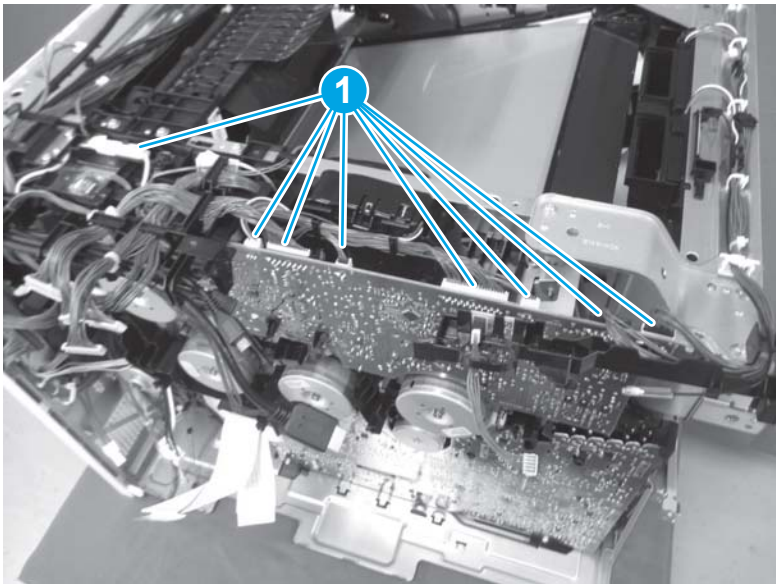
Figure 1-1733 Remove the DC controller stay



Step 26: Remove the upper high-voltage power supply (HVPS)

1. Disconnect eight connectors (callout 1).

Figure 1-1734 Disconnect eight connectors

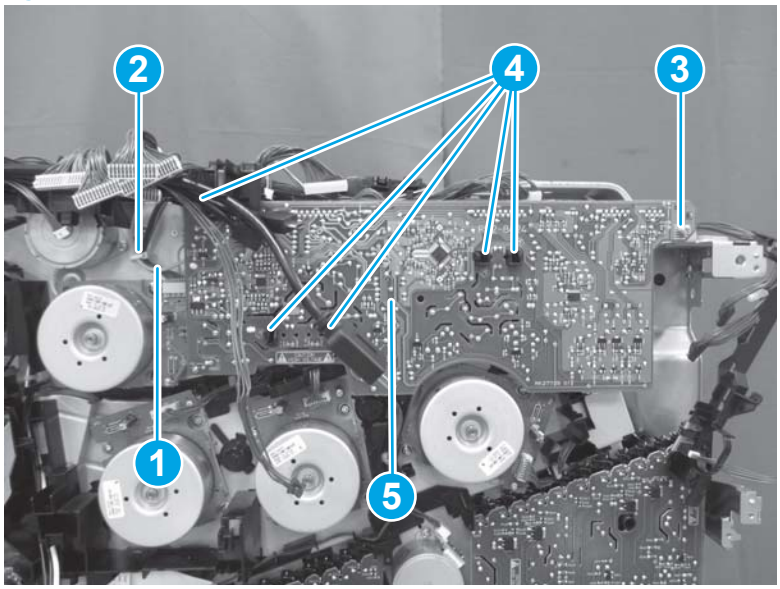


2. Release the cable (callout 1) from the retainer (callout 2). Remove one screw (callout 3), release fiv tabs (callout 4), and then remove the upper HVPS (callout 5).

Reinstallation tip: The screw (callout 3) is a grounding screw with a washer attached. Make sure that this screw and washer are installed in the correct position.

Reinstallation tip: Reverse the removal steps to install the assembly.

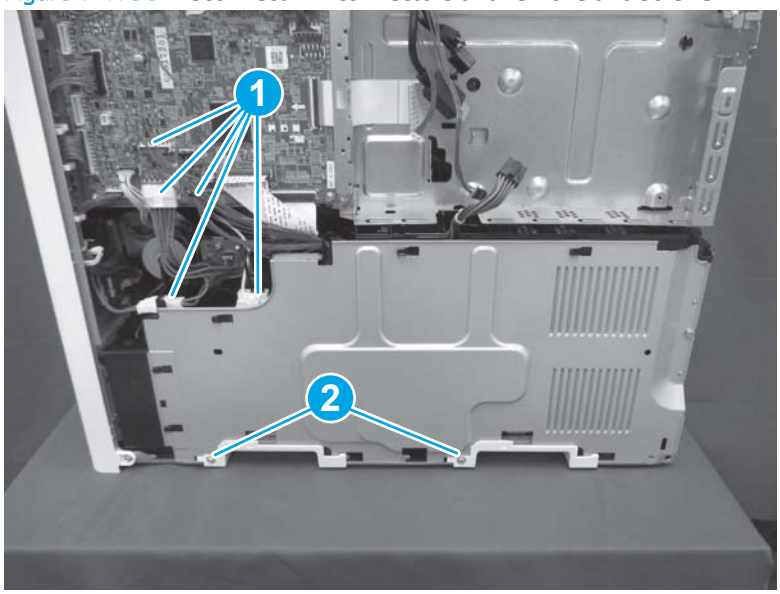
Figure 1-1735 Remove the upper HVPS



Step 27: Remove the low-voltage power supply (LVPS) and fan

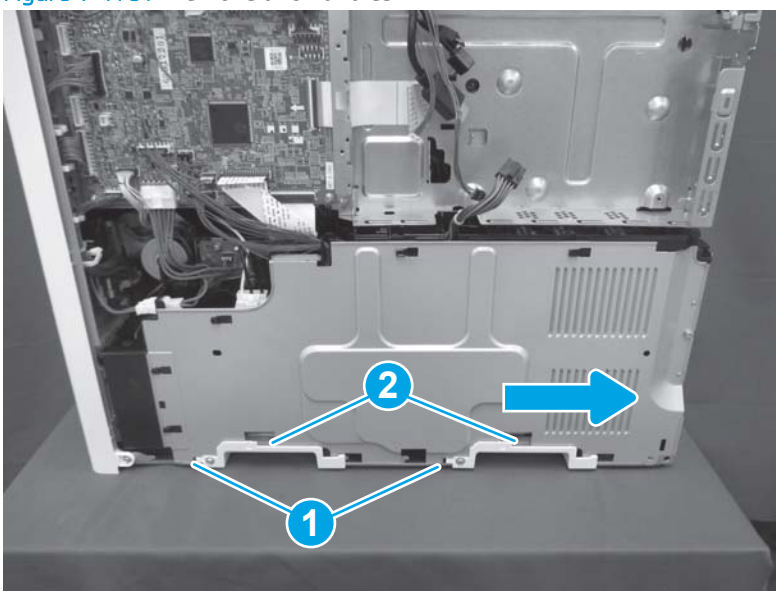
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-1736 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

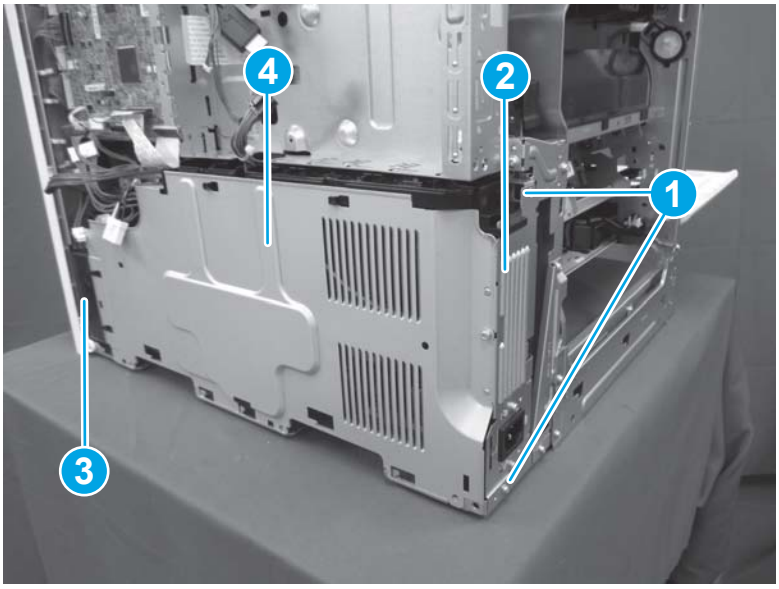
Figure 1-1737 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

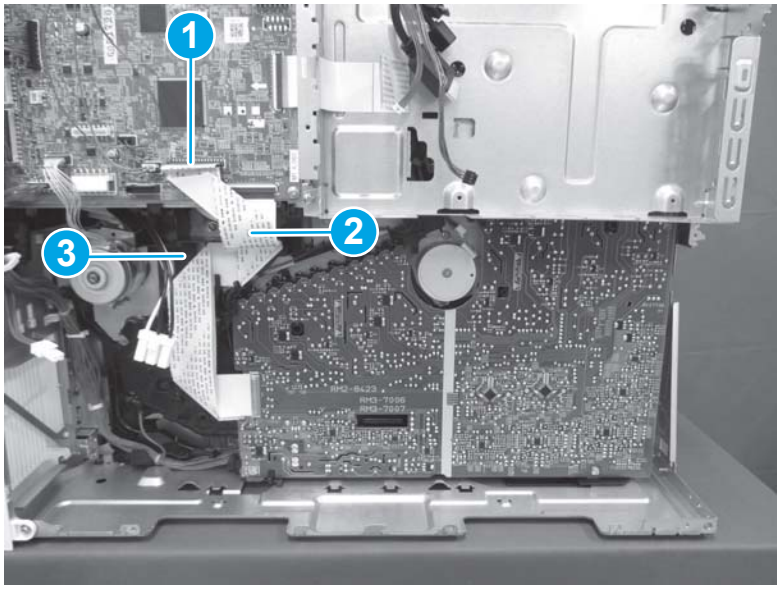
Figure 1-1738 Remove the low-voltage power supply



Step 28: Remove the lower high-voltage power supply (HVPS)

1. Disconnect one connector (callout 1), and then remove the fla cable (callout 2) from the cable guide (callout 3).

Figure 1-1739 Disconnect one connector

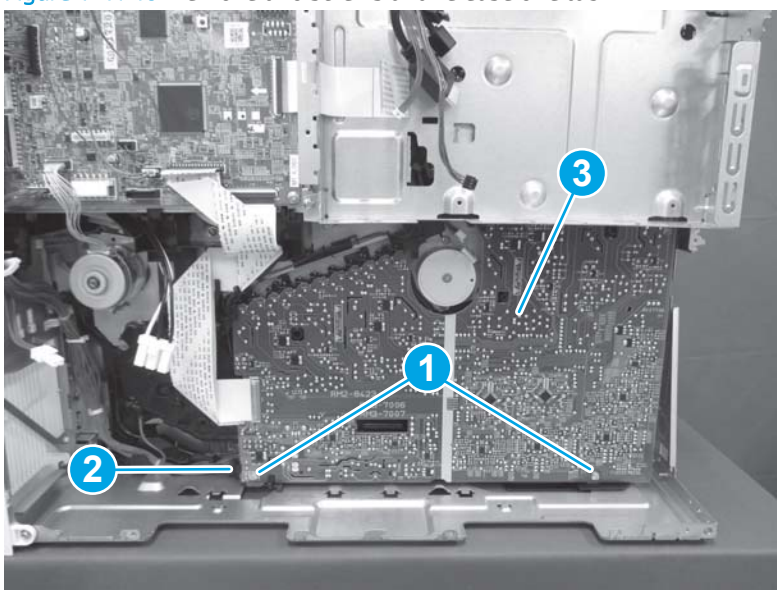


2. Remove two screws (callout 1), release one tab (callout 2), and then remove the lower HVPS (callout 3).

NOTE: These screws have washers attached. Make sure that they are reinstalled in the lower HVPS board.

Reinstallation tip: Reverse the removal steps to install the assembly.

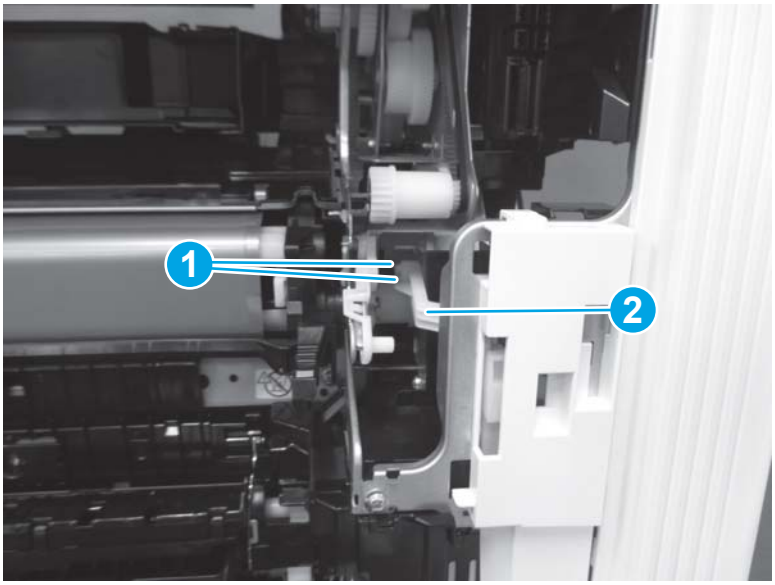
Figure 1-1740 Remove two screws and release one tab



Step 29: Remove the main drive assembly

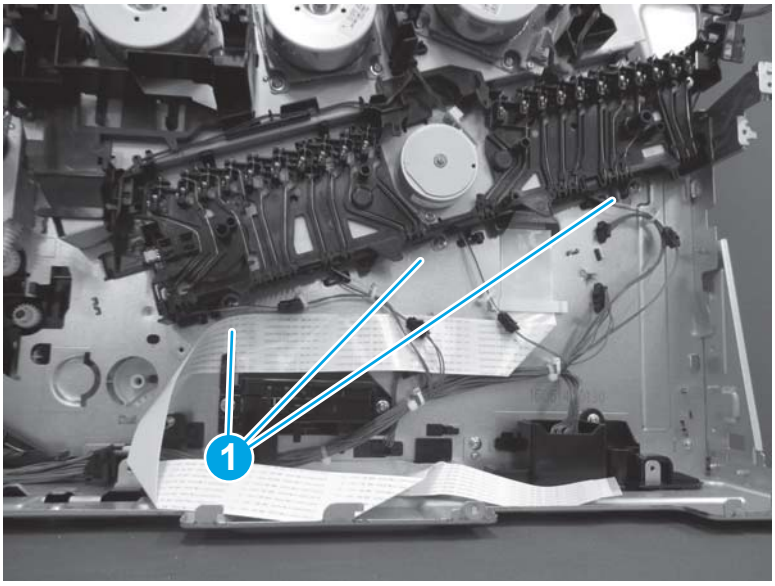
1. Release two tabs (callout 1), and then remove the link arm (callout 2).

Figure 1-1741 Remove the link arm



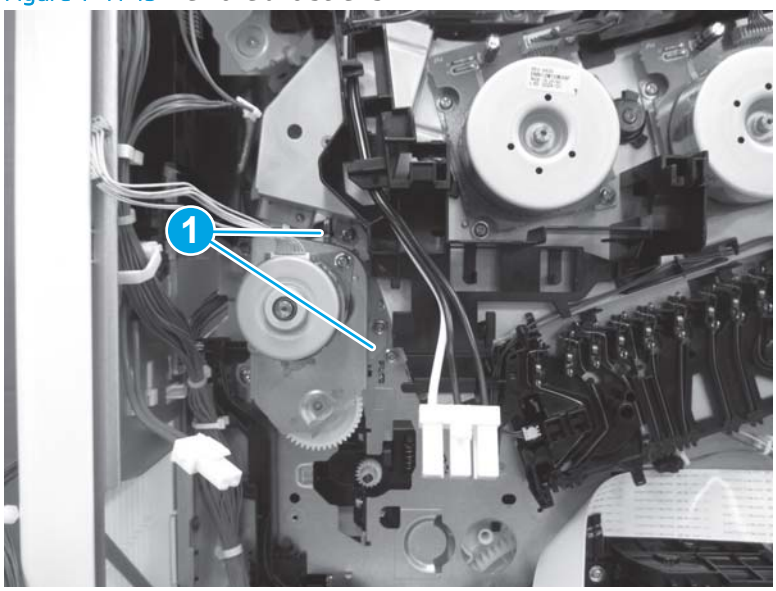
2. Remove three screws (callout 1).

Figure 1-1742 Remove three screws



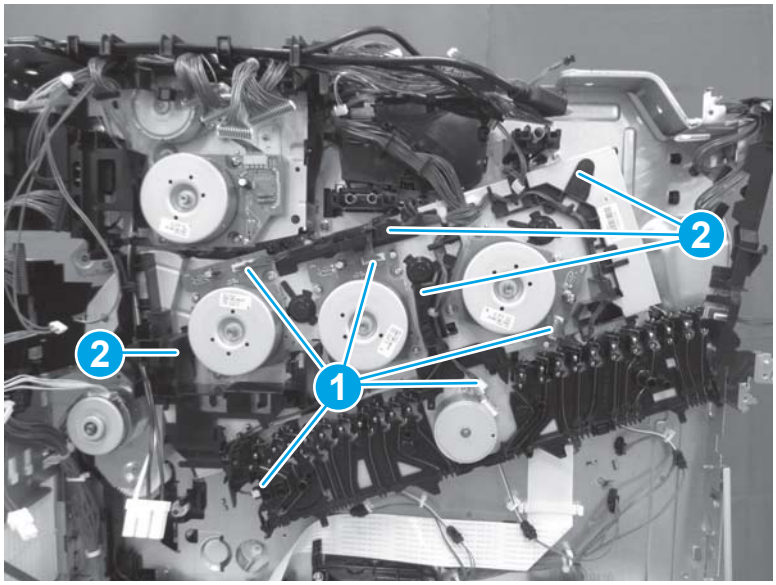
3. Remove two screws (callout 1).

Figure 1-1743 Remove two screws



4. Disconnect fiv connectors (callout 1), and then release all cables from the cable guides (callout 2).

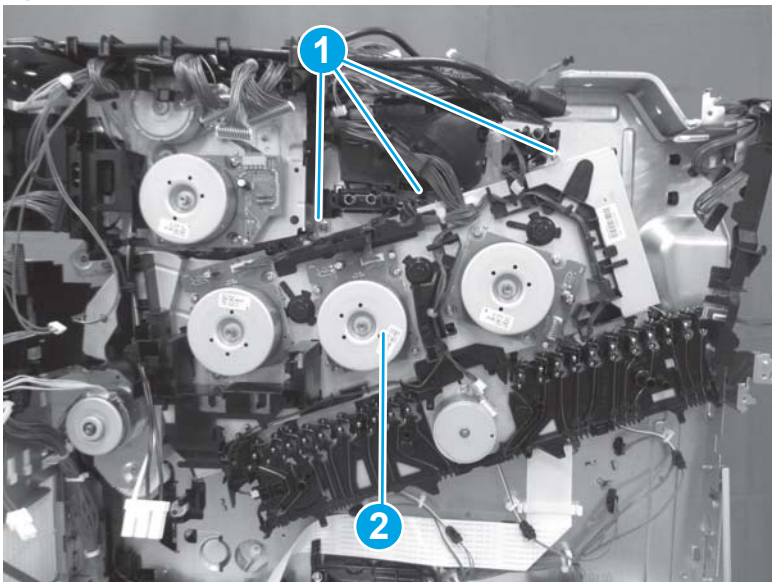
Figure 1-1744 Disconnect fiv connectors and release cables



5. Remove three screws (callout 1), and then lift the main drive assembly (callout 2) slightly away from the printer.

⚠ CAUTION: Do not completely remove the main drive assembly. It is still connected to the printer.

Figure 1-1745 Remove three screws

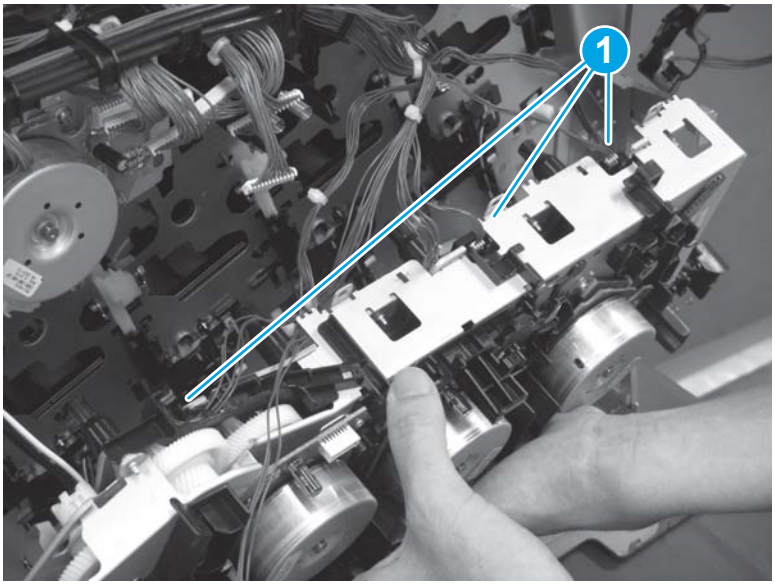


6. Disconnect three connectors (callout 1), and then remove the main drive assembly.

⚠ CAUTION: Use care when disconnecting the connector on the left side. It is attached to a small, square retainer that fit loosely in the main drive assembly. This retainer can easily be dislodged when the cable is disconnected. If the retainer becomes dislodged, reinstall it in the main drive assembly.

Reinstallation tip: Before reinstalling the main drive assembly, don't forget to connect the three cables running through the cable harness on the front to the three connectors on the back.

Figure 1-1746 Disconnect three connectors



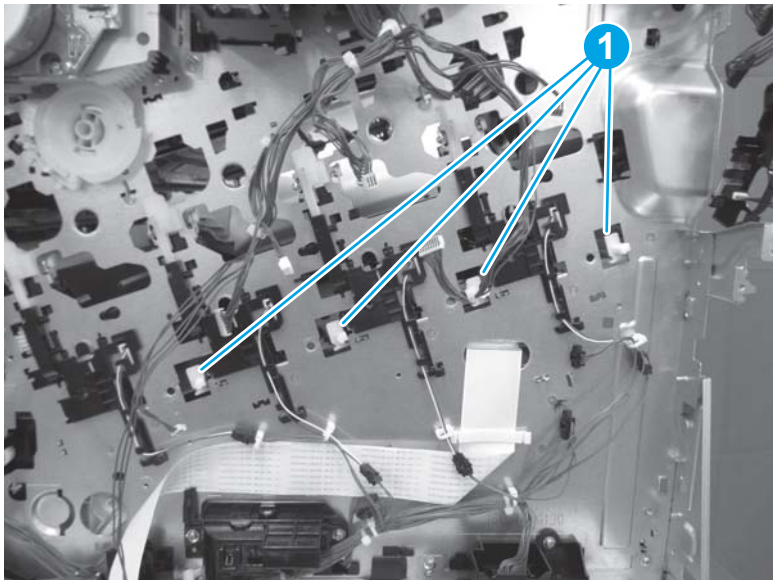
7. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Main drive assembly

▲ When reinstalling the main drive assembly, make sure that the four alienation levers (callout 1) are positioned on the right side of the sheet metal openings. If these levers are not positioned as shown, it is not possible to install the main drive assembly.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1747 Alienation lever positions



Step 30: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Fuser motor

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 6: Remove the formatter
- Step 7: Remove the formatter case
- Step 8: Remove the DC controller PCA
- Step 9: Remove the DC controller stay
- Step 10: Remove the fuser motor
- Step 14: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace fuser motor.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Fuser motor part number	
RM2-1955-000CN	Fuser motor (M4)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

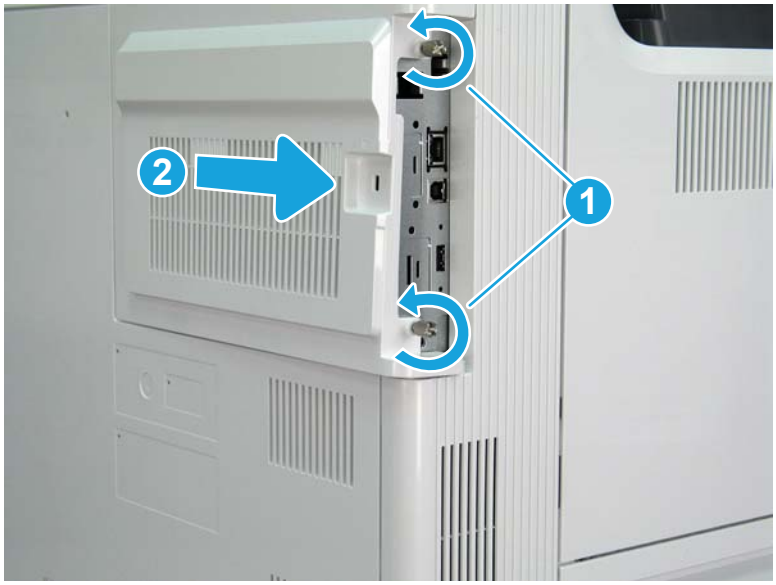
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

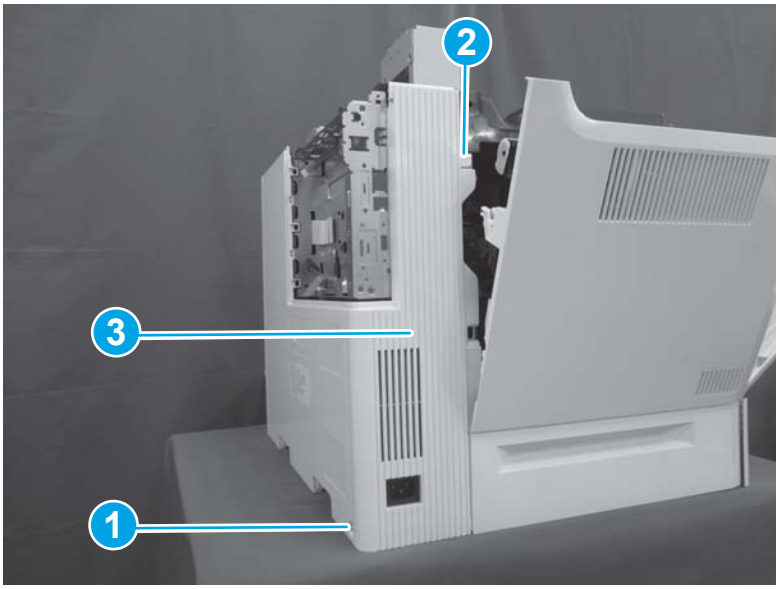
Figure 1-1748 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1749 Remove the left rear cover



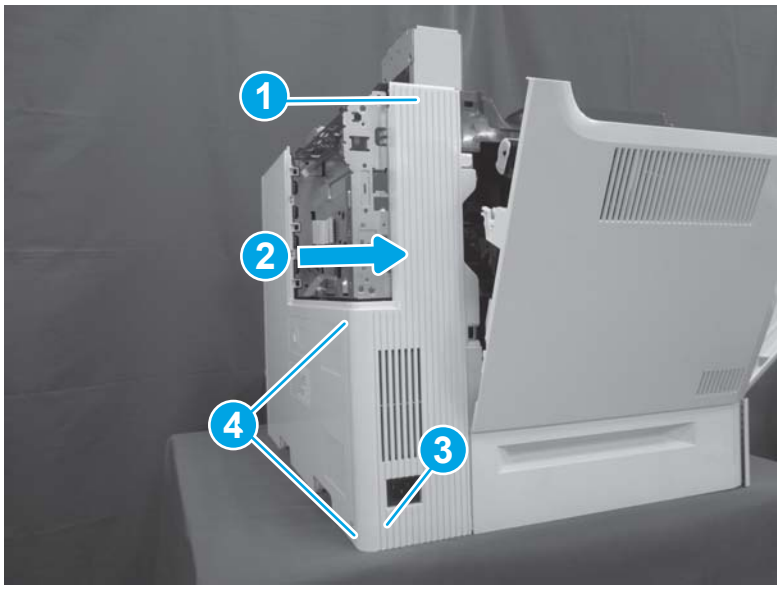
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1750 Install the left rear cover

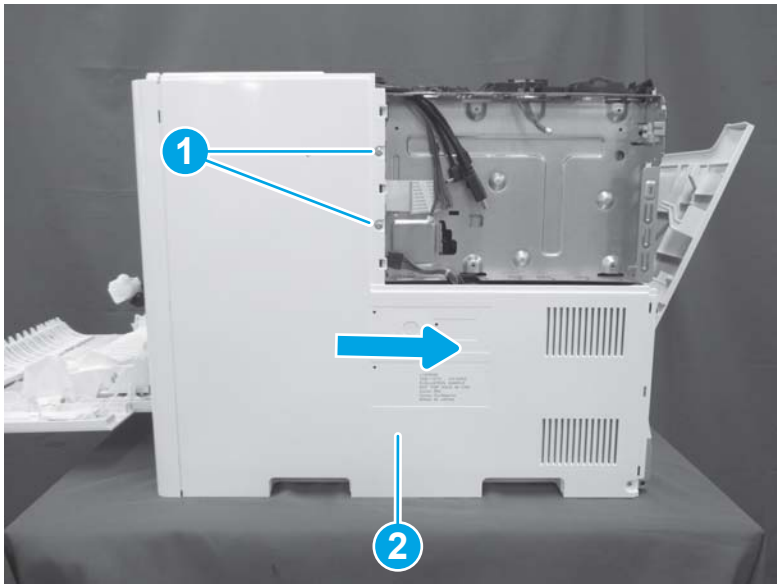


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1751 Remove two screws and the rear cover



Step 4: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 1098

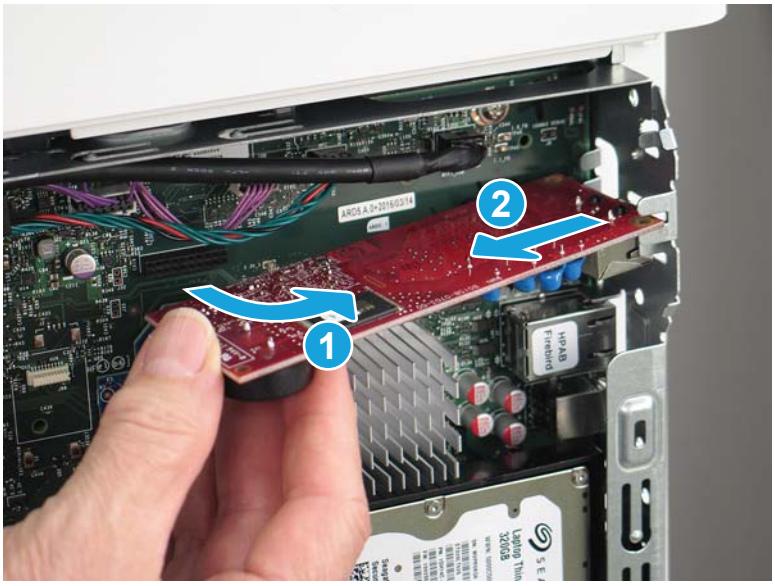
1. Locate the fax PCA on the formatter.

Figure 1-1752 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

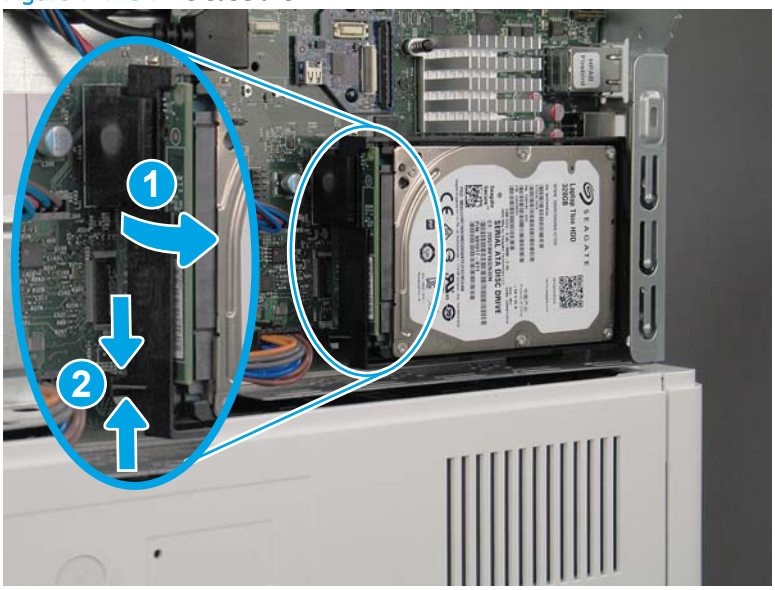
Figure 1-1753 Remove the fax PCA



Step 5: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

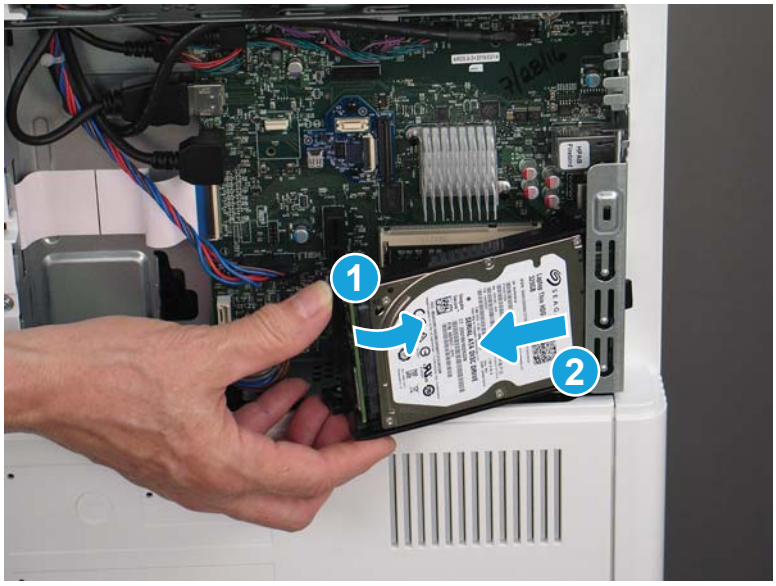
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1754 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1755 Remove the HDD



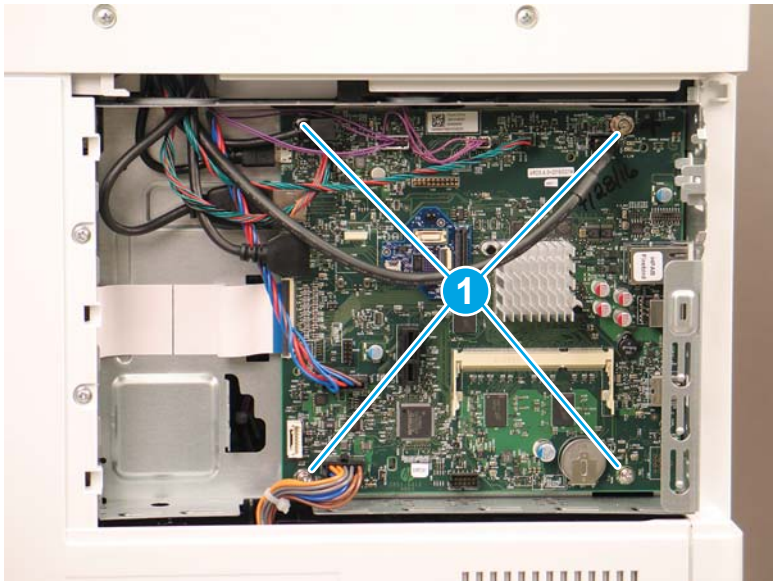
Step 6: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1756 Remove the formatter

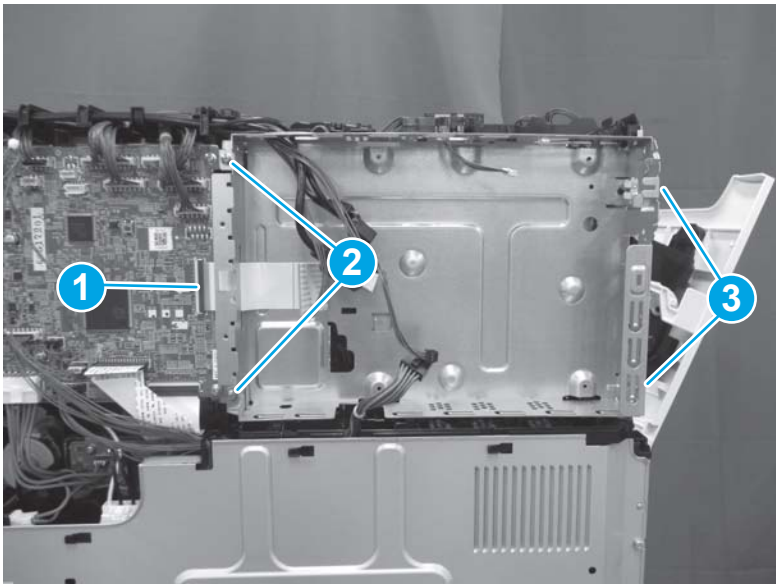


Step 7: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

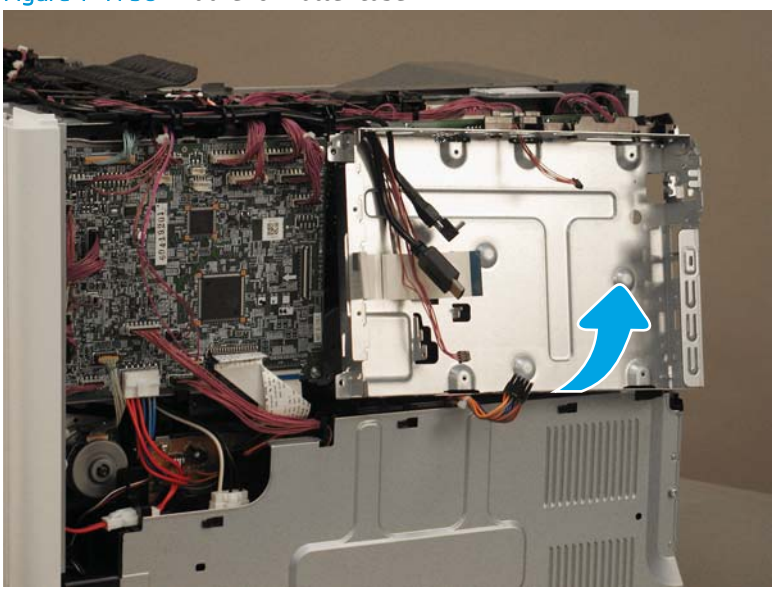
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1757 Disconnect one connector and remove four screws



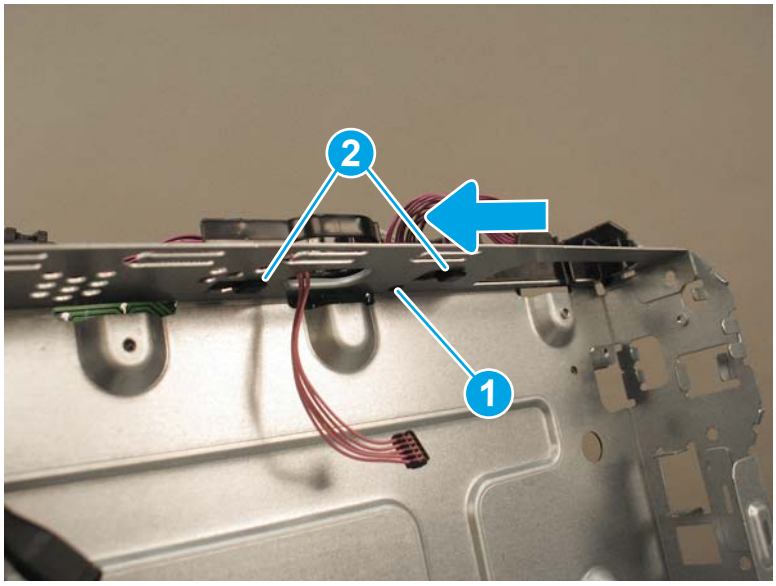
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1758 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1759 Remove the cable guide



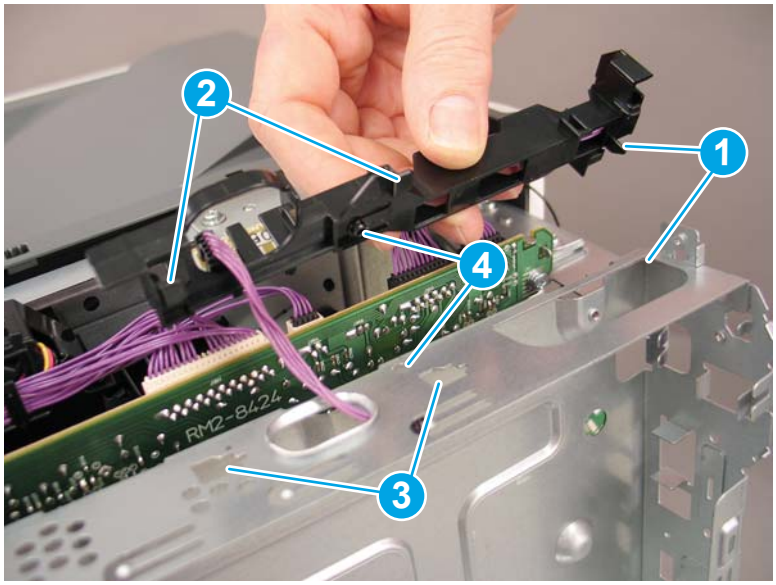
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

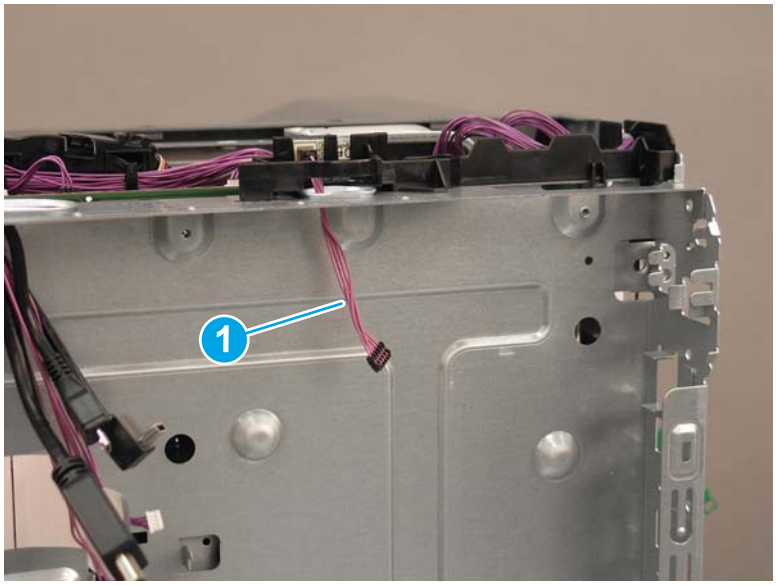
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1760 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

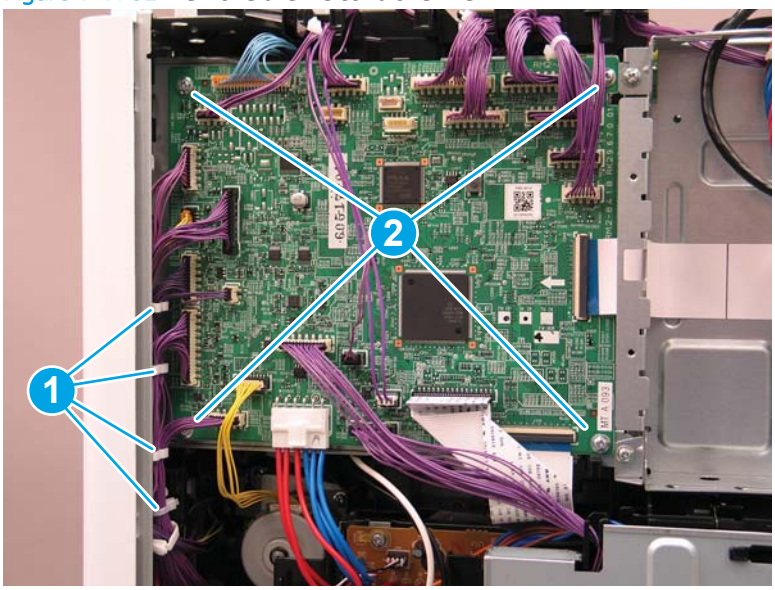
Figure 1-1761 Check the IOD cable



Step 8: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1762 Remove the DC controller PCA



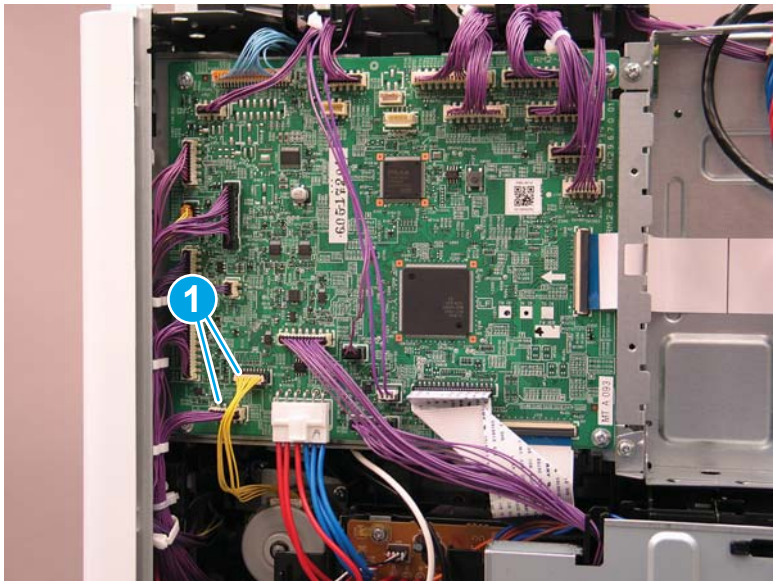
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

▲ Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

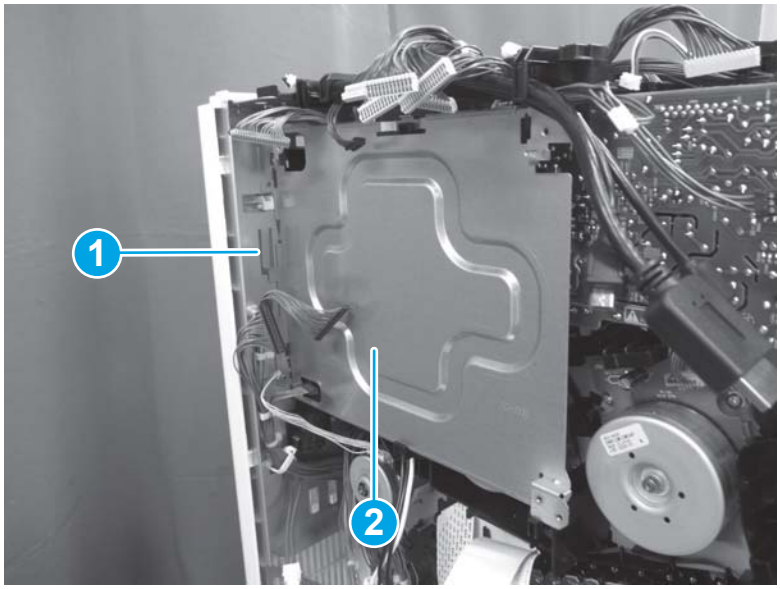
Figure 1-1763 Check the yellow cable



Step 9: Remove the DC controller stay

▲ Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

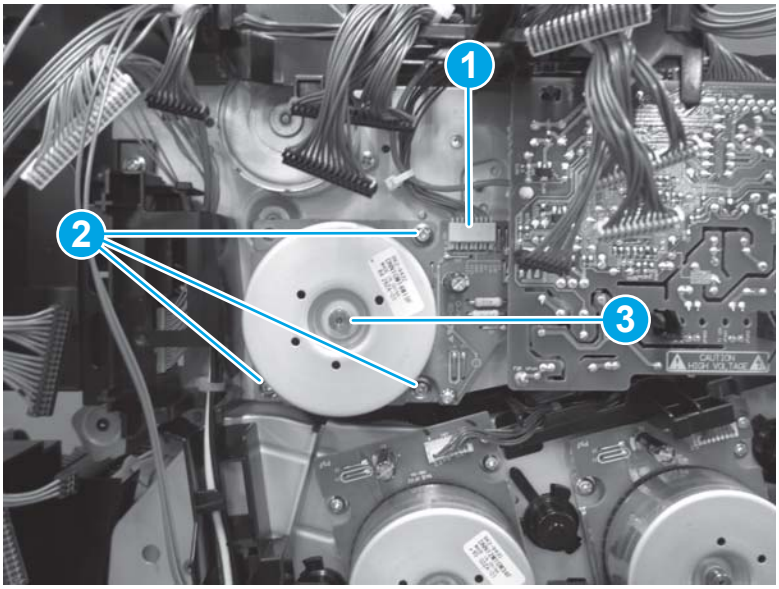
Figure 1-1764 Remove the DC controller stay



Step 10: Remove the fuser motor

1. Disconnect one connector (callout 1), remove three screws (callout 2), and then remove the fuser motor (callout 3).

Figure 1-1765 Remove the fuser motor



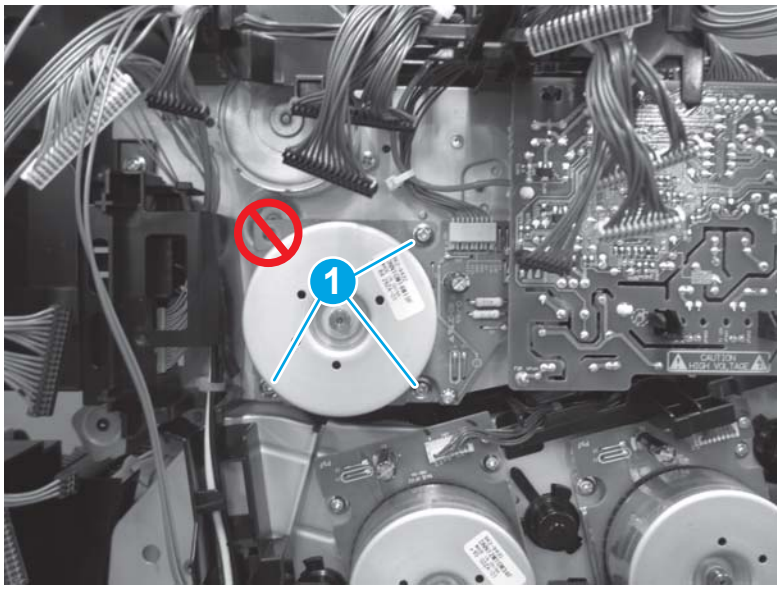
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Fuser motor

▲ Reinstall the screws in the correct locations (callout 1). Do not install a screw in the hole in the upper left corner

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1766 Reinstall the screws



Step 14: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Fuser drive assembly

- Introduction
- Step 1: Remove the fuser
- Step 2: Remove the intermediate transfer belt (ITB)
- Step 3: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 4: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 6: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 7: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 13: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 15: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 16: Remove the output bin
- Step 17: Remove the formatter cover
- Step 18: Remove the left rear cover
- Step 19: Remove the rear cover
- Step 20: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)
- Step 21: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)
- Step 22: Remove the formatter
- Step 23: Remove the formatter case
- Step 24: Remove the DC controller PCA
- Step 25: Remove the DC controller stay
- Step 26: Remove the upper high-voltage power supply (HVPS)
- Step 27: Remove the fuser drive assembly
- Step 28: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the fuser drive assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Fuser drive assembly part number	
RM2-1934-000CN	Fuser drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the fuser

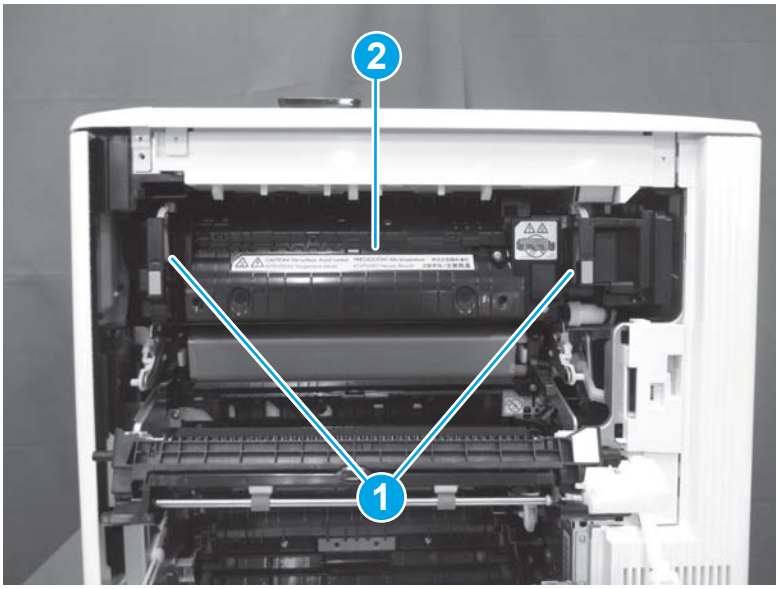
1. Open the right door.

Figure 1-1767 Open the right door



2. Grasp the handles (callout 1), and then pull away from the printer to remove the fuser (callout 2).

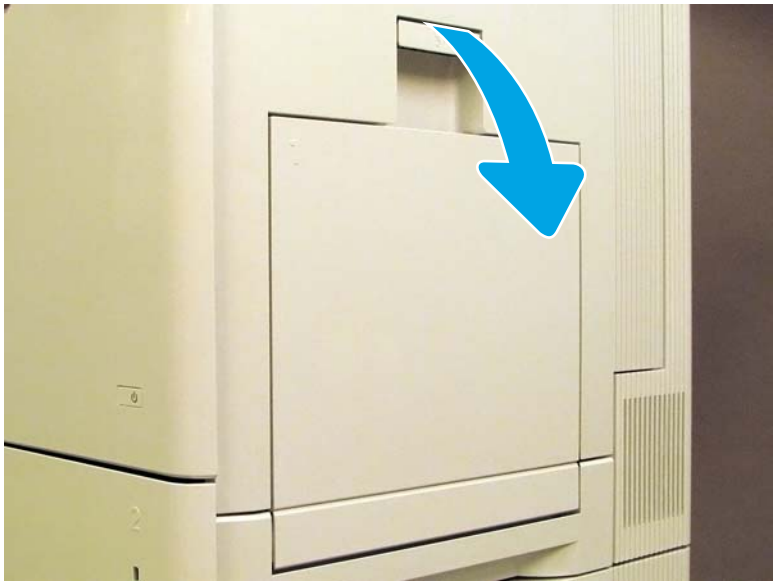
Figure 1-1768 Remove the fuser



Step 2: Remove the intermediate transfer belt (ITB)

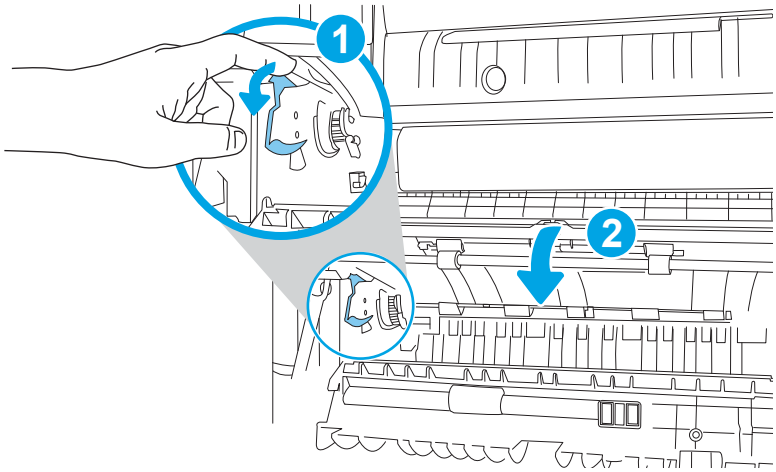
1. Open the right door.

Figure 1-1769 Open the right door



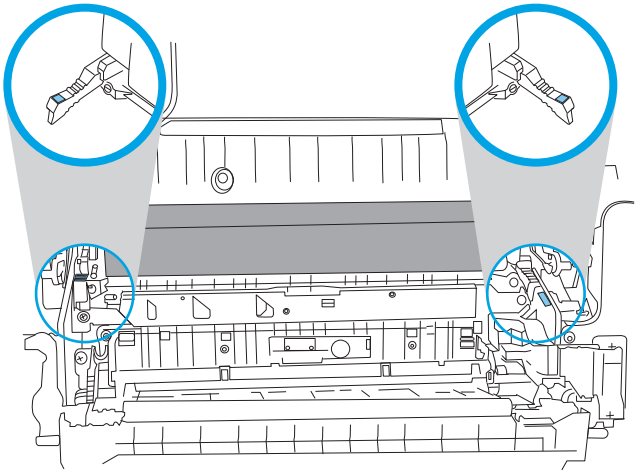
2. Release the blue latch (callout 1), and then lower the transfer assembly (callout 2).

Figure 1-1770 Lower the transfer assembly



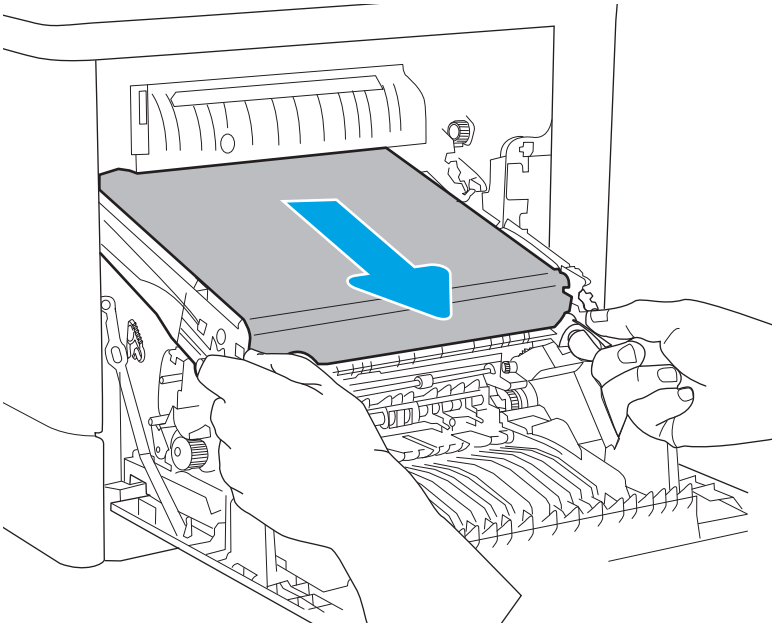
3. Grasp the two blue handles on the ITB.

Figure 1-1771 Grasp the two blue handles



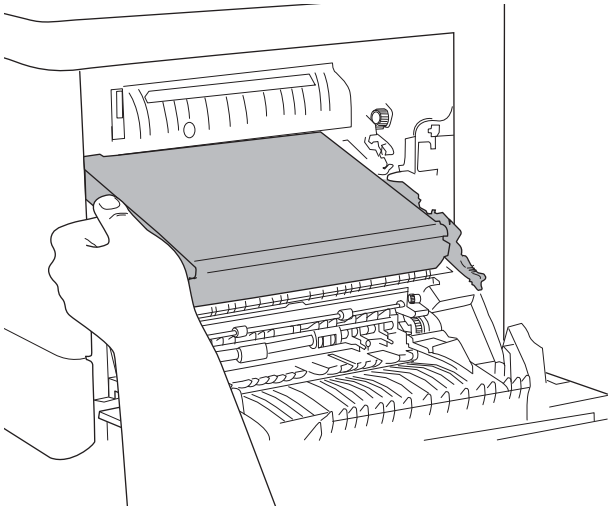
4. Pull the ITB partially out of the printer.

Figure 1-1772 Pull the ITB partially out of the printer



5. Grasp the outside edges of the ITB to support it, and then remove the ITB from the printer.

Figure 1-1773 Remove the ITB



Step 3: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

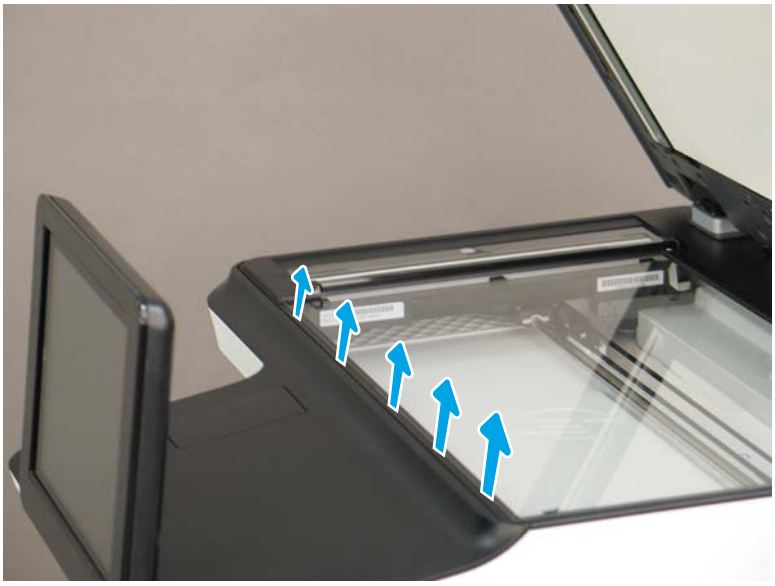
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1774 Tilt the control panel and open the document feeder



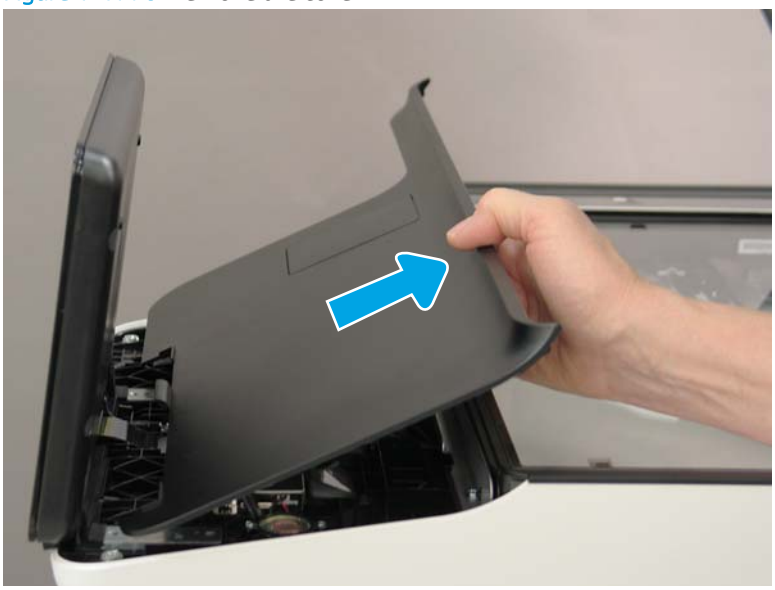
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1775 Release fiv tabs



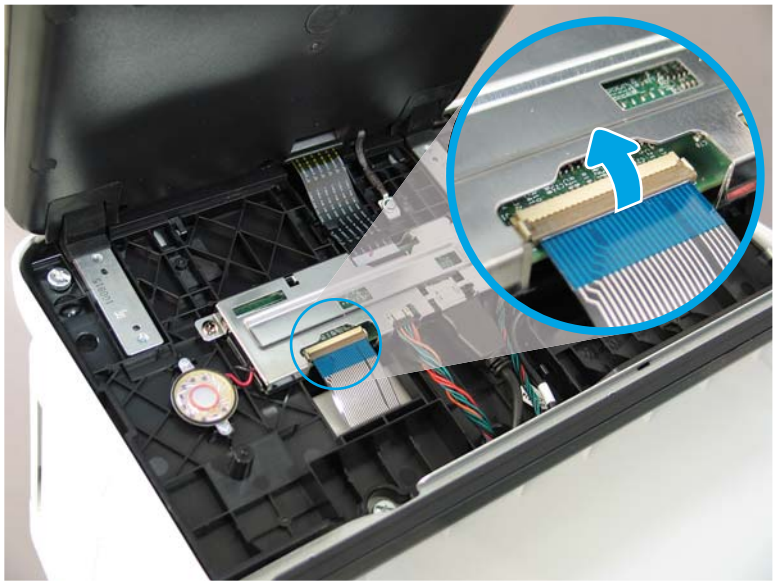
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1776 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1777 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1778 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1779 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1780 Remove the keyboard



Step 4: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

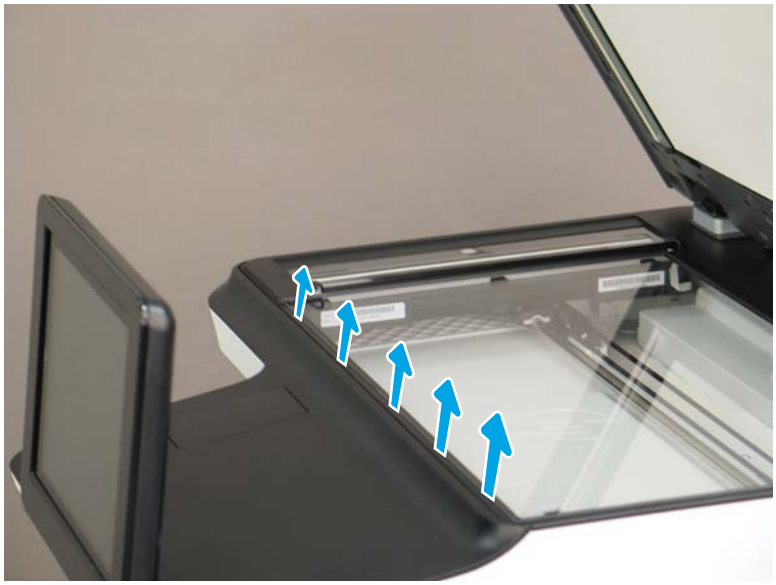
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1781 Tilt the control panel forward and open the document feeder



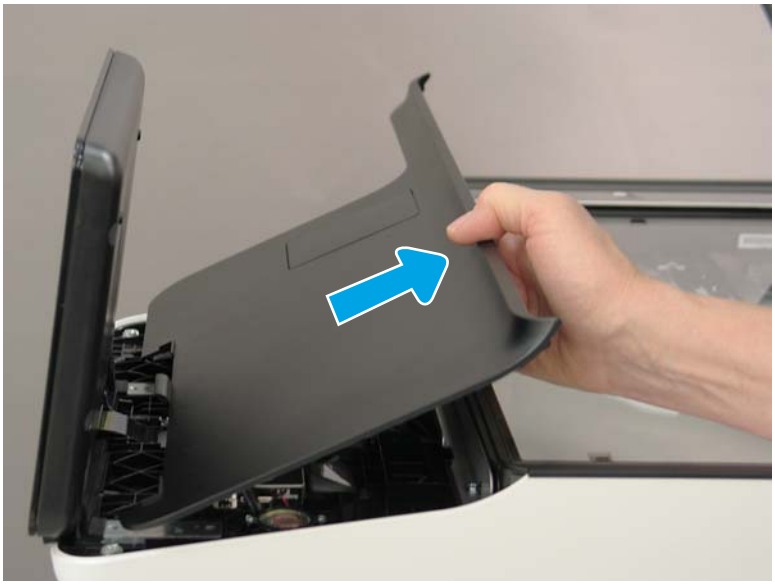
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1782 Release fiv tabs



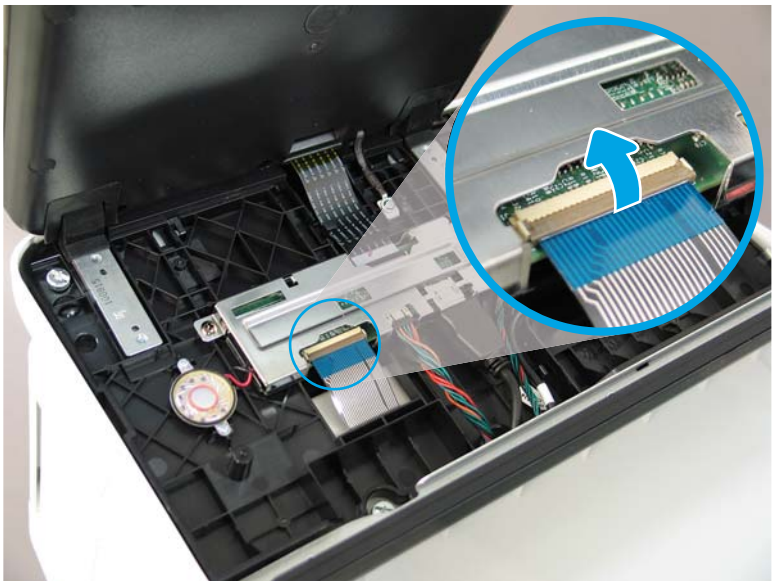
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1783 Remove the cover



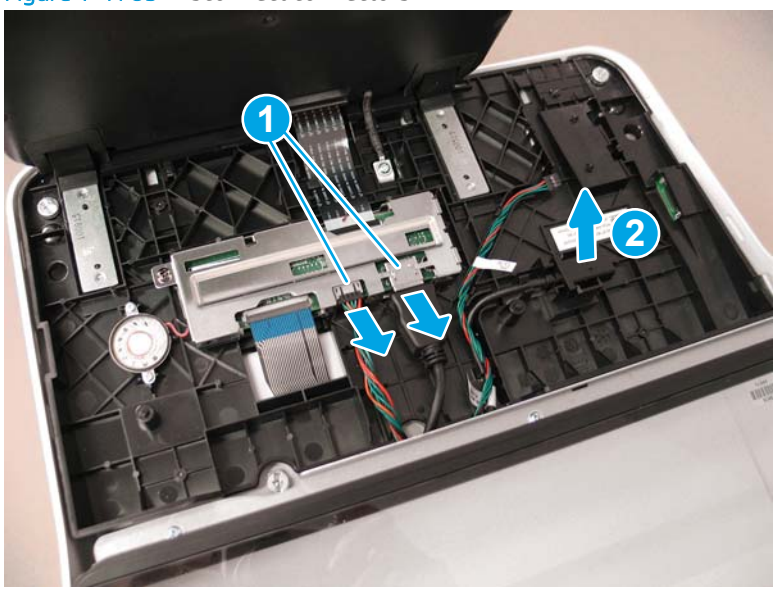
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1784 Disconnect the keyboard fla cable (keyboard models only)



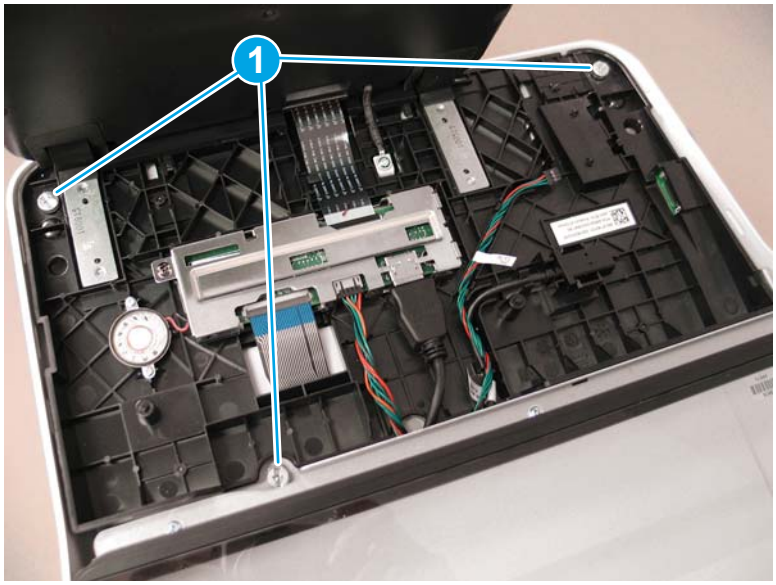
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1785 Disconnect connectors



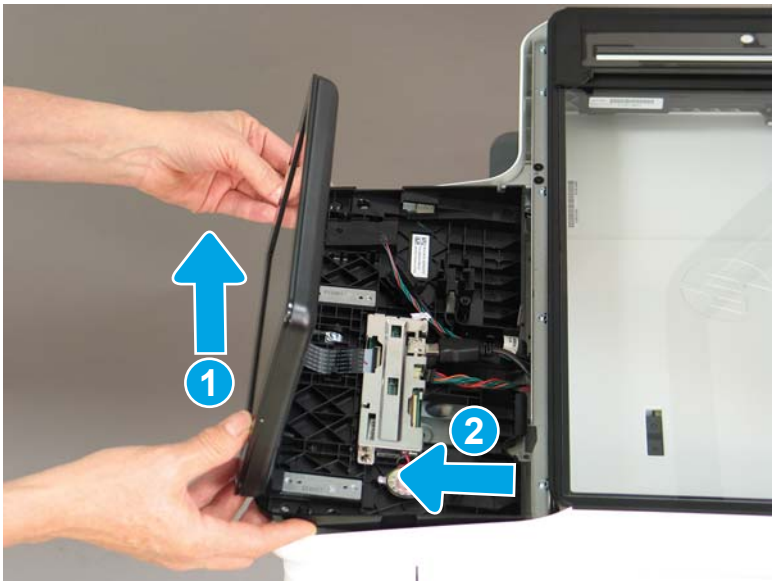
6. Remove three thumbscrews (callout 1).

Figure 1-1786 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

Figure 1-1787 Remove the control panel

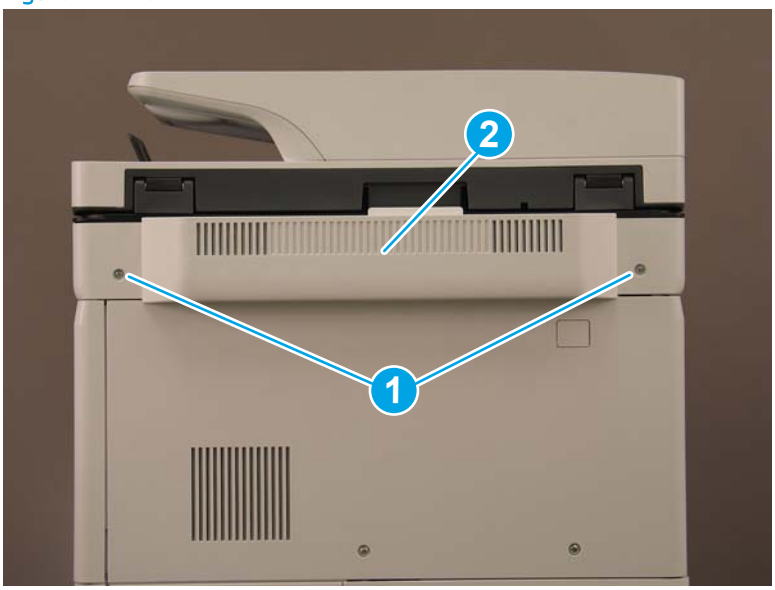


Step 5: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

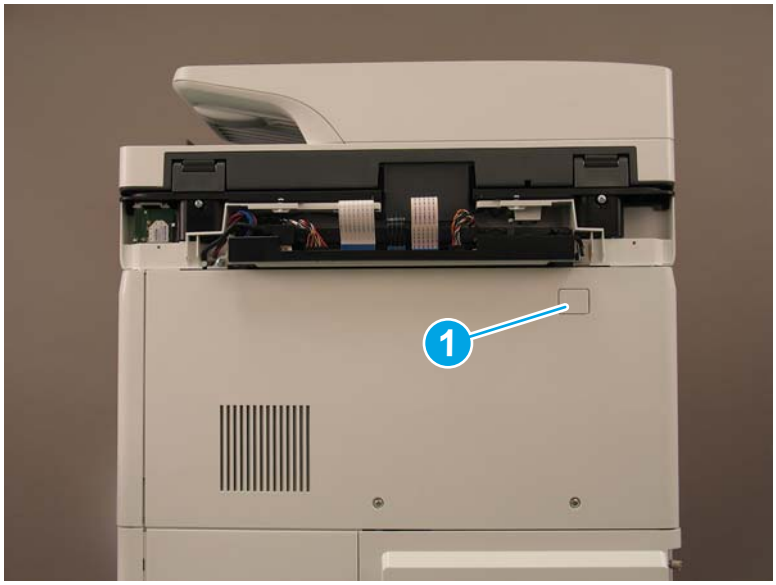
Figure 1-1788 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

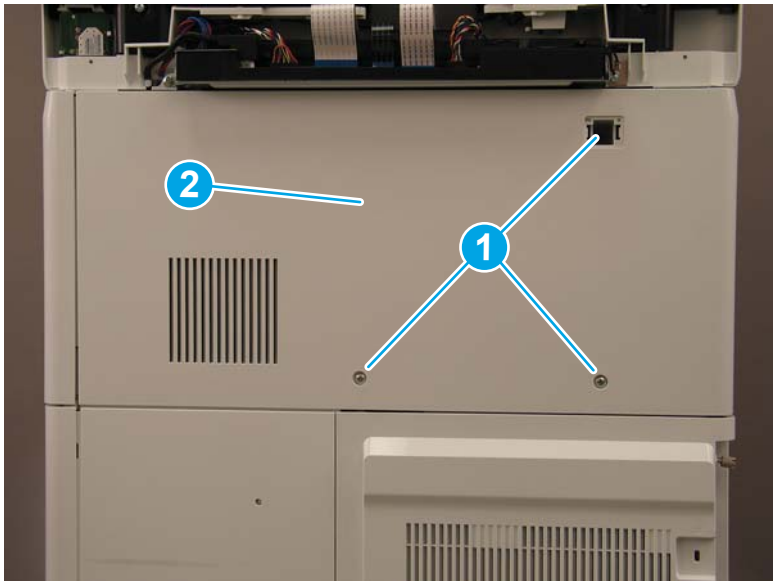
   a. At the back of the printer, remove one small cover (callout 1).

Figure 1-1789 Remove the small cover



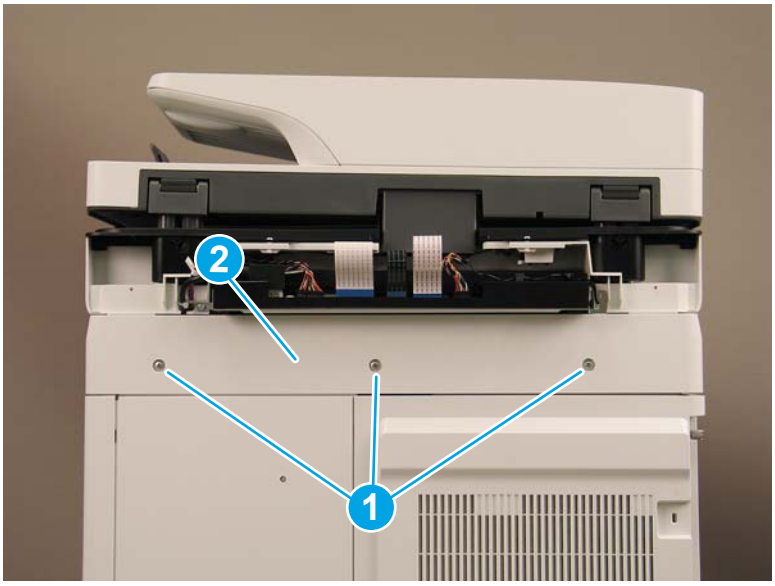
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1790 Remove the stapler/stacker rear cover



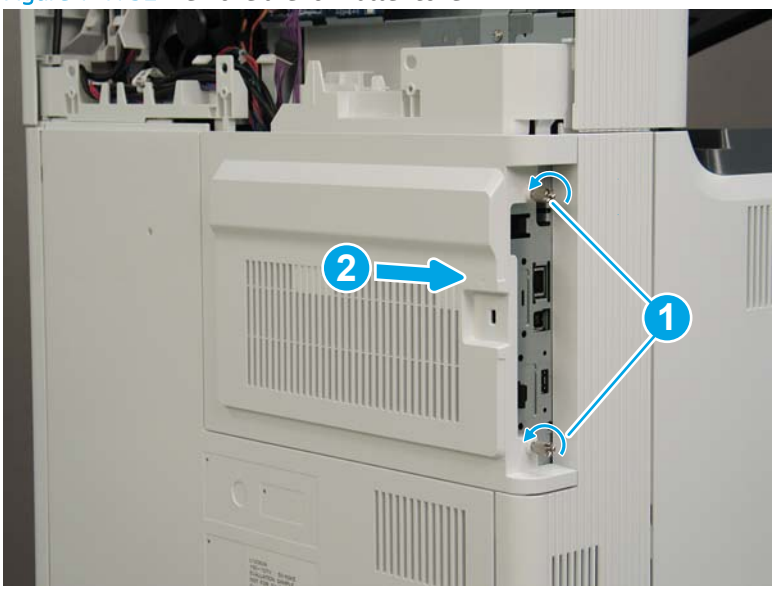
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1791 Remove the upper rear cover



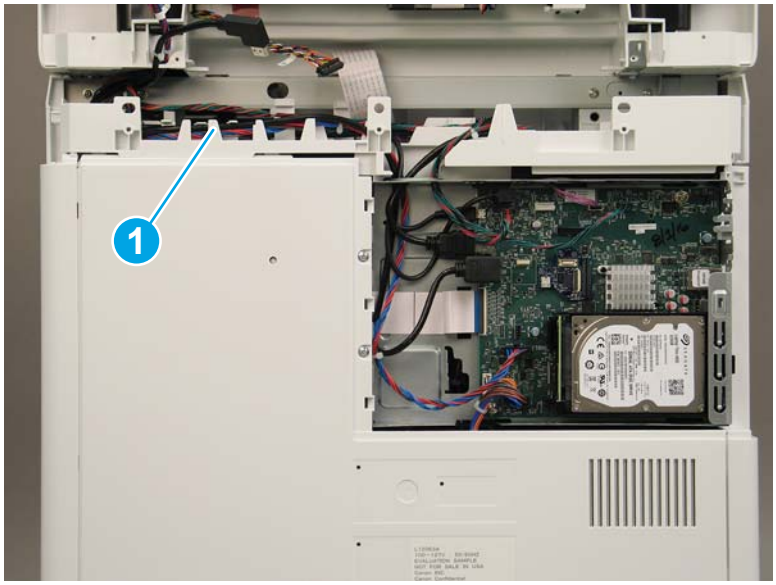
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1792 Remove the formatter cover



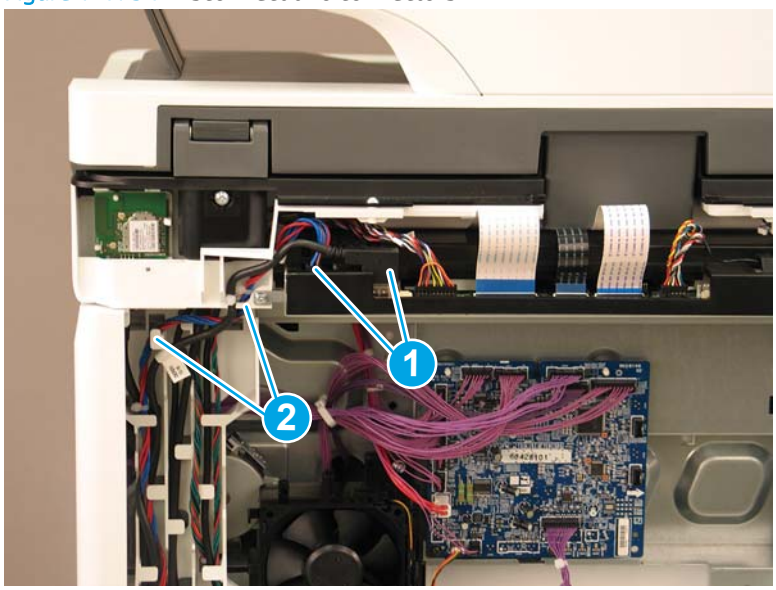
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1793 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1794 Disconnect two connectors



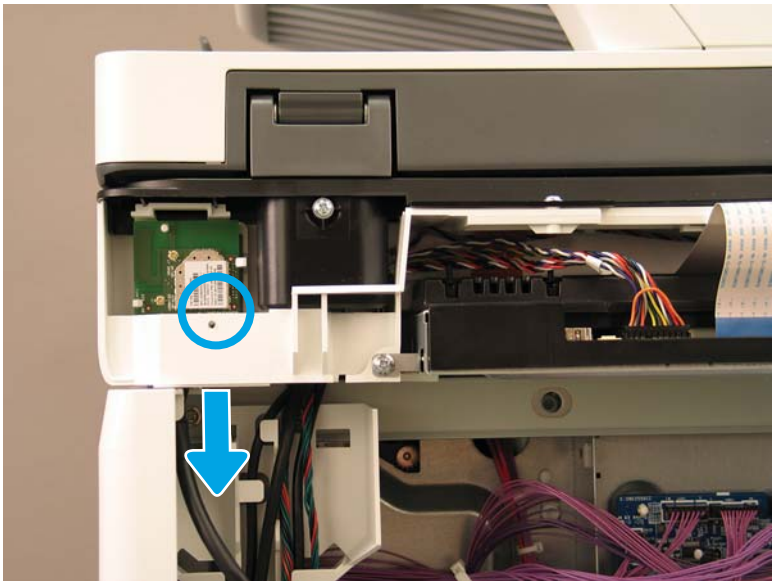
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1795 Disconnect fiv connectors



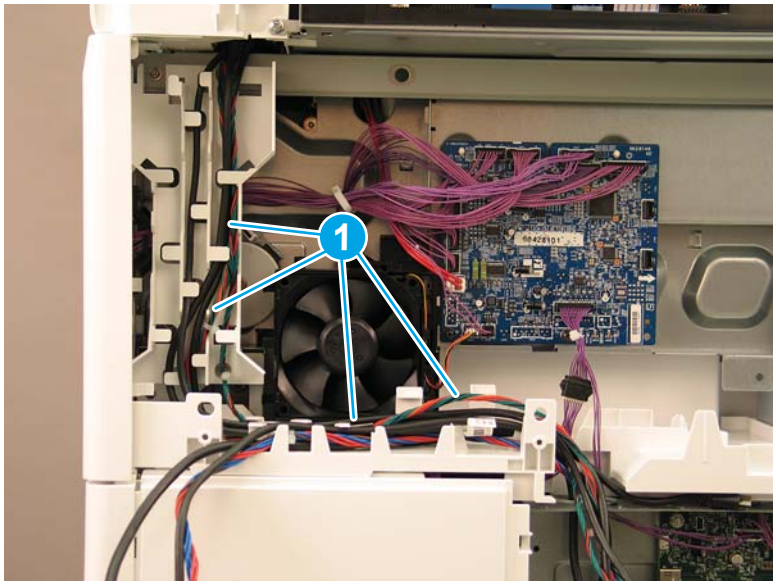
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1796 Disconnect the wireless connector



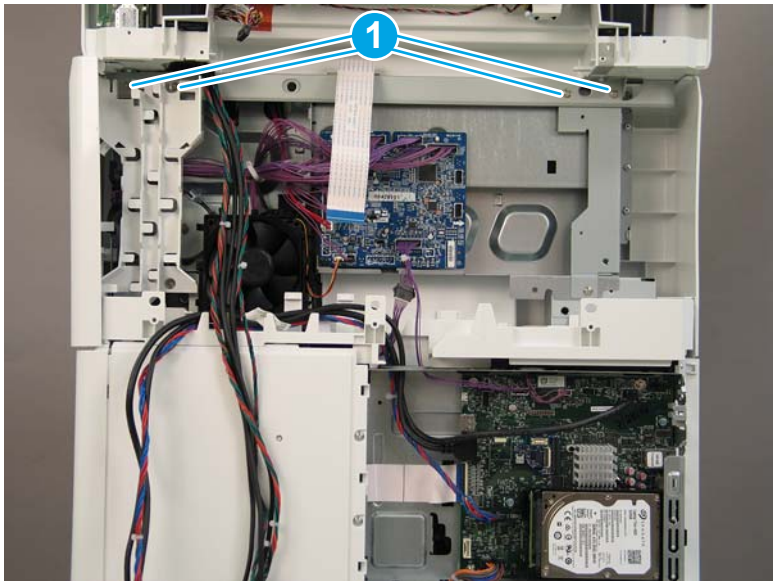
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1797 Release the cables



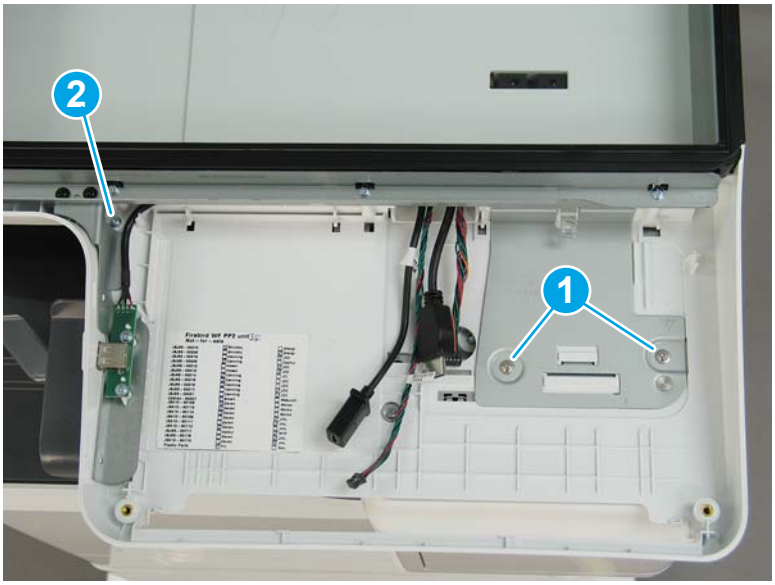
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1798 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1799 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1800 Remove the document feeder and image scanner



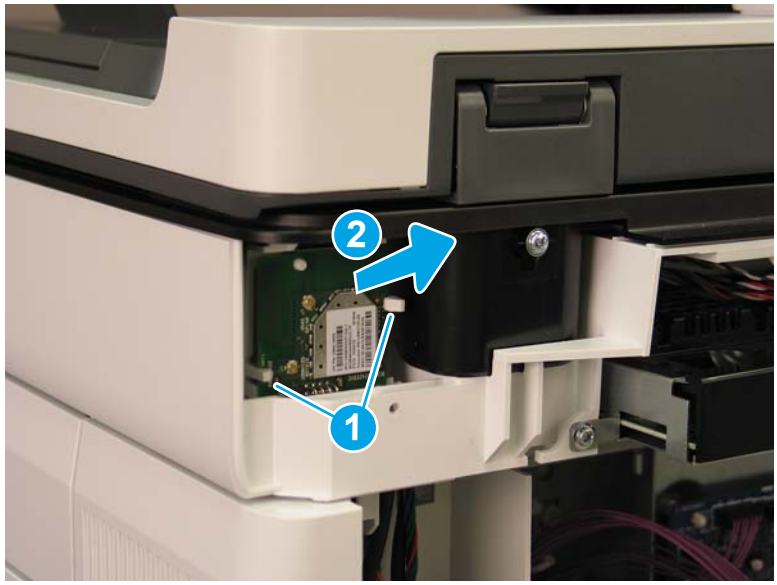
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

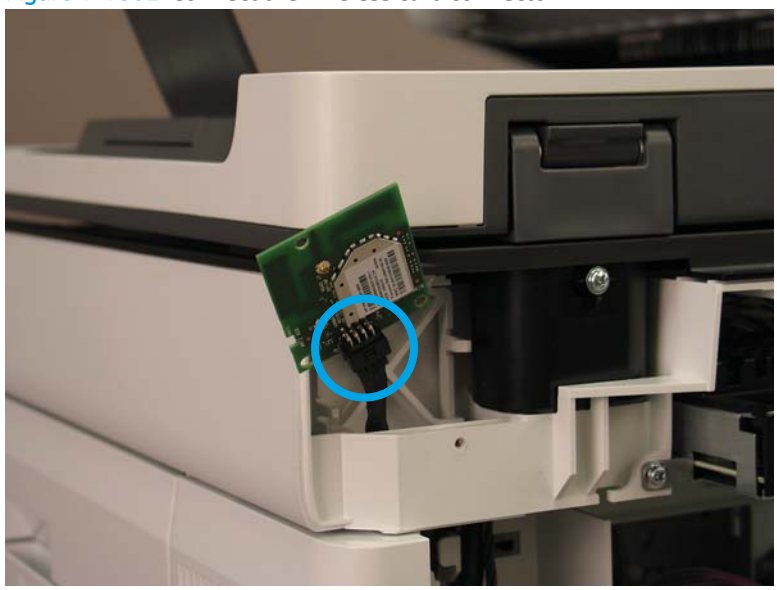
   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1801 Remove the wireless card



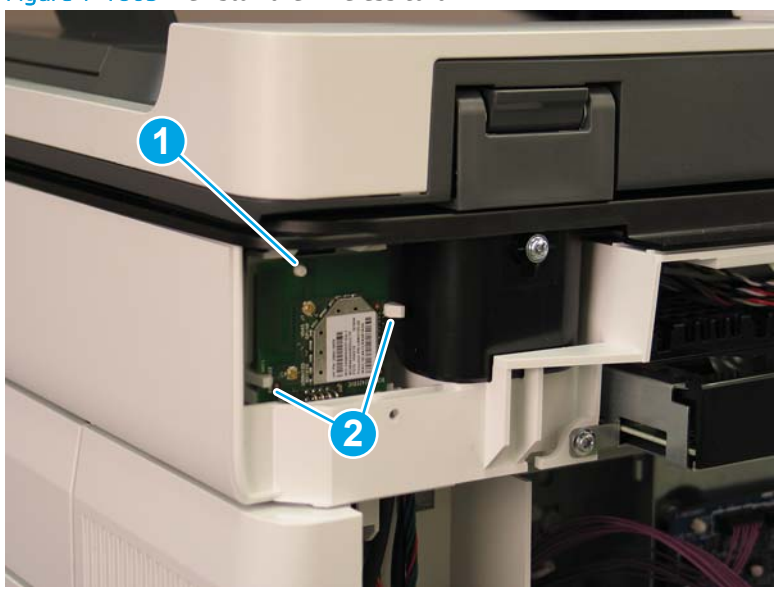
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1802 Connect the wireless card connector



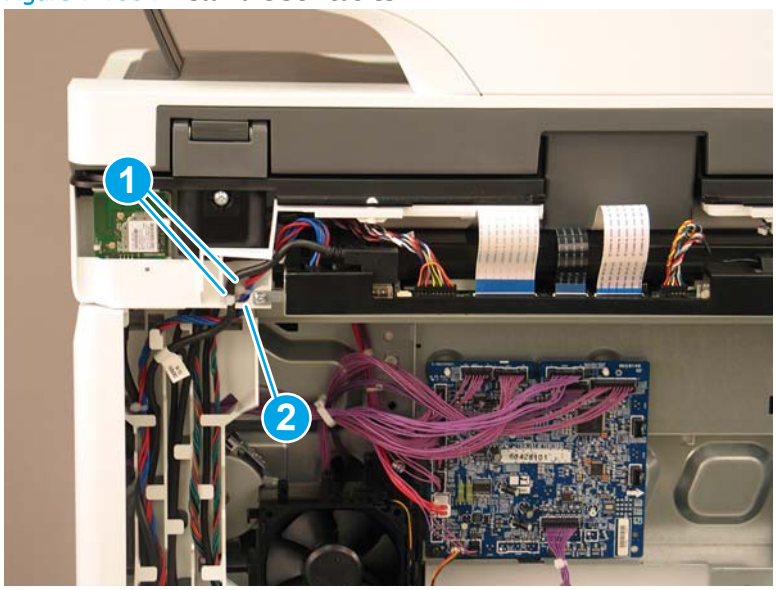
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1803 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1804 Install the SCB cables



Step 6: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

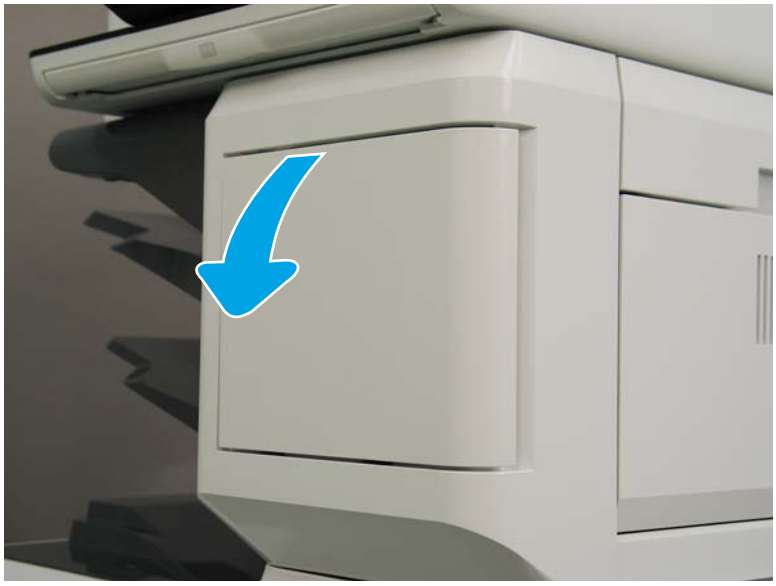
1. Open the front door.

Figure 1-1805 Open the front door



2. Open the stapler door.

Figure 1-1806 Open the stapler door



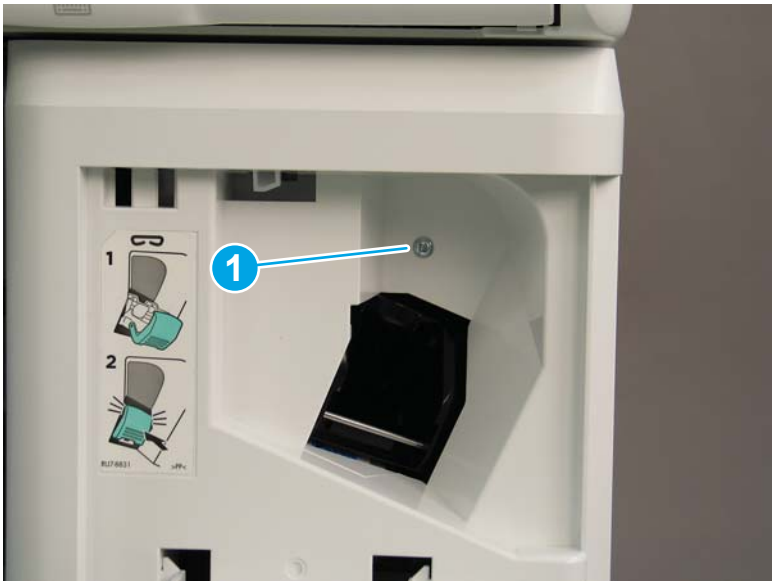
3. Release the latch, and then remove the staple cartridge.

Figure 1-1807 Remove the staple cartridge



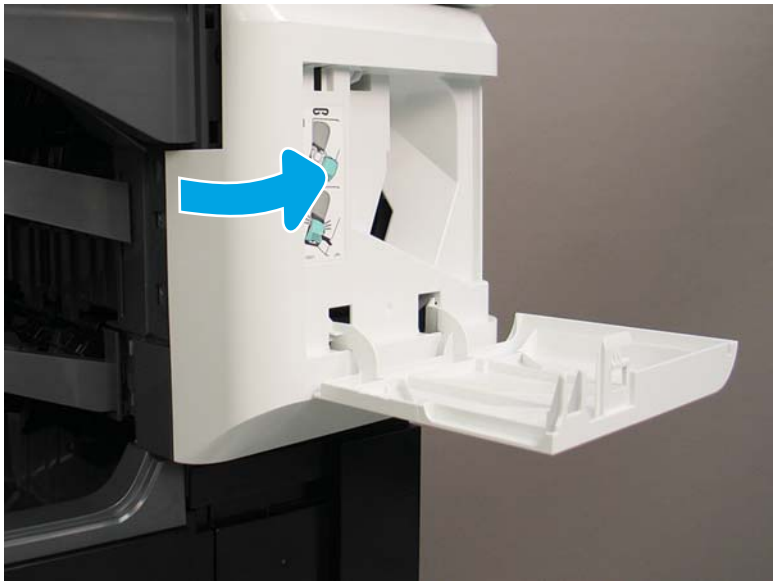
4. Remove one screw (callout 1).

Figure 1-1808 Remove one screw



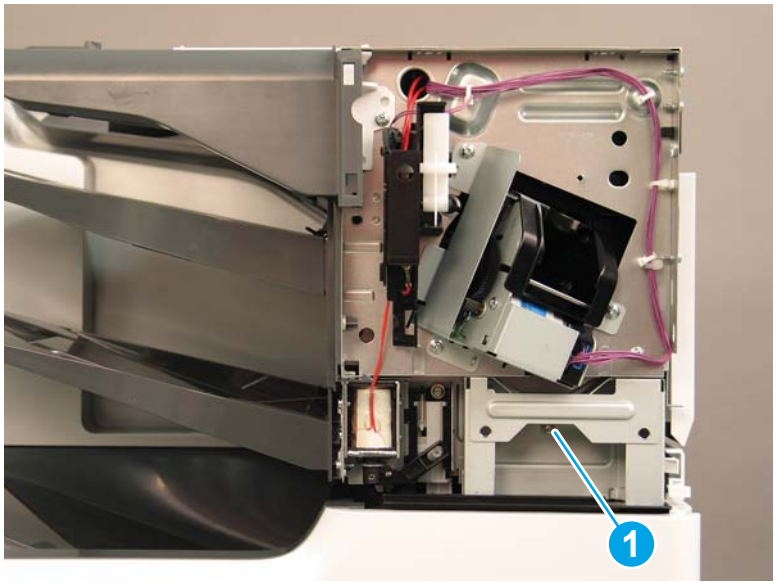
5. Rotate the stapler cover to the right to remove it.

Figure 1-1809 Remove the stapler cover



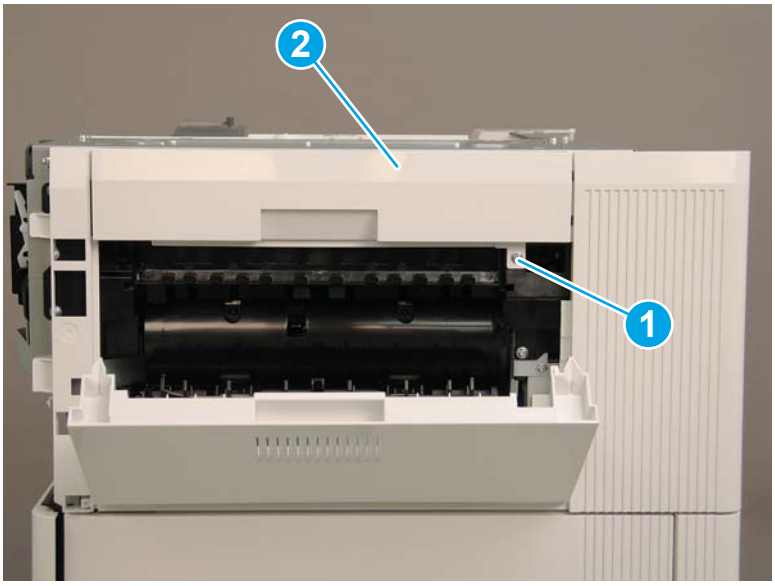
6. Remove one screw (callout 1).

Figure 1-1810 Remove one screw



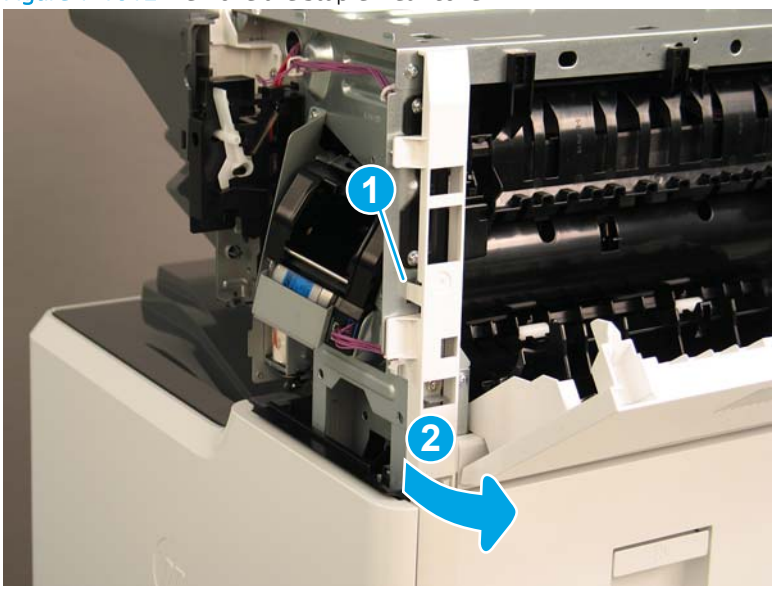
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1811 Remove the stapler/stacker right upper cover



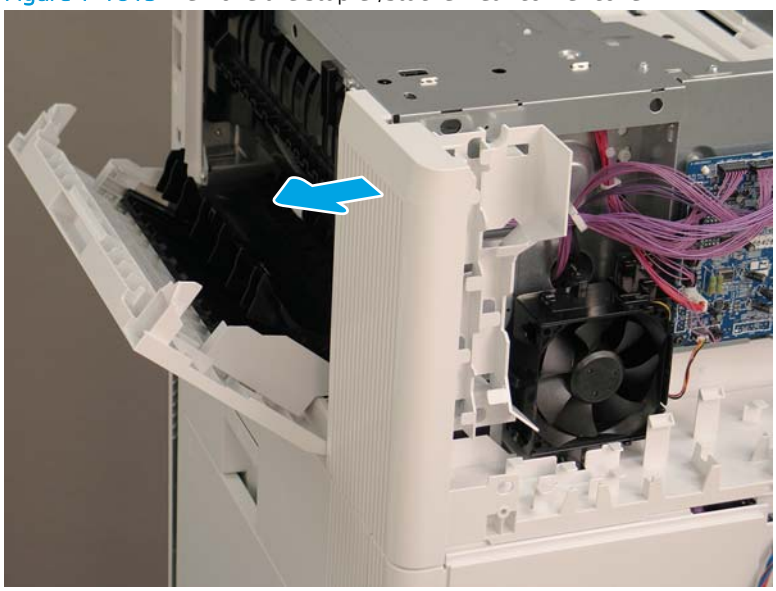
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1812 Remove the stapler rear cover



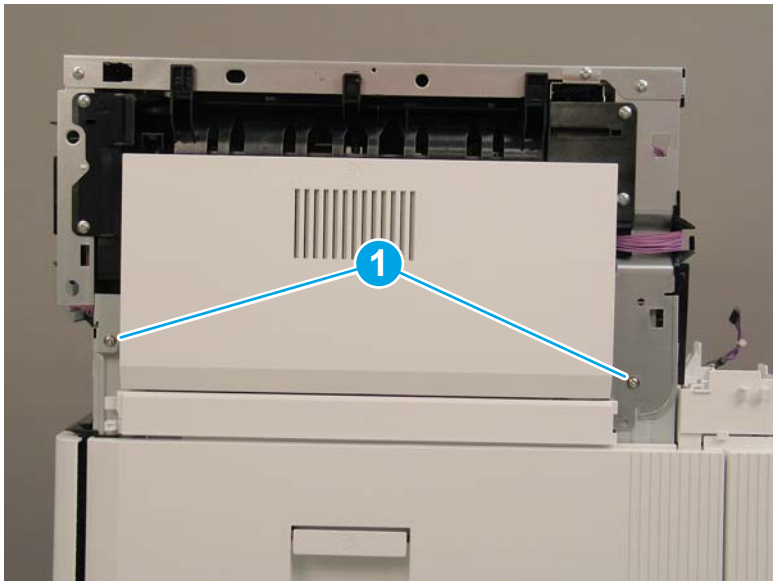
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1813 Remove the stapler/stacker rear corner cover



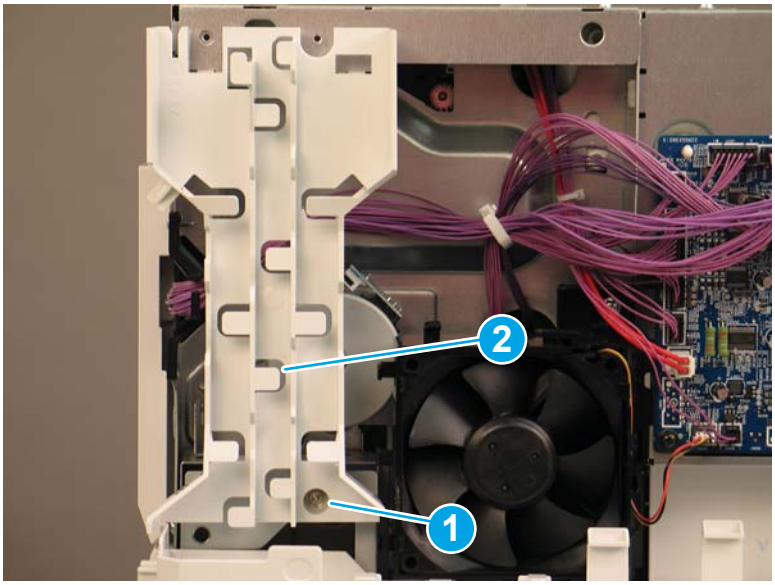
10. Remove two screws (callout 1).

Figure 1-1814 Remove two screws



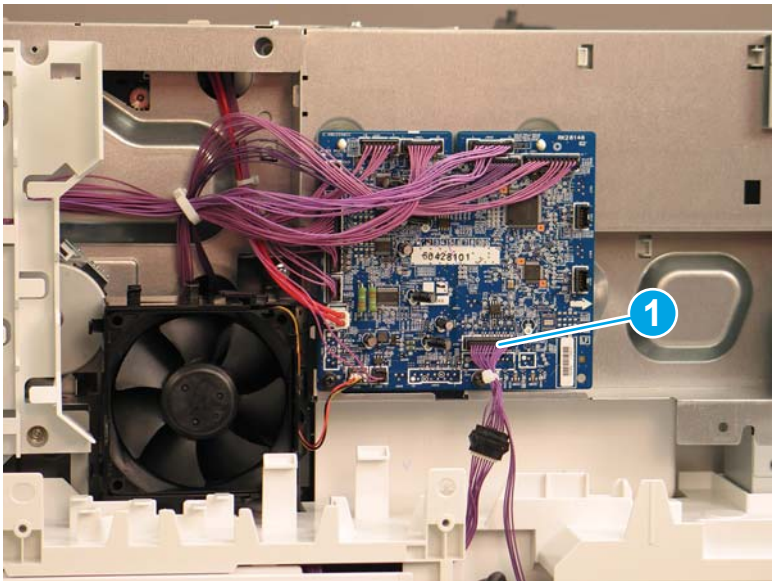
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1815 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

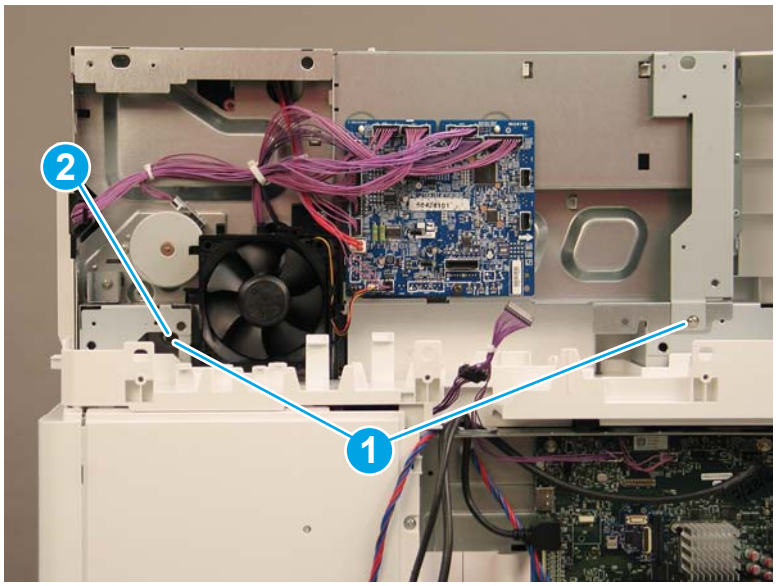
Figure 1-1816 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

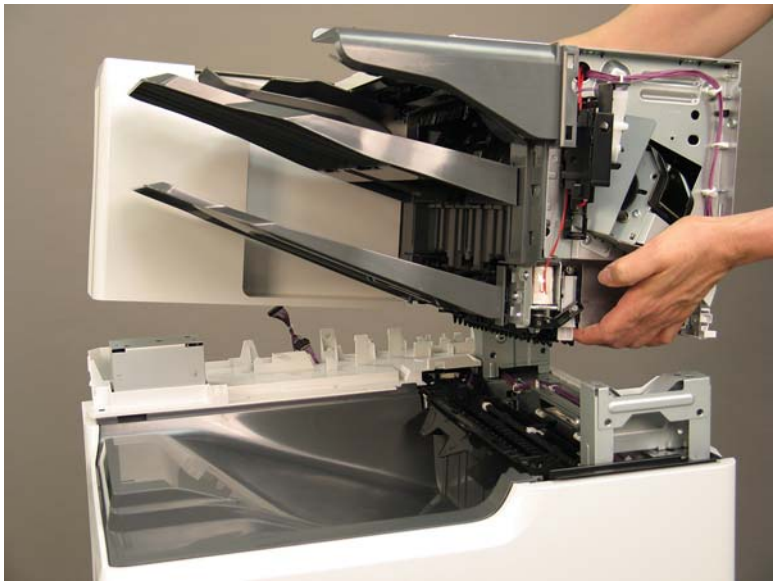
Figure 1-1817 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1818 Remove the stapler/stacker

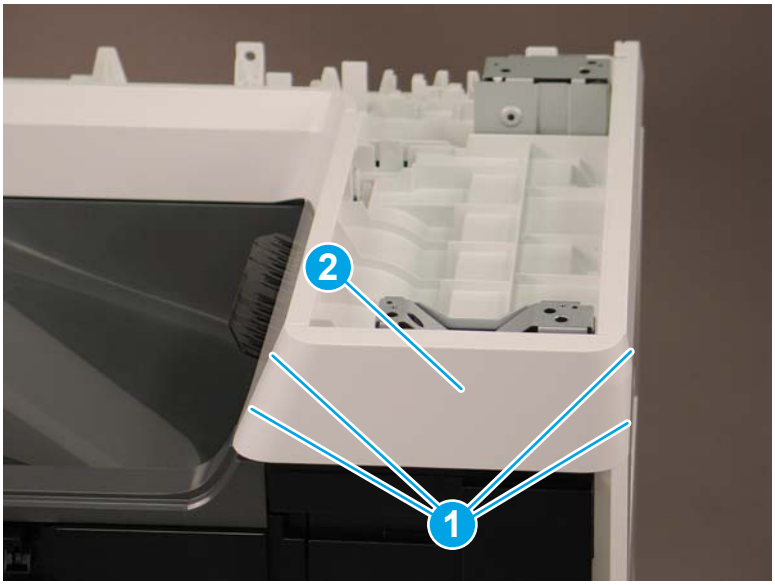


Step 7: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1819 Remove the face-down front cover



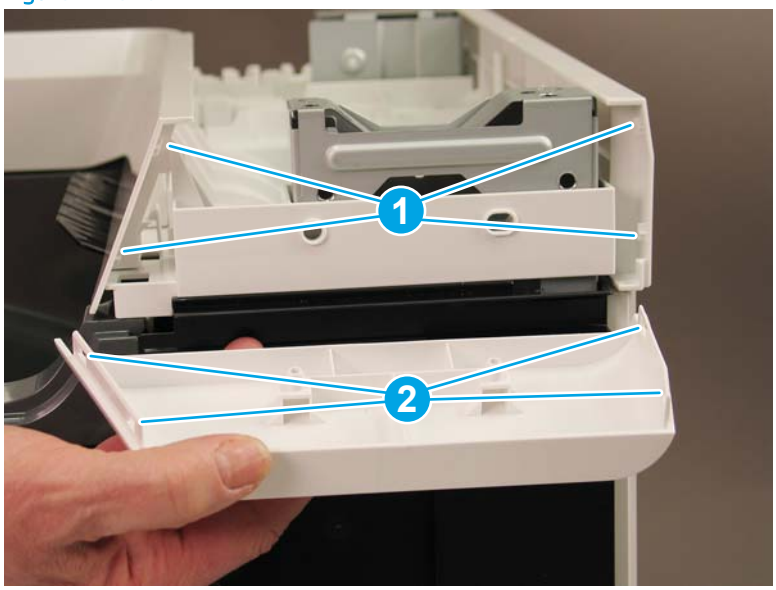
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

▲ When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1820 Install the cover



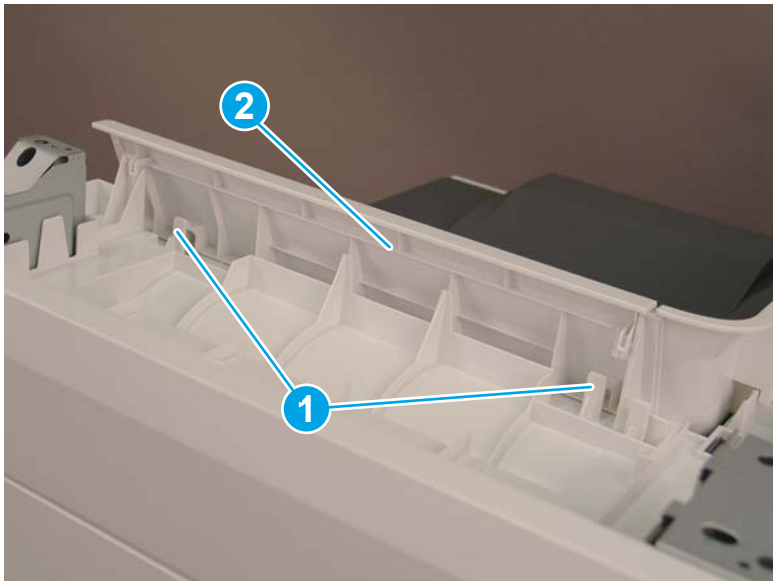
Step 8: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

▲ Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1821 Remove the top cover



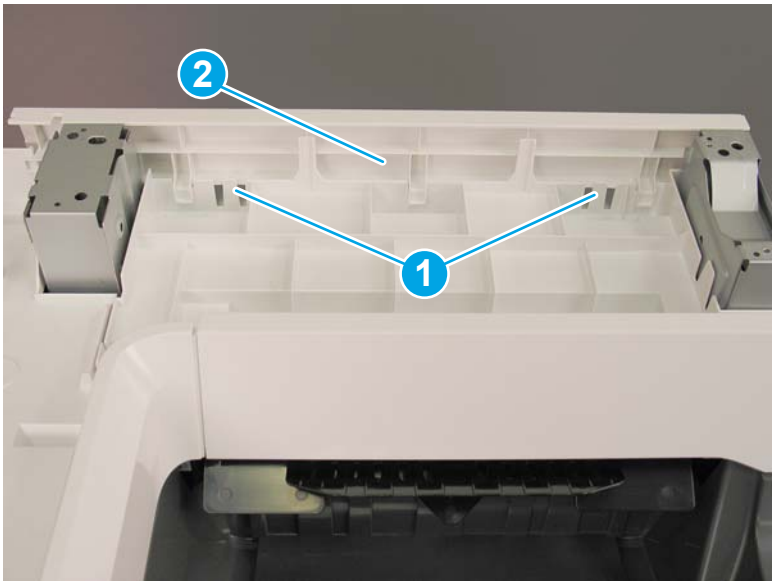
Step 9: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

▲ Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1822 Remove the right cover



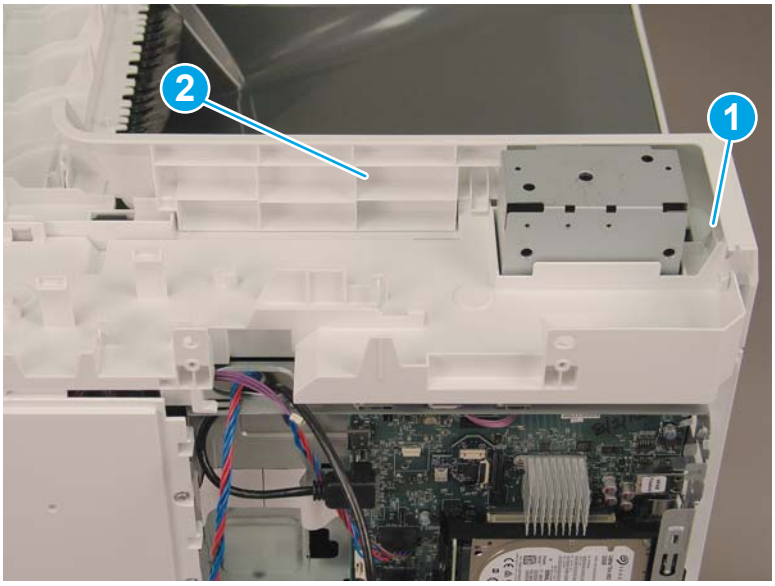
Step 10: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

▲ Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1823 Remove the front cover



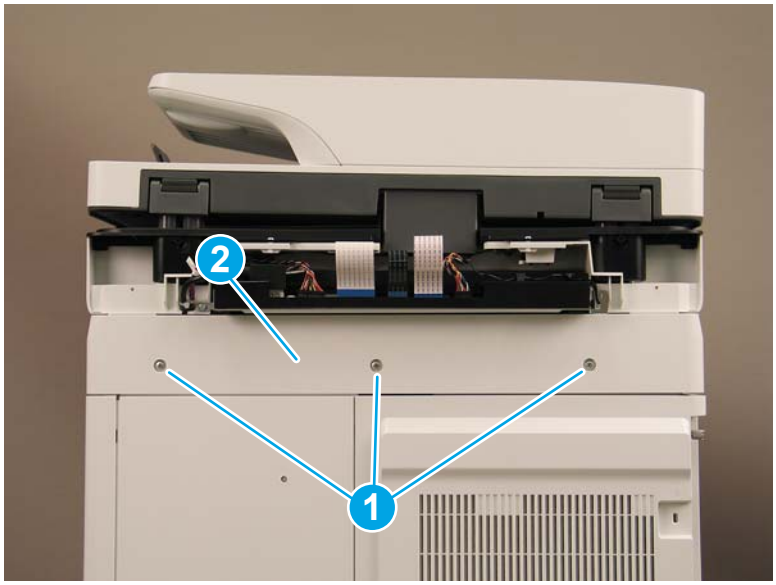
Step 11: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

- Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1824 Remove the rear upper cover



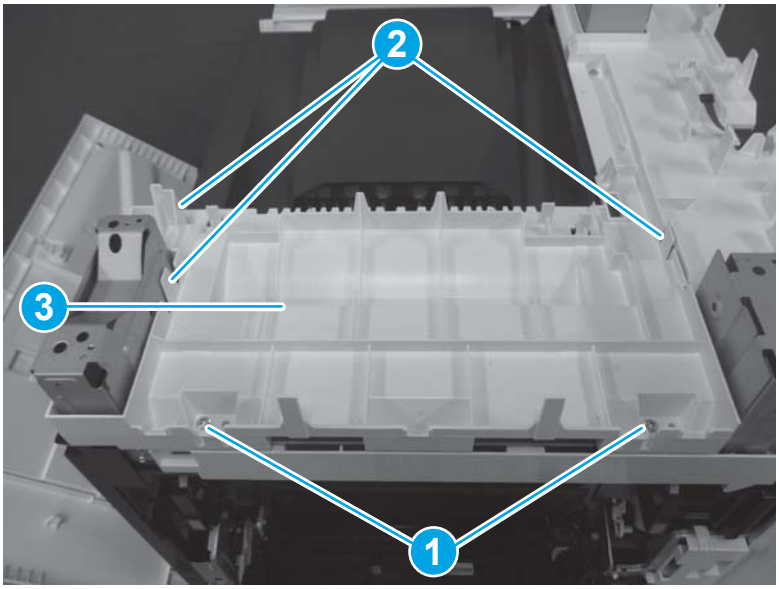
Step 12: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

- Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1825 Remove two screws and the face-down cover

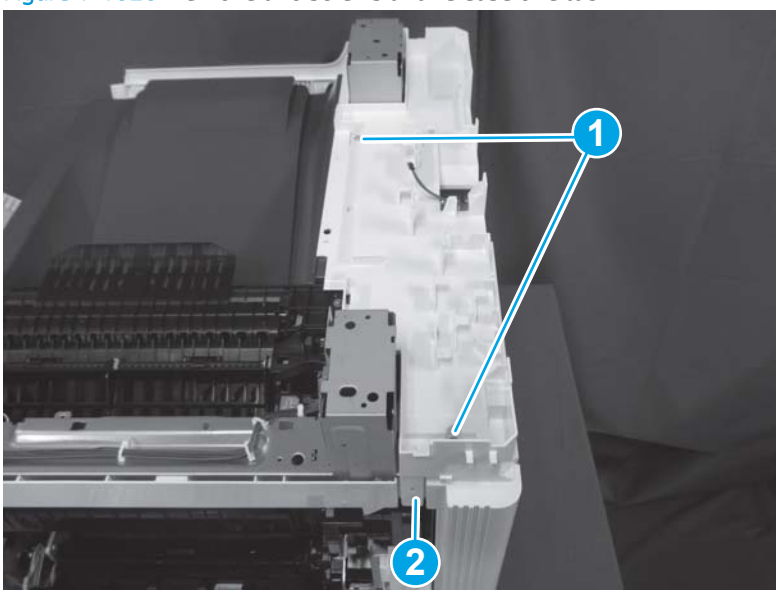


Step 13: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

NOTE: This step is for the M681/M682/E67550/E67560/E67650/E67660 printers. For the M652/M653/E65050/E65060/E65150/E65160 printers, skip this step and go to Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160) on page 1139

1. Remove two screws (callout 1), and then release one tab (callout 2).

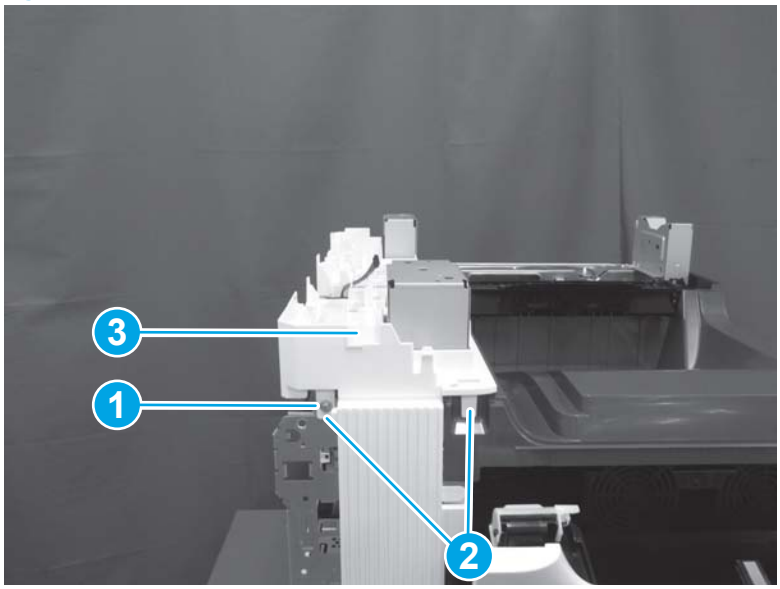
Figure 1-1826 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1827 Remove one screw and the main cover



Step 14: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 16: Remove the output bin on page 1144

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1828 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1829 Remove the cover



3. Remove one thumbscrew (callout 1)

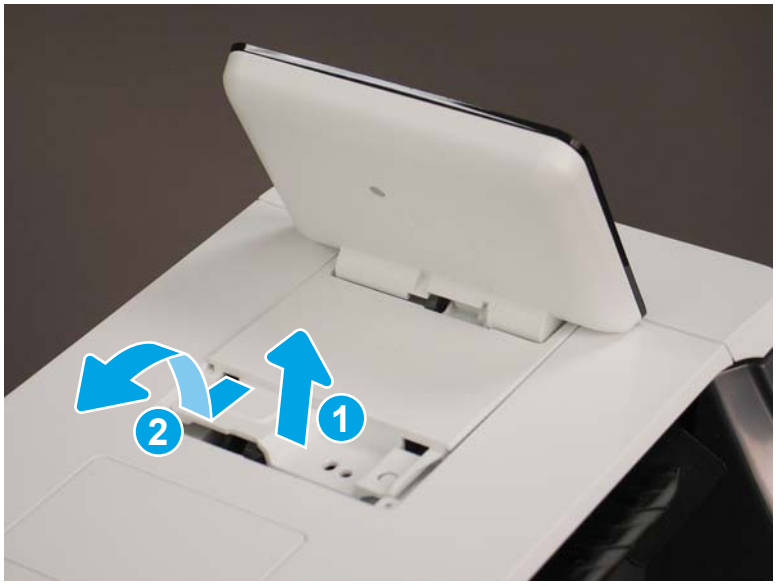
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1830 Remove one thumbscrew



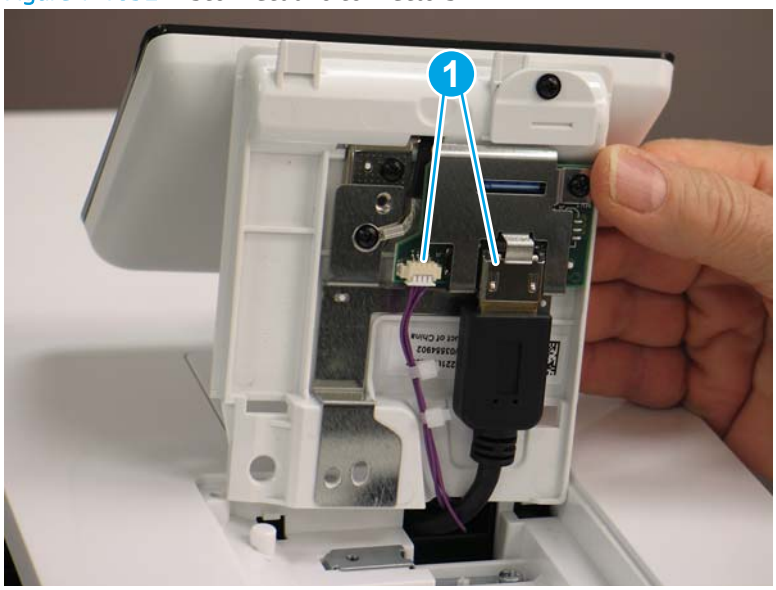
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1831 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1832 Disconnect two connectors



6. Remove the control panel.

Figure 1-1833 Remove the control panel



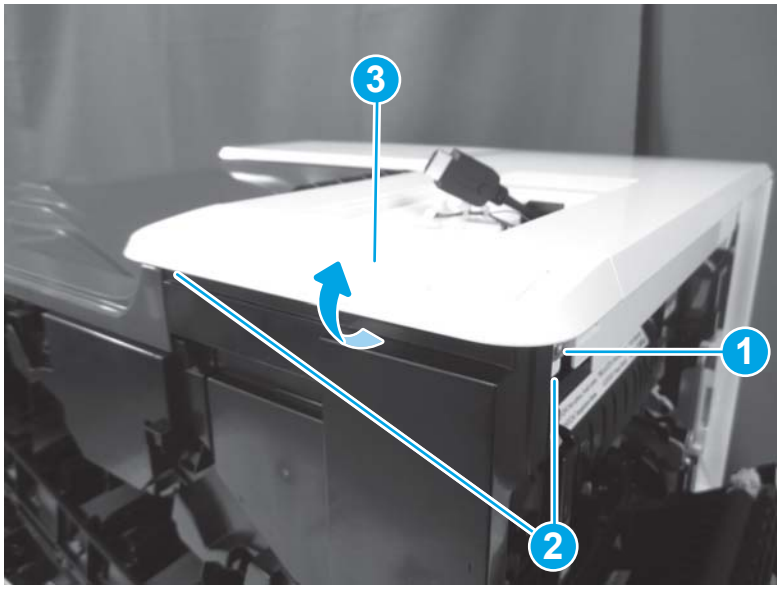
Step 15: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

NOTE: This step is for the M652/M653/E65050/E65060/E65150/E65160 printers. For the M681/M682/E67550/E67560/E67650/E67660 printers, skip this step and go to Step 16: Remove the output bin on page 1144

1. Open the following doors:
   - Front door
   - Left door
   - Right door

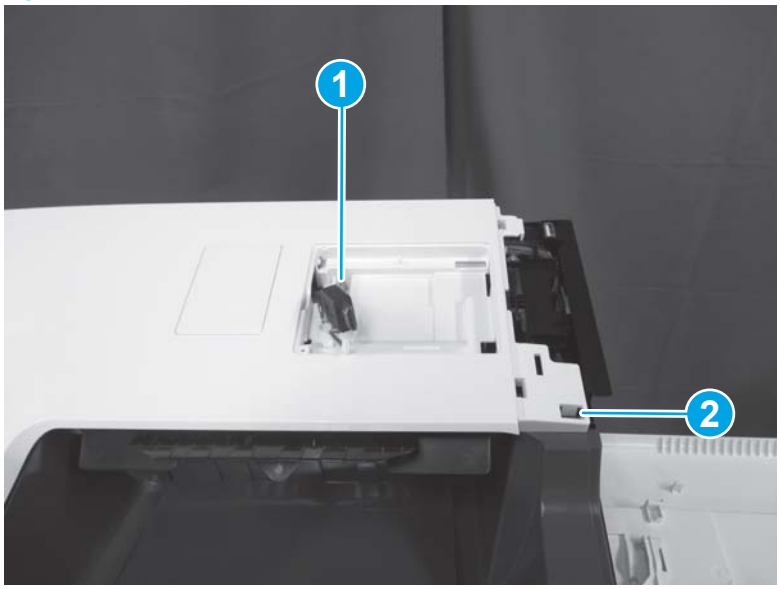
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1834 Remove the NFC cover



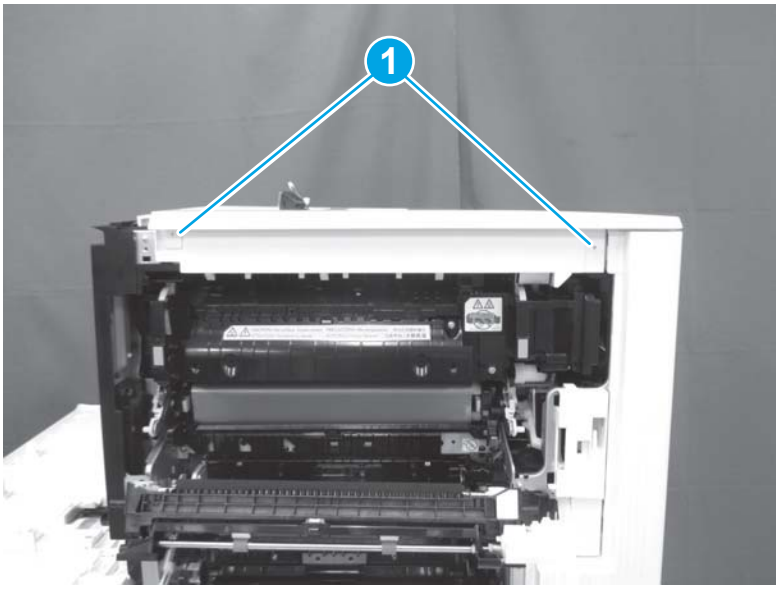
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1835 Remove one screw and release one tab



4. Release two tabs (callout 1).

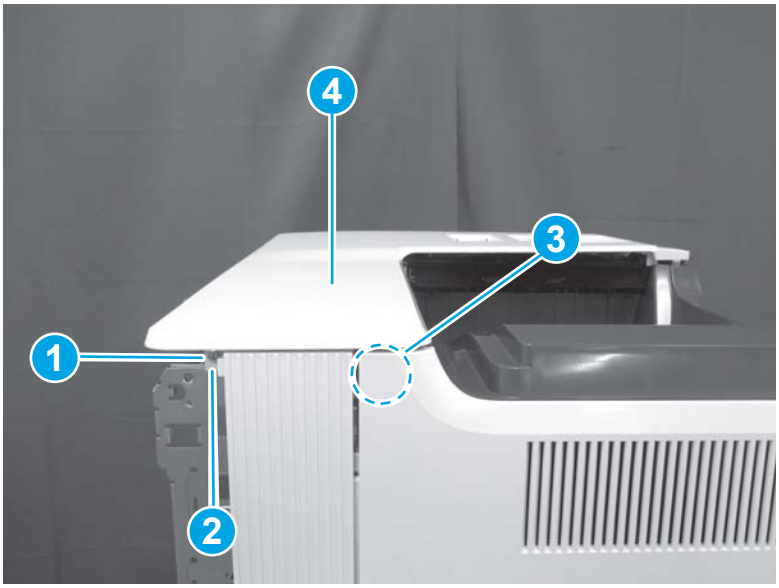
Figure 1-1836 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1837 Remove the top cover



Step 16: Remove the output bin

1. Open the following doors:

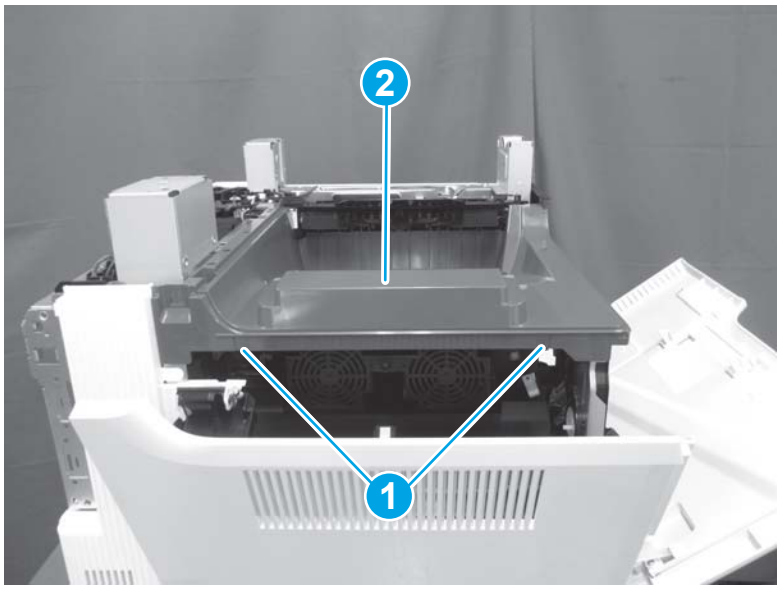
- Front door
- Left door
- Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1838 Remove the output bin

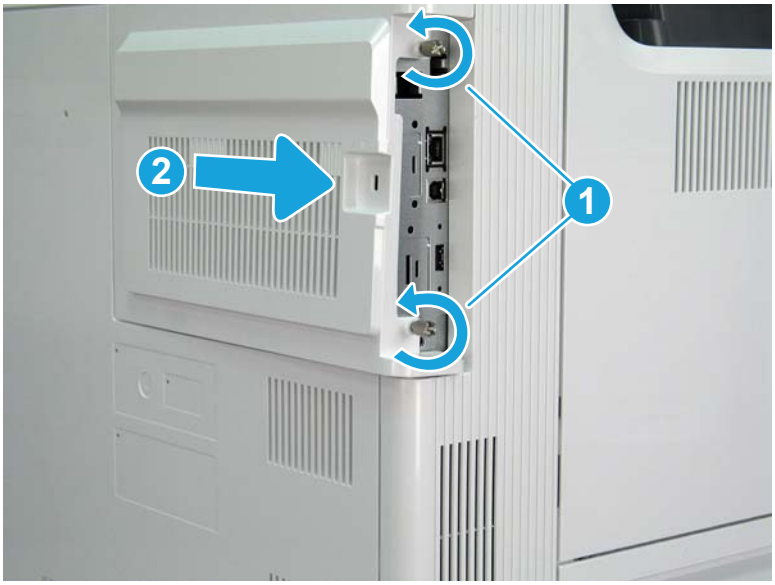


Step 17: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

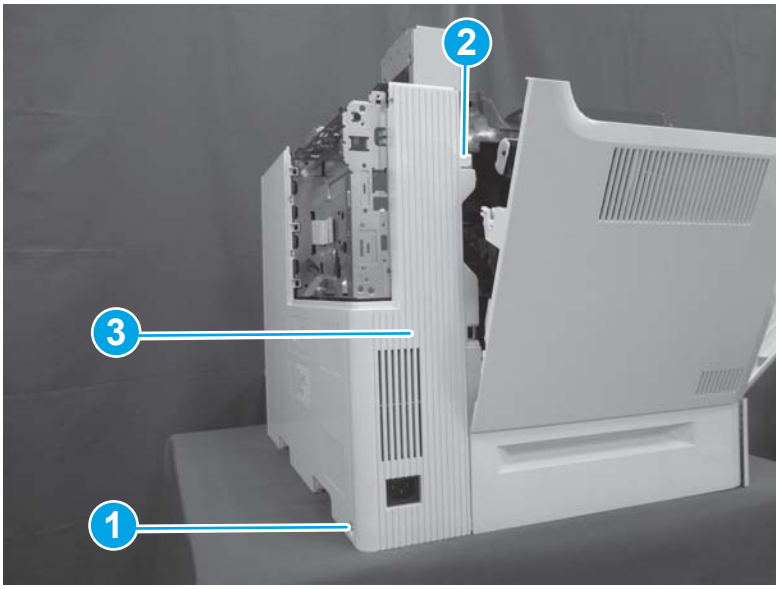
Figure 1-1839 Remove the formatter cover



Step 18: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1840 Remove the left rear cover



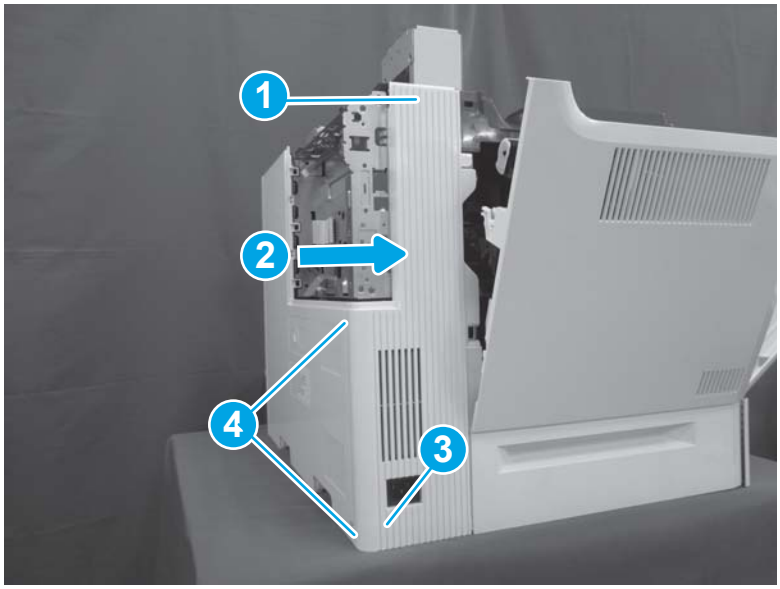
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1841 Install the left rear cover

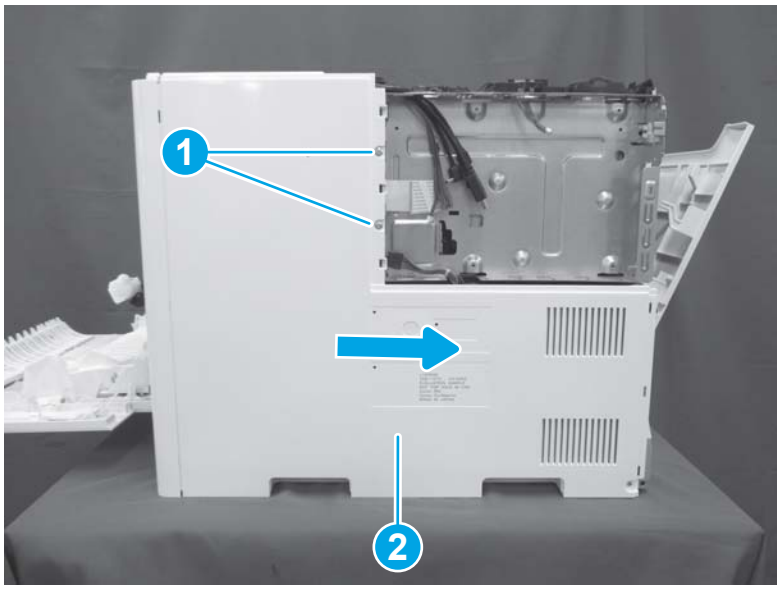


Step 19: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1842 Remove two screws and the rear cover



Step 20: Remove the fax PCA (M681f/Flow M681f/Flow M681z/Flow M682z)

NOTE: This step is for fax printers. For other models, skip this step and go to Step 21: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660) on page 1148

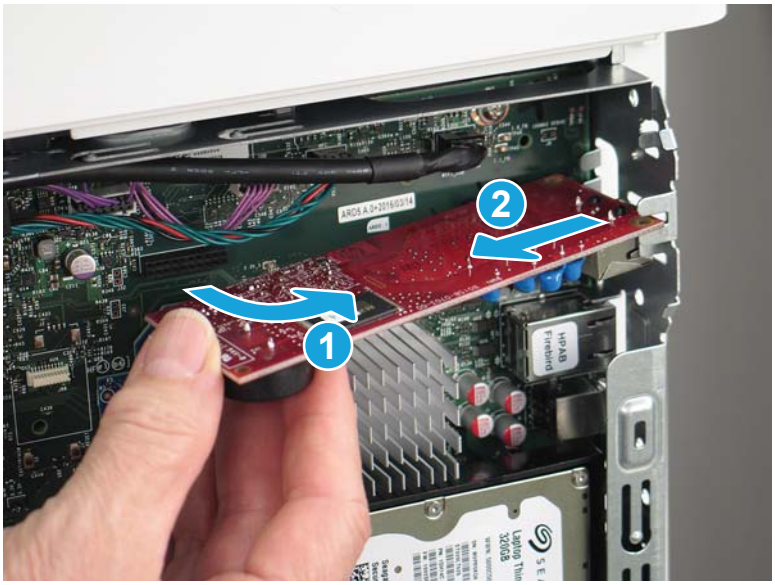
1. Locate the fax PCA on the formatter.

Figure 1-1843 Locate the fax PCA



2. Rotate end left end of the fax PCA away from the formatter (callout 1) to disconnect the connector, and then slide the card away from the formatter (callout 2) to remove it.

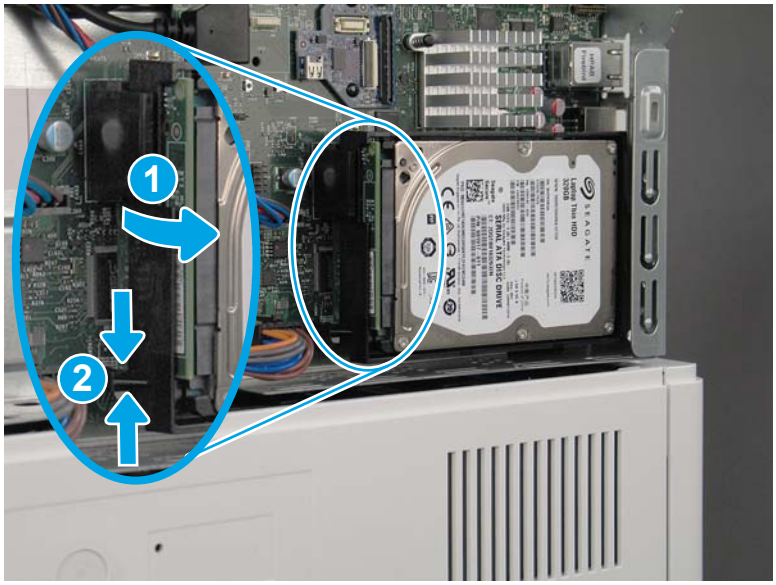
Figure 1-1844 Remove the fax PCA



Step 21: Remove the hard disk drive (HDD; M653dh/M681/M682/E67550/E67560/E67650/E67660)

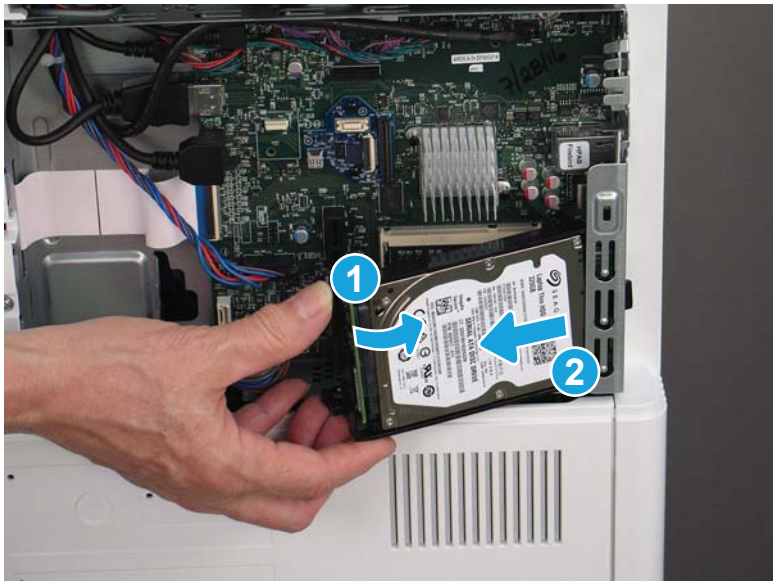
1. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-1845 Release the HDD



2. Rotate the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1846 Remove the HDD



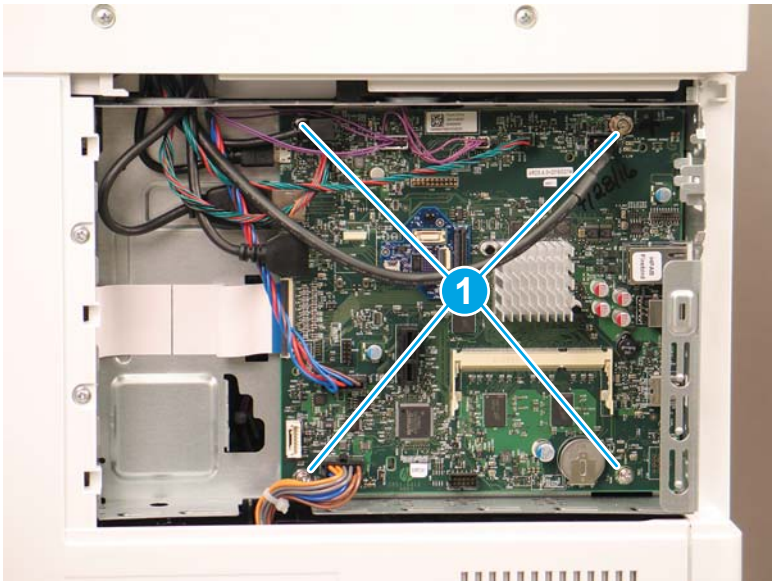
Step 22: Remove the formatter

▲ Disconnect all of the connectors on the formatter, remove four screws, and then remove the formatter.

NOTE: If any accessories, such as the trusted platform module (TPM) or two internal USB ports, are installed on the formatter, remove them and install them on the replacement formatter.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1847 Remove the formatter

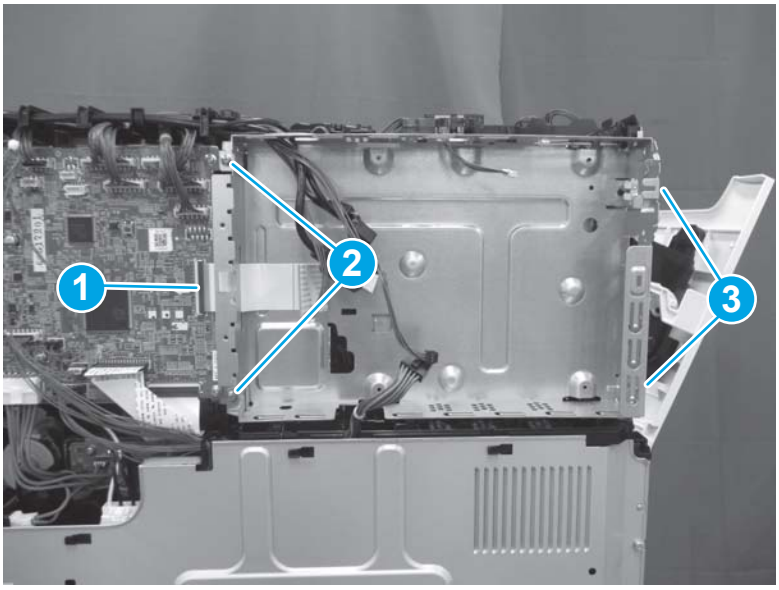


Step 23: Remove the formatter case

1. Disconnect one connector (callout 1), remove two screws on the left side of the case (callout 2), and then remove two screws on the right end of the case (callout 3).

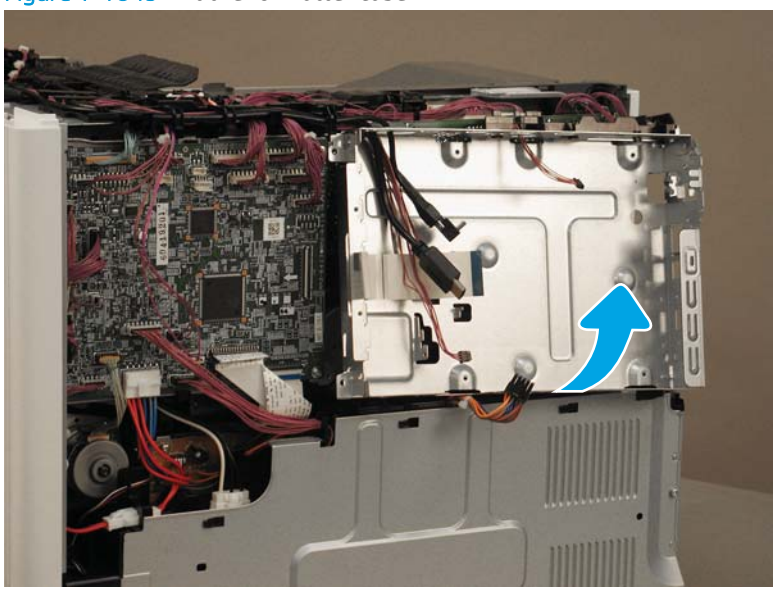
NOTE: These screws are gold tinted to provide additional grounding. Make sure that these screws are reinstalled in the correct locations.

Figure 1-1848 Disconnect one connector and remove four screws



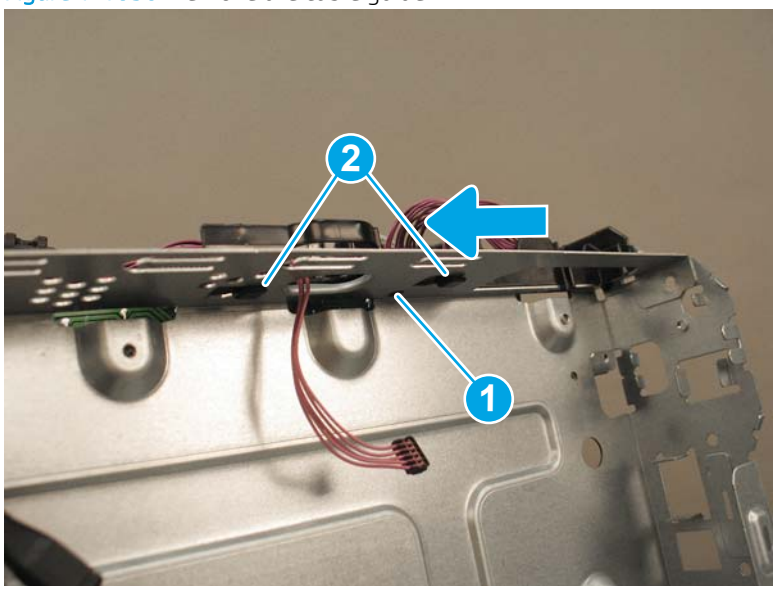
2. Tilt the bottom of the formatter case away from the printer.

Figure 1-1849 Tilt the formatter case



3. Locate one round boss (callout 1) and two hooks (callout 2) on the cable guide. Push up on the boss, and then slide the cable guide to the left to remove it. Remove the formatter case.

Figure 1-1850 Remove the cable guide



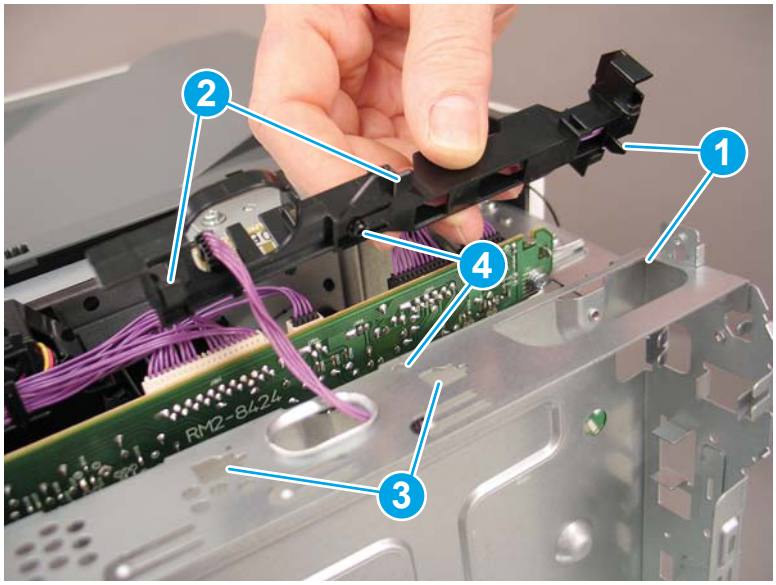
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Formatter case

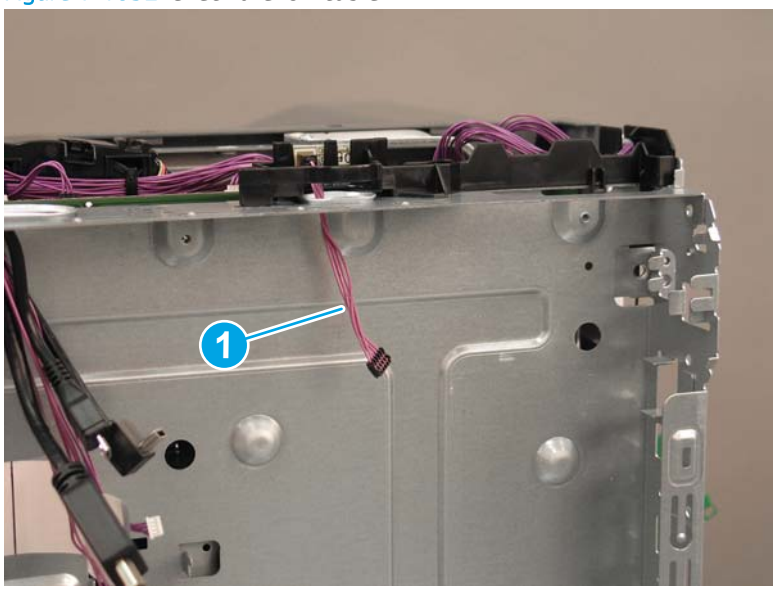
a. Align the hook on the right side of the cable guide with the slot in the formatter case (callout 1). Align two tabs (callout 2) with the slots (callout 3) in the top of the formatter case. Align the boss with the opening in the sheet metal (callout 4). Slide the cable guide to the right to lock it into position.

Figure 1-1851 Install the cable guide



b. Make sure that the island of data (IOD) cable (callout 1) is routed through the formatter case.

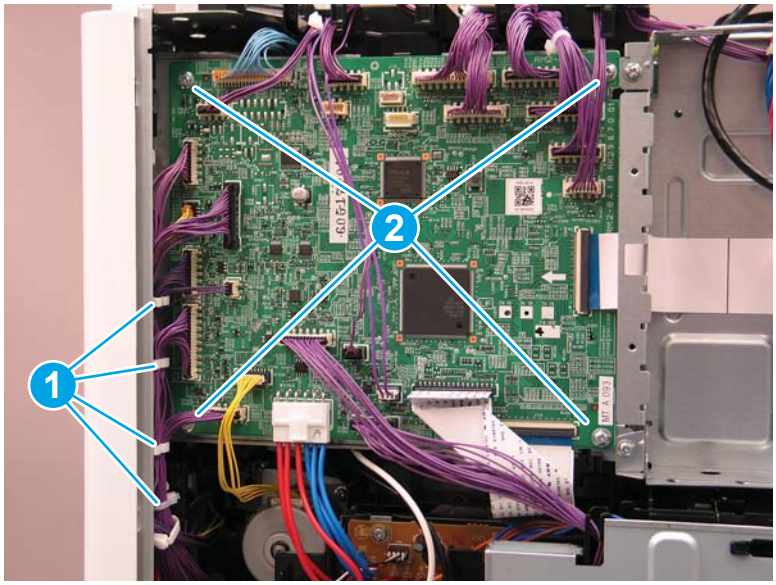
Figure 1-1852 Check the IOD cable



Step 24: Remove the DC controller PCA

1. Release four retainers (callout 1), and then disconnect all connectors on the DC controller PCA. Remove four screws (callout 2), and then remove the DC controller PCA.

Figure 1-1853 Remove the DC controller PCA



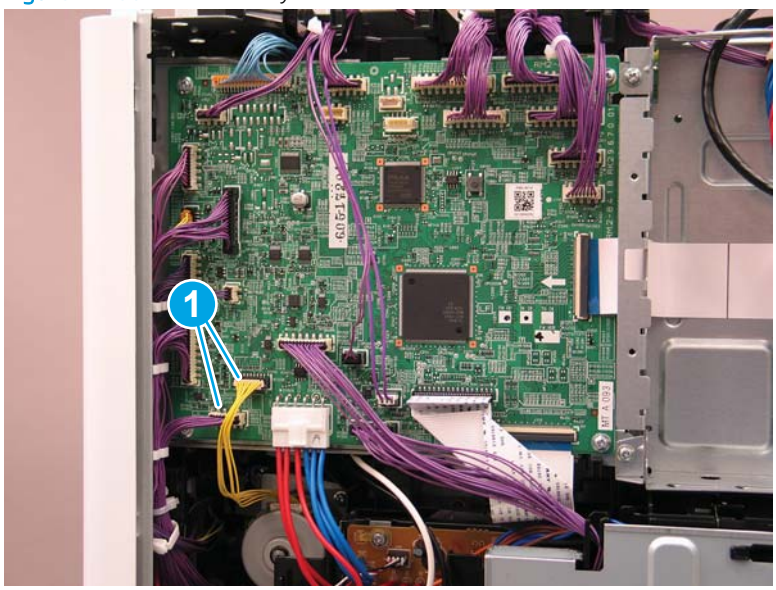
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: DC Controller PCA

- Two cables (callout 1) will fi in more than one connector. Make sure that these cables are installed in the correct connectors.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

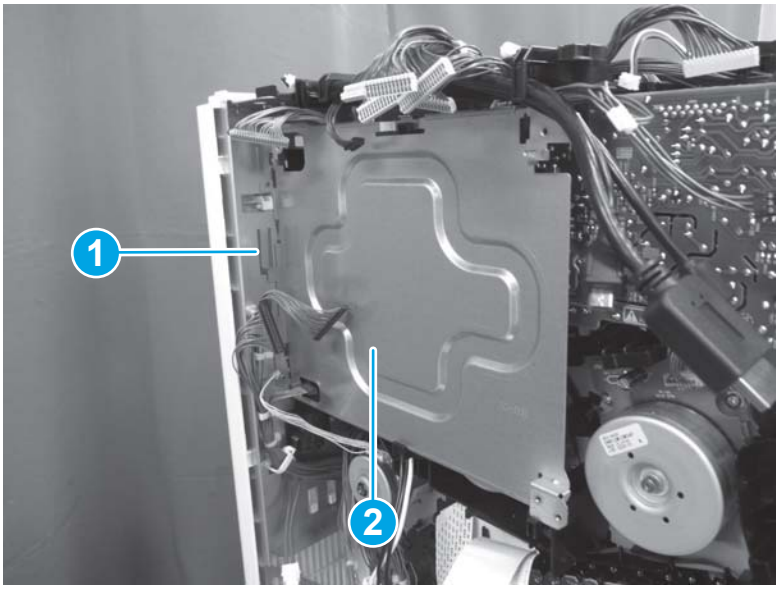
Figure 1-1854 Check the yellow cable



Step 25: Remove the DC controller stay

- Gently push out on the sheet metal tab (callout 1) to release the DC controller stay (callout 2), and then lift up to remove it.

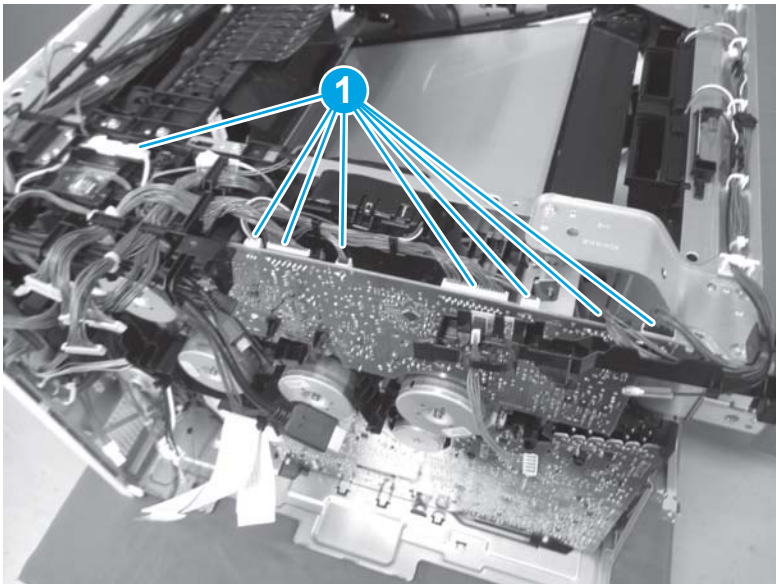
Figure 1-1855 Remove the DC controller stay



Step 26: Remove the upper high-voltage power supply (HVPS)

1. Disconnect eight connectors (callout 1).

Figure 1-1856 Disconnect eight connectors

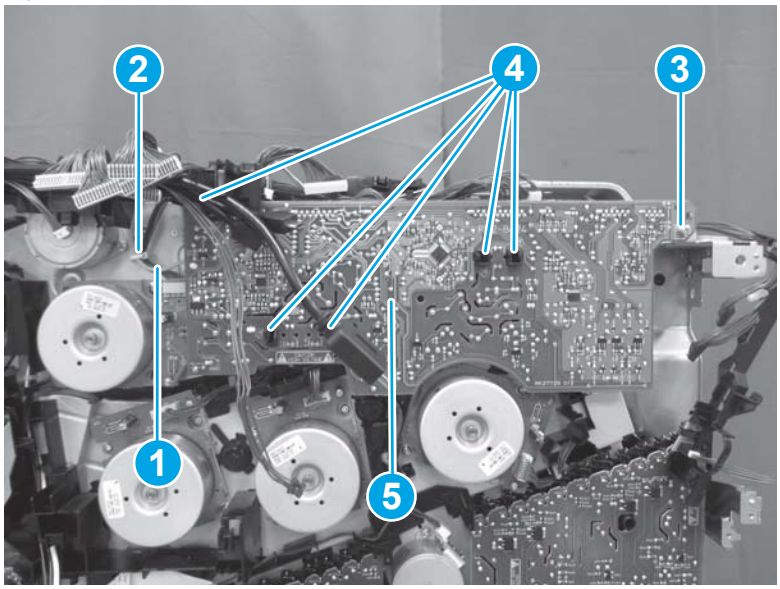


2. Release the cable (callout 1) from the retainer (callout 2). Remove one screw (callout 3), release fiv tabs (callout 4), and then remove the upper HVPS (callout 5).

Reinstallation tip: The screw (callout 3) is a grounding screw with a washer attached. Make sure that this screw and washer are installed in the correct position.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1857 Remove the upper HVPS

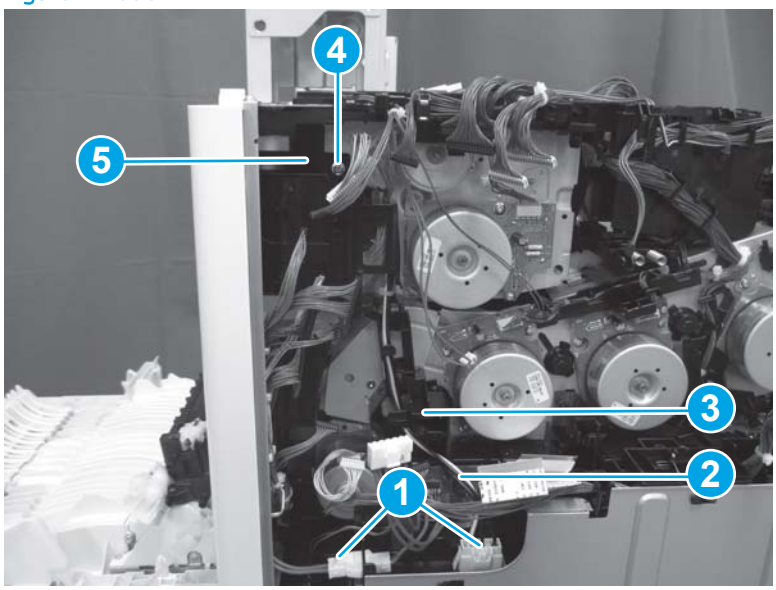


Step 27: Remove the fuser drive assembly

1. Disconnect two connectors (callout 1), and then release the cable (callout 2) from the cable guide (callout 3). Remove one screw (callout 4), and then remove the connector cover (callout 5).

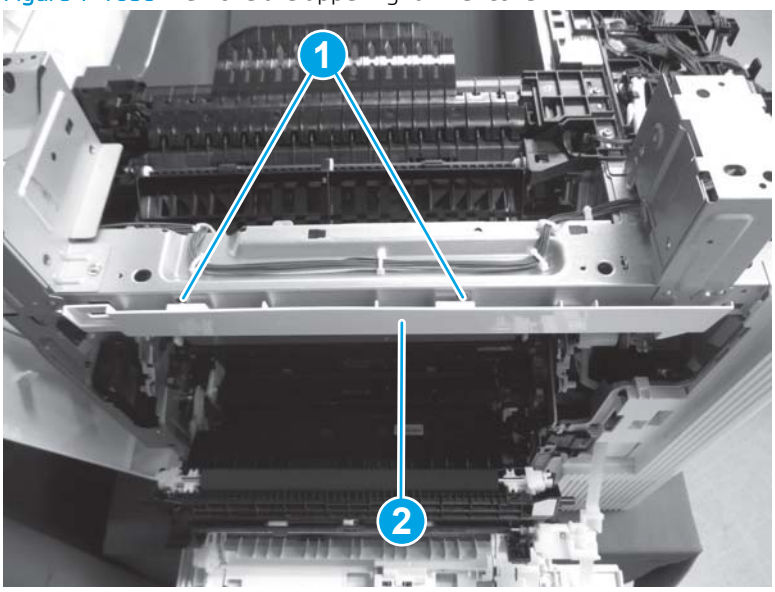
NOTE: The yellow cable can easily be lost once the motor assembly is installed. This cable feeds up to attach to the black connector tied to a purple wire on top of the assembly (within the cable guide on top).

Figure 1-1858 Remove the connector cover



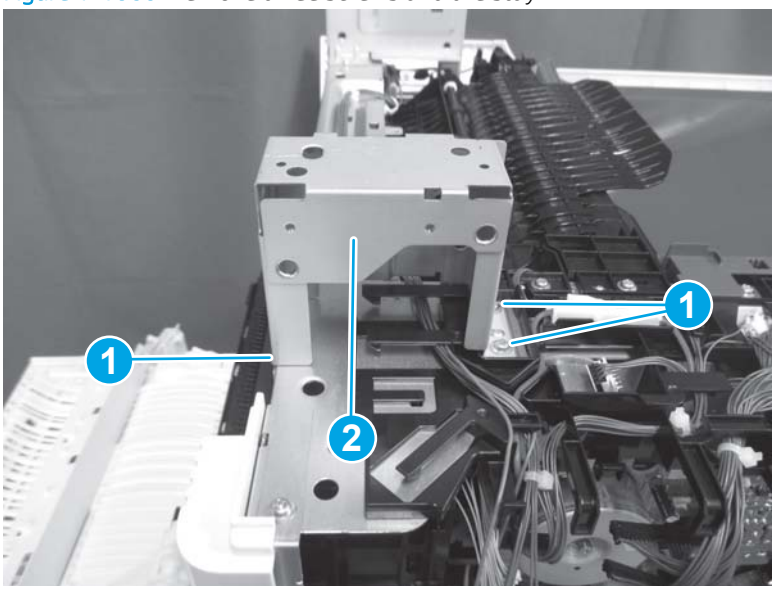
2. **M681/M682 only:** Release two bosses (callout 1), and then rotate the upper right inner cover (callout 2) away from the printer to remove it.

Figure 1-1859 Remove the upper right inner cover



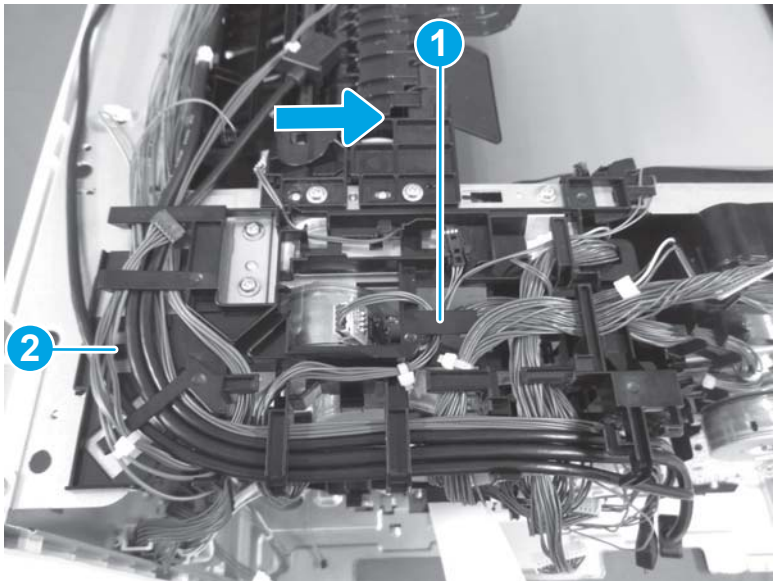
3. **M681/M682 only:** Remove three screws (callout 1), and then remove the stay (callout 2).

Figure 1-1860 Remove three screws and the stay



4. Release all cables from the cable guide (callout 1). Release one tab (callout 2), and then slide the cable guide (callout 3) right to release it from the sheet metal. When the guide is released, gently pull the right corner forward and away from the printer. Pivot the cable guide and cables upwards to provide access to the fuser drive assembly.

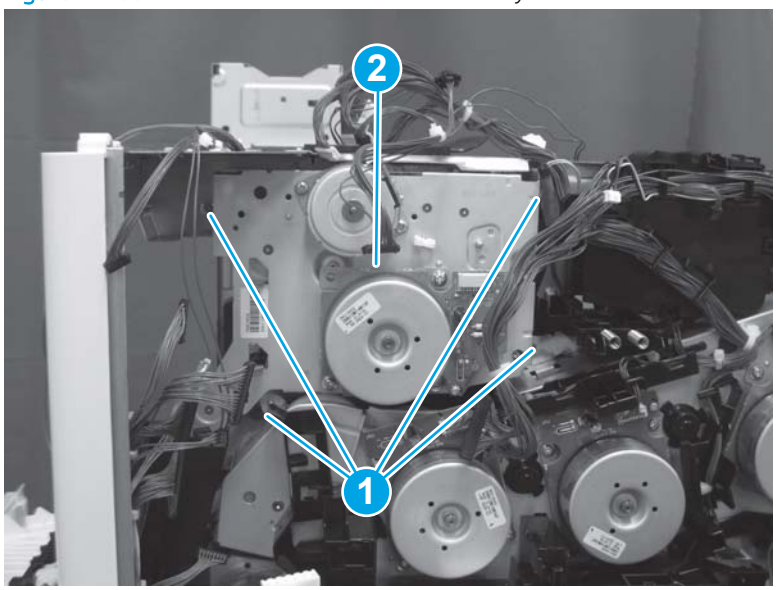
Figure 1-1861 Release the cable guide



5. Remove four screws (callout 1), and then remove the fuser drive assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1862 Remove the fuser drive assembly



Step 28: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Developer alienation motor

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the low-voltage power supply (LVPS) and fan
- Step 5: Remove the developer alienation motor
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the developer alienation motor.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Developer alienation motor part number	
RK2-6027-000CN	Developer disengagement motor (M6)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

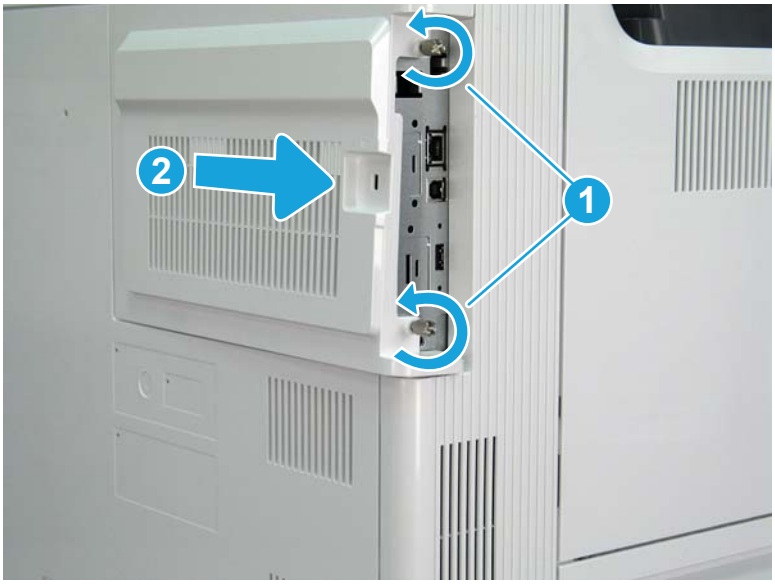
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

- Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

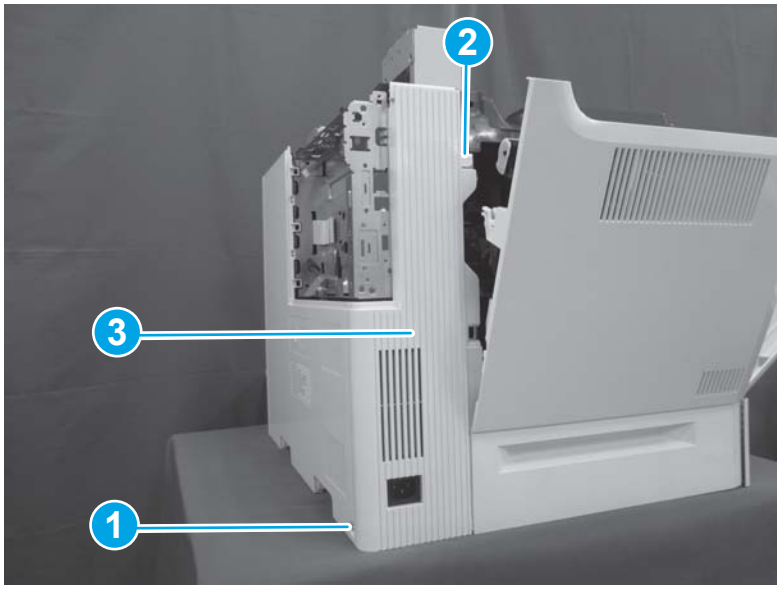
Figure 1-1863 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1864 Remove the left rear cover



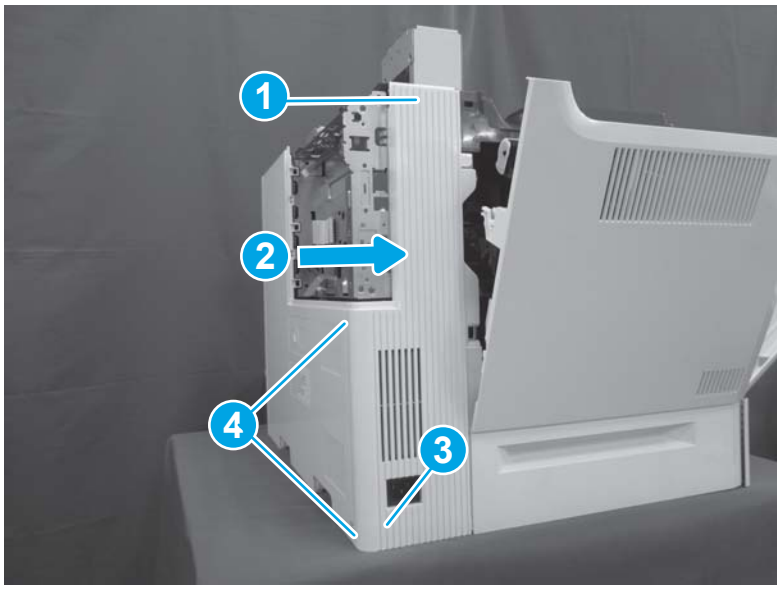
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1865 Install the left rear cover

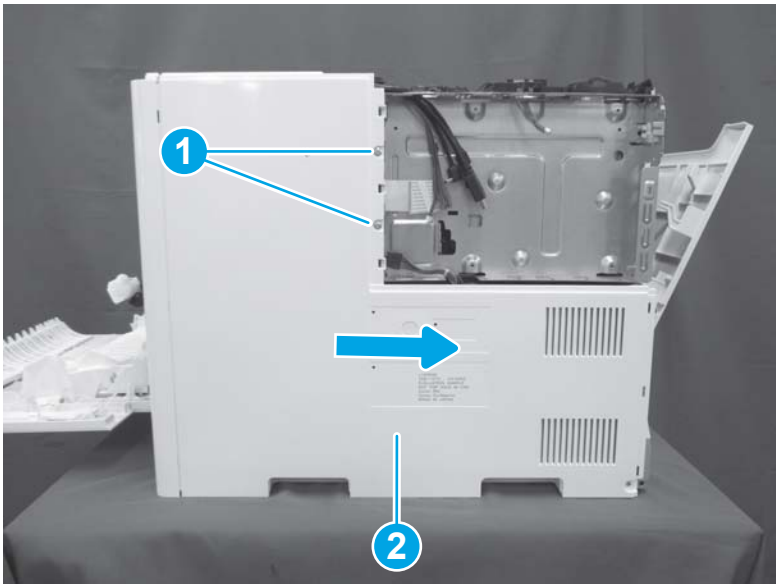


Step 3: Remove the rear cover

- Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

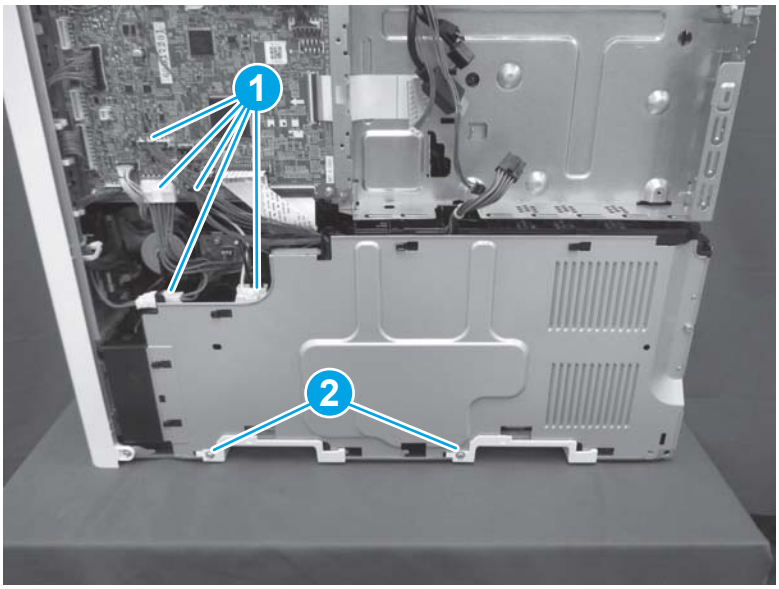
Figure 1-1866 Remove two screws and the rear cover



Step 4: Remove the low-voltage power supply (LVPS) and fan

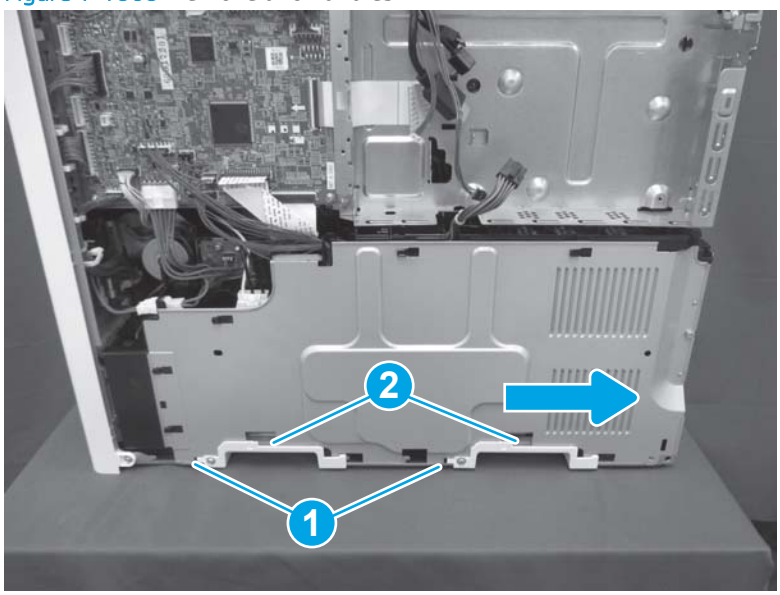
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-1867 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

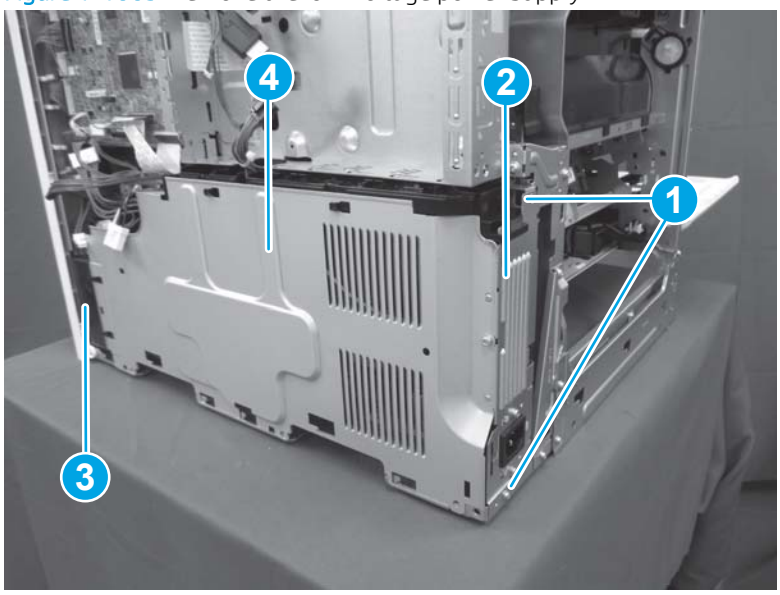
Figure 1-1868 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

Figure 1-1869 Remove the low-voltage power supply



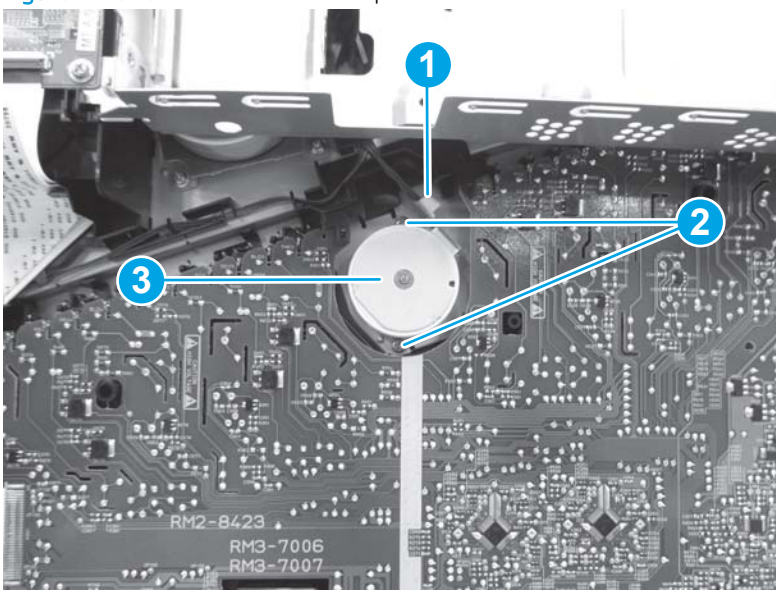
Step 5: Remove the developer alienation motor

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the developer alienation motor (callout 3).

NOTE: The two screws (callout 2) do not have a flang on them. Make sure these screws are reinstalled on this motor.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1870 Remove the developer alienation motor



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Pickup motor

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the low-voltage power supply (LVPS) and fan
- Step 5: Remove the pickup motor
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the pickup motor.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Pickup motor part number	
RK2-7757-000CN	Paper Pickup Motor (M5)

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

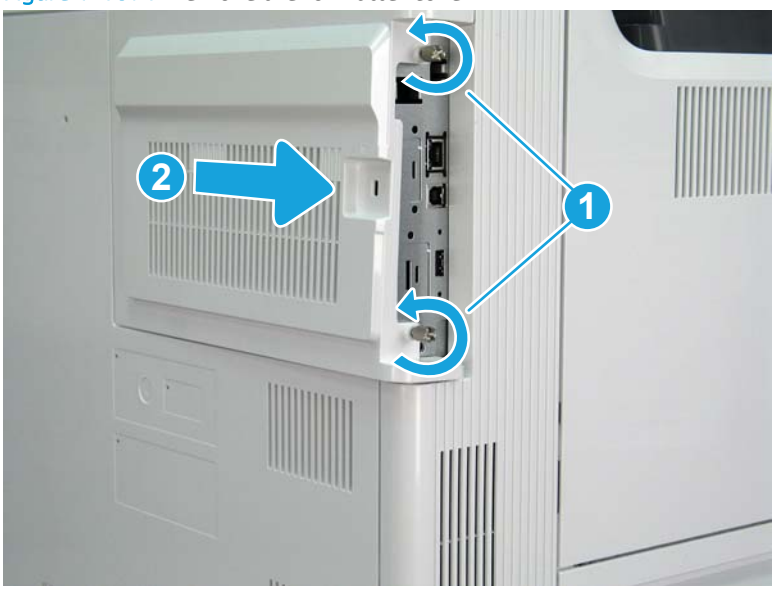
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

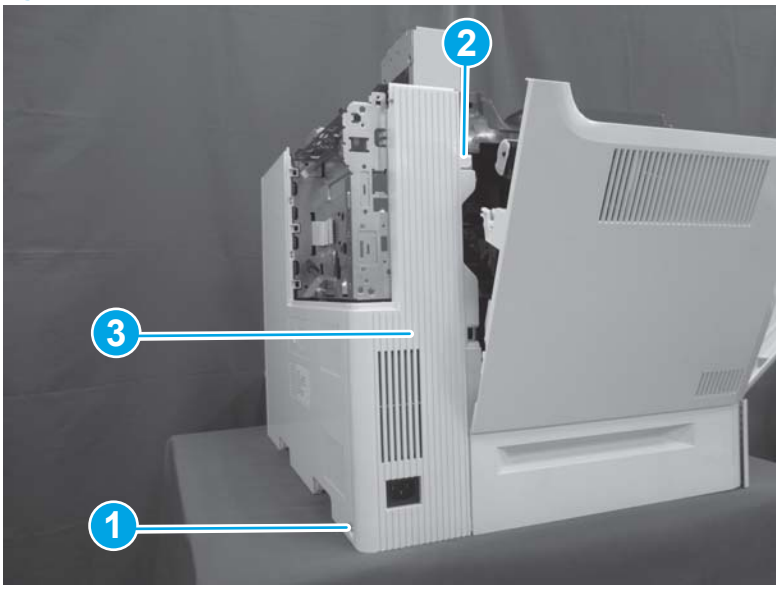
Figure 1-1871 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1872 Remove the left rear cover



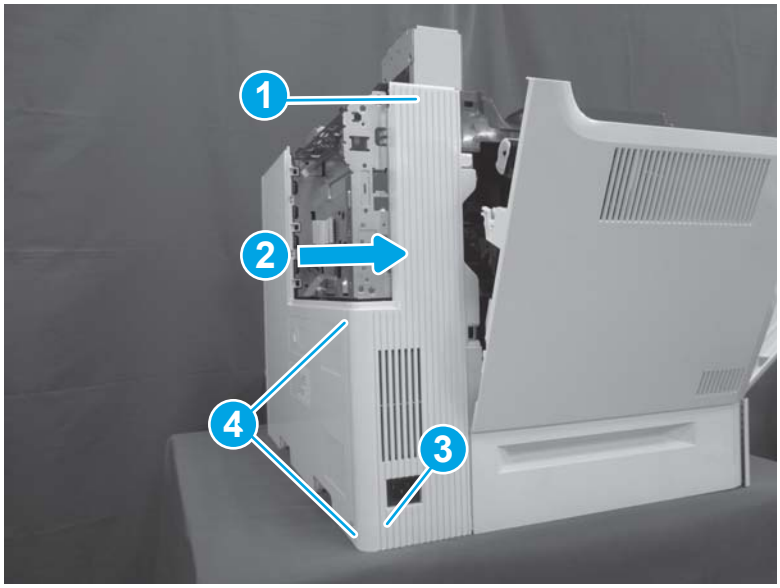
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1873 Install the left rear cover

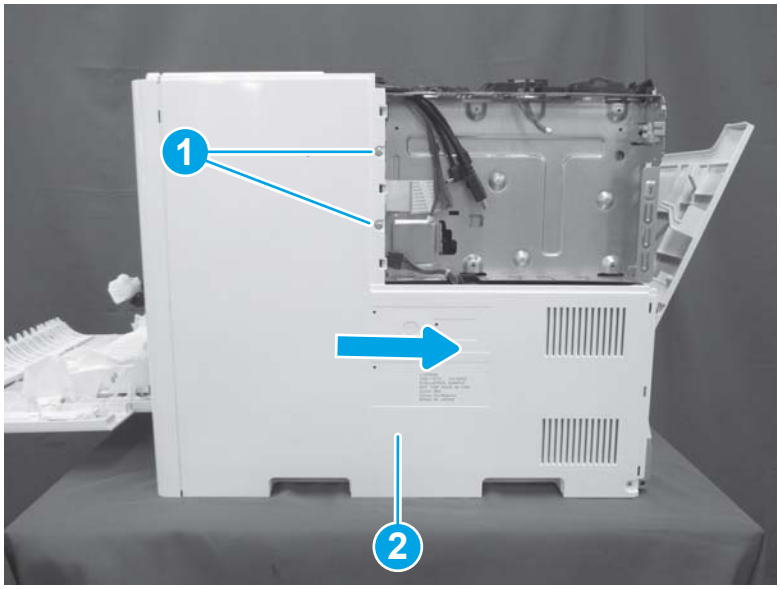


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

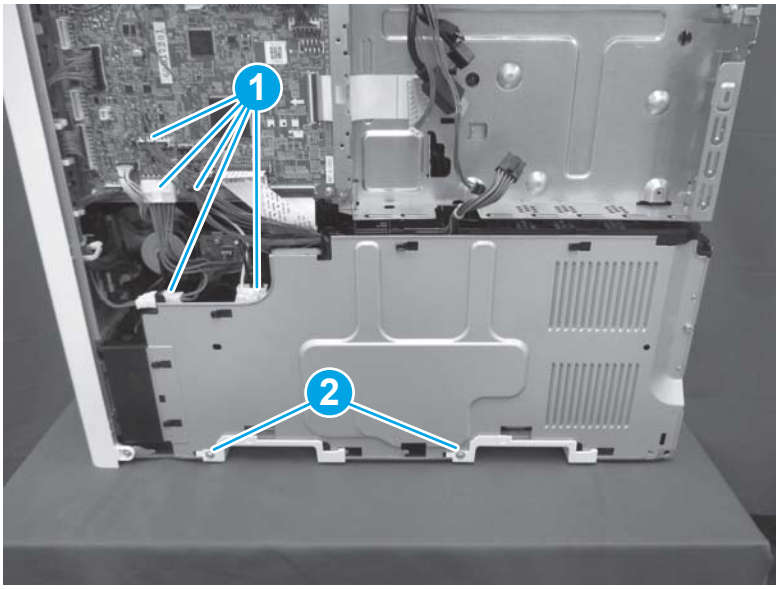
Figure 1-1874 Remove two screws and the rear cover



Step 4: Remove the low-voltage power supply (LVPS) and fan

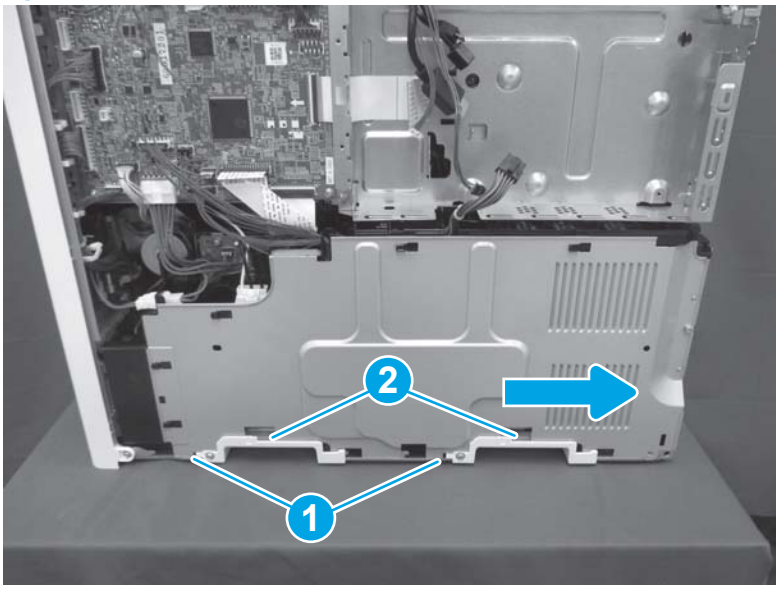
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-1875 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

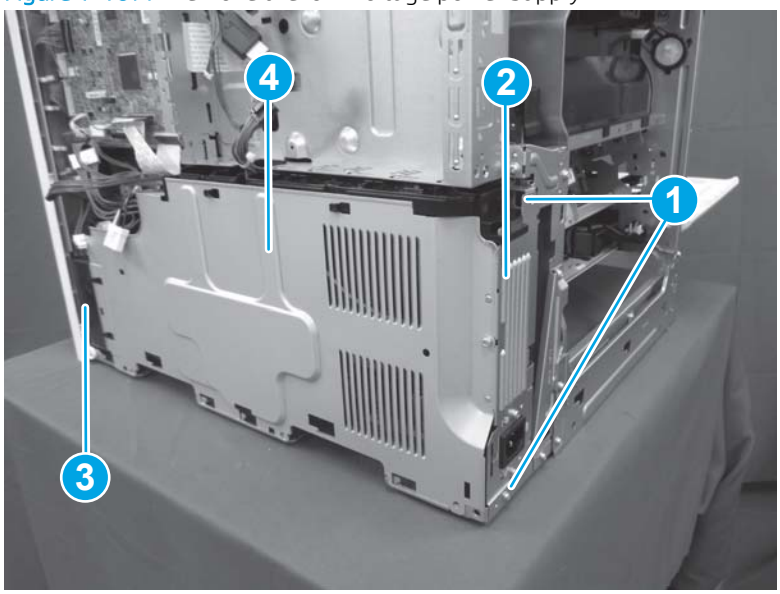
Figure 1-1876 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

Figure 1-1877 Remove the low-voltage power supply

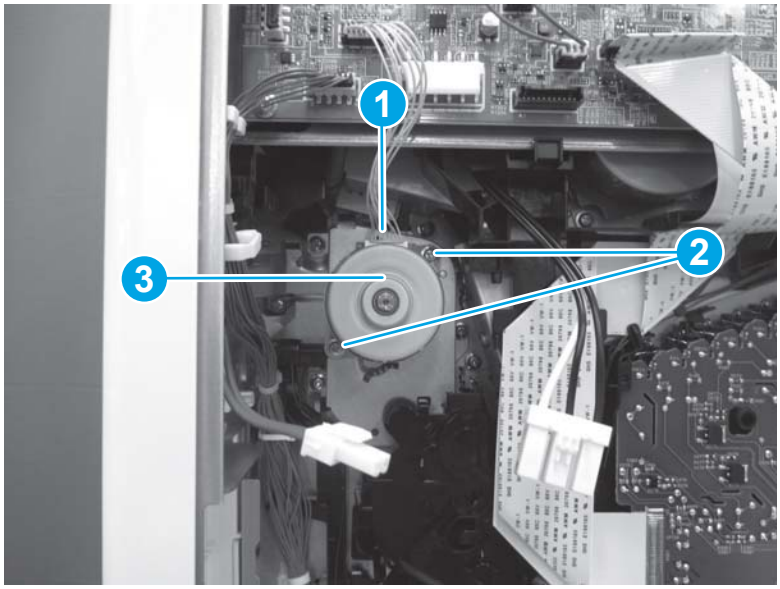


Step 5: Remove the pickup motor

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1878 Remove the pickup motor



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Delivery assembly (M652/M653/E65050/E65060/E65150/E65160)

- Introduction
- Step 1: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)
- Step 2: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)
- Step 3: Remove the formatter cover
- Step 4: Remove the output bin
- Step 5: Remove the fuser
- Step 6: Remove the delivery assembly
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the delivery assembly for the M652 and M653 models.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Delivery assembly part number	
RM2-6621-000CN	Delivery assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the control panel (M652/M653/E65050/E65060/E65150/E65160)

NOTE: The figure below show the touchscreen control panel. The procedure is also correct for the keypad control panel.

1. Tilt the control panel to the fully raised position.

Figure 1-1879 Tilt the control panel up



2. Use a coin to release the cover, and then remove the cover.

Figure 1-1880 Remove the cover



3. Remove one thumbscrew (callout 1)

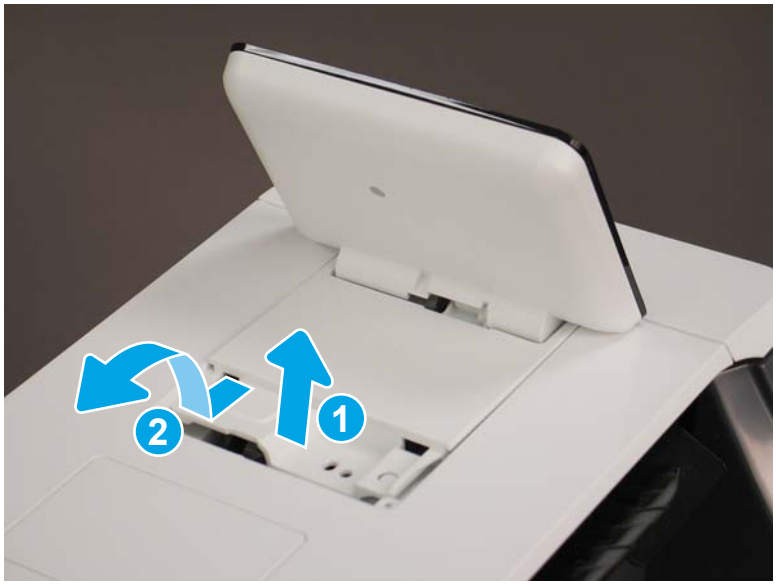
NOTE: Store the screw in a secure place where it cannot fall down into the printer.

Figure 1-1881 Remove one thumbscrew



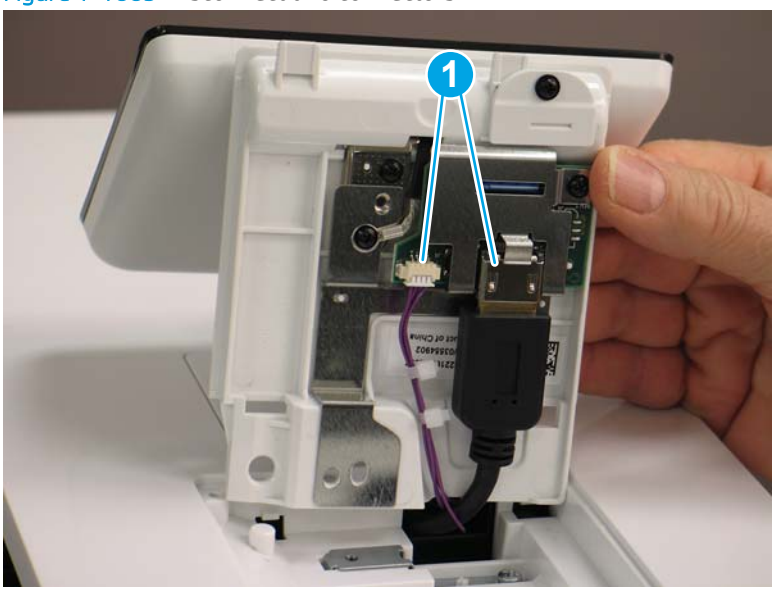
4. Lift the back edge of the control panel up (callout 1), and then slide it toward the back of the printer (callout 2) to release it.

Figure 1-1882 Release the control panel



5. Turn the control panel over to gain access to the bottom side. Disconnect two connectors (callout 1).

Figure 1-1883 Disconnect two connectors



6. Remove the control panel.

Figure 1-1884 Remove the control panel

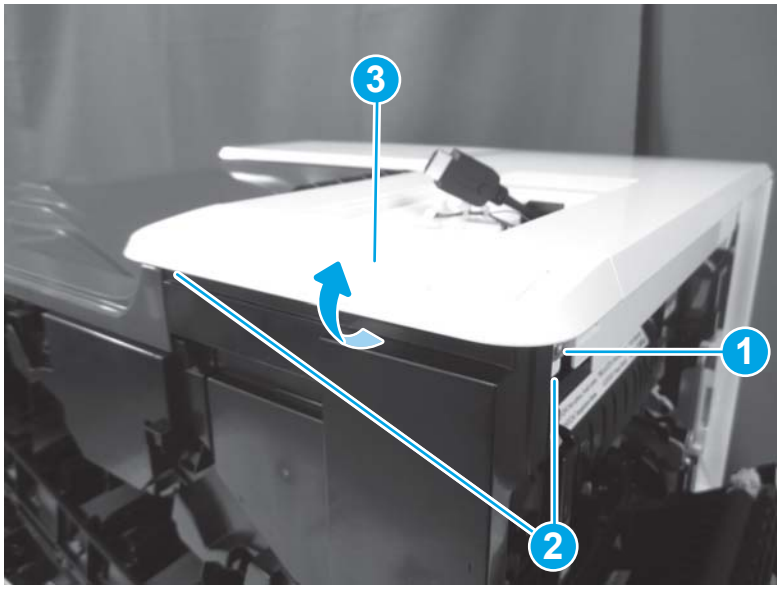


Step 2: Remove the top cover (M652/M653/E65050/E65060/E65150/E65160)

1. Open the following doors:
   - Front door
   - Left door
   - Right door

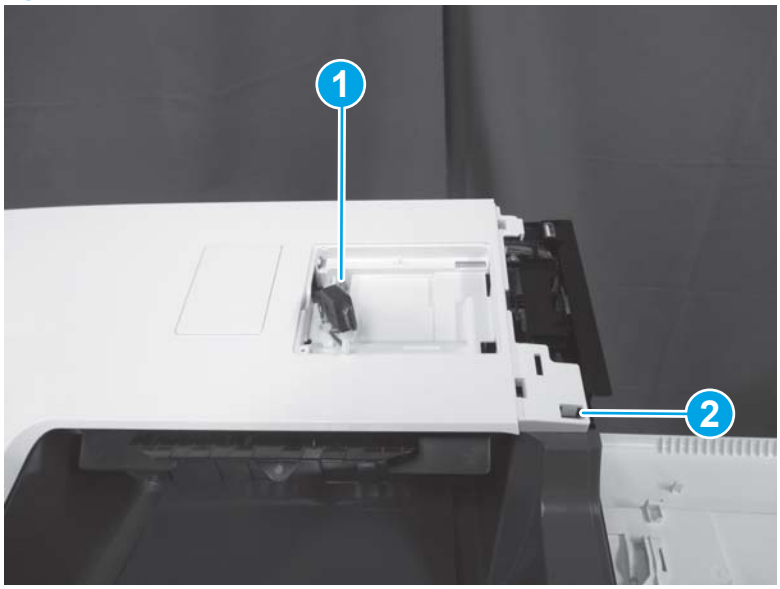
2. Remove one screw (callout 1), release two tabs (callout 2), and then rotate the NFC cover (callout 3) up and away from the printer to remove it.

Figure 1-1885 Remove the NFC cover



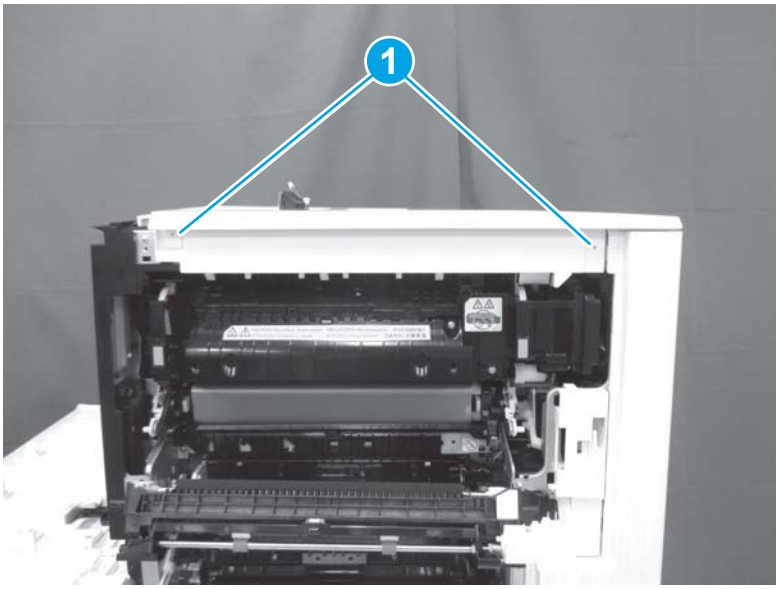
3. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-1886 Remove one screw and release one tab



4. Release two tabs (callout 1).

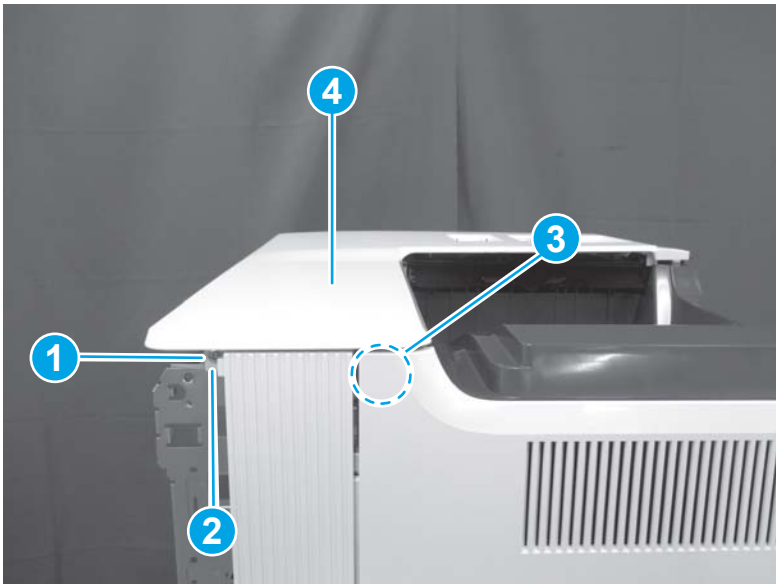
Figure 1-1887 Release two tabs



5. Remove one screw (callout 1), release one tab (callout 2), release one tab behind the left door (callout 3), and then remove the top cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1888 Remove the top cover

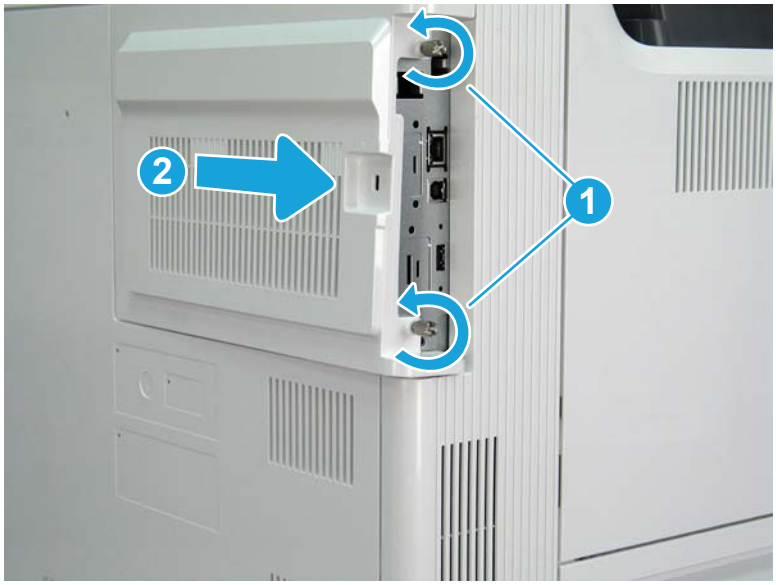


Step 3: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1889 Remove the formatter cover



Step 4: Remove the output bin

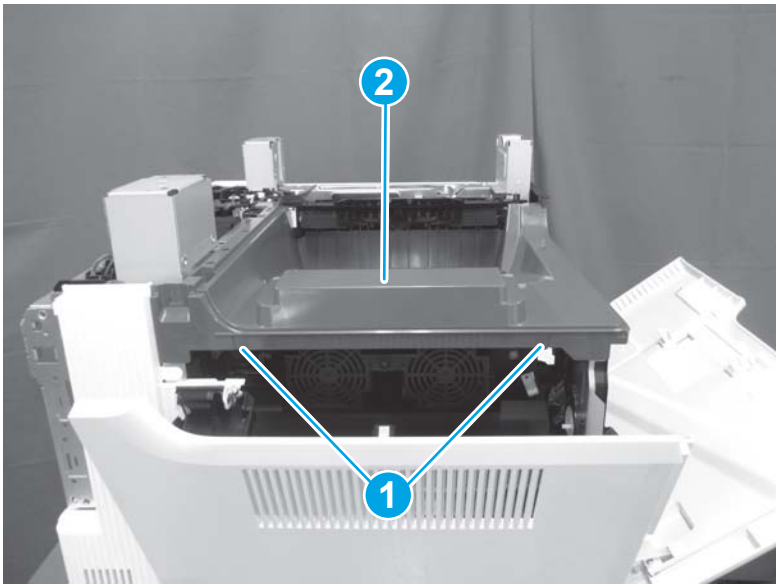
1. Open the following doors:
   - Front door
   - Left door
   - Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1890 Remove the output bin



Step 5: Remove the fuser

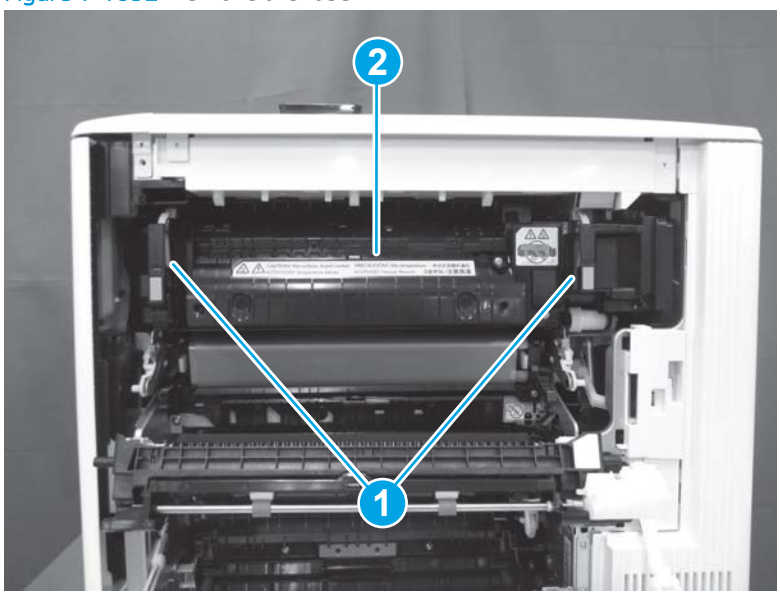
1. Open the right door.

Figure 1-1891 Open the right door



2. Grasp the handles (callout 1), and then pull away from the printer to remove the fuser (callout 2).

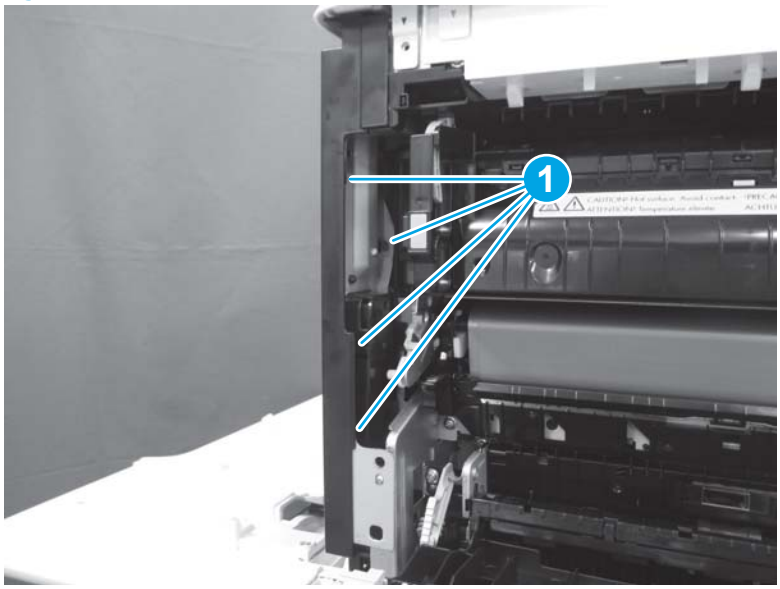
Figure 1-1892 Remove the fuser



Step 6: Remove the delivery assembly

1. Release four tabs (callout 1).

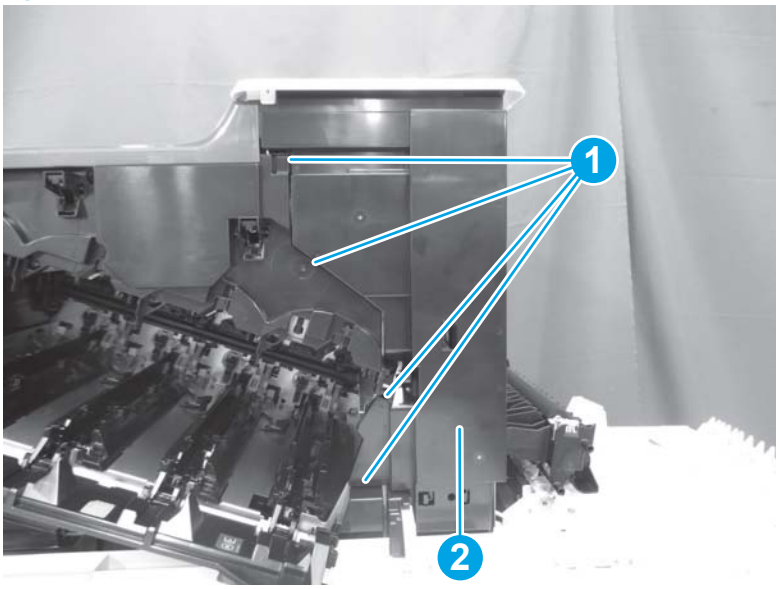
Figure 1-1893 Release four tabs



2. Release four tabs (callout 1), and then remove the front right inner cover (callout 2).

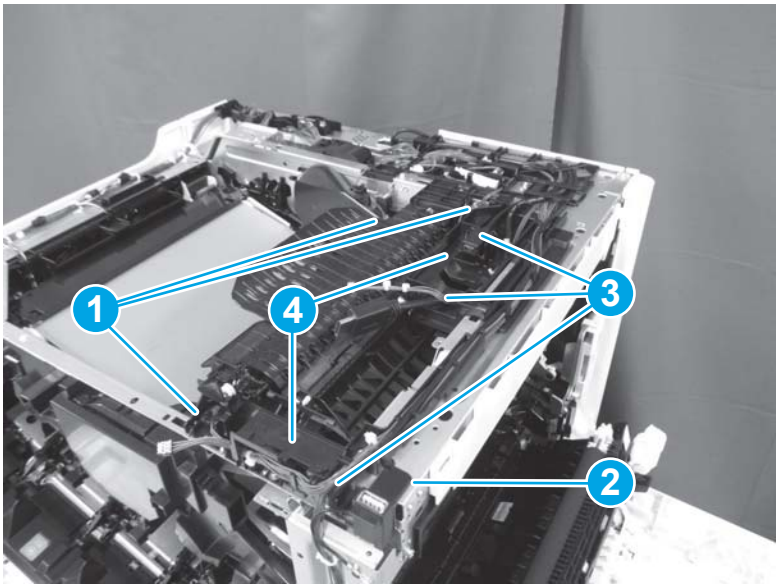
TIP: Push on the back side of the cover for easy release.

Figure 1-1894 Remove the front right inner cover



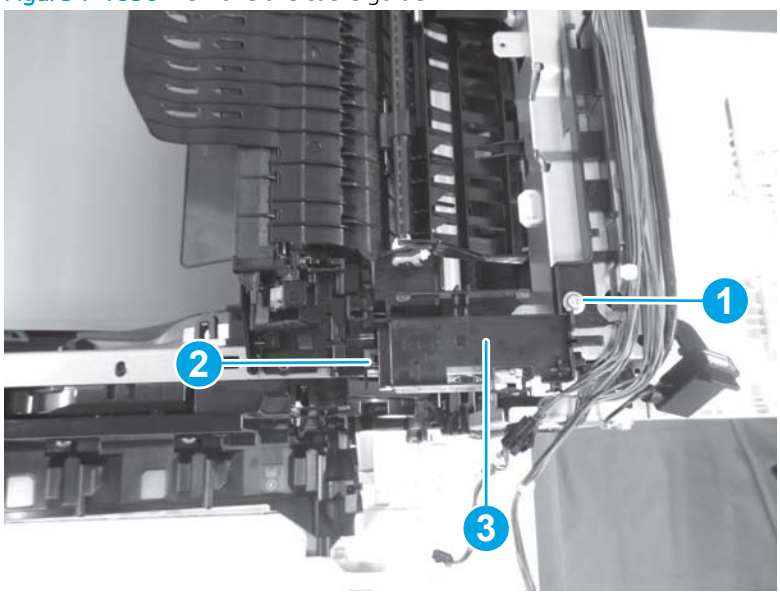
3. Disconnect three connectors (callout 1), and then release one boss (callout 2). Release the cable (callout 3) from the cable guide (callout 4).

Figure 1-1895 Disconnect three connectors and release one boss



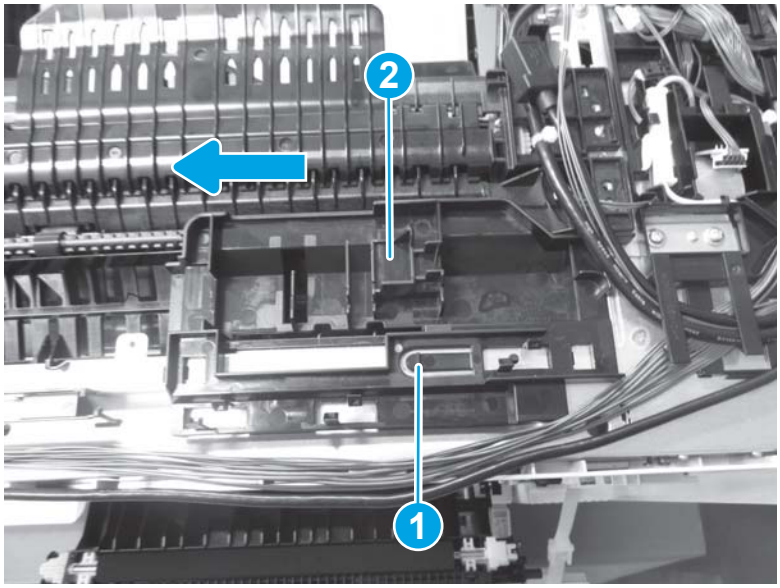
4. Remove one screw (callout 1), release one tab (callout 2), and then remove the cable guide (callout 3).

Figure 1-1896 Remove the cable guide



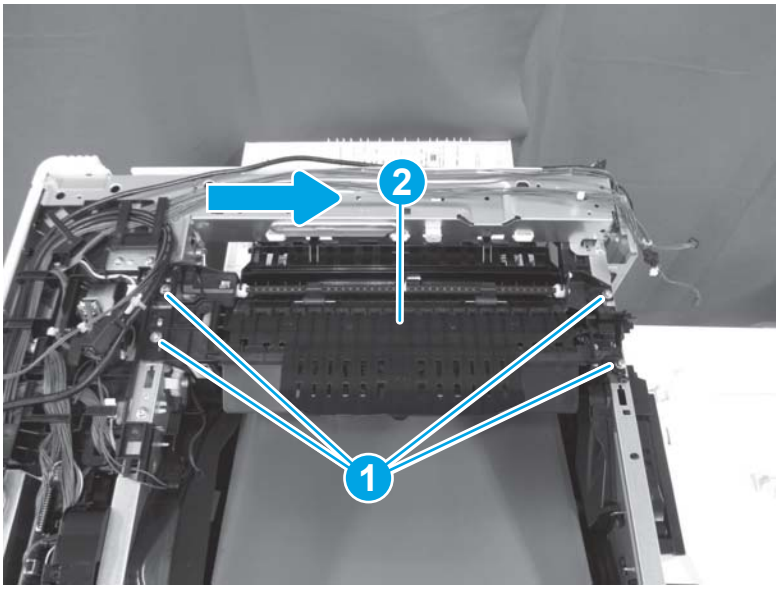
5. Release one boss (callout 1), and then slide the cable guide (callout 2) to the left to remove it.

Figure 1-1897 Remove the cable guide



6. Remove four screws (callout 1), and then slide the delivery assembly (callout 2) to the right to remove it.

Figure 1-1898 Remove four screws and the delivery assembly



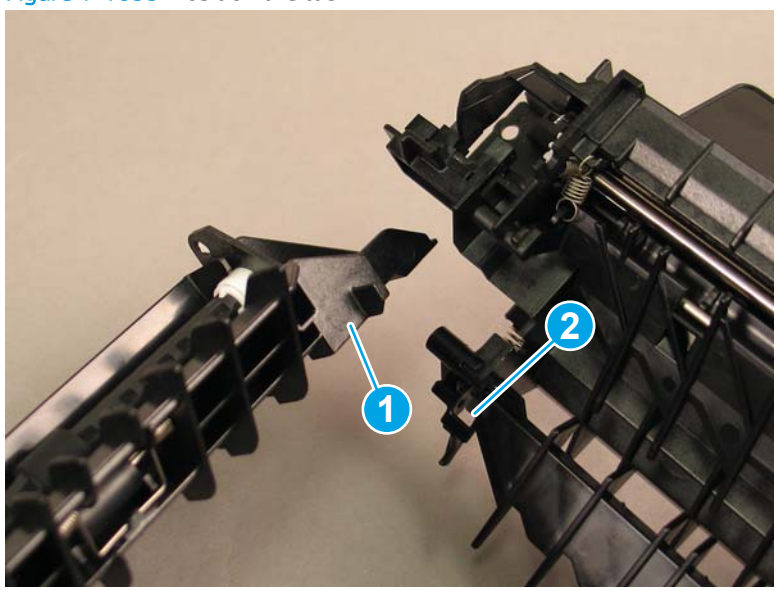
7. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Delivery assembly (M652/M653/E65050/E65060/E65150/E65160)

a. The delivery assembly is actually a three-piece unit. If the parts become separated after removing, follow these instructions to reassemble them:

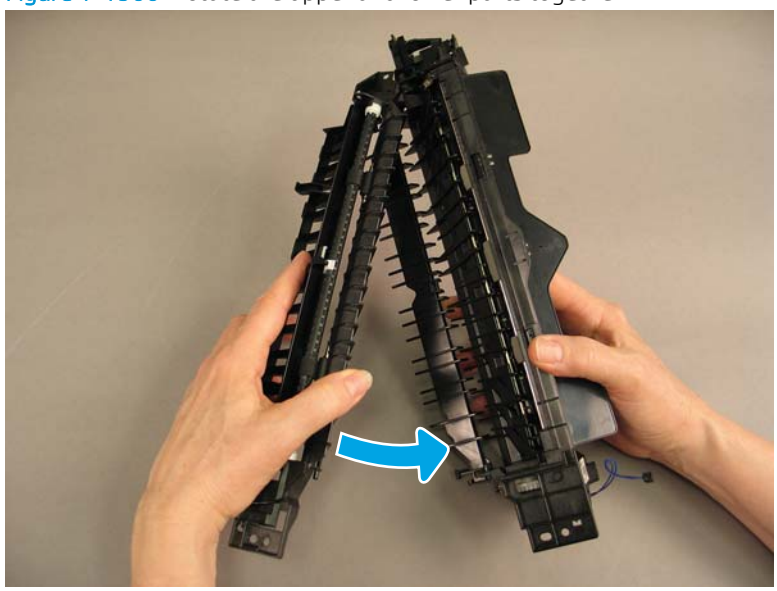
   i. Position the tab (callout 1) on the end of the lower portion in the slot (callout 2) on the end of the upper portion.

Figure 1-1899 Position the tab



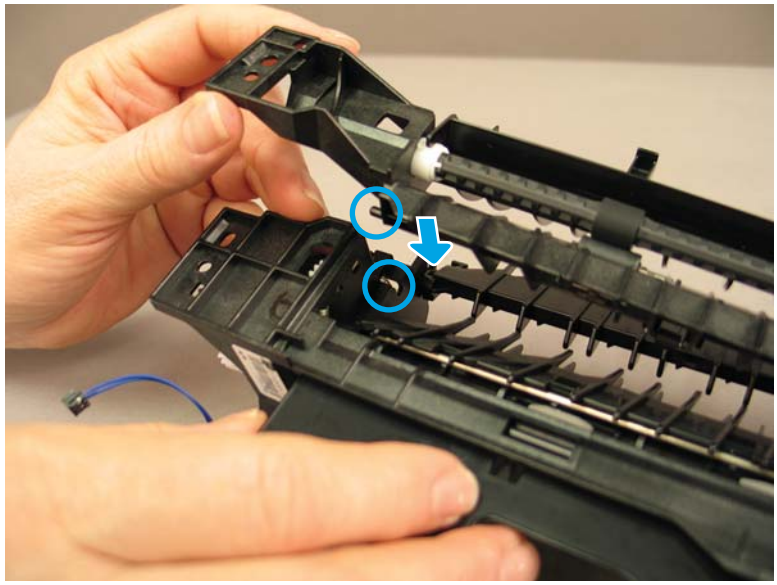
ii. Rotate the ends of the upper and lower parts together.

Figure 1-1900 Rotate the upper and lower parts together



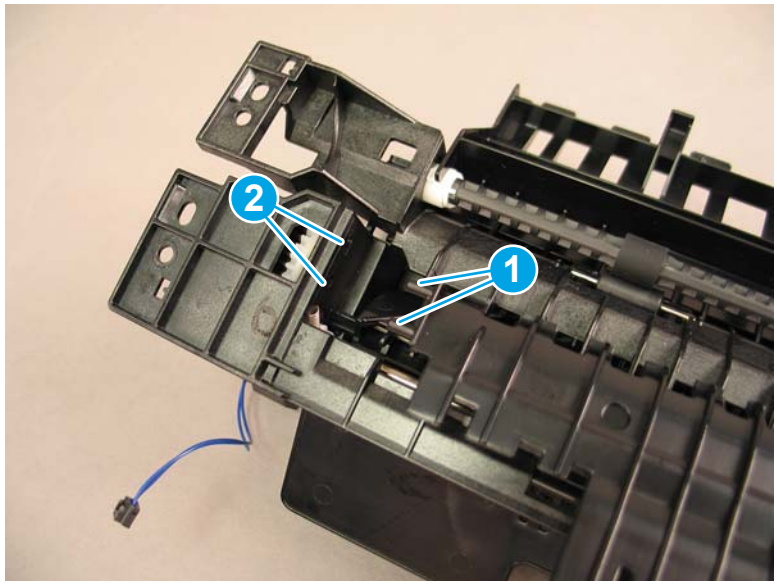
iii. Install the tab on the lower part into the slot on the upper part to join the parts together.

Figure 1-1901 Connect the upper and lower parts



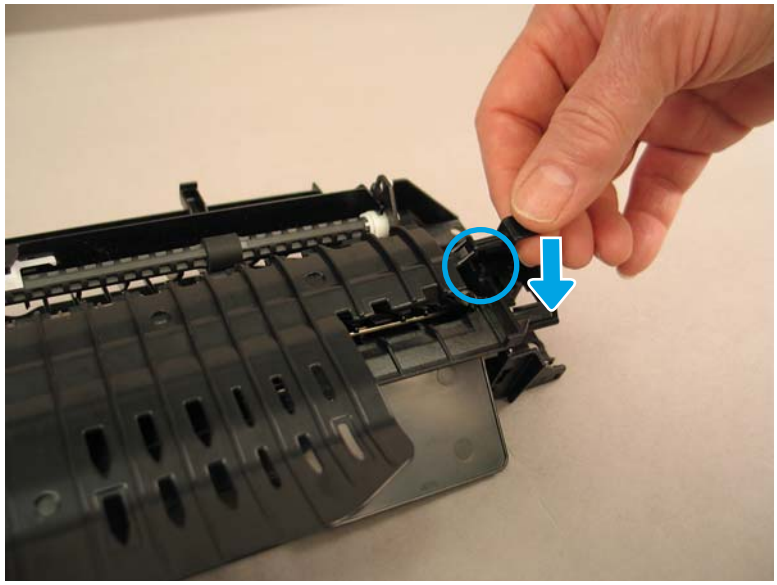
iv. Install the tabs (callout 1) on the lower shield into the slots (callout 2) in the delivery assembly.

Figure 1-1902 Install the tabs on the lower shield



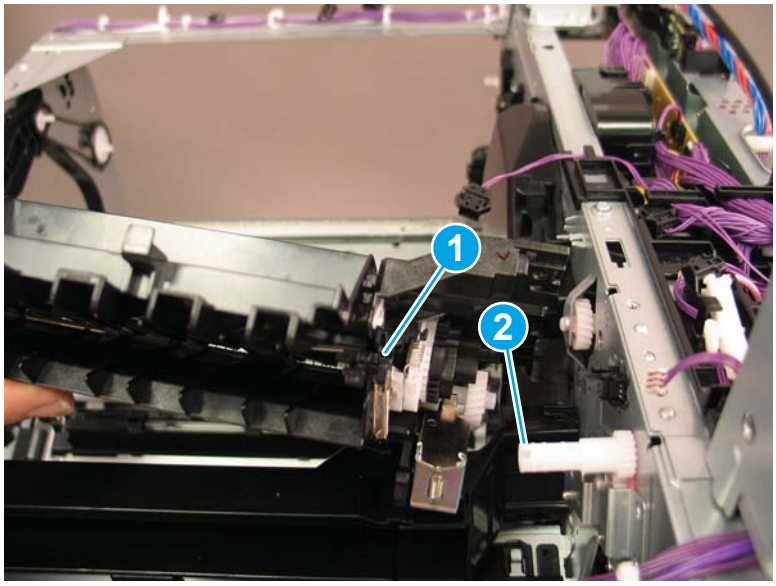
v. Lower the end of the lower shield into the slot in the delivery assembly.

Figure 1-1903 Lower the end



b. Before reinstalling the delivery assembly, note the keyed shaft (callout 1) on the delivery assembly that must be aligned to fi into the slot (callout 2) on the drive gear.

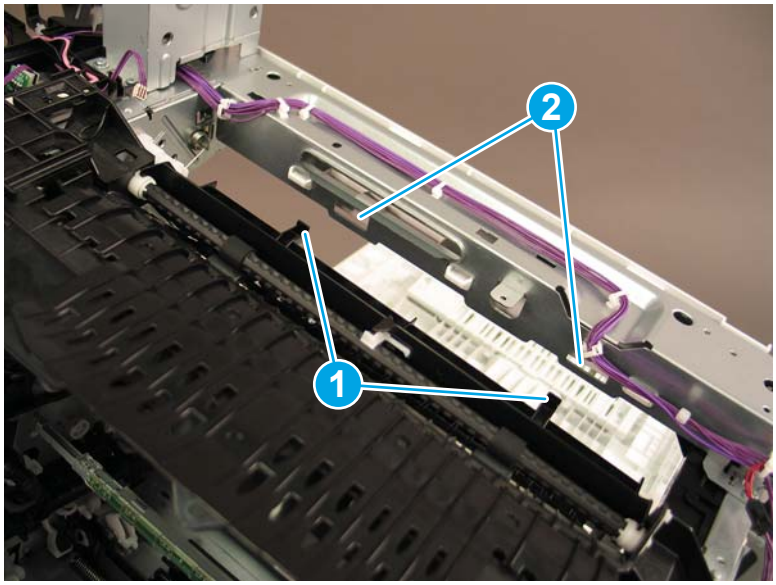
Figure 1-1904 Note the keyed shaft



c. Install the hooks on the delivery assembly (callout 1) into the slots (callout 2) in the sheet metal frame.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1905 Install the hooks in the slots



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Delivery assembly (M681/M682/E67550/E67560/E67650/E67660)

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)
- Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)
- Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)
- Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)
- Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)
- Step 13: Remove the output bin
- Step 14: Remove the fuser
- Step 15: Remove the delivery assembly
- Step 16: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the delivery assembly for the M681 and M682 models.

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

  WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Delivery assembly part number	
RM2-6621-000CN	Delivery assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

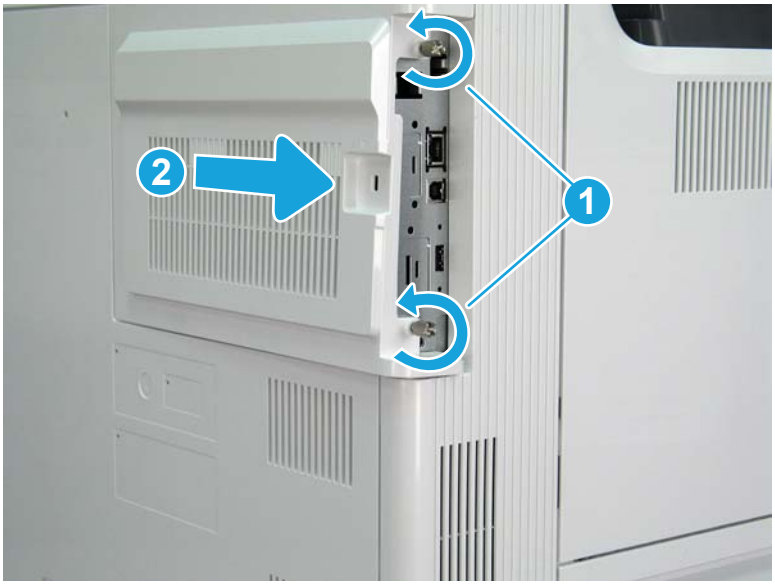
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1906 Remove the formatter cover



Step 2: Remove the keyboard (Flow M681/Flow M682/Flow E67660)

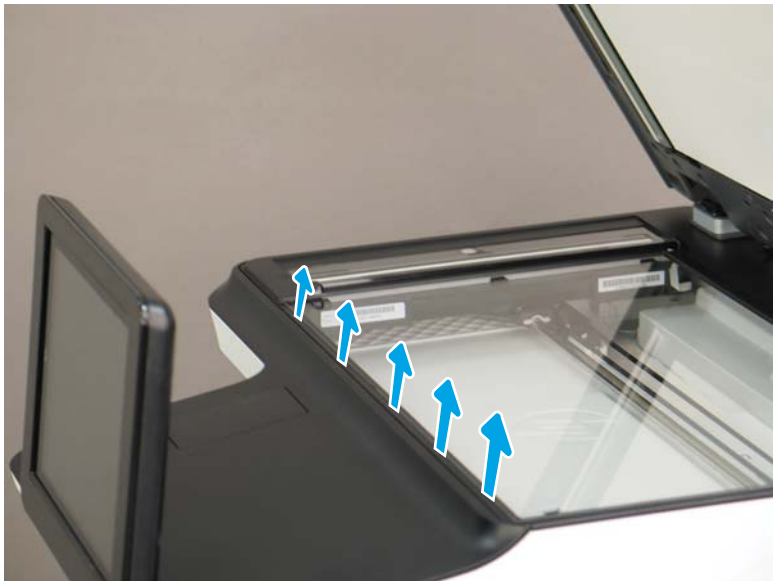
1. If the control panel is not fully tilted forward, tilt it forward now (callout 1) until it stops. Open the document feeder (callout 2).

Figure 1-1907 Tilt the control panel and open the document feeder



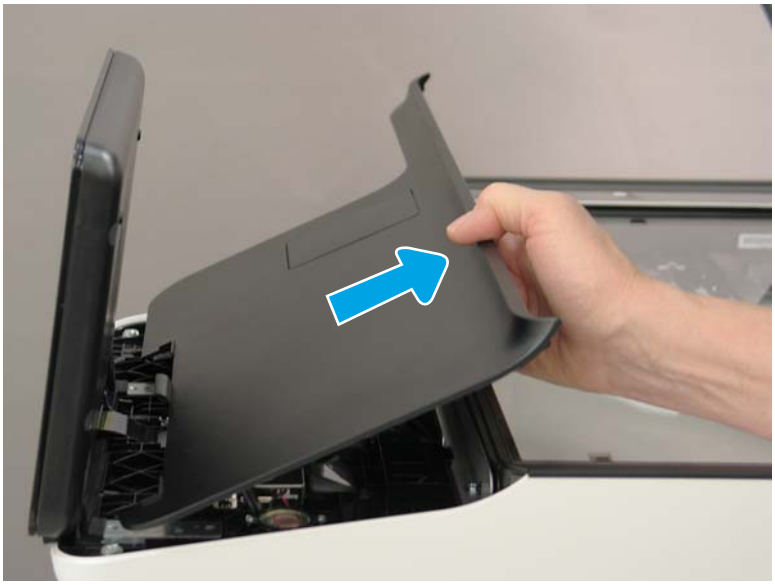
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1908 Release fiv tabs



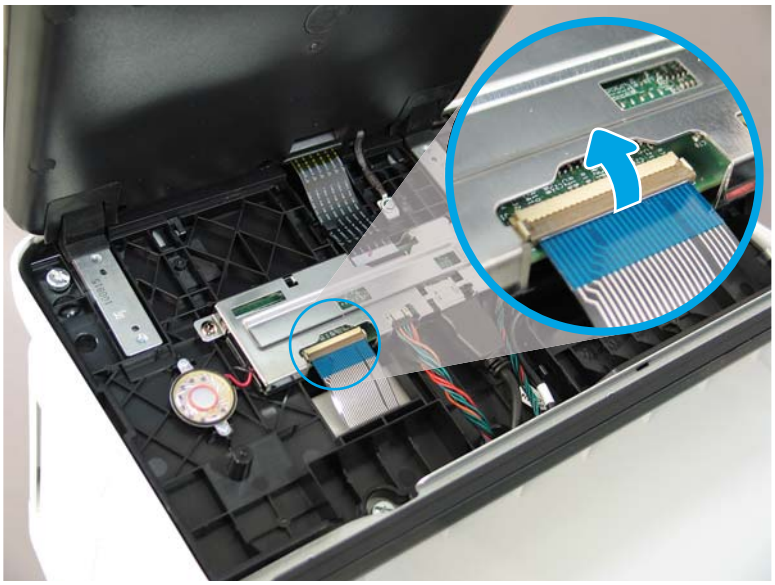
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1909 Remove the cover



4. Open the connector latch to release the keyboard fla cable.

Figure 1-1910 Disconnect the keyboard fla cable



5. Slide the keyboard tray out until it stops.

Figure 1-1911 Slide the keyboard tray out



6. Push up on the keyboard tray to release two tabs on the bottom of the tray, and then slide the tray toward you to disengage the tabs.

Figure 1-1912 Release two tabs



7. Slide the keyboard tray all the way out of the printer to remove it.

Figure 1-1913 Remove the keyboard



Step 3: Remove the control panel (M681/M682/E67550/E67560/E67650/E67660)

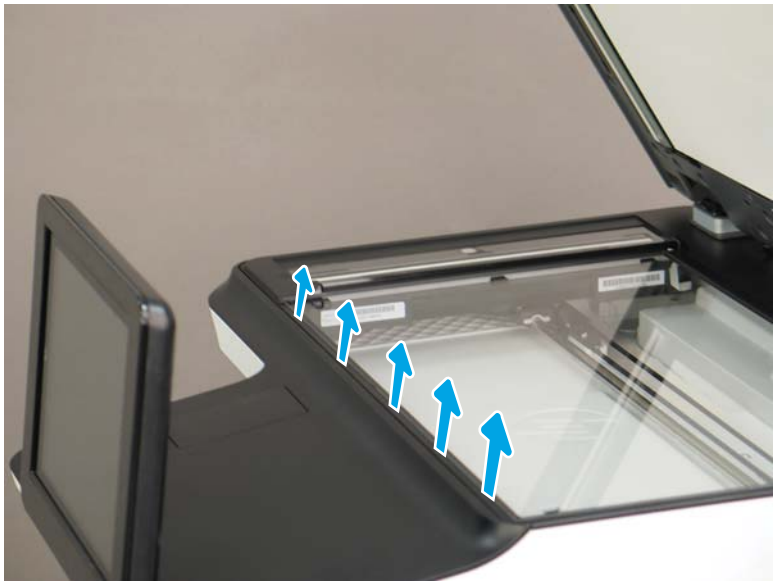
1. Tilt the control panel forward (callout 1), and then open the document feeder (callout 2).

Figure 1-1914 Tilt the control panel forward and open the document feeder



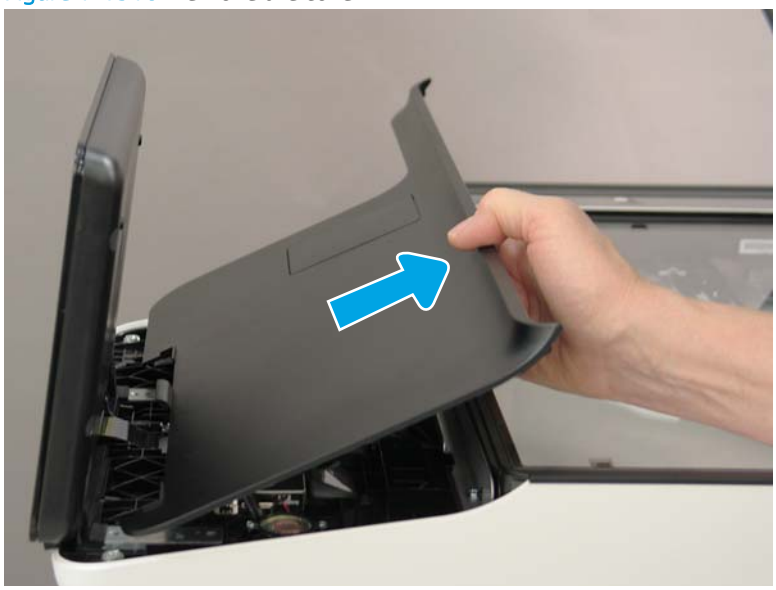
2. Beginning at the right side of the control-panel cover, carefully release fiv tabs along the top edge of the cover.

Figure 1-1915 Release fiv tabs



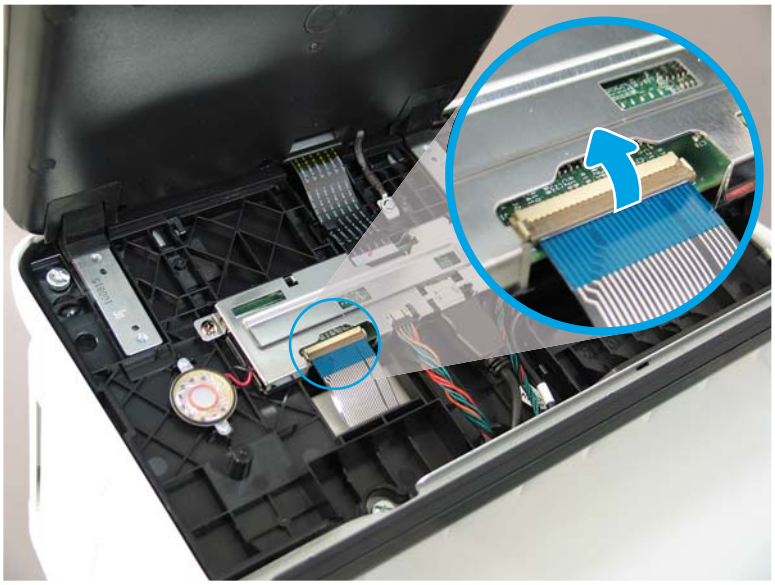
3. Continue to rotate the top edge of the cover away from the printer, and then remove the cover.

Figure 1-1916 Remove the cover



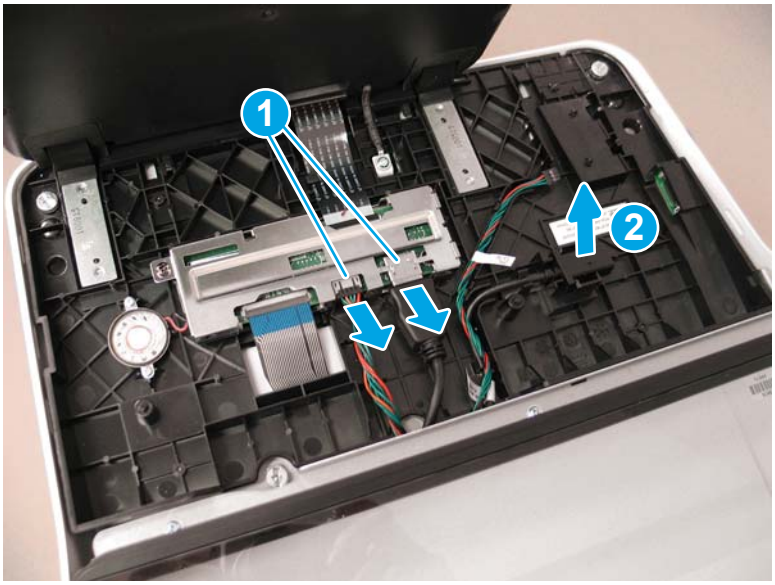
4. **Keyboard models only:** Lift up on the small, gray gate to release the keyboard fla cable.

Figure 1-1917 Disconnect the keyboard fla cable (keyboard models only)



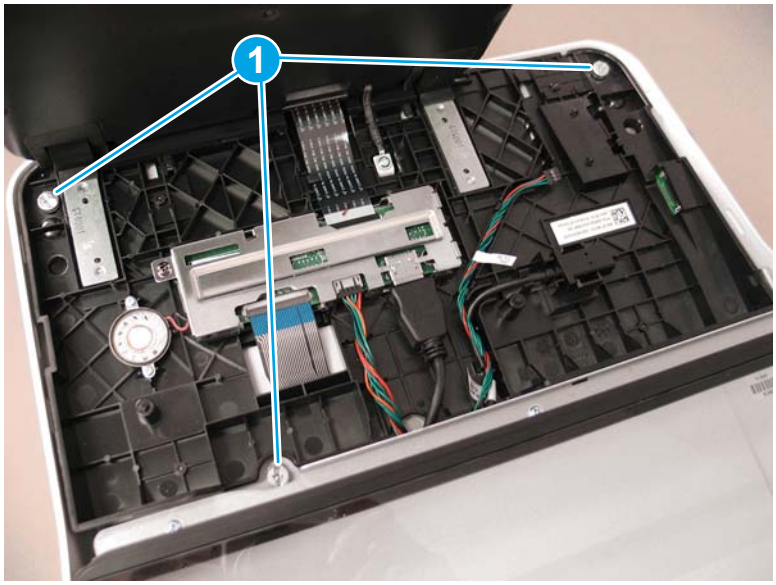
5. Disconnect two connectors (callout 1), and then release the USB cable (callout 2) from the holder.

Figure 1-1918 Disconnect connectors



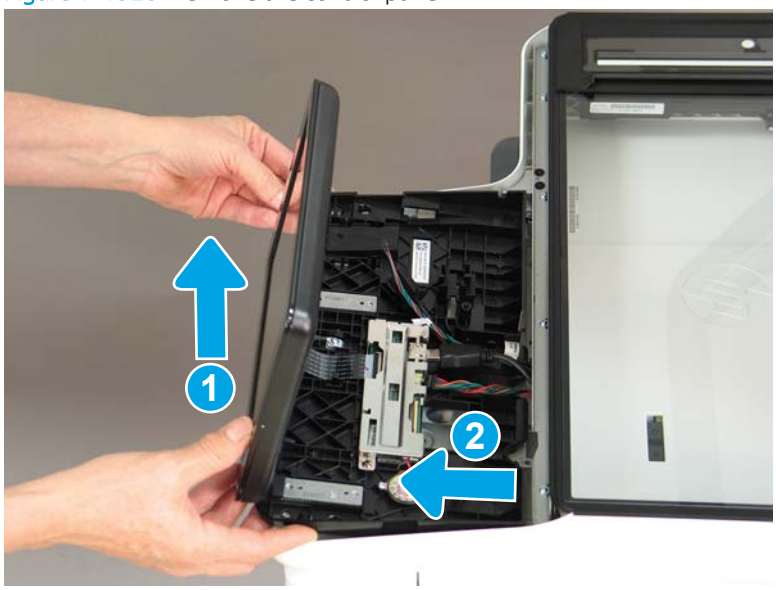
6. Remove three thumbscrews (callout 1).

Figure 1-1919 Remove three thumbscrews



7. Lift the front of the control panel o of the printer (callout 1), and then slide it toward the front of the printer (callout 2) to remove it.

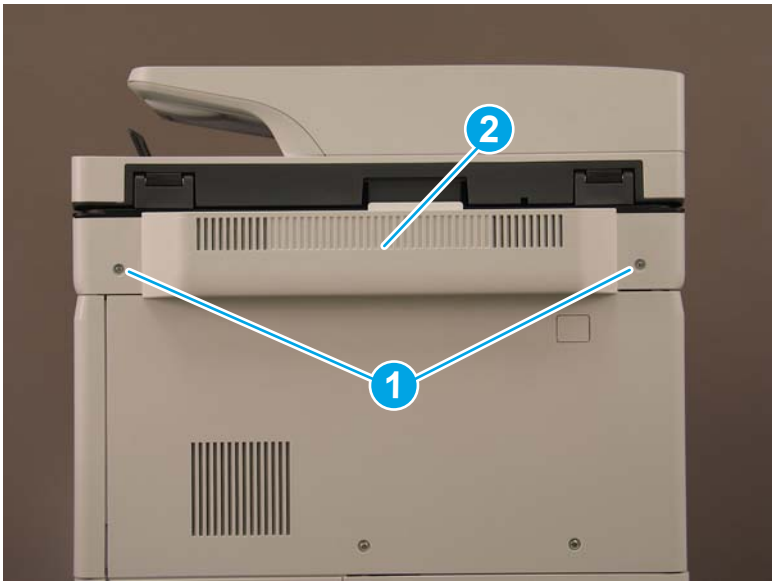
Figure 1-1920 Remove the control panel



Step 4: Remove the document feeder and image scanner (M681/M682/E67550/E67560/E67650/E67660)

1. Remove two screws (callout 1), and then remove the scanner control board (SCB) cover (callout 2).

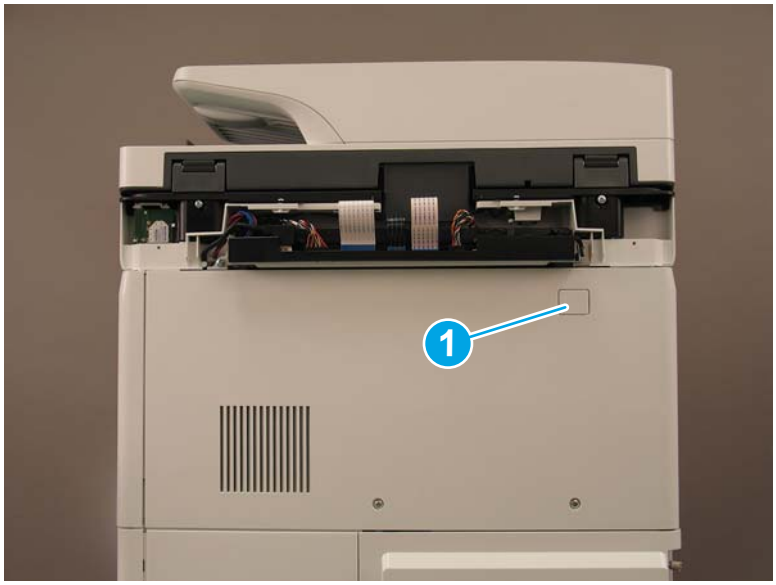
Figure 1-1921 Remove the SCB cover



2. **Flow M681z and Flow M682z models only**: Do the following:

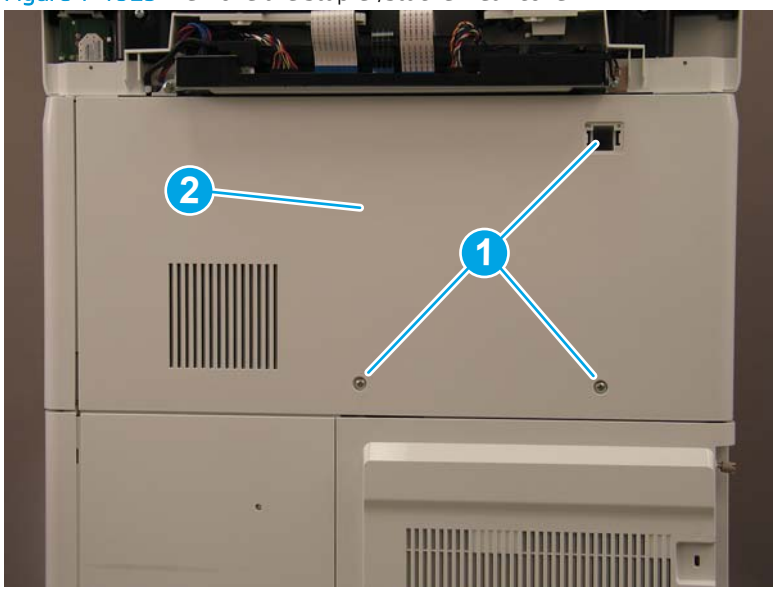
   a. At the back of the printer, remove one small cover (callout 1).

   Figure 1-1922 Remove the small cover



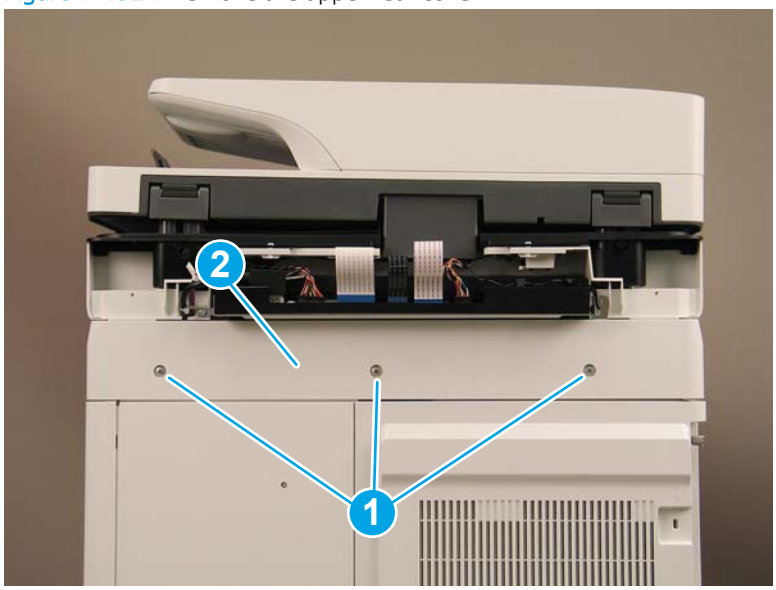
b. **Flow M681z and Flow M682z only**: Remove three screws (callout 1), and then remove the stapler/stacker rear cover (callout 2).

Figure 1-1923 Remove the stapler/stacker rear cover



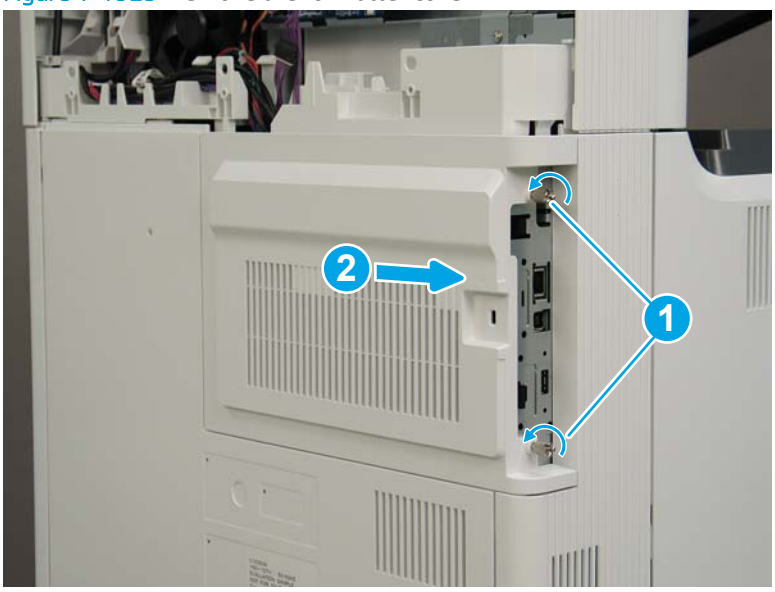
3. **M681dh, M681f, M682dh, and Flow M681f models only**: Remove three screws (callout 1), and then remove the upper rear cover (callout 2).

Figure 1-1924 Remove the upper rear cover



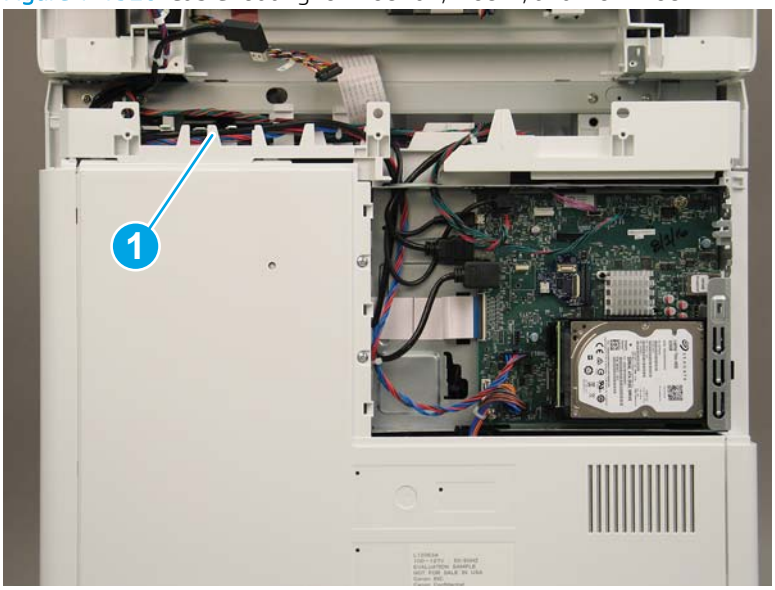
4. Loosen two thumbscrews (callout 1), and then slide the formatter cover away from the printer to remove it (callout 2).

Figure 1-1925 Remove the formatter cover



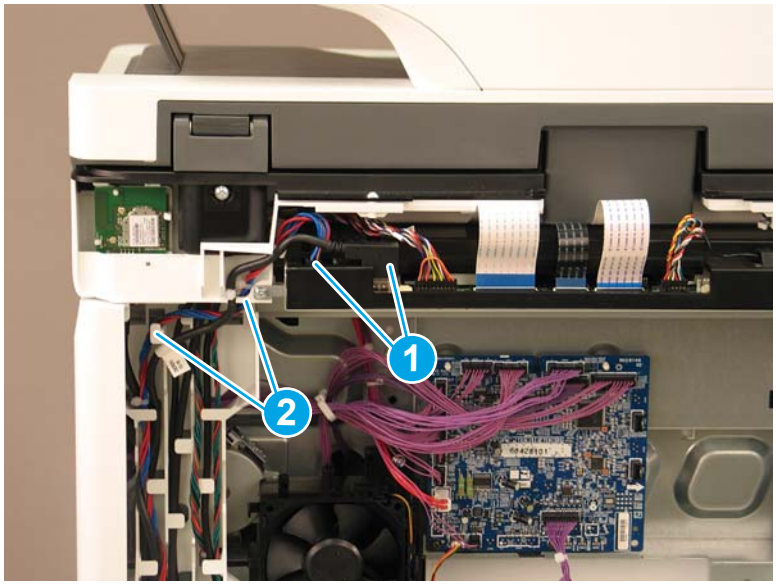
5. The remaining figure in this procedure show the Flow M682z model. While the cable routing (callout 1) on the M681dh, M681f, M682dh, and Flow M681f models is different the removal procedures are the same for all models.

Figure 1-1926 Cable routing for M681dh, M681f, and Flow M681f



6. Disconnect two connectors (callout 1) on the SCB, and then release the cables from the guides (callout 2).

Figure 1-1927 Disconnect two connectors



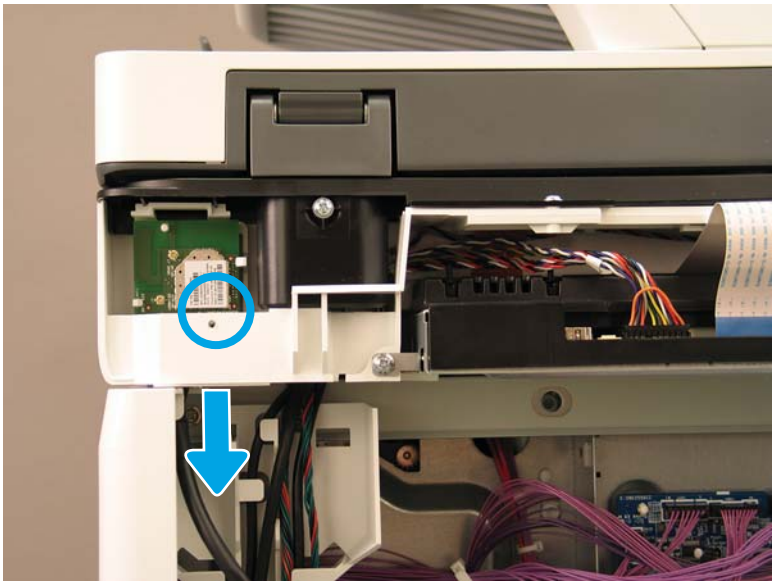
7. Disconnect fiv connectors on the formatter (callout 1).

Figure 1-1928 Disconnect fiv connectors



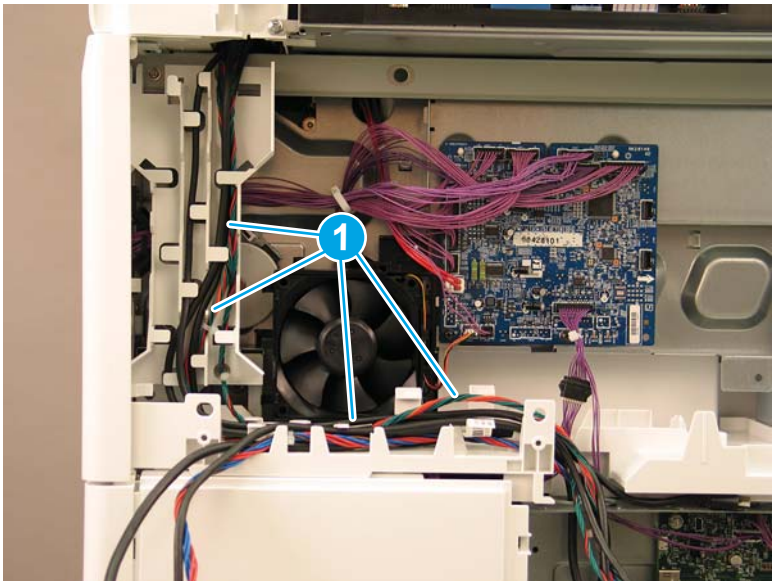
8. **Flow M682z only**: Gently pull down on the cable to disconnect the wireless connector.

Figure 1-1929 Disconnect the wireless connector



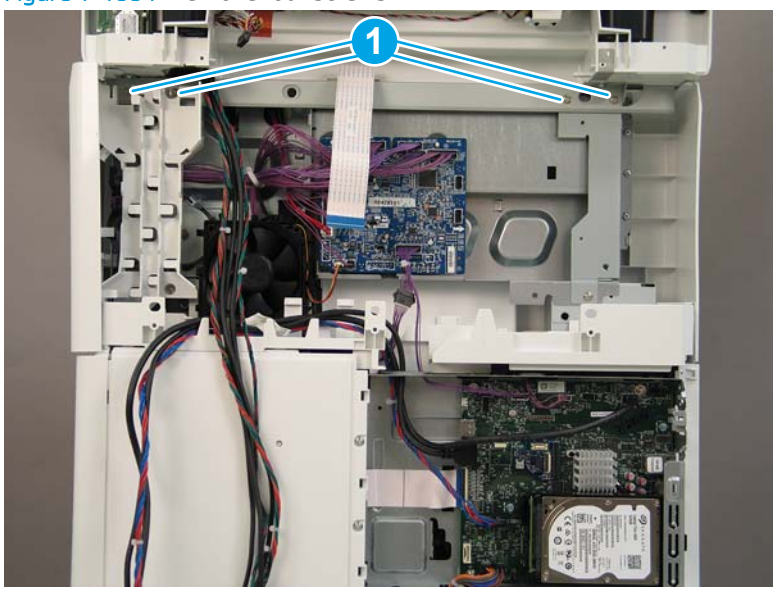
9. Release all of the cables from the cable guides (callout 1).

Figure 1-1930 Release the cables



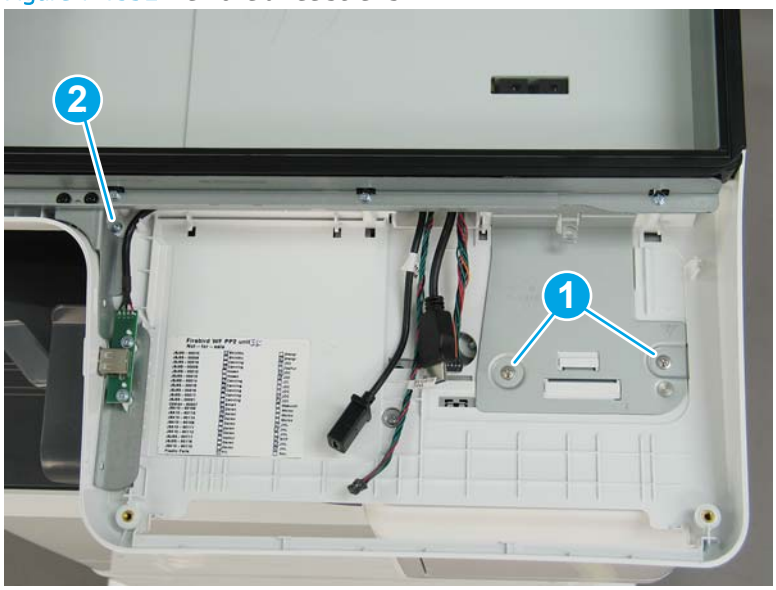
10. At the back of the printer, remove four screws (callout 1).

Figure 1-1931 Remove four screws



11. On the top of the image scanner assembly, at the location where the control panel was removed, remove two sheet metal screws (callout 1). **Flow M681z and Flow M682z only**: Remove one self-tapping screw (callout 2).

Figure 1-1932 Remove three screws



12. Lift the document feeder and image scanner o of the printer to remove them.

Figure 1-1933 Remove the document feeder and image scanner



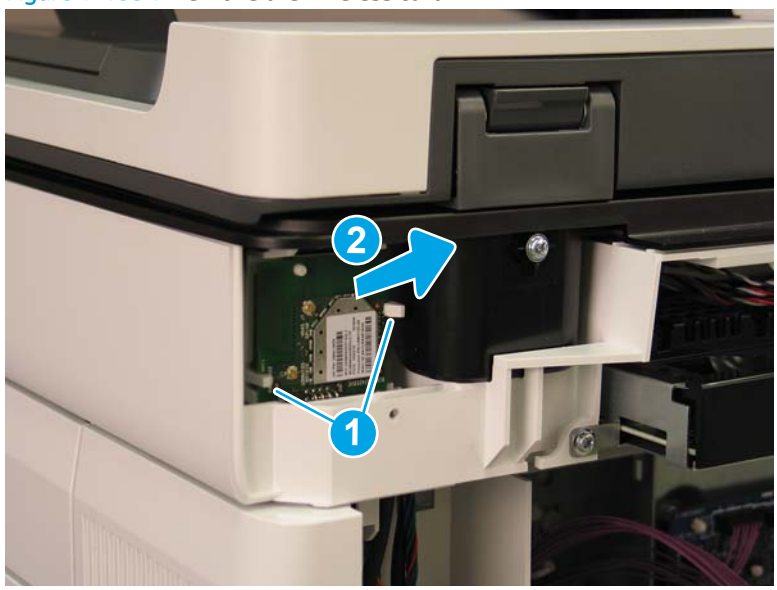
13. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Document feeder and image scanner

a. **Flow M682z only**: When reconnecting the wireless card cable, do the following:

   i. Release two tabs (callout 1), and then remove the wireless card (callout 2).

Figure 1-1934 Remove the wireless card



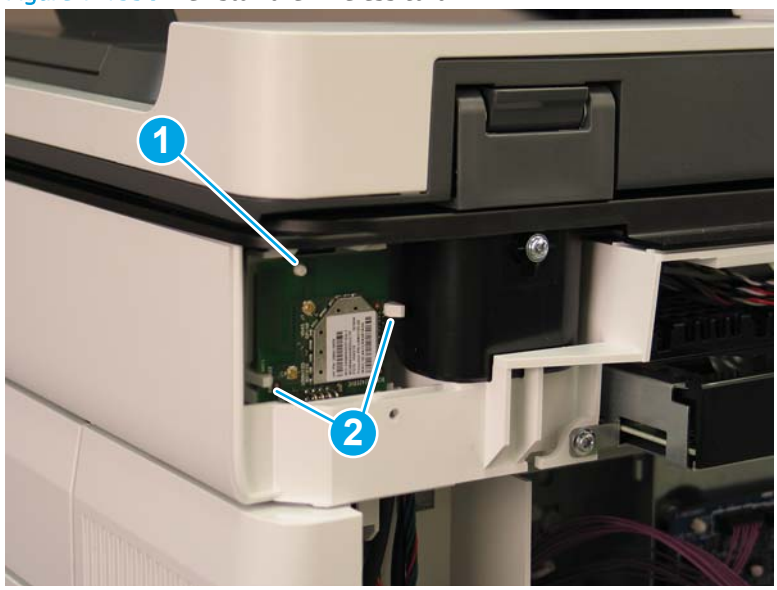
ii. Connect the cable to the wireless card (callout 1).

Figure 1-1935 Connect the wireless card connector



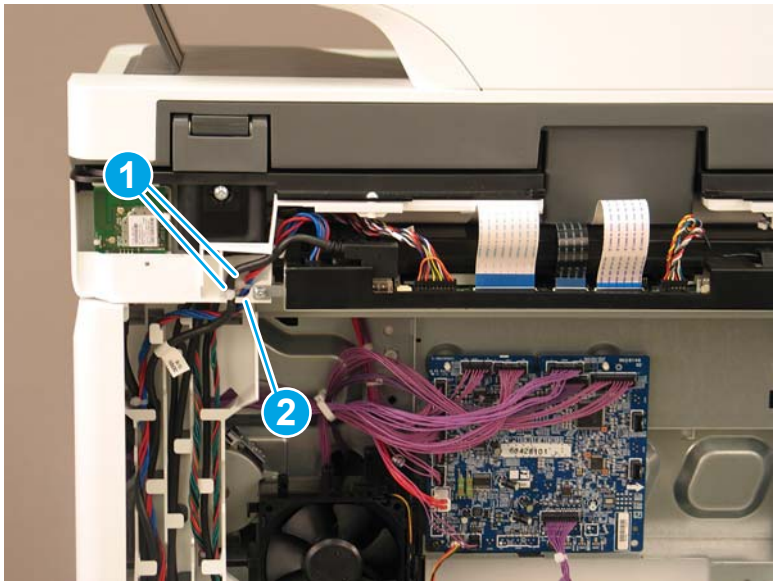
iii. Reinstall the wireless card. Make sure that the hole in the card is positioned over the peg (callout 1), and that the card is under the two tabs (callout 2).

Figure 1-1936 Reinstall the wireless card



b. When reinstalling the SCB cables, make sure that the wire retainers (callout 1) on the cables are positioned above the plastic guide (callout 2).

Figure 1-1937 Install the SCB cables



Step 5: Remove the stapler/stacker (Flow M681z/Flow M682z/Flow E67660z)

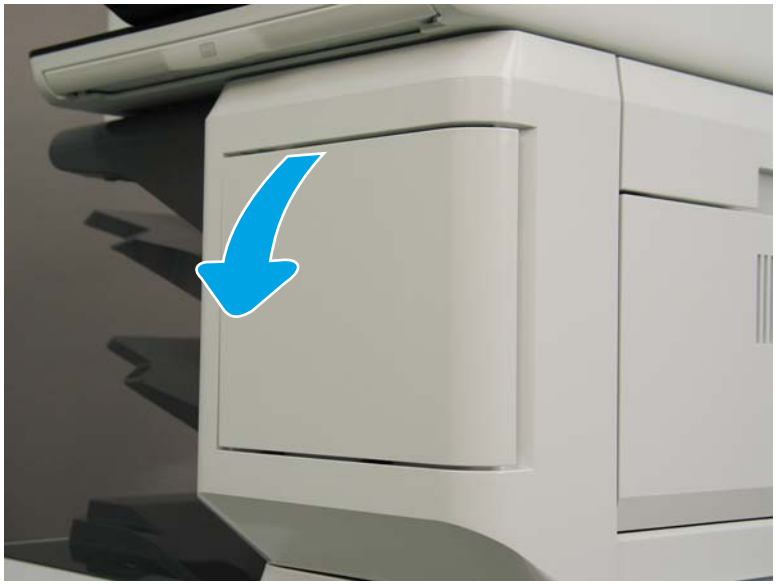
1. Open the front door.

Figure 1-1938 Open the front door



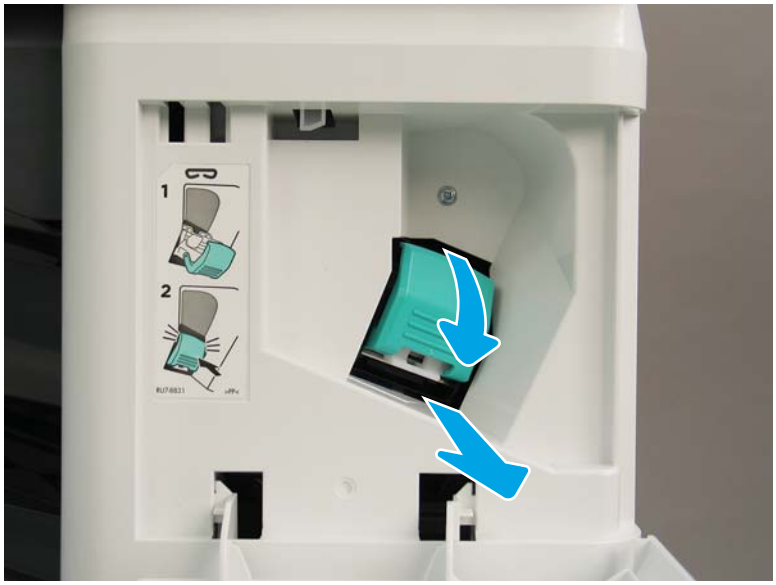
2. Open the stapler door.

Figure 1-1939 Open the stapler door



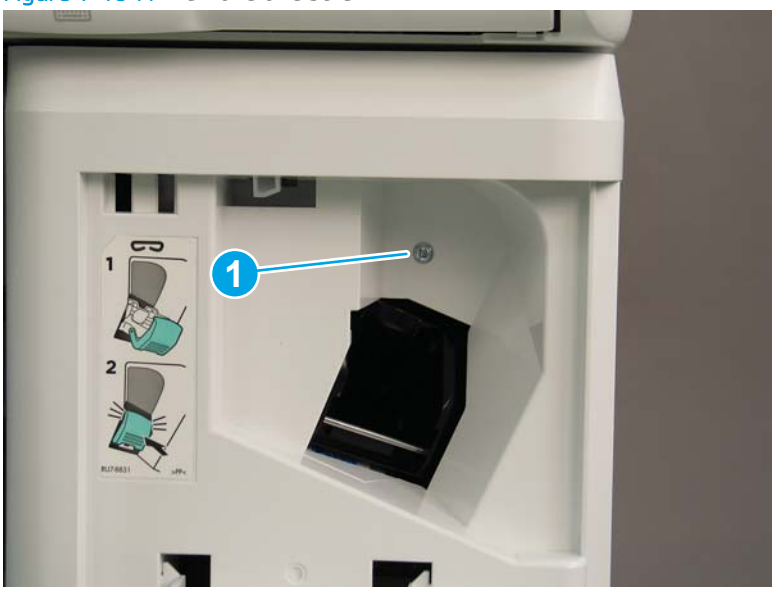
3. Release the latch, and then remove the staple cartridge.

Figure 1-1940 Remove the staple cartridge



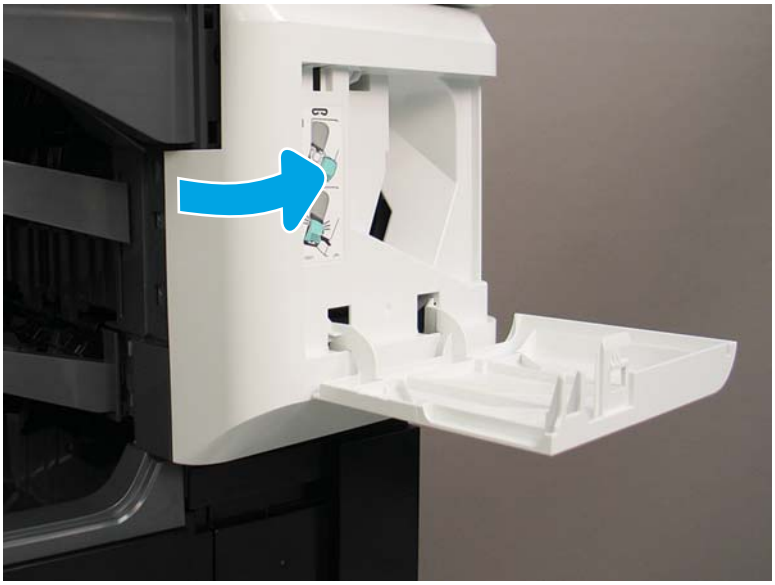
4. Remove one screw (callout 1).

Figure 1-1941 Remove one screw



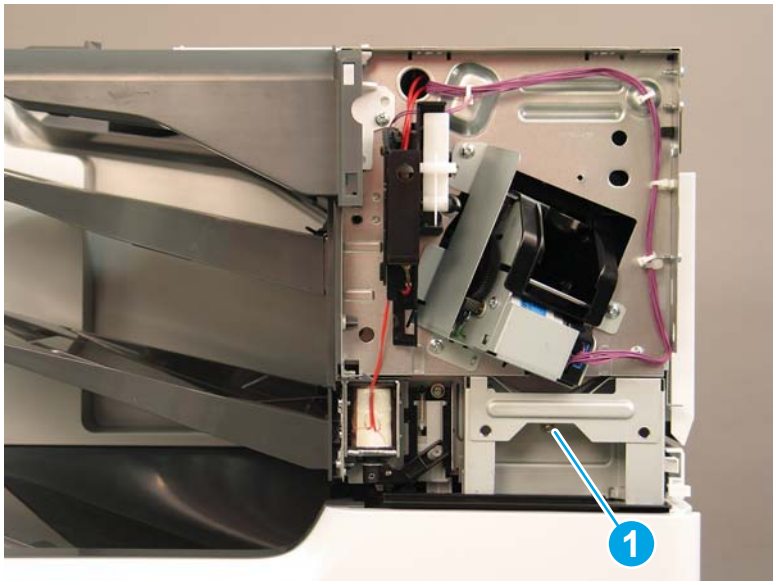
5. Rotate the stapler cover to the right to remove it.

Figure 1-1942 Remove the stapler cover



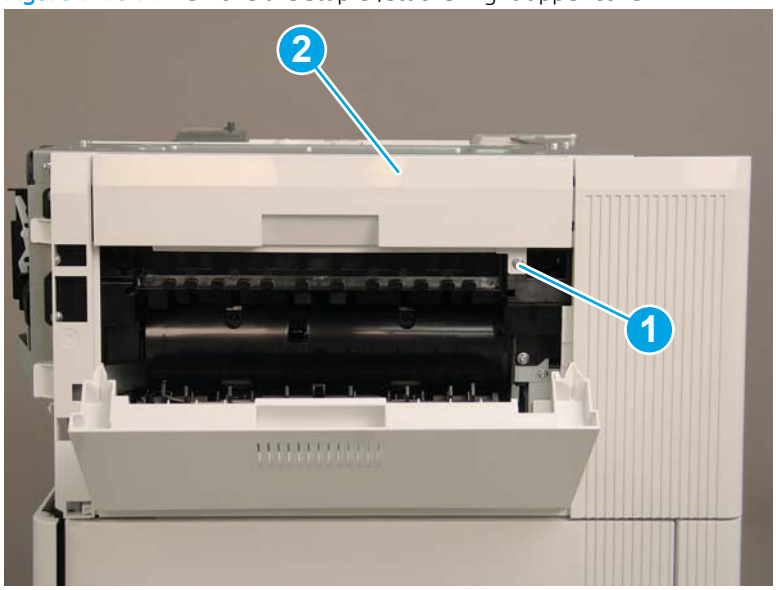
6. Remove one screw (callout 1).

Figure 1-1943 Remove one screw



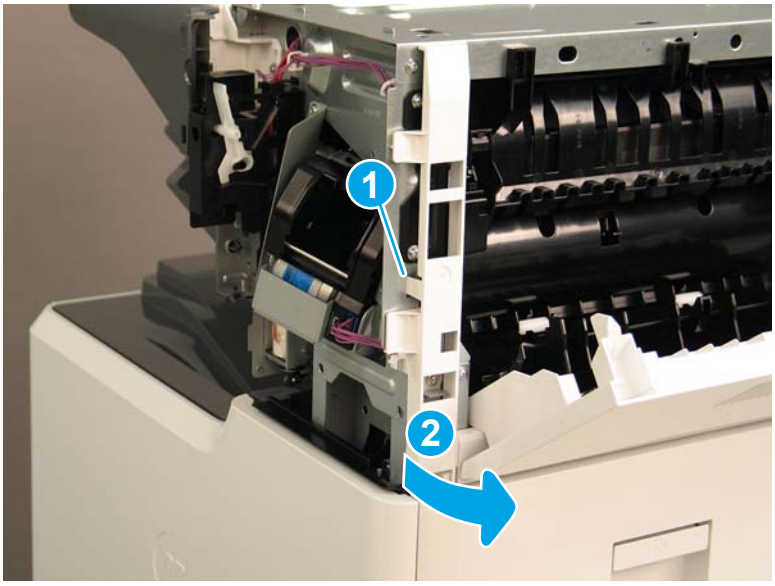
7. At the right side of the printer, remove one screw (callout 1), and then remove the stapler/stacker right upper cover (callout 2).

Figure 1-1944 Remove the stapler/stacker right upper cover



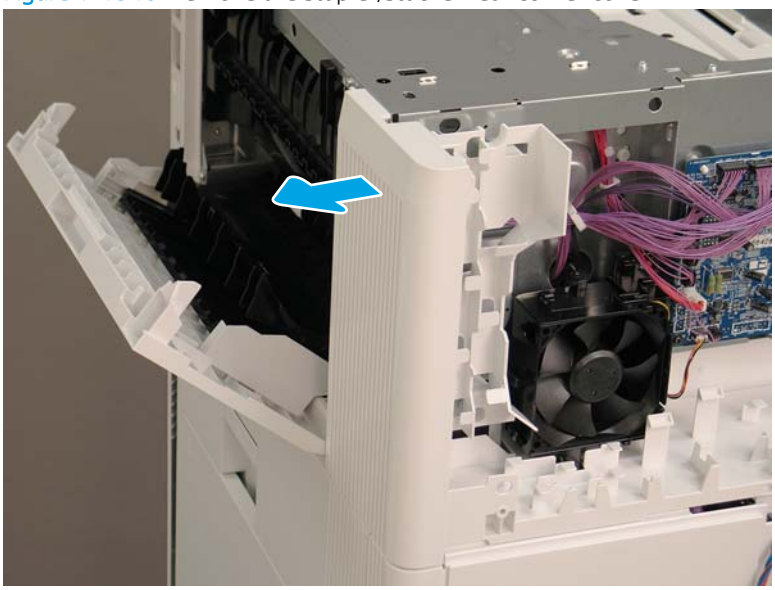
8. Release one tab (callout 1), and then rotate the stapler rear cover away from the printer (callout 2) to remove it.

Figure 1-1945 Remove the stapler rear cover



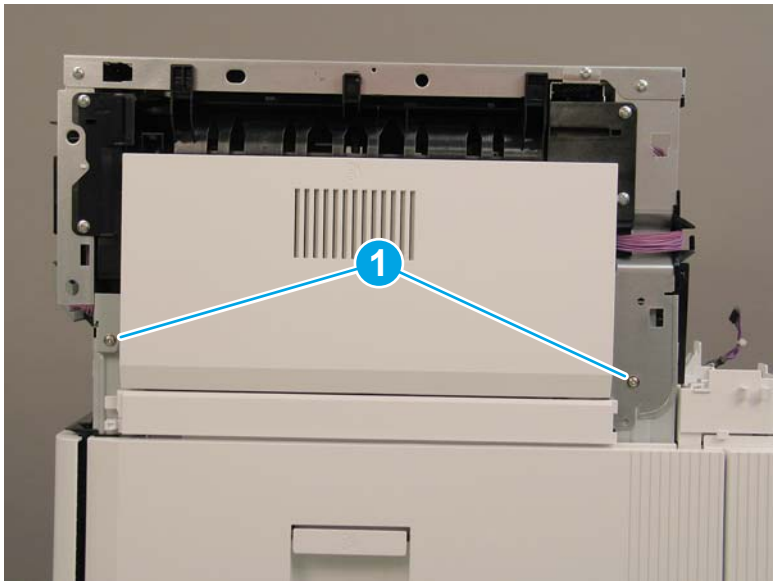
9. Pull the stapler/stacker rear corner cover away from the printer to remove it.

Figure 1-1946 Remove the stapler/stacker rear corner cover



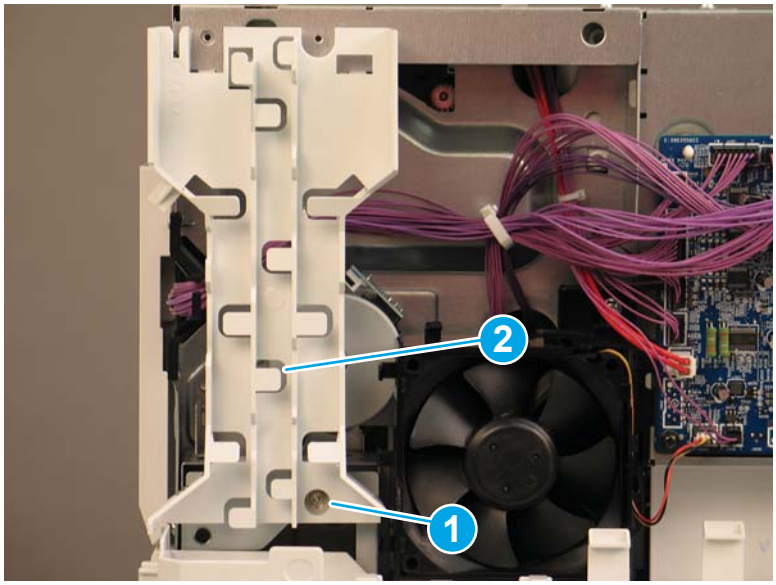
10. Remove two screws (callout 1).

Figure 1-1947 Remove two screws



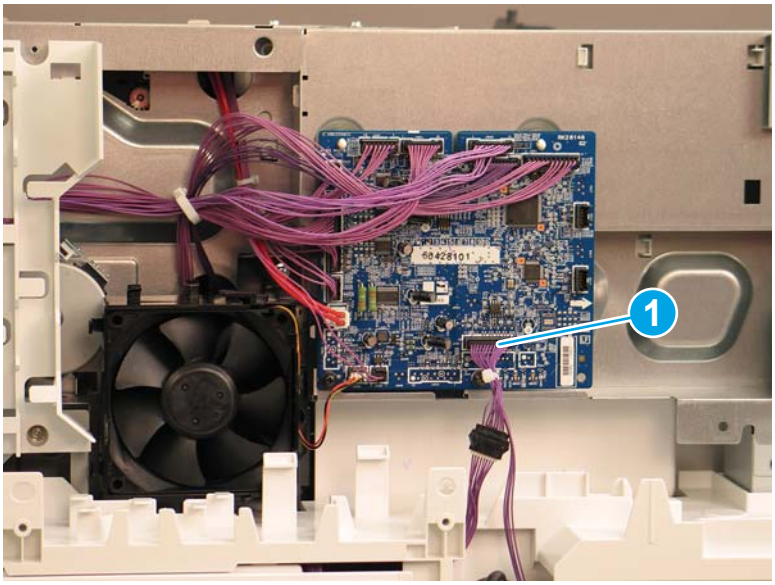
11. At the back of the printer, remove one screw (callout 1), and then remove the cable guide (callout 2).

Figure 1-1948 Remove the cable guide



12. Disconnect one connector on the stapler/stacker PCA (callout 1).

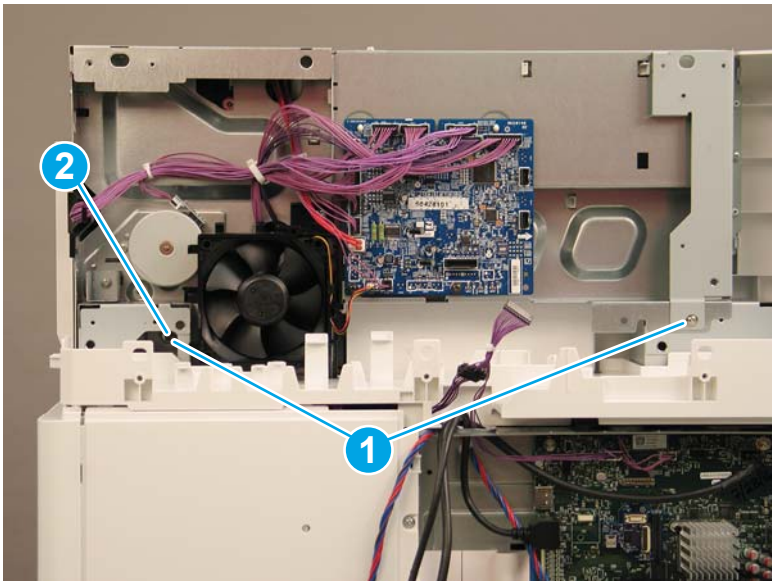
Figure 1-1949 Disconnect one connector



13. Remove two screws (callout 1).

Reinstallation tip: The screw on the left (callout 2) is longer than the other screw. Make sure that this screw is installed in the correct location.

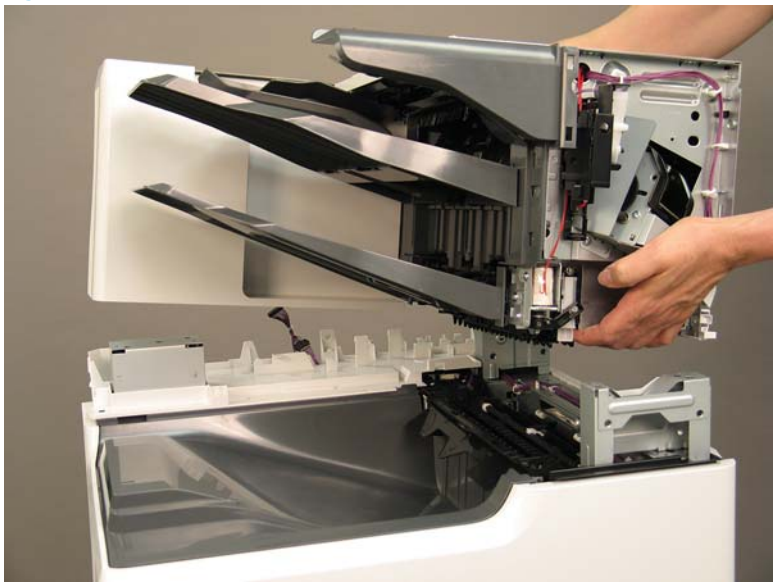
Figure 1-1950 Remove two screws



14. Lift the stapler/stacker away from the printer.

Reinstallation tip: Reverse the removal steps to install the assembly.

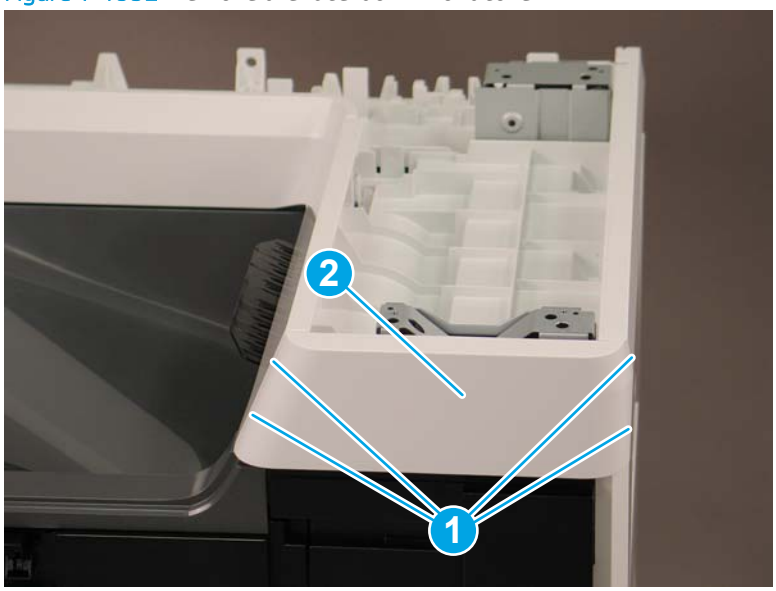
Figure 1-1951 Remove the stapler/stacker



Step 6: Remove the face-down front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Open the front door.
2. Release two tabs on each side (callout 1), and then remove the face-down front cover (callout 2).

Figure 1-1952 Remove the face-down front cover



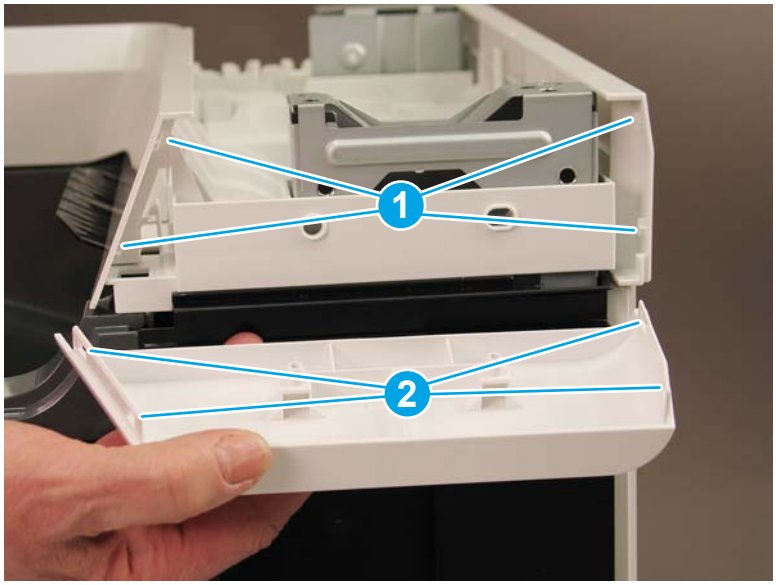
3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Face-down front cover

- When reinstalling the cover, position the tabs (callout 1) on the printer into the slots (callout 2) on the cover.

Figure 1-1953 Install the cover

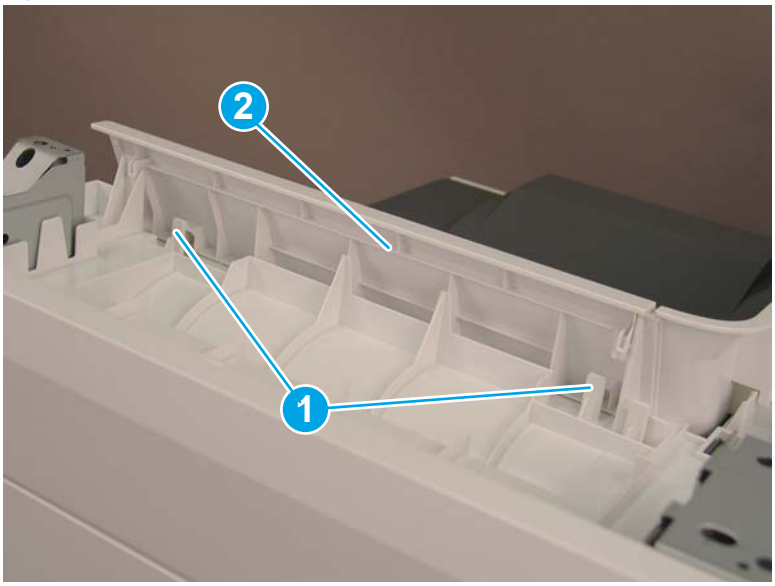


Step 7: Remove the top cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Release two tabs (callout 1), and then remove the top cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1954 Remove the top cover

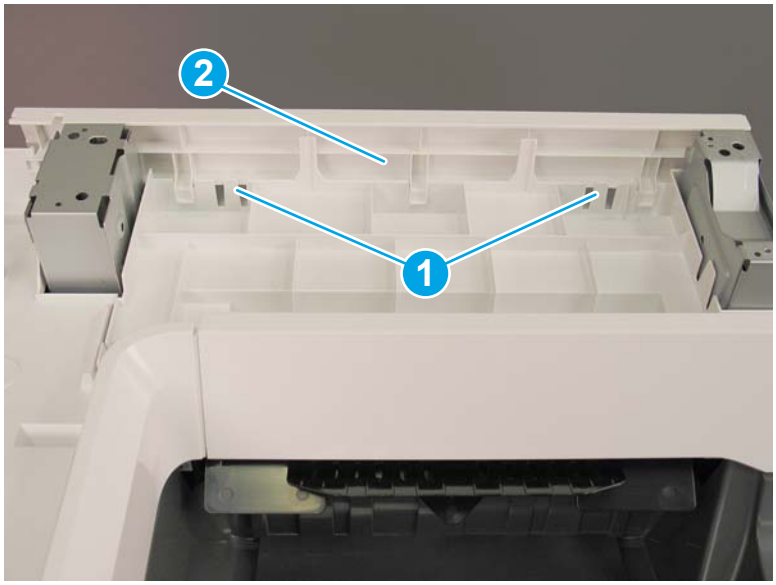


Step 8: Remove the right cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Release two tabs (callout 1), and then remove the right cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1955 Remove the right cover

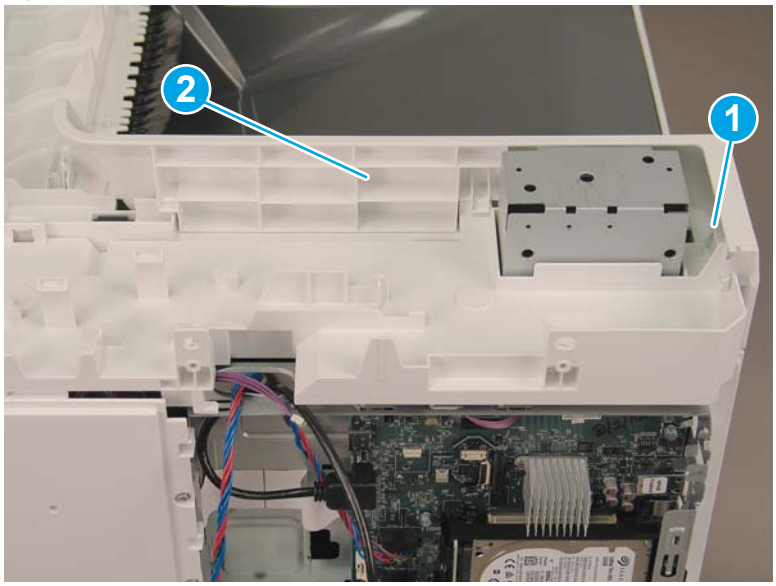


Step 9: Remove the front cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Release two tabs (callout 1), and then remove the front cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1956 Remove the front cover

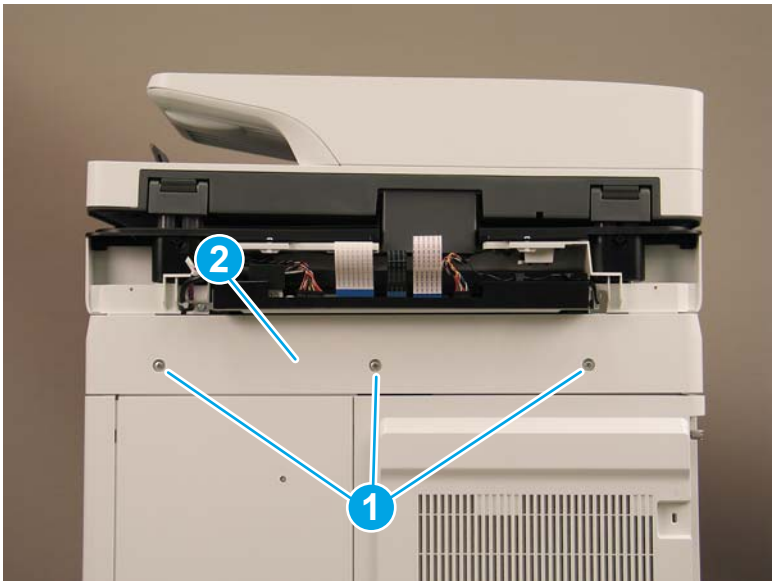


Step 10: Remove the rear upper cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

- Remove two screws (callout 1), and then remove the rear upper cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1957 Remove the rear upper cover

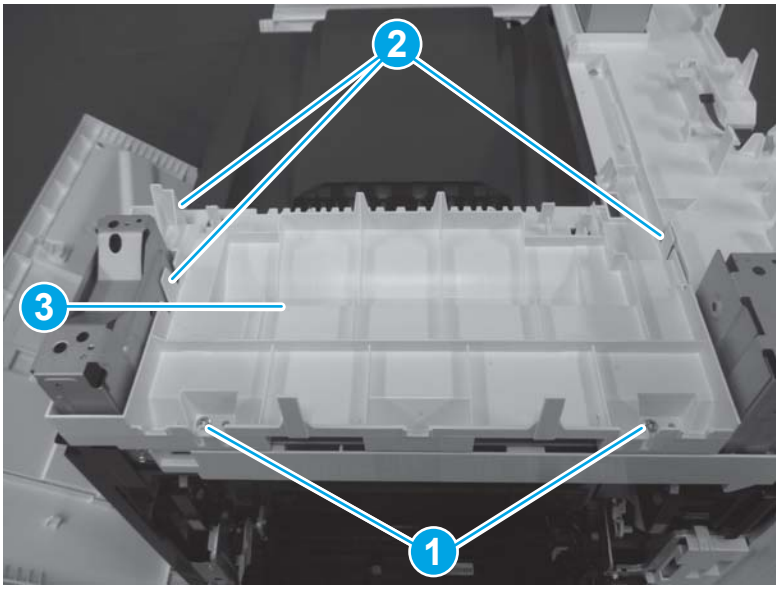


Step 11: Remove the face-down cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

▲ Remove two screws (callout 1), release three tabs (callout 2), and then remove the face-down cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

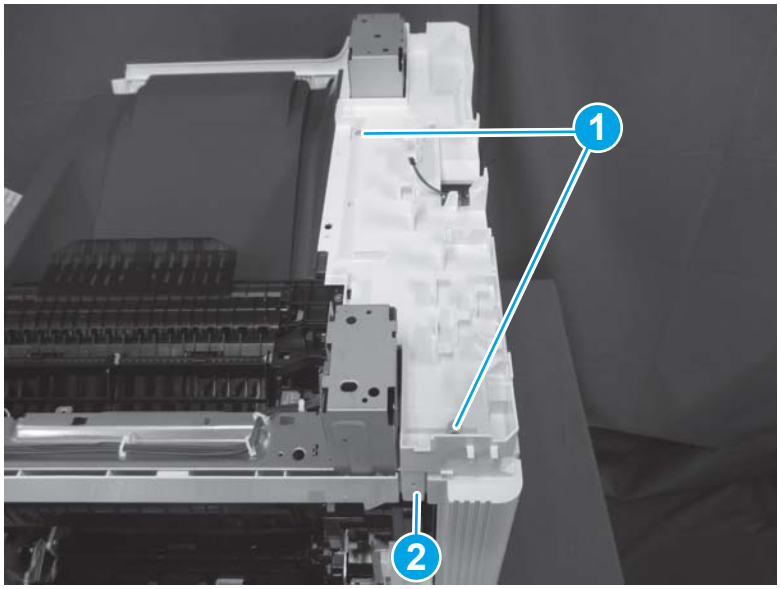
Figure 1-1958 Remove two screws and the face-down cover



Step 12: Remove the main cover (M681dn/M681/M682dn/Flow M681f/E67650dh)

1. Remove two screws (callout 1), and then release one tab (callout 2).

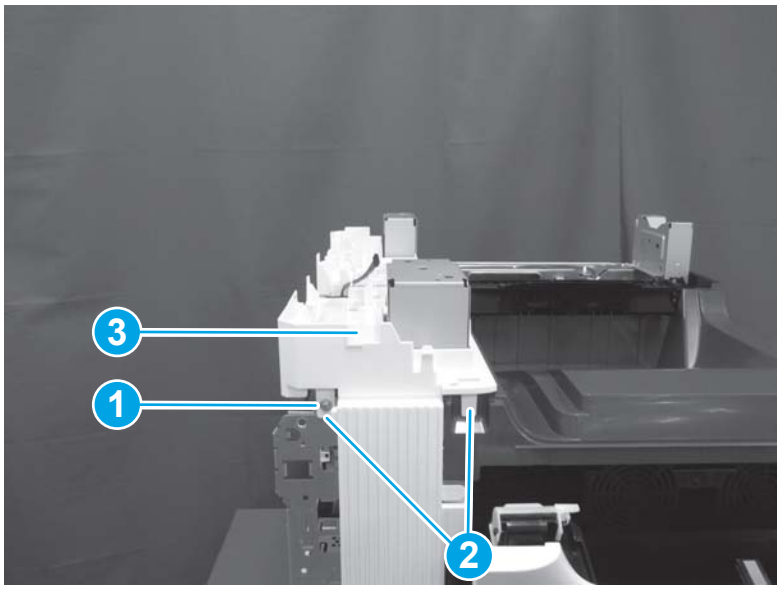
Figure 1-1959 Remove two screws and release one tab



2. Remove one screw (callout 1), release two tabs (callout 2), and then remove the main cover (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1960 Remove one screw and the main cover



Step 13: Remove the output bin

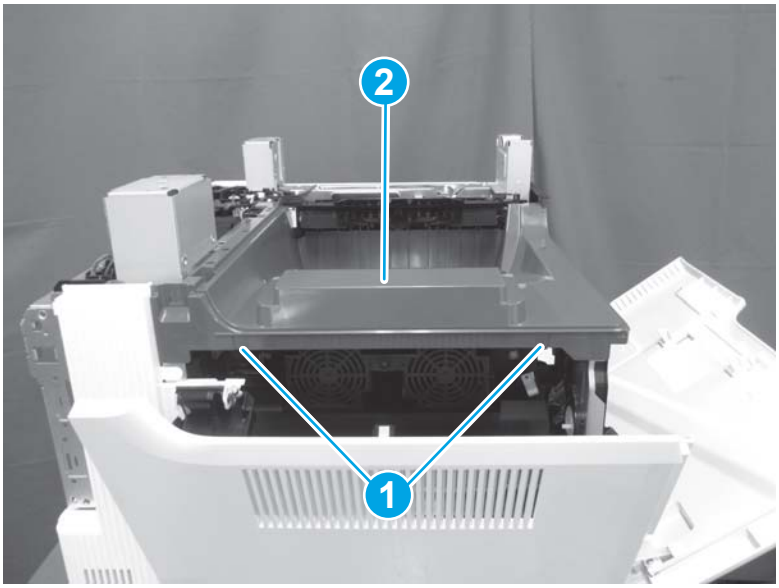
1. Open the following doors:
   - Front door
   - Left door
   - Right door

2. Release two tabs (callout 1), and then remove the output bin (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

NOTE: The M682 is shown in the figur below. The procedure is correct for all models.

Figure 1-1961 Remove the output bin



Step 14: Remove the fuser

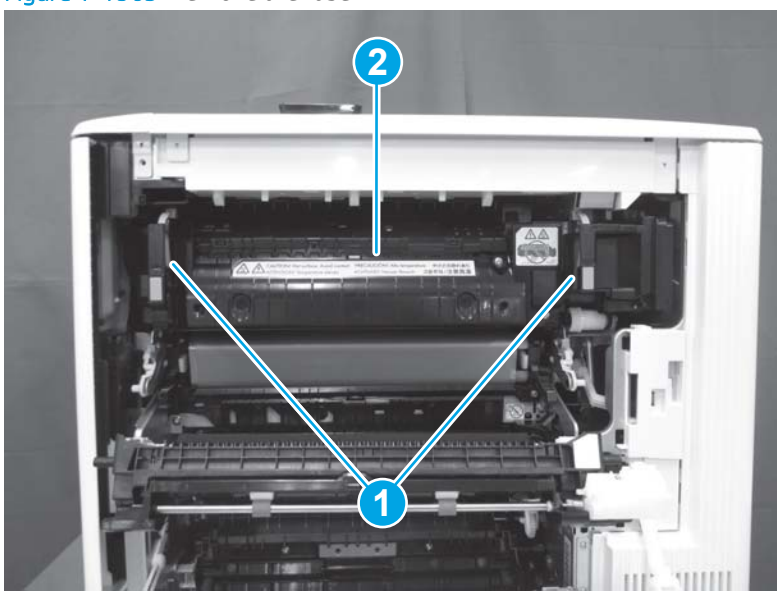
1. Open the right door.

Figure 1-1962 Open the right door



2. Grasp the handles (callout 1), and then pull away from the printer to remove the fuser (callout 2).

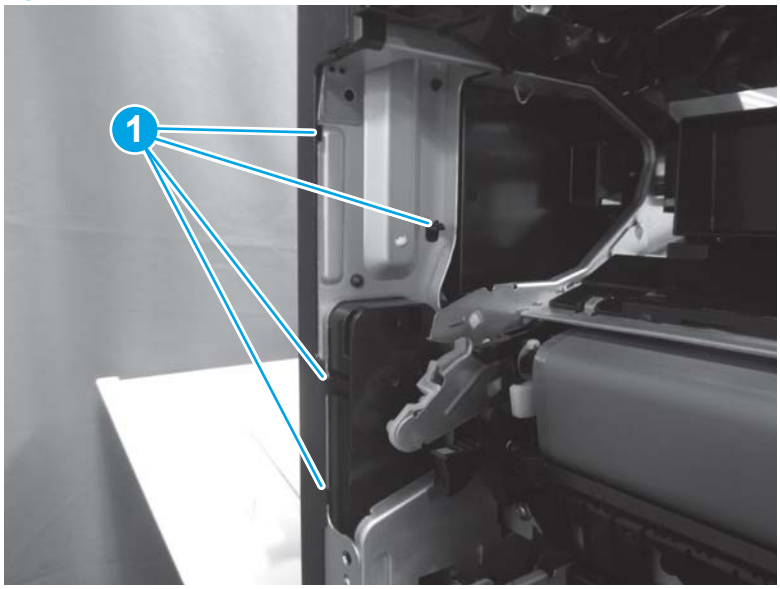
Figure 1-1963 Remove the fuser



Step 15: Remove the delivery assembly

1. At the left side of the printer, release four tabs (callout 1).

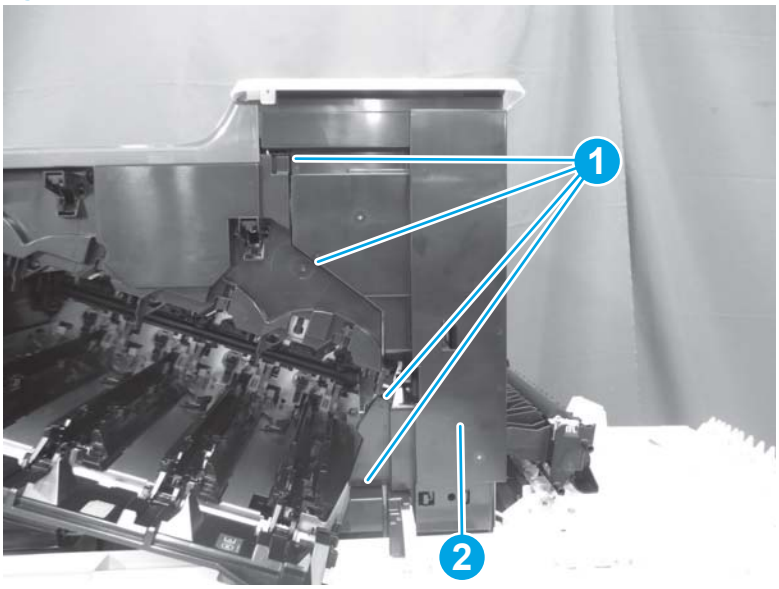
Figure 1-1964 Release four tabs



2. At the front of the printer, release four bosses (callout 1), and then remove the front right inner cover (callout 2).

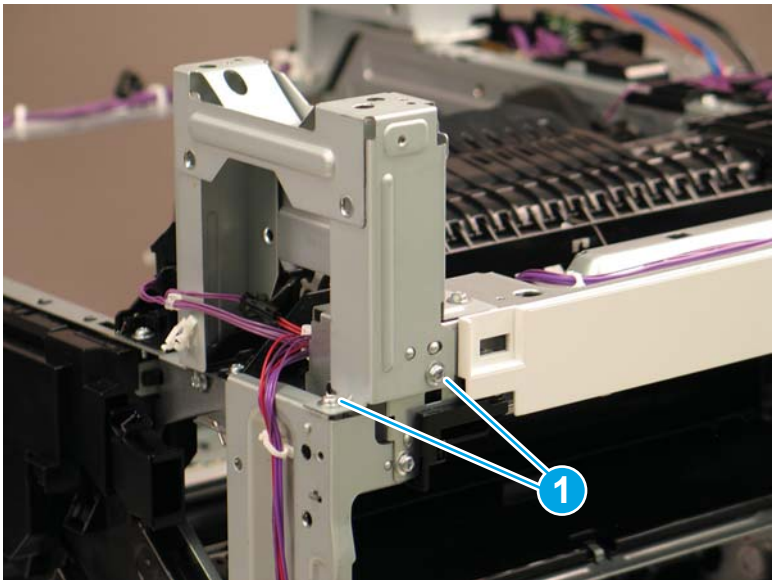
TIP: Push on the back side of the cover for easy release.

Figure 1-1965 Remove the front right inner cover



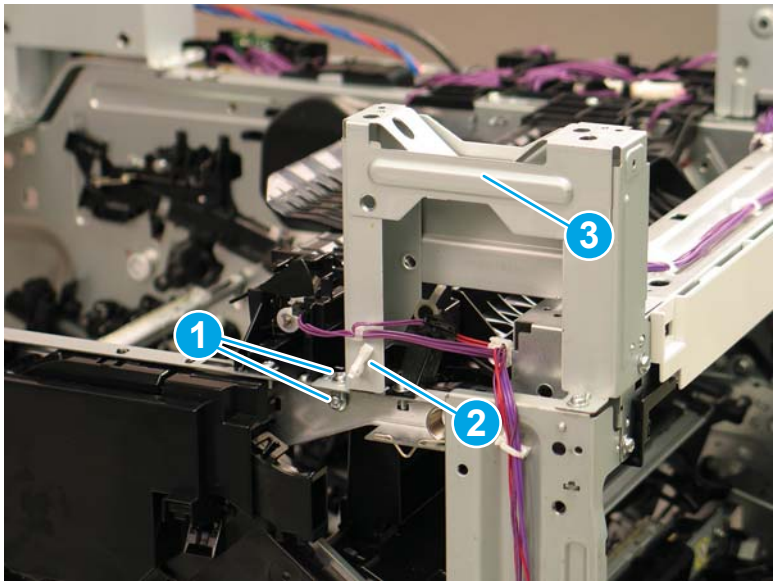
3. Remove two screws (callout 1).

Figure 1-1966 Remove two screws



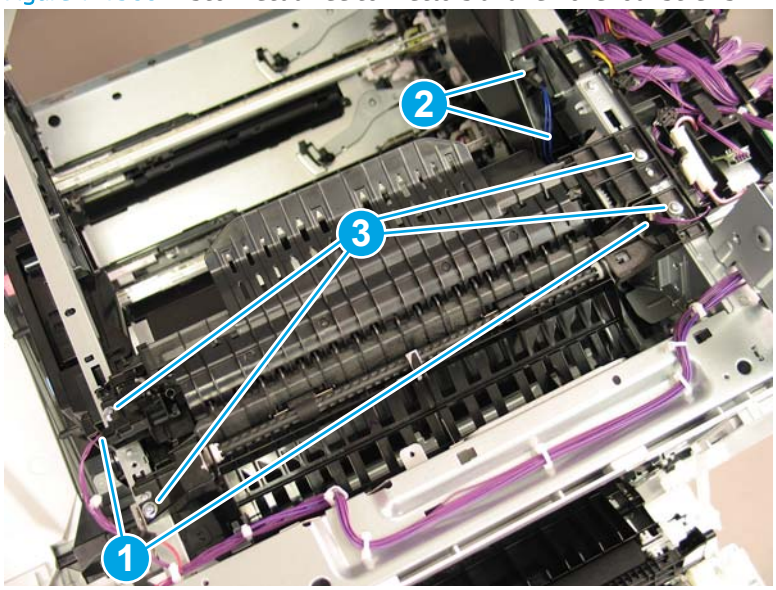
4. Remove two screws (callout 1), release the cables from one retainer (callout 2), and then remove the metal bracket (callout 3).

Figure 1-1967 Remove two screws and the metal bracket



5. Disconnect two connectors (callout 1). Disconnect one connector and remove the cable from the guide (callout 2). Remove four screws (callout 3), and then slide the delivery assembly to the left to remove it.

Figure 1-1968 Disconnect three connectors and remove four screws



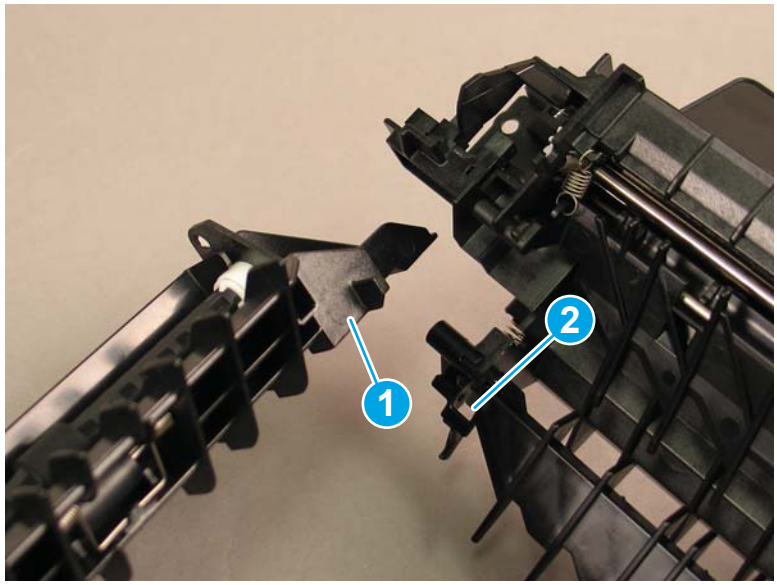
6. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Delivery assembly (M681/M682/E67550/E67560/E67650/E67660)

a. The delivery assembly is actually a three-piece unit. If the parts become separated after removing, follow these instructions to reassemble them:

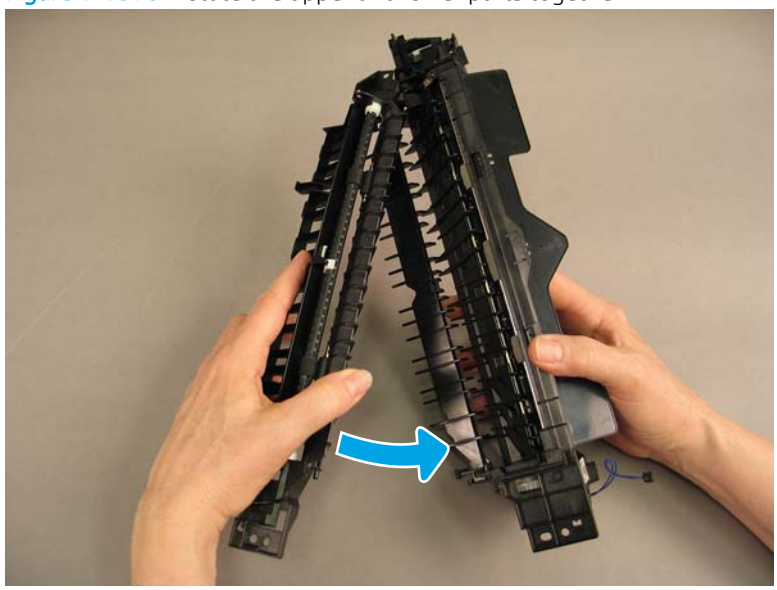
   i. Position the tab (callout 1) on the end of the lower portion in the slot (callout 2) on the end of the upper portion.

Figure 1-1969 Position the tab



ii. Rotate the ends of the upper and lower parts together.

Figure 1-1970 Rotate the upper and lower parts together



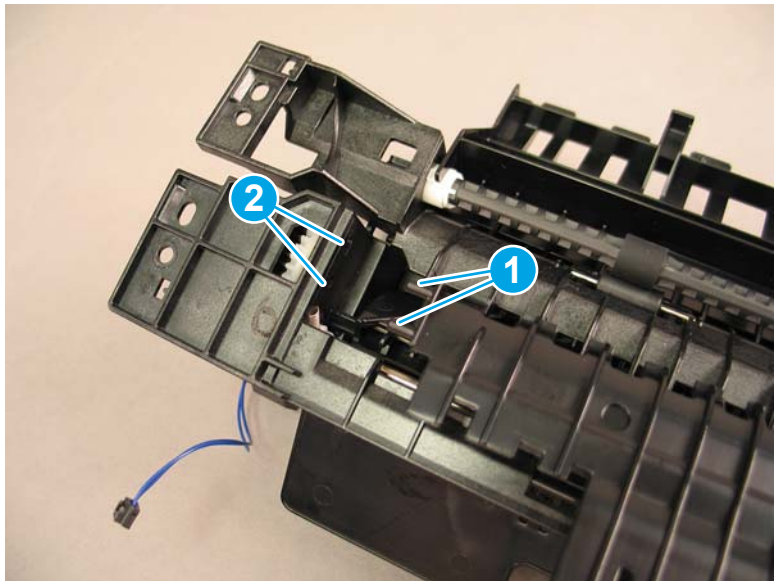
iii. Install the tab on the lower part into the slot on the upper part to join the parts together.

Figure 1-1971 Connect the upper and lower parts



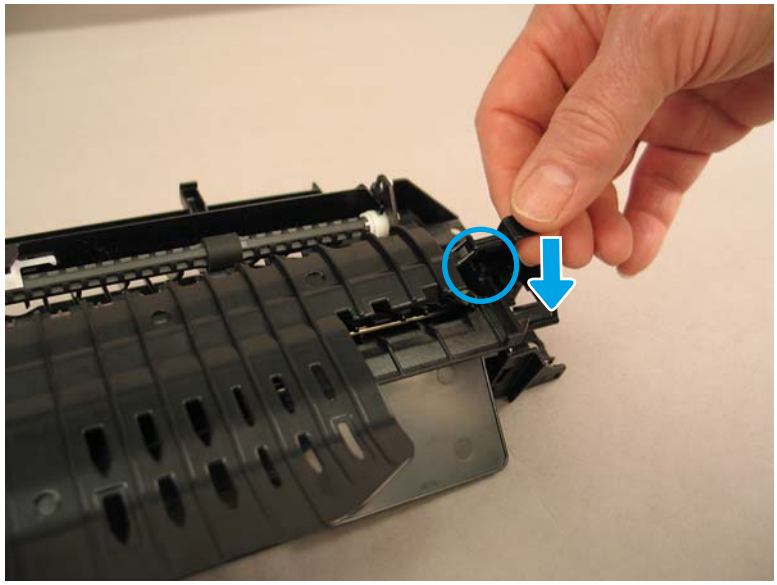
iv. Install the tabs (callout 1) on the lower shield into the slots (callout 2) in the delivery assembly.

Figure 1-1972 Install the tabs on the lower shield



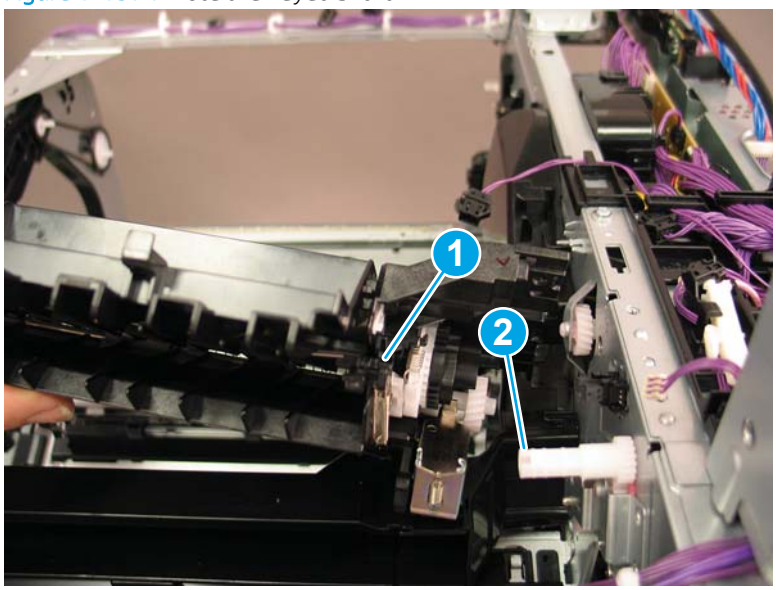
v. Lower the end of the lower shield into the slot in the delivery assembly.

Figure 1-1973 Lower the end



b. Before reinstalling the delivery assembly, note the keyed shaft (callout 1) on the delivery assembly that must be aligned to fi into the slot (callout 2) on the drive gear.

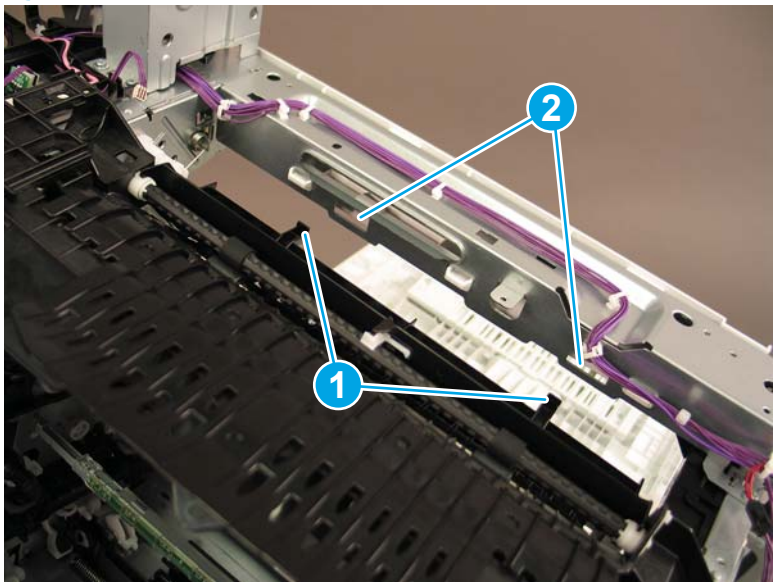
Figure 1-1974 Note the keyed shaft



c. Install the hooks on the delivery assembly (callout 1) into the slots (callout 2) in the sheet metal frame.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-1975 Install the hooks in the slots



Step 16: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Secondary transfer assembly

- Introduction
- Step 1: Remove the secondary transfer assembly
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the secondary transfer assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Secondary transfer assembly part number	
RM2-6682-000CN	Secondary transfer assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

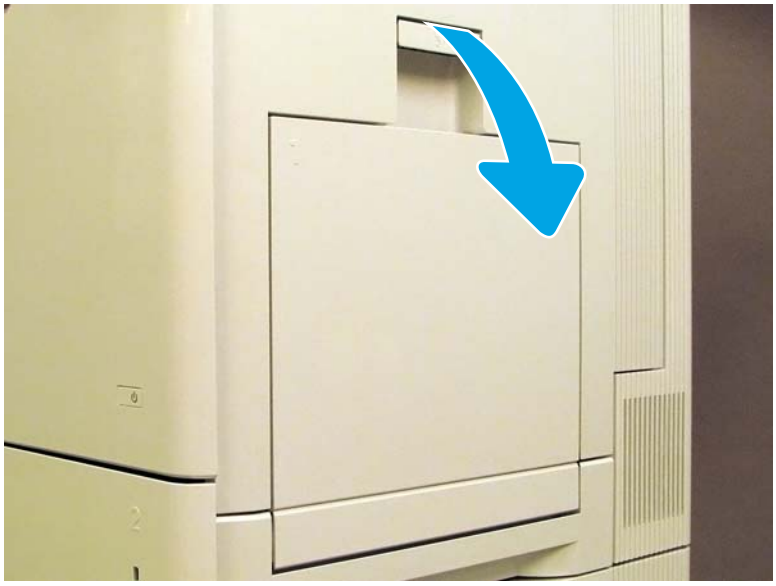
Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the secondary transfer assembly

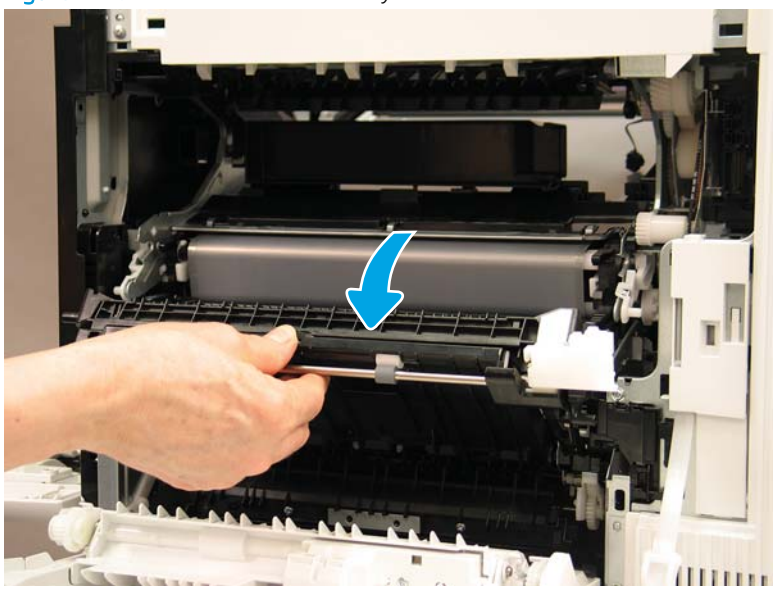
1. Open the right door.

Figure 1-1976 Open the right door



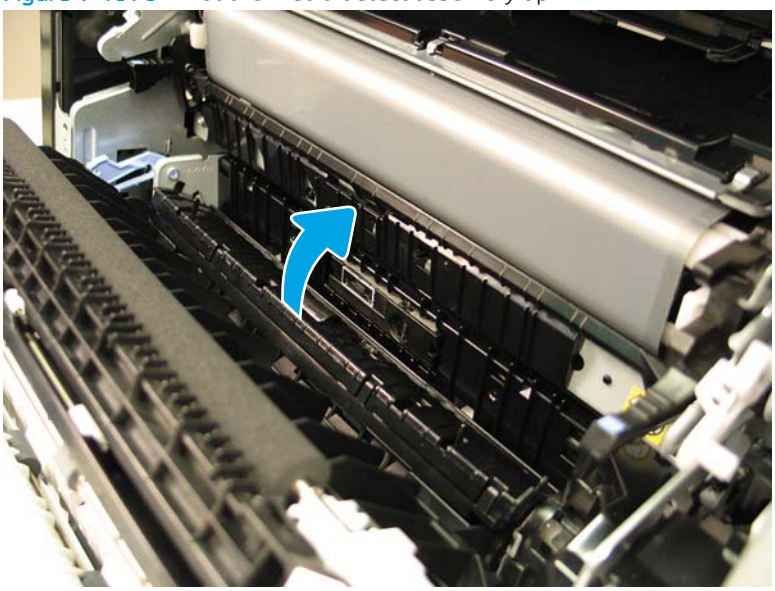
2. Lower the secondary transfer assembly to a 45° angle.

Figure 1-1977 Lower the secondary transfer



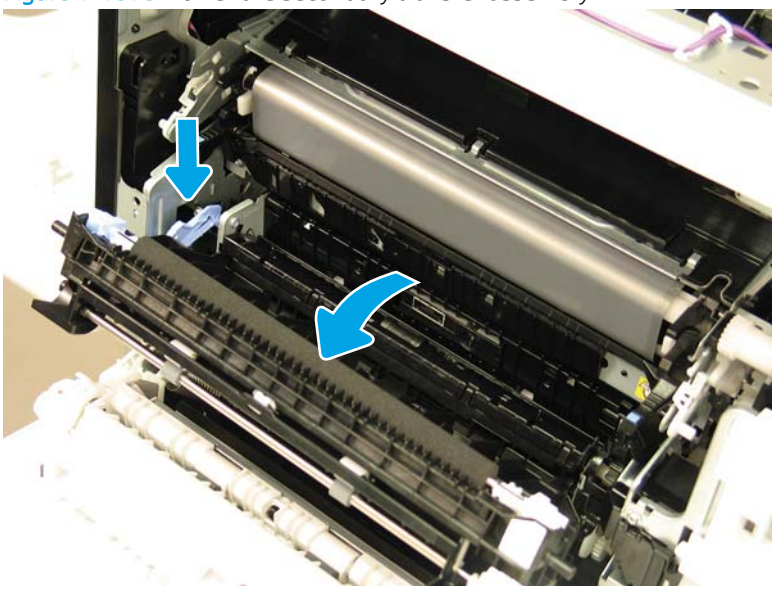
3. While holding the secondary transfer assembly, pivot the media detect assembly up and into the printer.

Figure 1-1978 Pivot the media detect assembly up



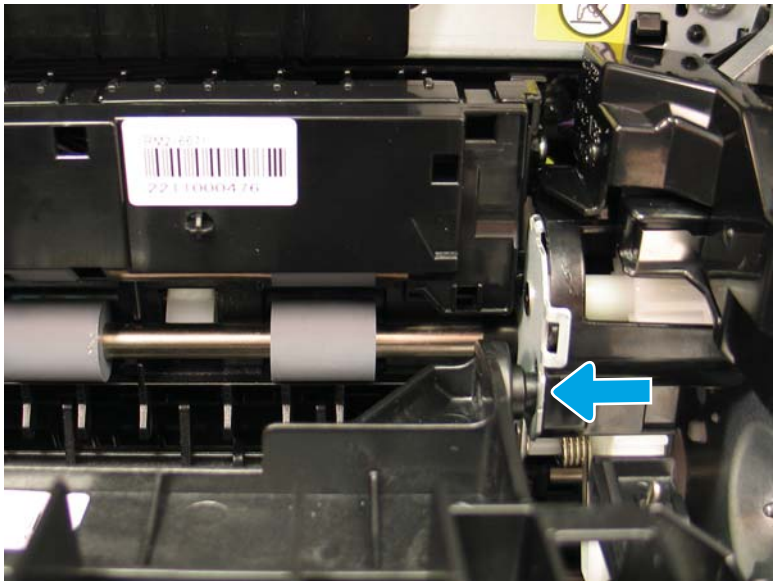
4. Lower the secondary transfer assembly and release it from the media detect assembly. Release the blue lever on the left, and then lower the secondary transfer assembly to the lowest position.

Figure 1-1979 Lower the secondary transfer assembly



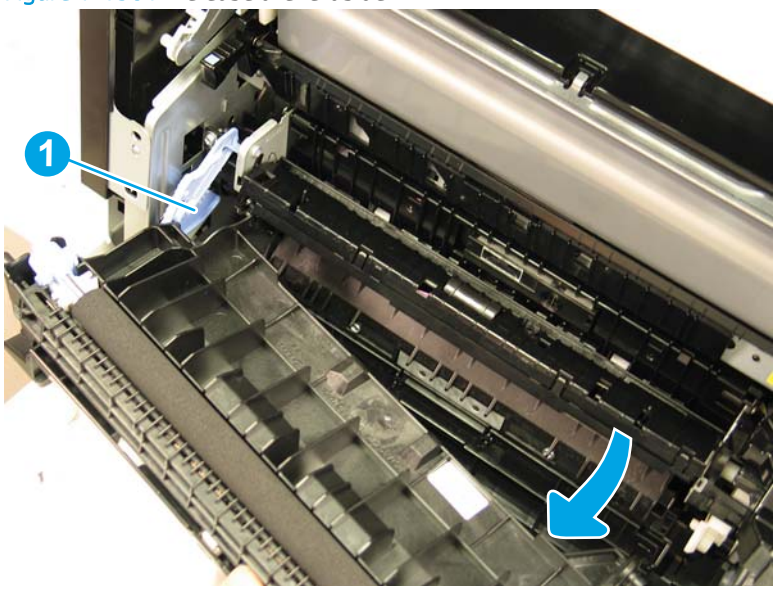
5. Release the right hinge by gently pushing left where the hinge attaches to the printer.

Figure 1-1980 Release the right hinge



6. Rotate the right side of the assembly away from the printer, and then release the left side of the assembly from the blue link arm (callout 1).

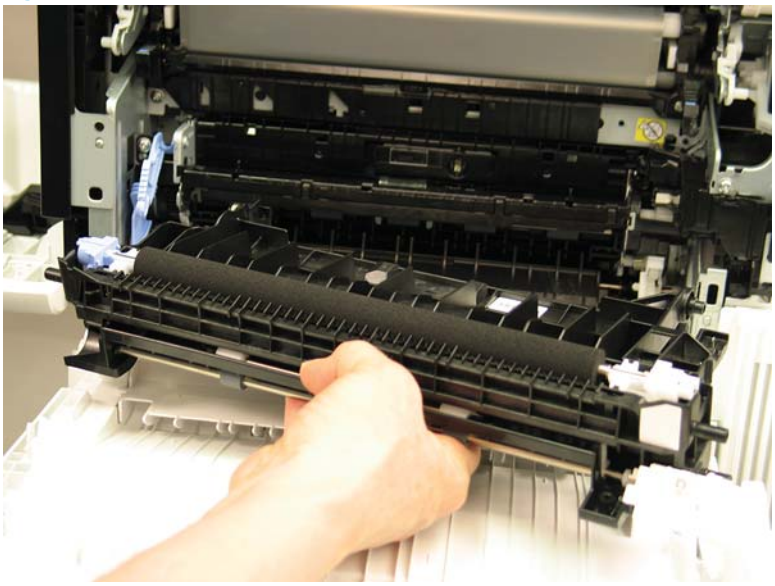
Figure 1-1981 Release the left side



7. Lift the secondary transfer assembly up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1982 Remove the secondary transfer assembly



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Registration assembly

- Introduction
- Step 1: Remove the secondary transfer assembly
- Step 2: Remove the formatter cover
- Step 3: Remove the left rear cover
- Step 4: Remove the rear cover
- Step 5: Remove the registration assembly
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the registration assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Registration assembly part number	
RM2-1957-000CN	Registration assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

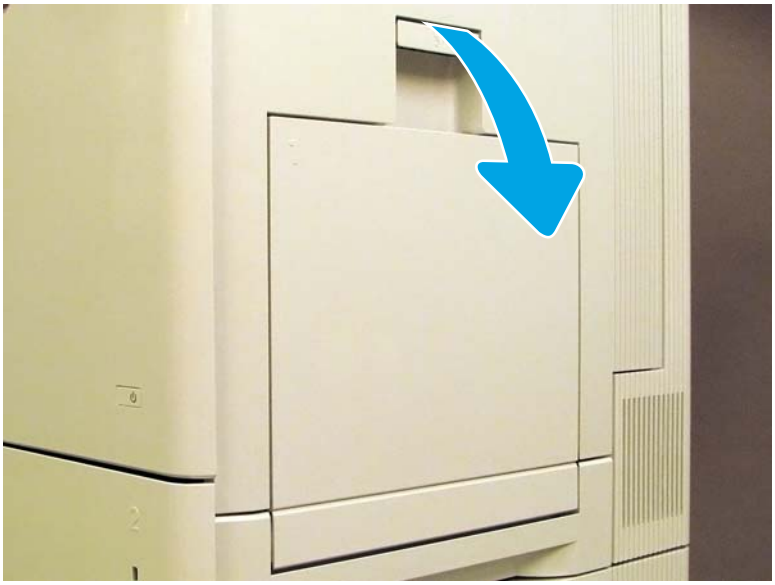
Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the secondary transfer assembly

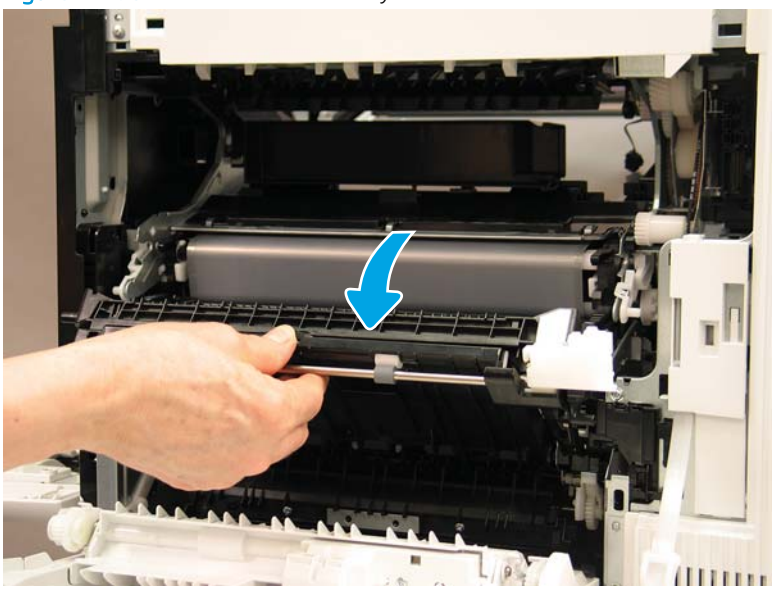
1. Open the right door.

Figure 1-1983 Open the right door



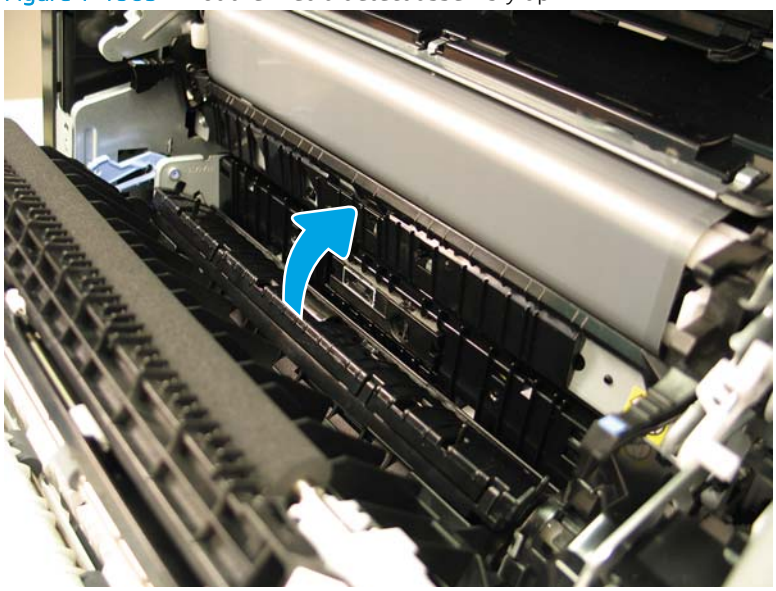
2. Lower the secondary transfer assembly to a 45° angle.

Figure 1-1984 Lower the secondary transfer



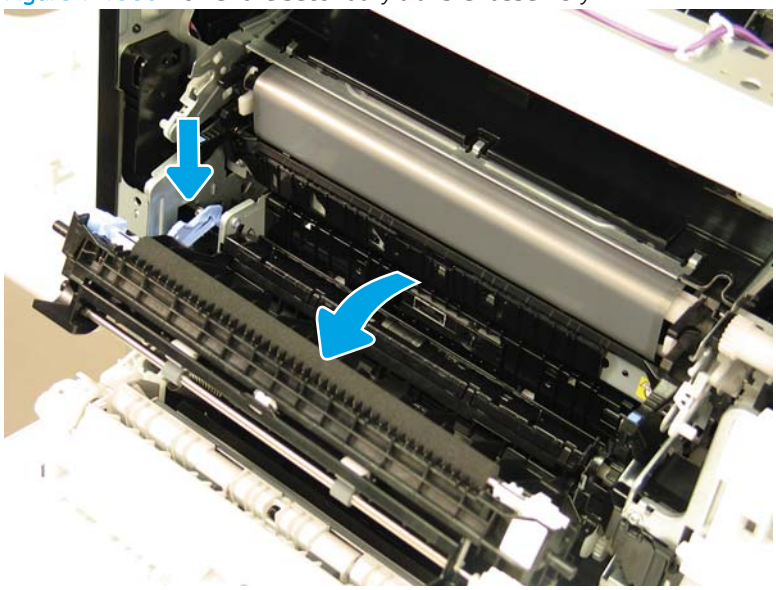
3. While holding the secondary transfer assembly, pivot the media detect assembly up and into the printer.

Figure 1-1985 Pivot the media detect assembly up



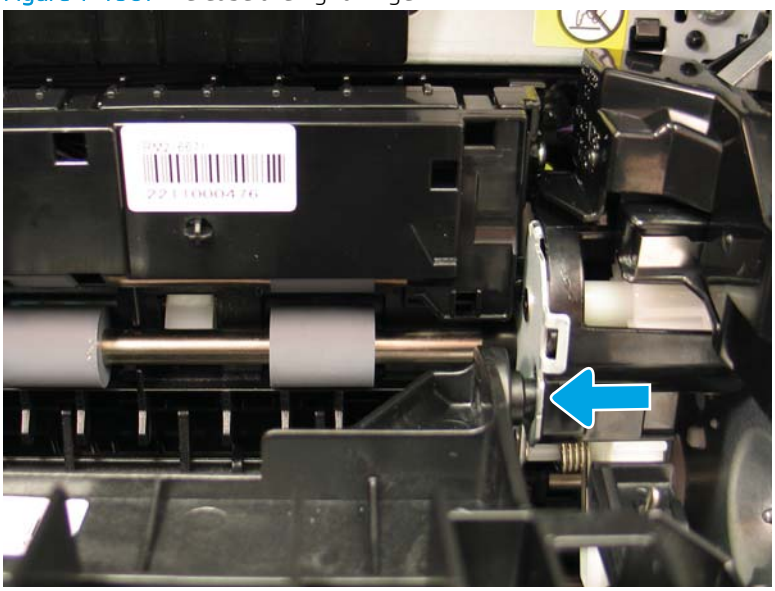
4. Lower the secondary transfer assembly and release it from the media detect assembly. Release the blue lever on the left, and then lower the secondary transfer assembly to the lowest position.

Figure 1-1986 Lower the secondary transfer assembly



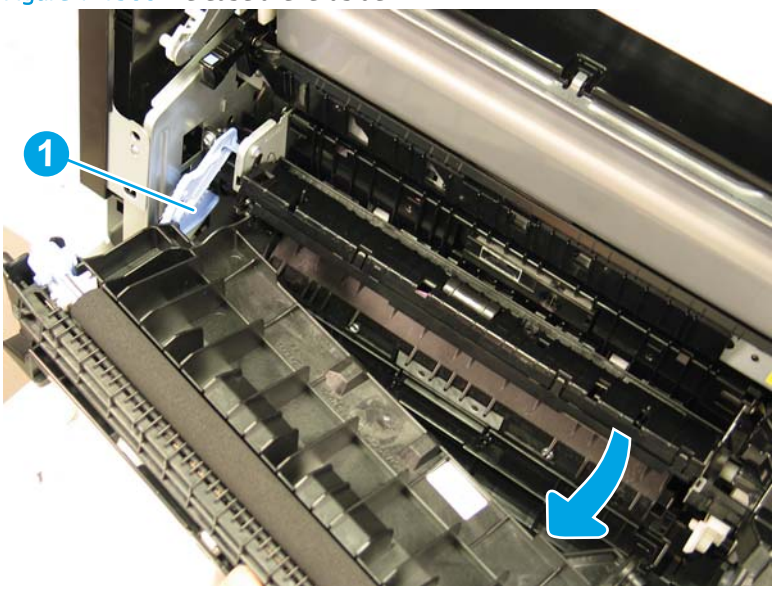
5. Release the right hinge by gently pushing left where the hinge attaches to the printer.

Figure 1-1987 Release the right hinge



6. Rotate the right side of the assembly away from the printer, and then release the left side of the assembly from the blue link arm (callout 1).

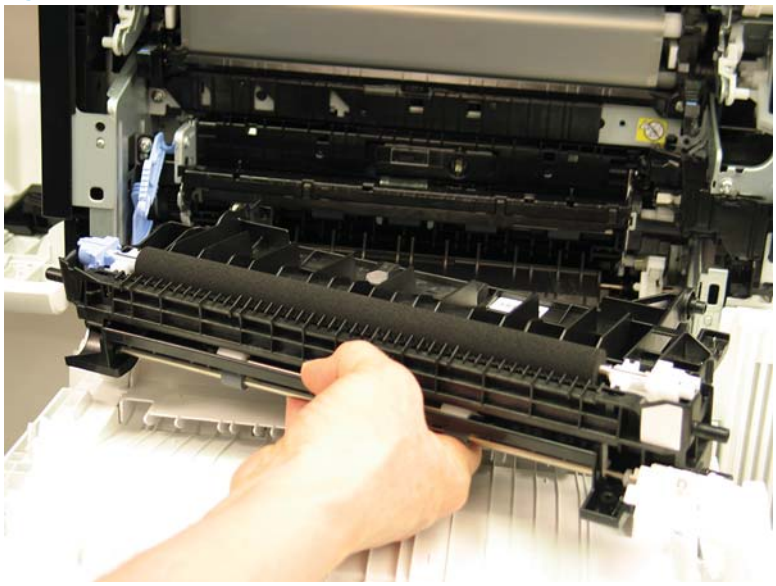
Figure 1-1988 Release the left side



7. Lift the secondary transfer assembly up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-1989 Remove the secondary transfer assembly

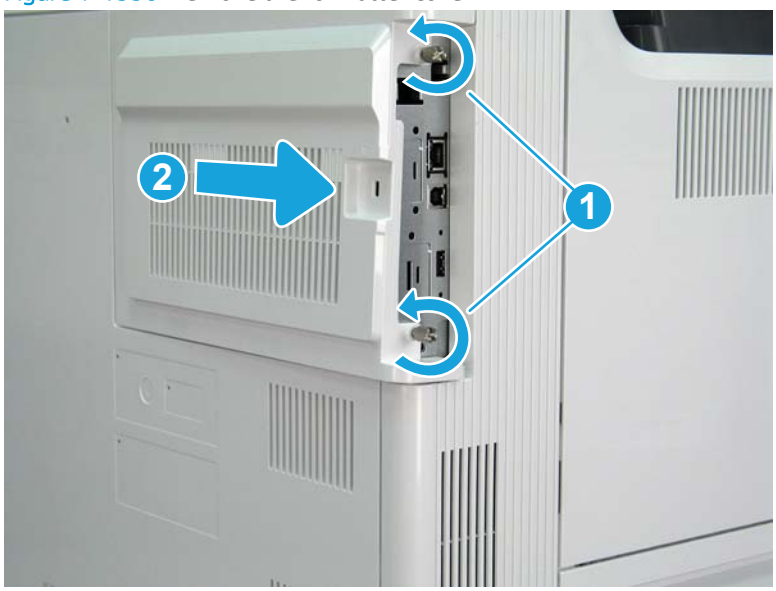


Step 2: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

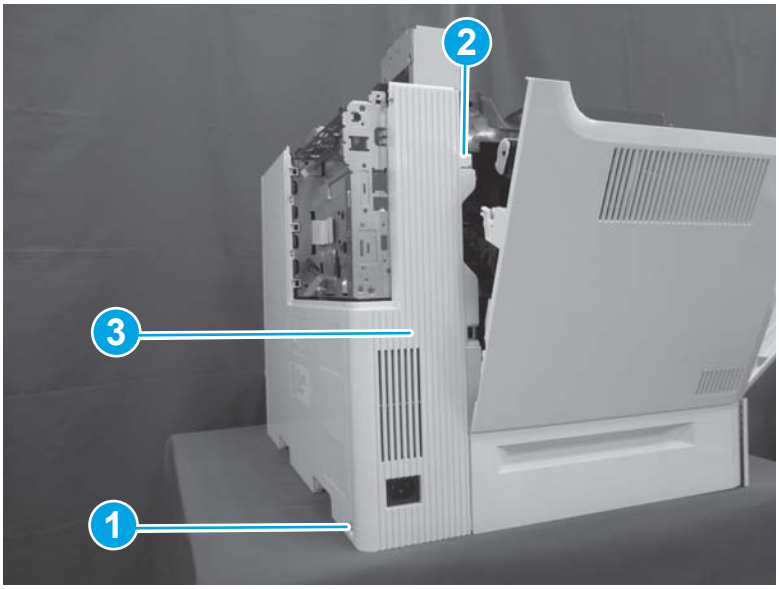
Figure 1-1990 Remove the formatter cover



Step 3: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-1991 Remove the left rear cover



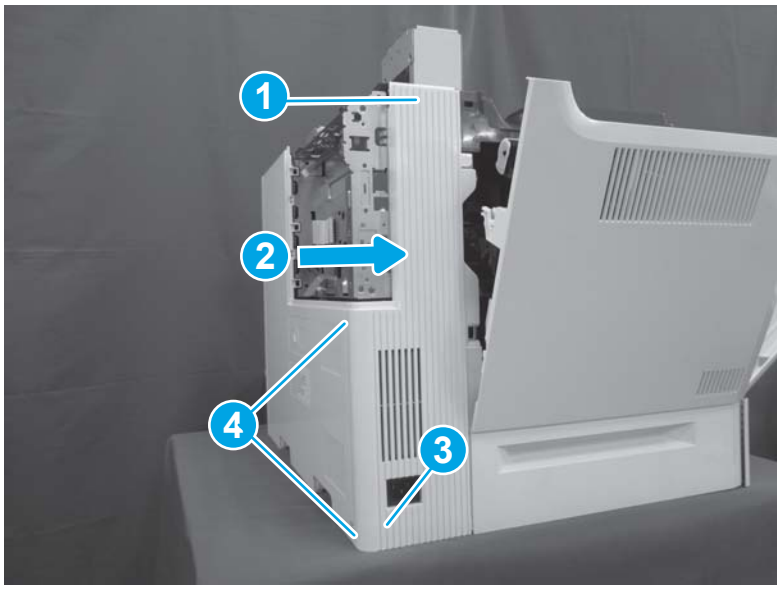
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-1992 Install the left rear cover

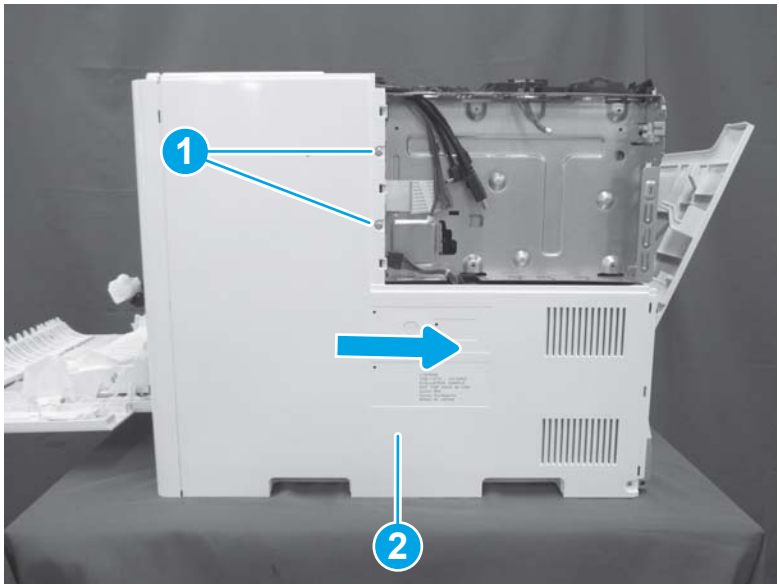


Step 4: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

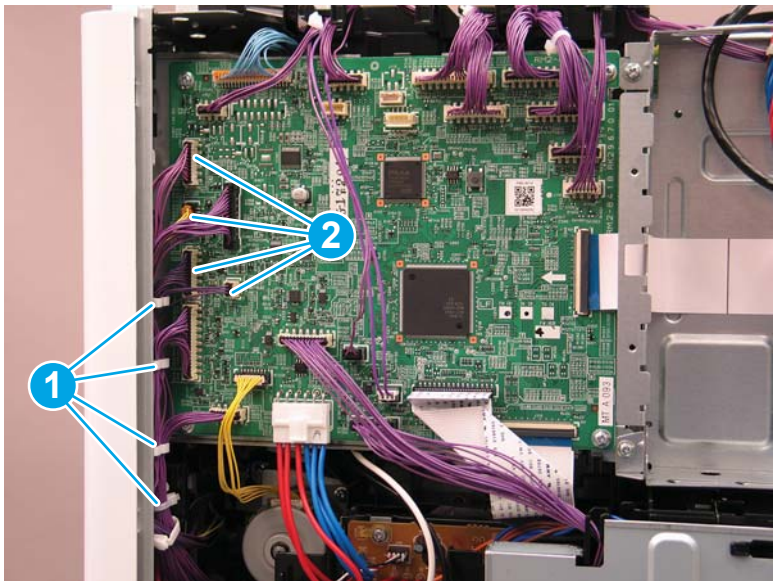
Figure 1-1993 Remove two screws and the rear cover



Step 5: Remove the registration assembly

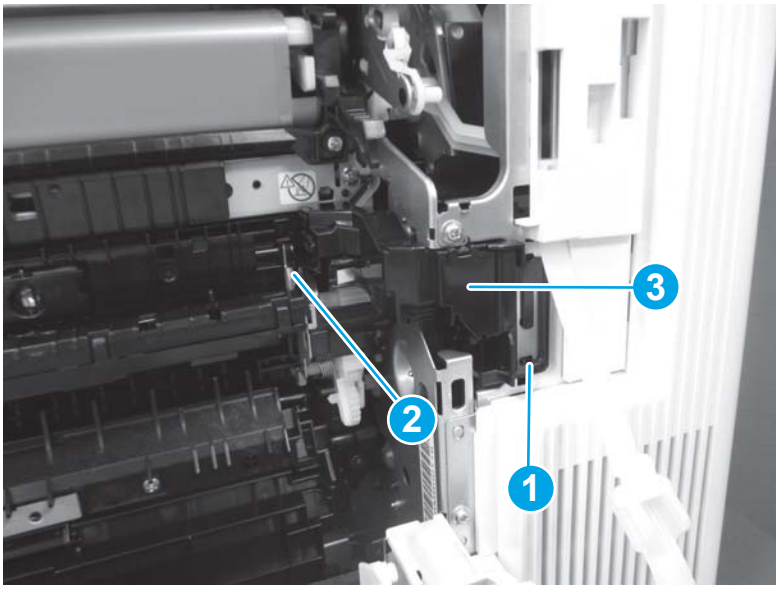
1. Release the cables from four retainers (callout 1), and then disconnect four connectors (callout 2).

Figure 1-1994 Disconnect four connectors



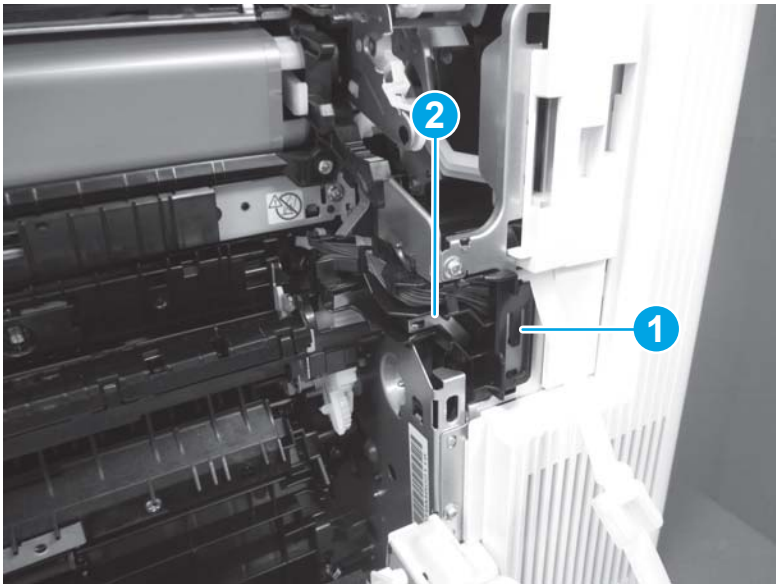
2. Release one tab (callout 1), release one boss (callout 2), and then remove the connector cover (callout 3).

Figure 1-1995 Remove the connector cover



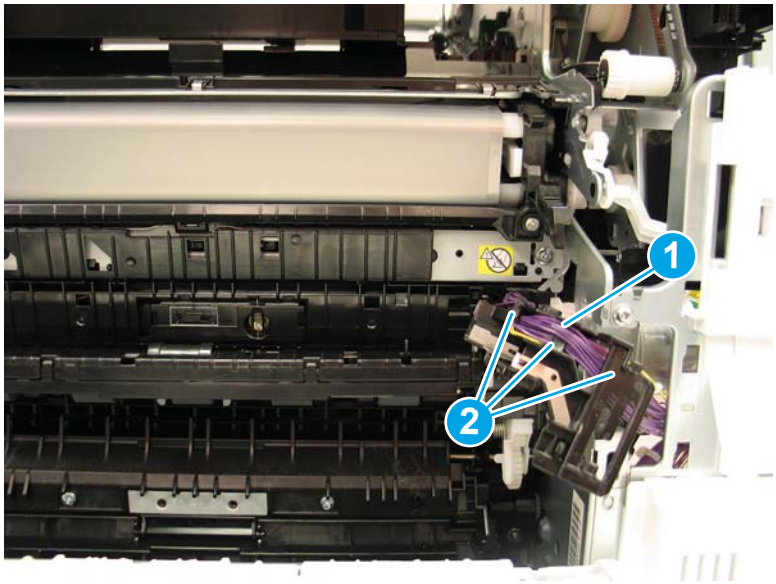
3. Release one tab (callout 1), and then slide the cable guide (callout 2) down to release it.

Figure 1-1996 Release the cable guide



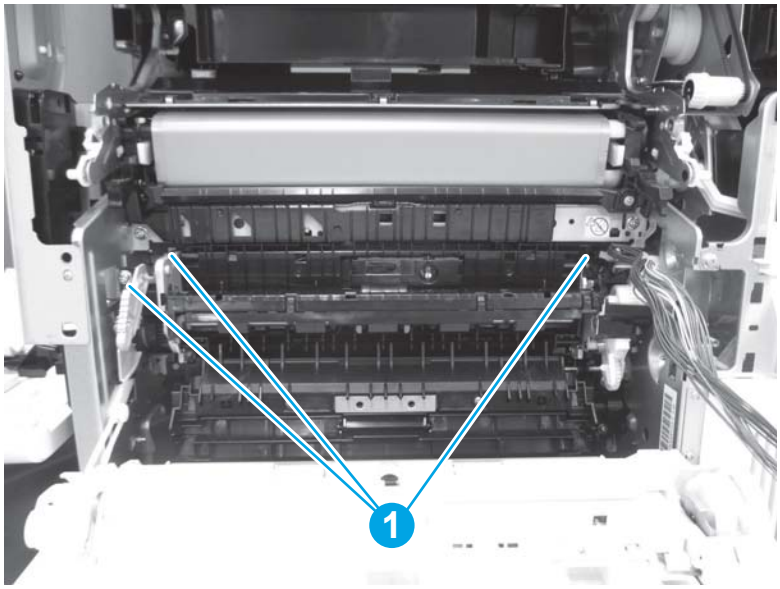
4. Release the cable (callout 1) from the cable guide (callout 2).

Figure 1-1997 Remove the cable guide



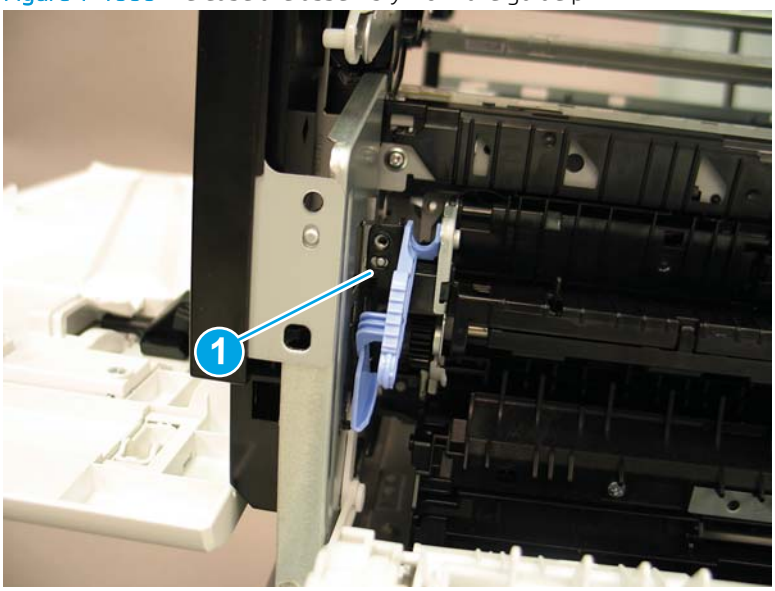
5. Remove three screws (callout 1).

Figure 1-1998 Remove three screws



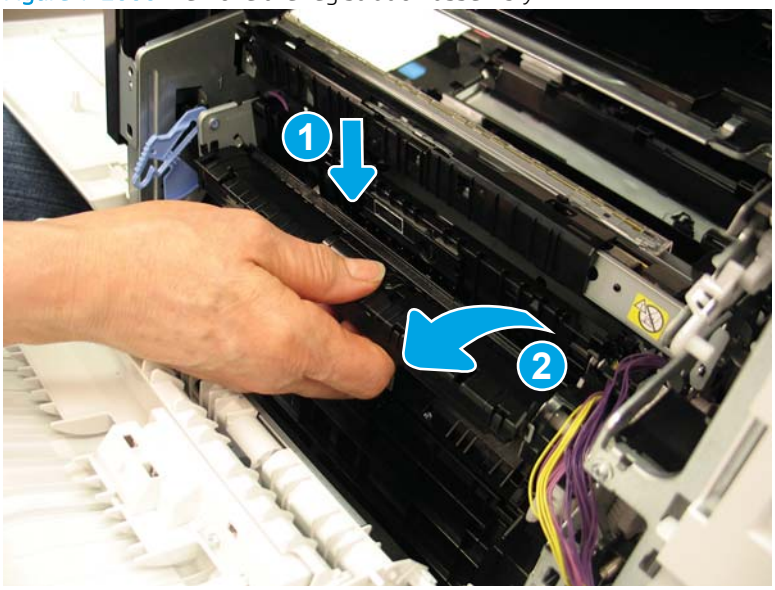
6. Release the assembly from the guide pin (callout 1) on the left side of the assembly.

Figure 1-1999 Release the assembly from the guide pin



7. Press downward on the left side of the assembly (callout 1), and then rotate the assembly away from the printer (callout 2) to release the hooks that go through the sheet metal on the back of the assembly. Remove the registration assembly.

Figure 1-2000 Remove the registration assembly

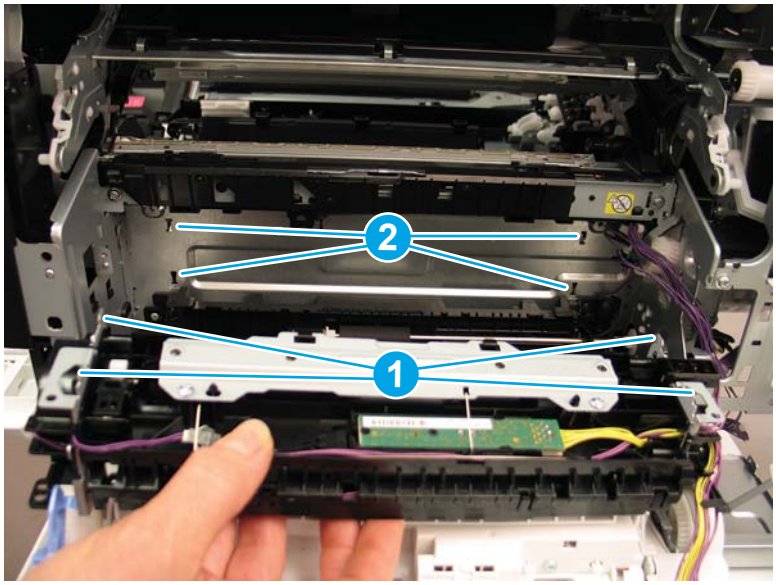


8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Registration assembly

a. Install the tabs (callout 1) on the registration assembly into the slots (callout 2) in the printer.

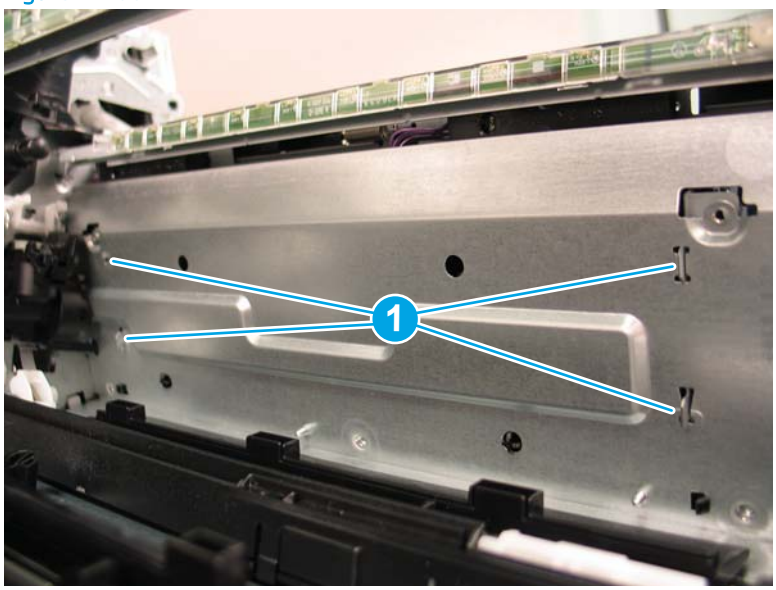
Figure 1-2001 Install the tabs in the slots



b. Look inside the printer and make sure that the tabs (callout 1) are completely installed in the sheet metal before installing the screws.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-2002 Check the tabs



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Registration density sensor

- Introduction
- Step 1: Remove the secondary transfer assembly
- Step 2: Remove the formatter cover
- Step 3: Remove the left rear cover
- Step 4: Remove the rear cover
- Step 5: Remove the registration assembly
- Step 6: Remove the registration density sensor
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the registration density sensor.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Registration density sensor part number	
RM2-7160-000CN	Registration density sensor

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

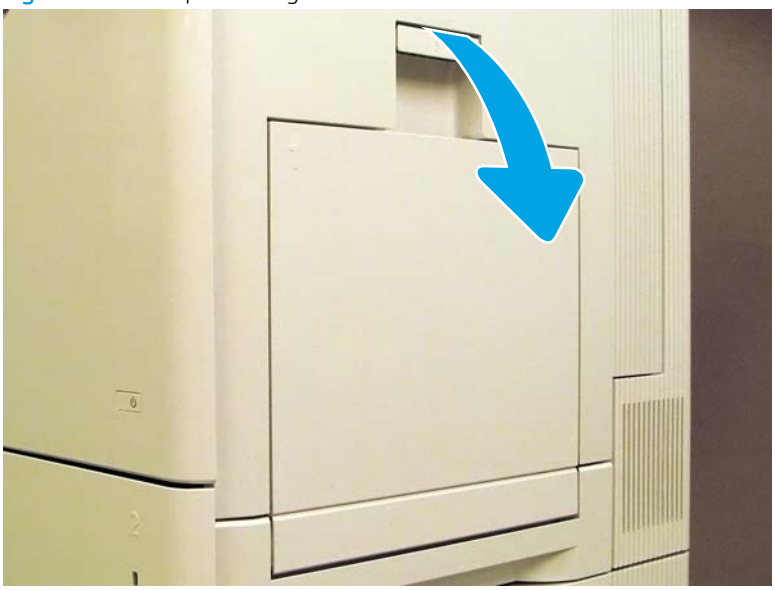
Make sure that the printer initializes to a **Ready** state.

Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the secondary transfer assembly

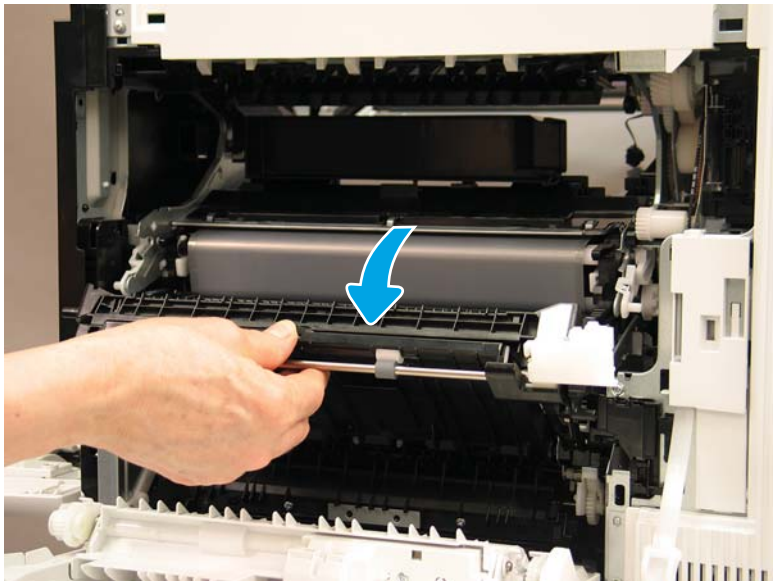
1. Open the right door.

Figure 1-2003 Open the right door



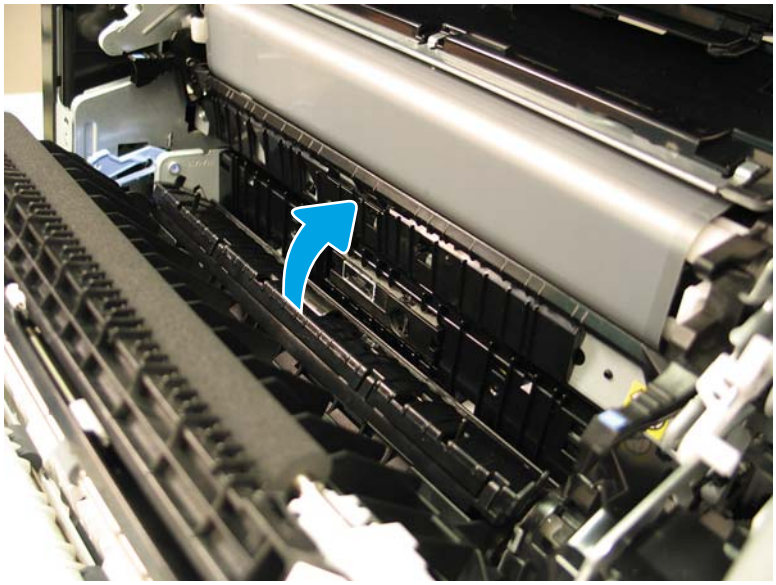
2. Lower the secondary transfer assembly to a 45° angle.

Figure 1-2004 Lower the secondary transfer



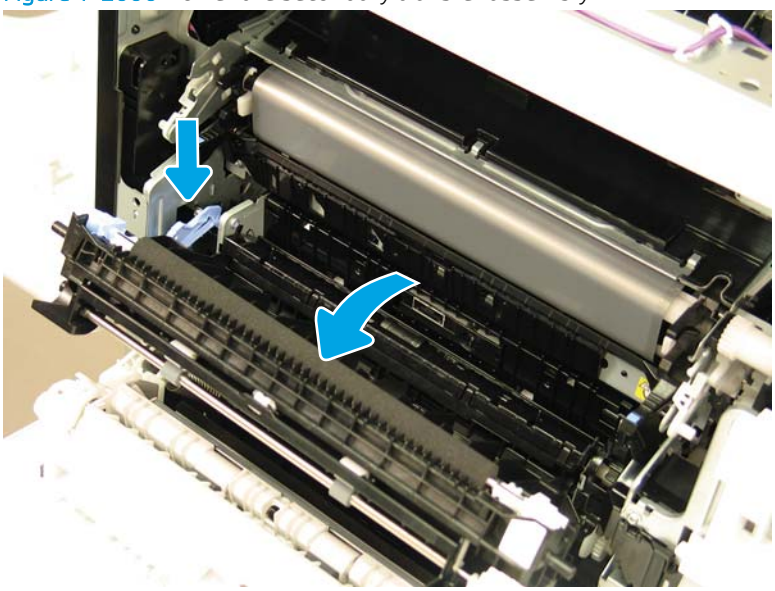
3. While holding the secondary transfer assembly, pivot the media detect assembly up and into the printer.

Figure 1-2005 Pivot the media detect assembly up



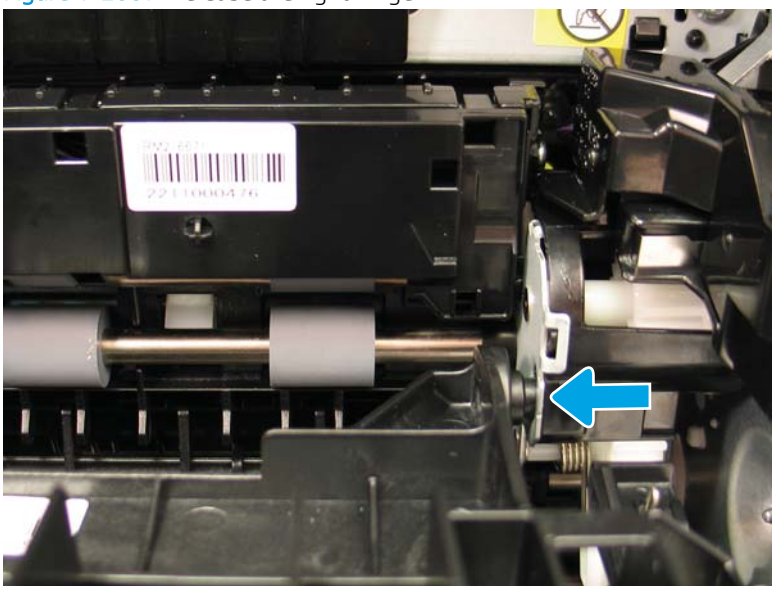
4. Lower the secondary transfer assembly and release it from the media detect assembly. Release the blue lever on the left, and then lower the secondary transfer assembly to the lowest position.

Figure 1-2006 Lower the secondary transfer assembly



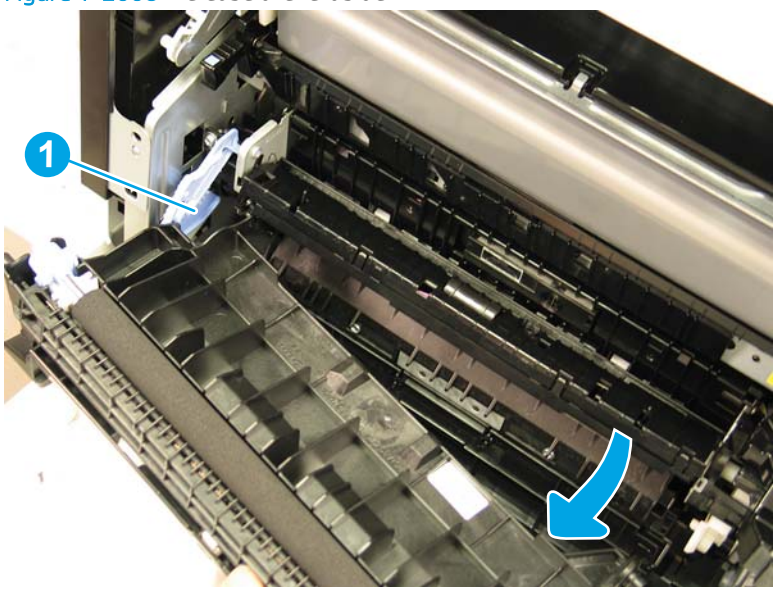
5. Release the right hinge by gently pushing left where the hinge attaches to the printer.

Figure 1-2007 Release the right hinge



6. Rotate the right side of the assembly away from the printer, and then release the left side of the assembly from the blue link arm (callout 1).

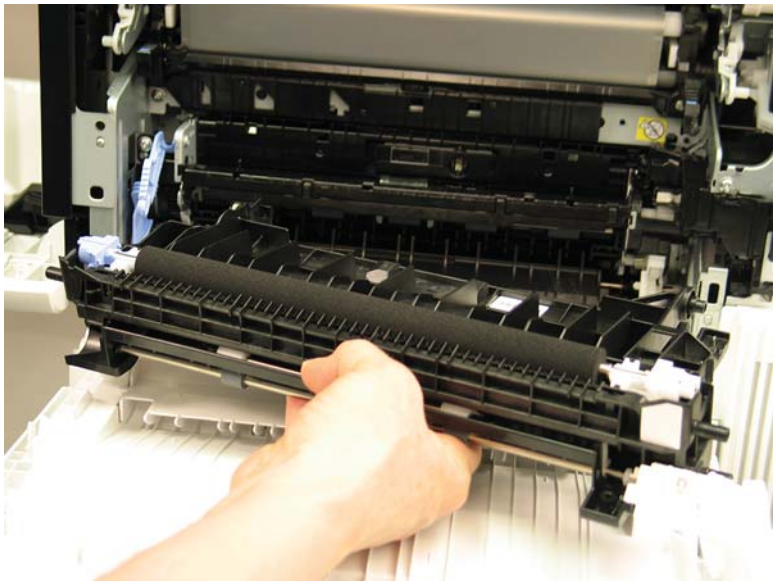
Figure 1-2008 Release the left side



7. Lift the secondary transfer assembly up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2009 Remove the secondary transfer assembly

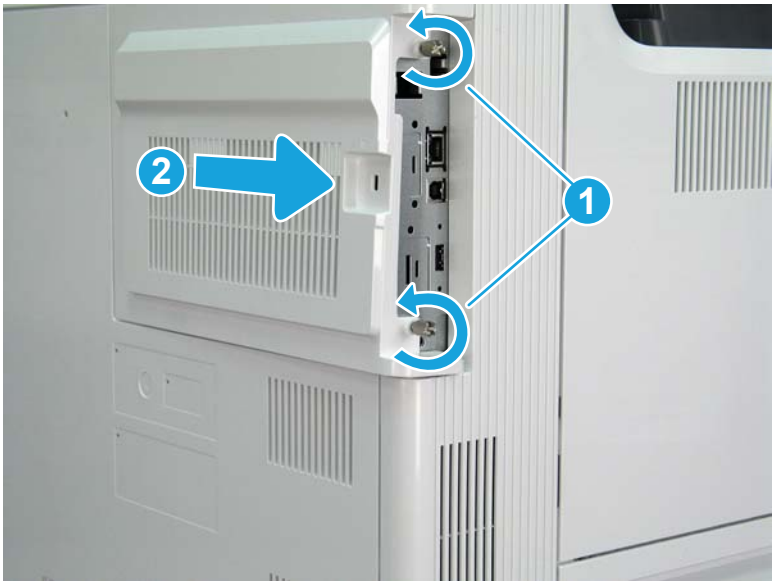


Step 2: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

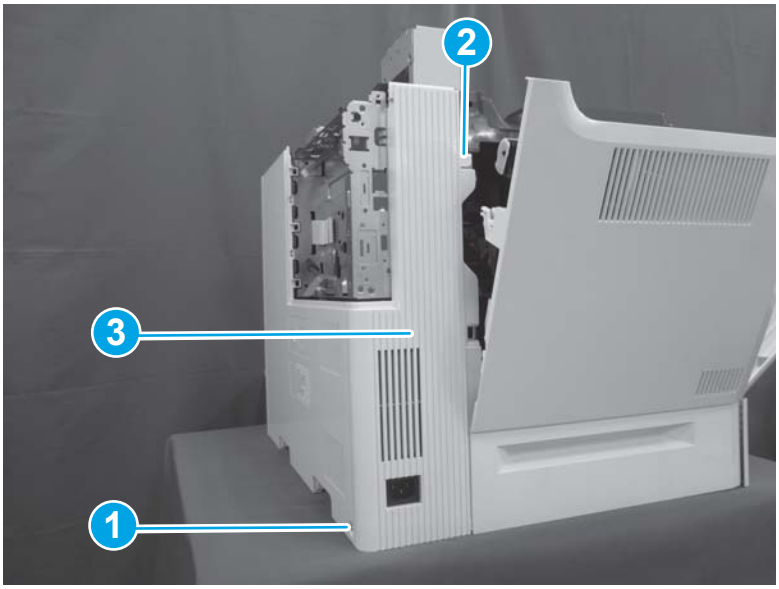
Figure 1-2010 Remove the formatter cover



Step 3: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-2011 Remove the left rear cover



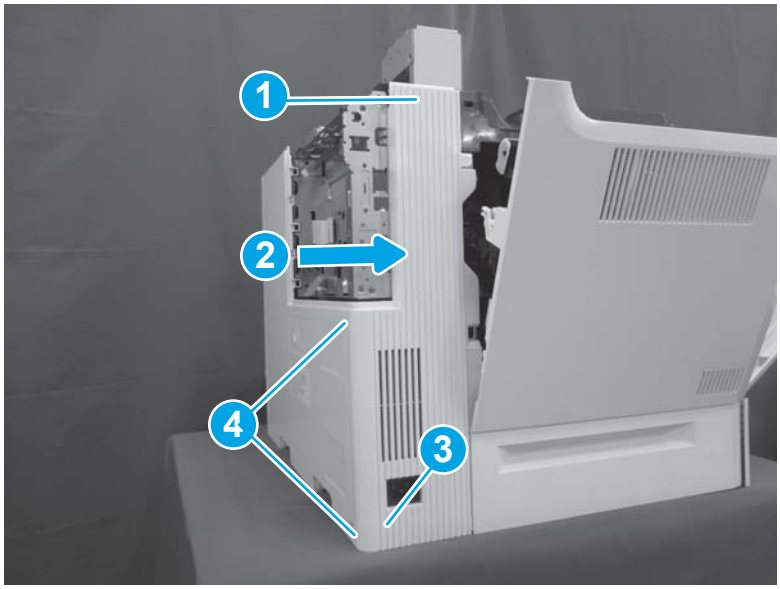
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-2012 Install the left rear cover

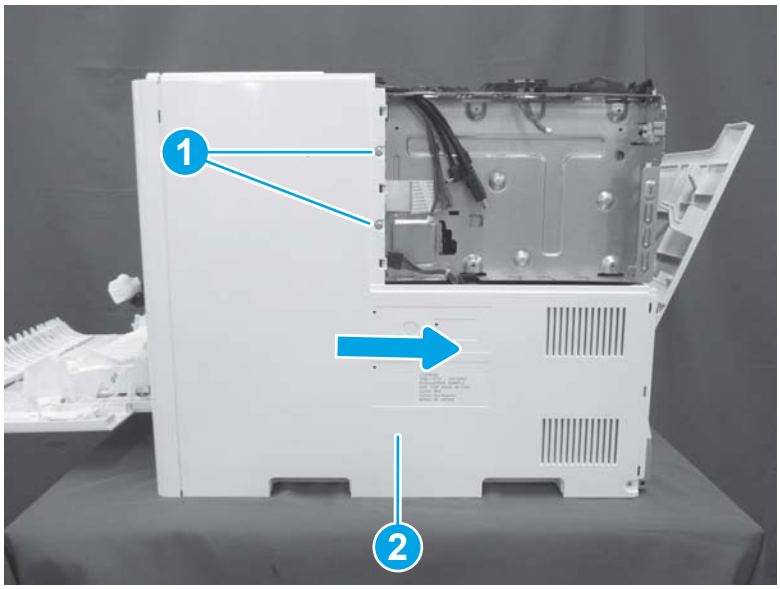


Step 4: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

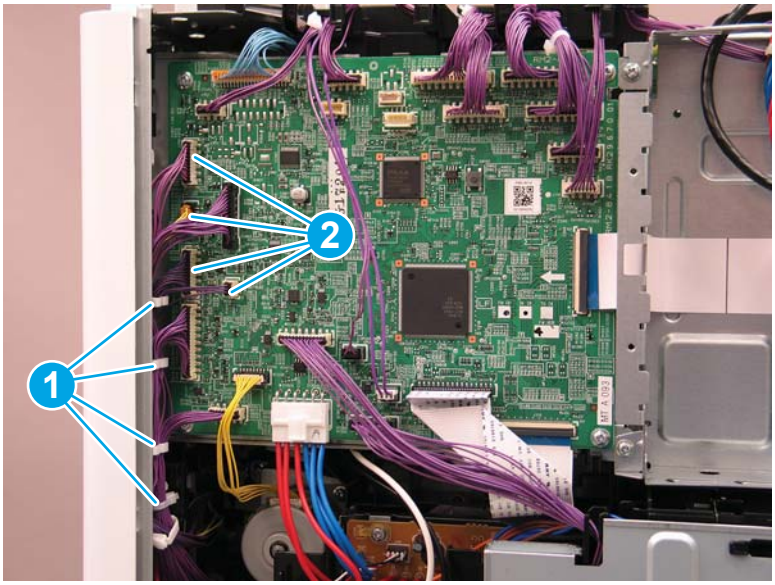
Figure 1-2013 Remove two screws and the rear cover



Step 5: Remove the registration assembly

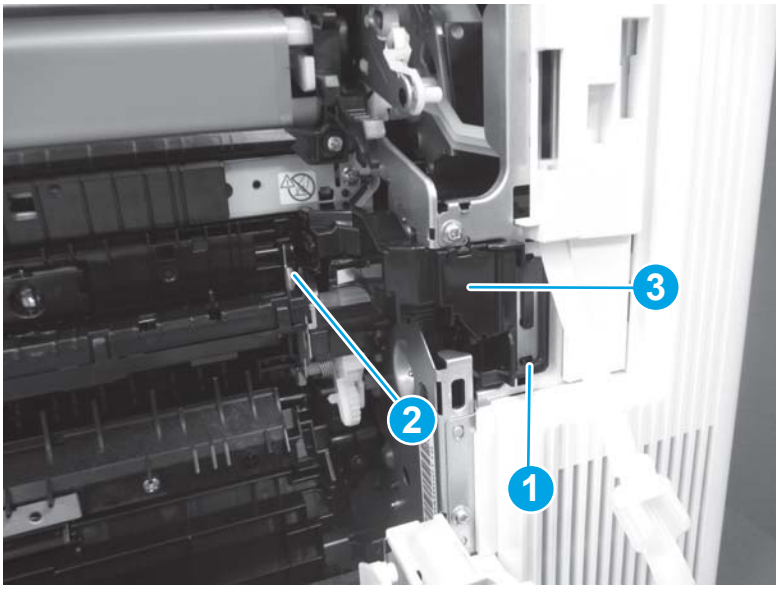
1. Release the cables from four retainers (callout 1), and then disconnect four connectors (callout 2).

Figure 1-2014 Disconnect four connectors



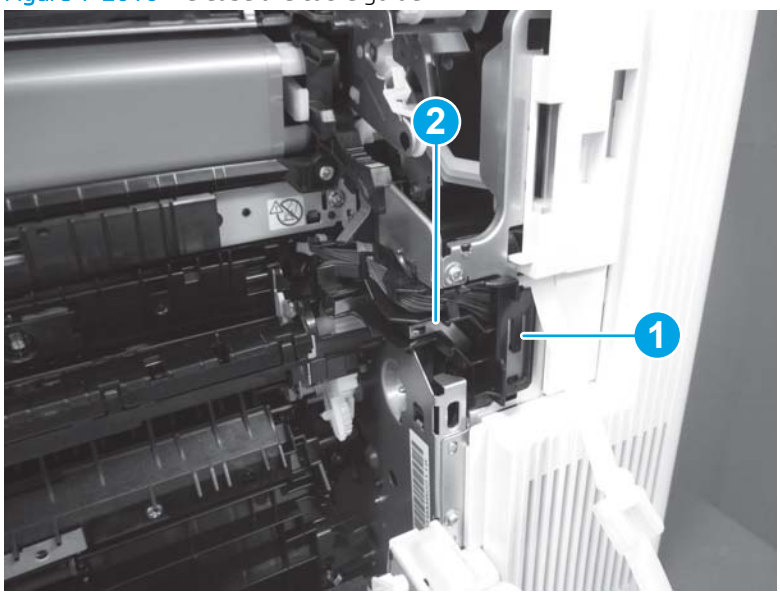
2. Release one tab (callout 1), release one boss (callout 2), and then remove the connector cover (callout 3).

Figure 1-2015 Remove the connector cover



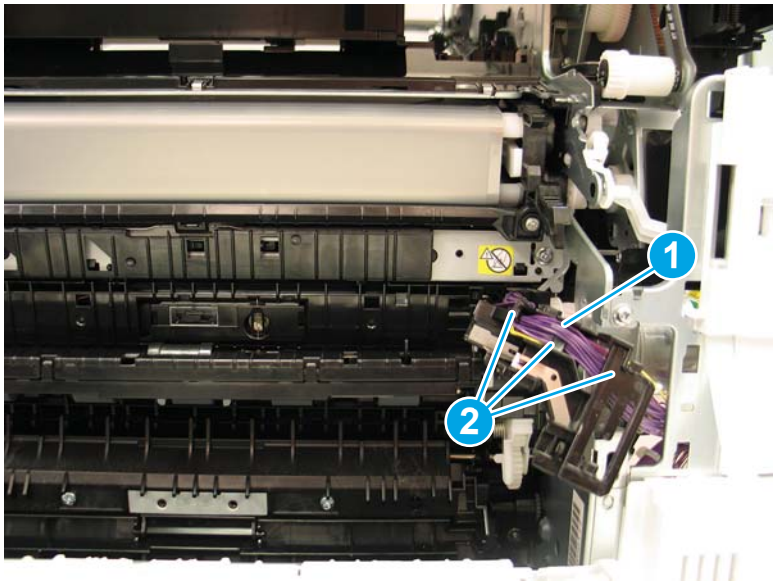
3. Release one tab (callout 1), and then slide the cable guide (callout 2) down to release it.

Figure 1-2016 Release the cable guide



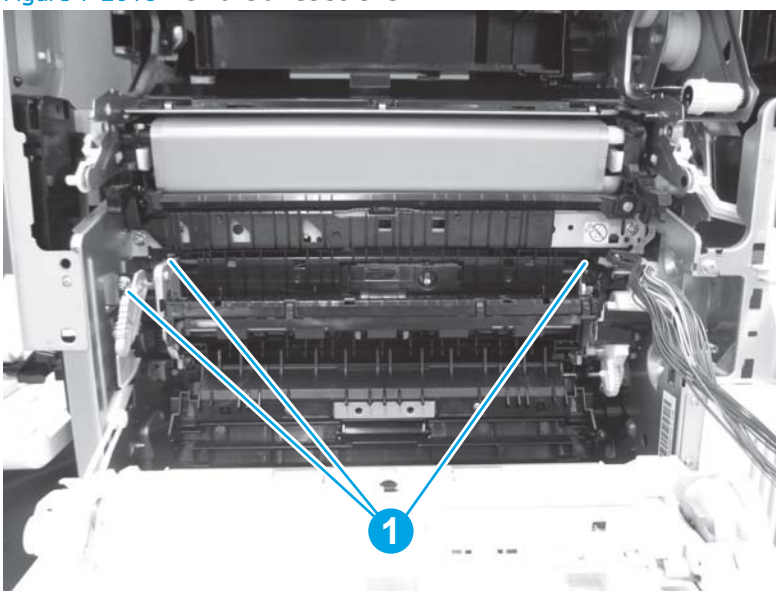
4. Release the cable (callout 1) from the cable guide (callout 2).

Figure 1-2017 Remove the cable guide



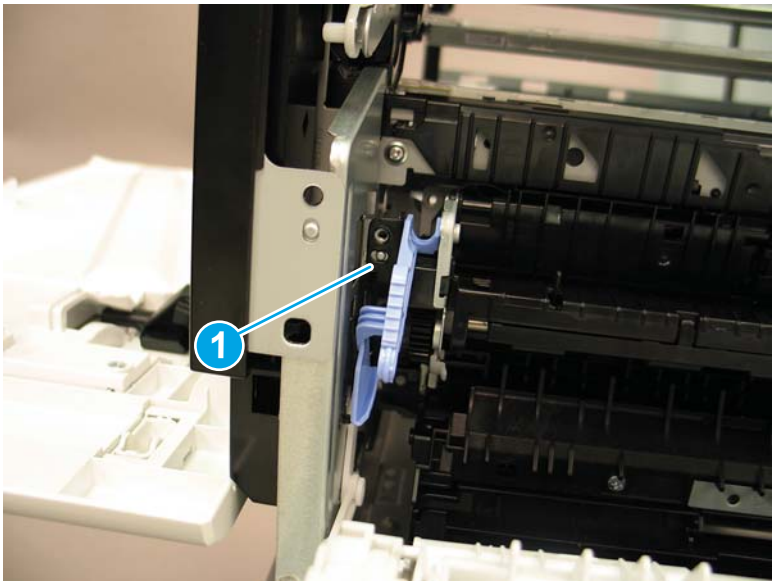
5. Remove three screws (callout 1).

Figure 1-2018 Remove three screws



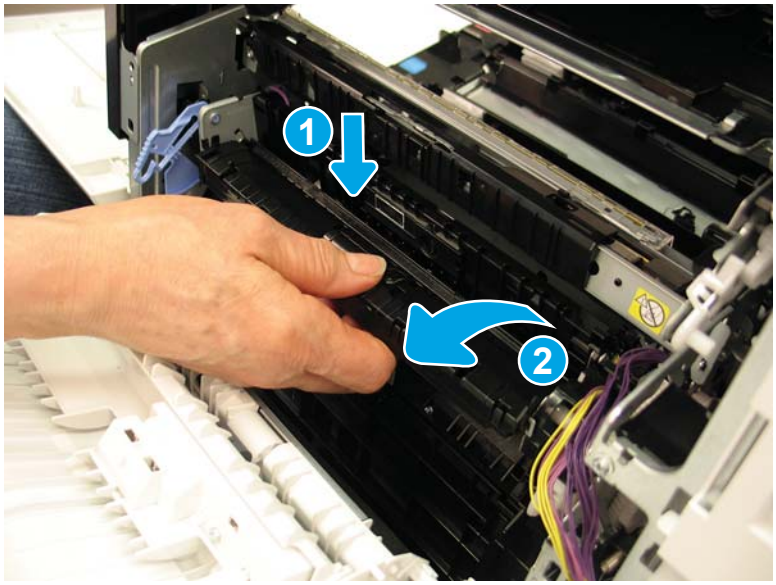
6. Release the assembly from the guide pin (callout 1) on the left side of the assembly.

Figure 1-2019 Release the assembly from the guide pin



7. Press downward on the left side of the assembly (callout 1), and then rotate the assembly away from the printer (callout 2) to release the hooks that go through the sheet metal on the back of the assembly. Remove the registration assembly.

Figure 1-2020 Remove the registration assembly

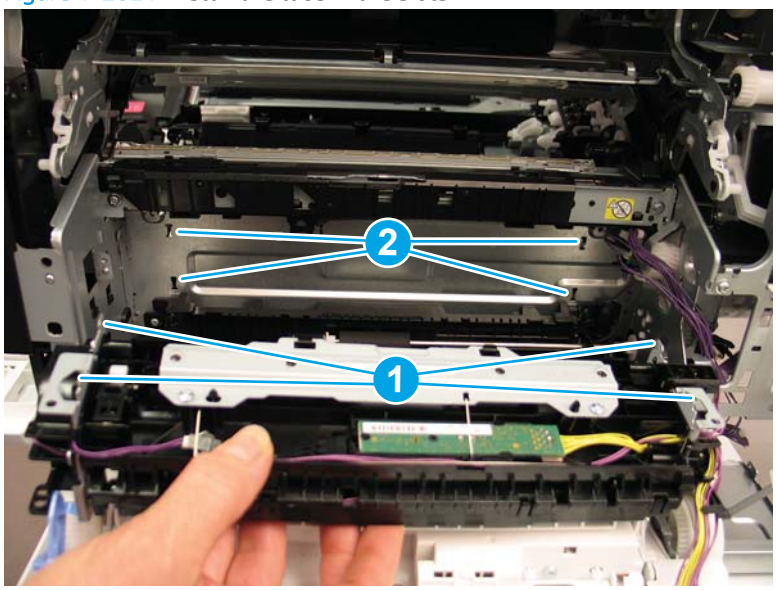


8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Registration assembly

a. Install the tabs (callout 1) on the registration assembly into the slots (callout 2) in the printer.

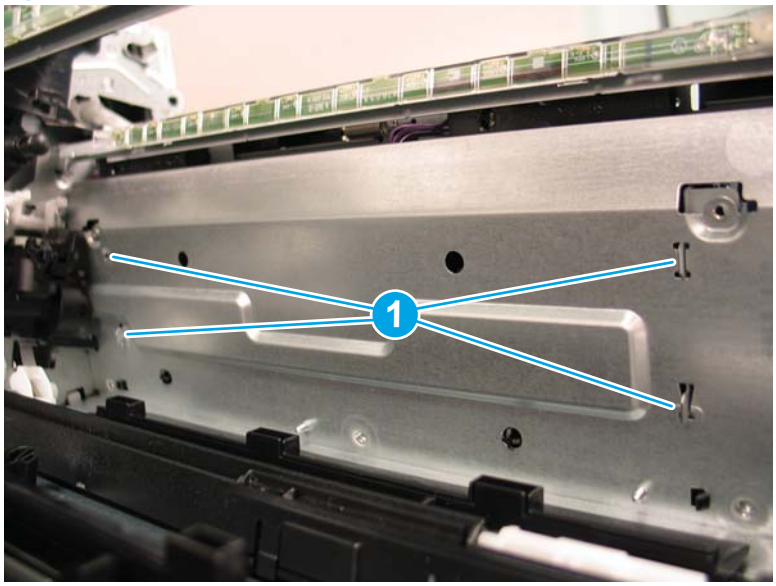
Figure 1-2021 Install the tabs in the slots



b. Look inside the printer and make sure that the tabs (callout 1) are completely installed in the sheet metal before installing the screws.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-2022 Check the tabs



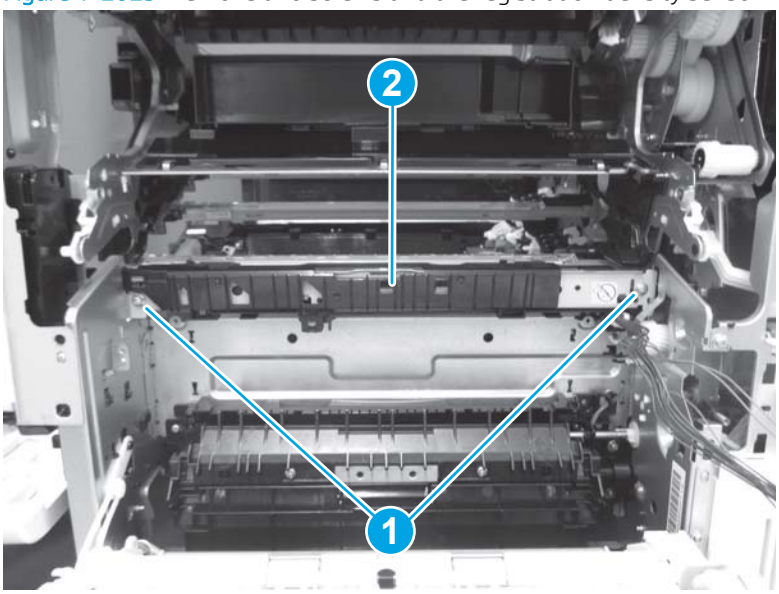
Step 6: Remove the registration density sensor

▲ Remove two screws (callout 1), and then slide the registration density sensor (callout 2) to the right to remove it.

Reinstallation tip: Make sure that the guide pins on the back of the sensor are fully installed before installing the screws.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2023 Remove two screws and the registration density sensor



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Feed roller assembly

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the right rear cover
- Step 5: Remove the right handle
- Step 6: Remove the right door
- Step 7: Remove the secondary transfer assembly
- Step 8: Remove the low-voltage power supply (LVPS) and fan
- Step 9: Remove the lower high voltage power supply (HVPS)
- Step 10: Remove the registration assembly
- Step 11: Remove the feed roller assembly
- Step 12: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the feed roller assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Feed roller assembly part number	
RM2-6684-000CN	Feed roller assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Needle-nose pliers

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

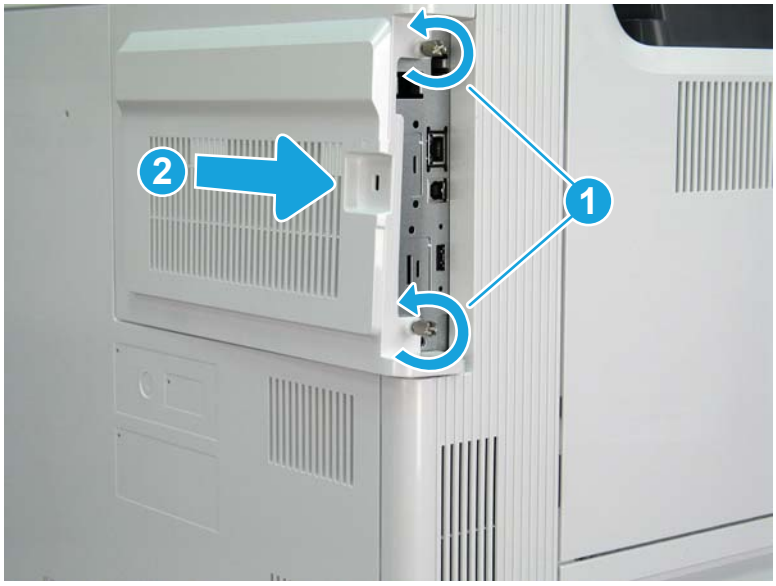
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

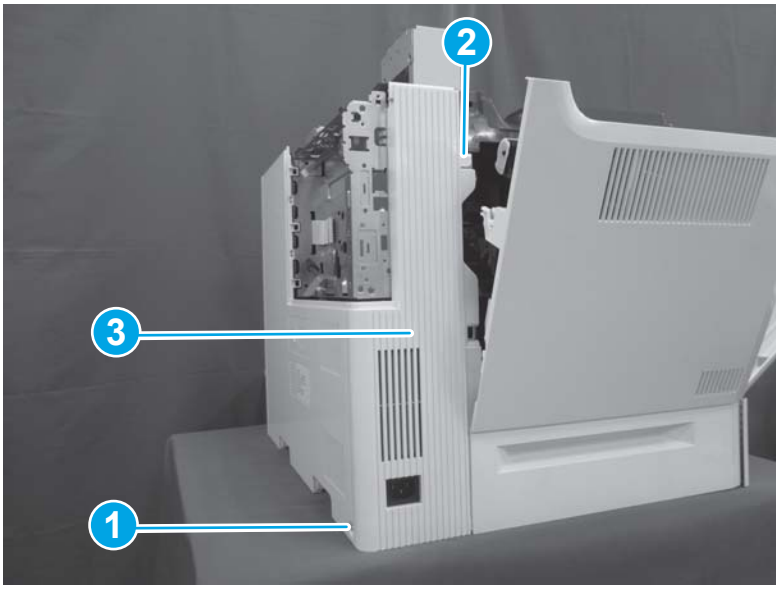
Figure 1-2024 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-2025 Remove the left rear cover



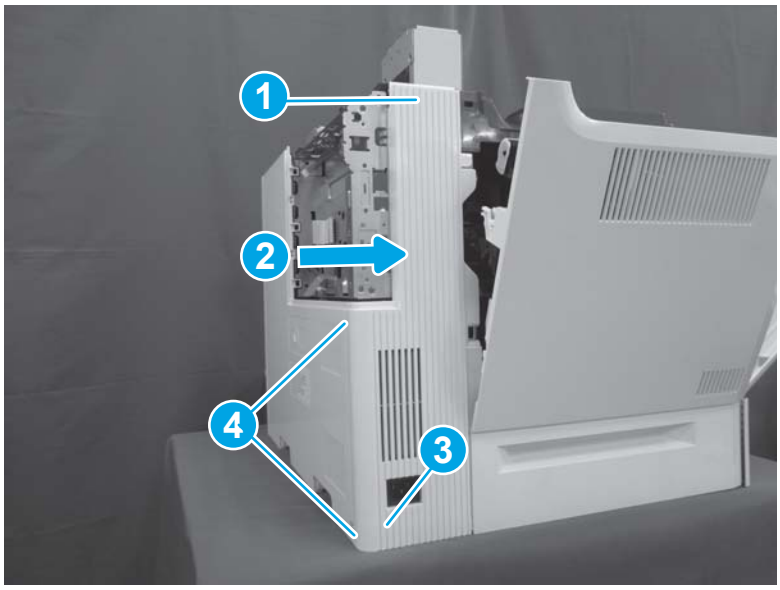
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-2026 Install the left rear cover

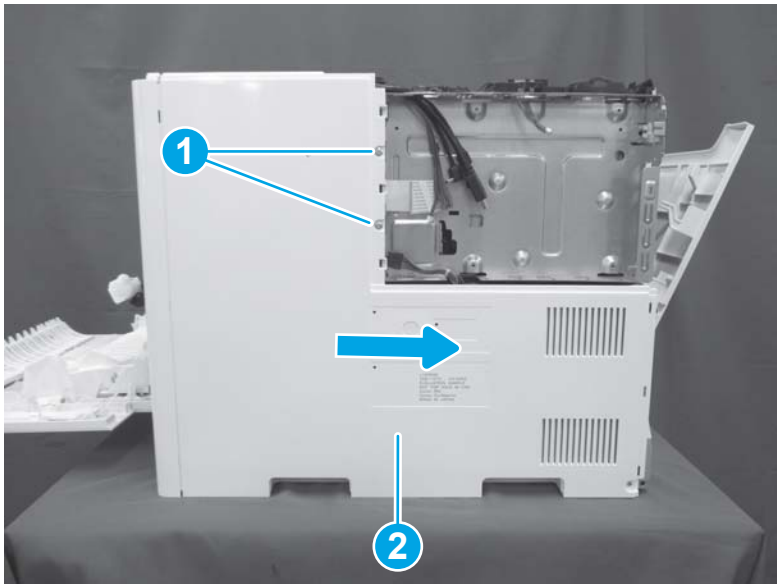


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2027 Remove two screws and the rear cover

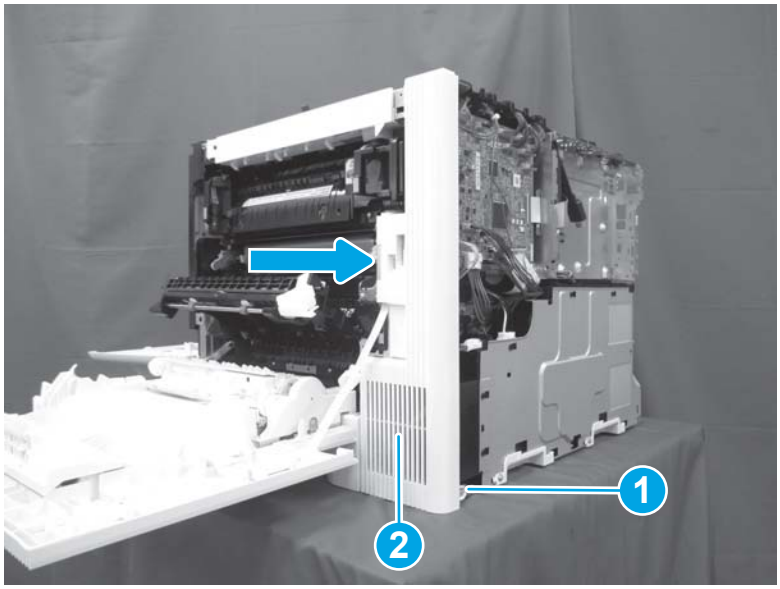


Step 4: Remove the right rear cover

▲ Remove one screw (callout 1), and then slide the right rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

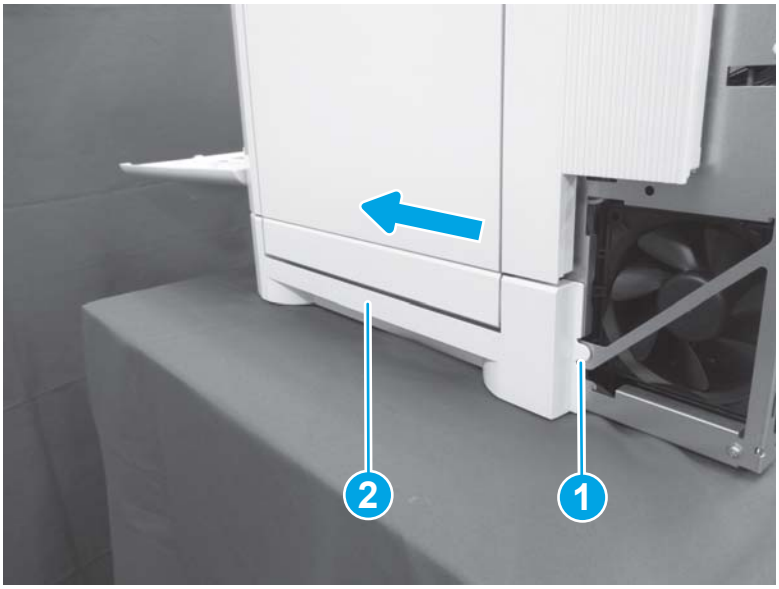
Figure 1-2028 Remove one screw and the right rear cover



Step 5: Remove the right handle

1. Release one boss (callout 1), and then slide the right handle (callout 2) to the left to remove it.

Figure 1-2029 Remove the right handle



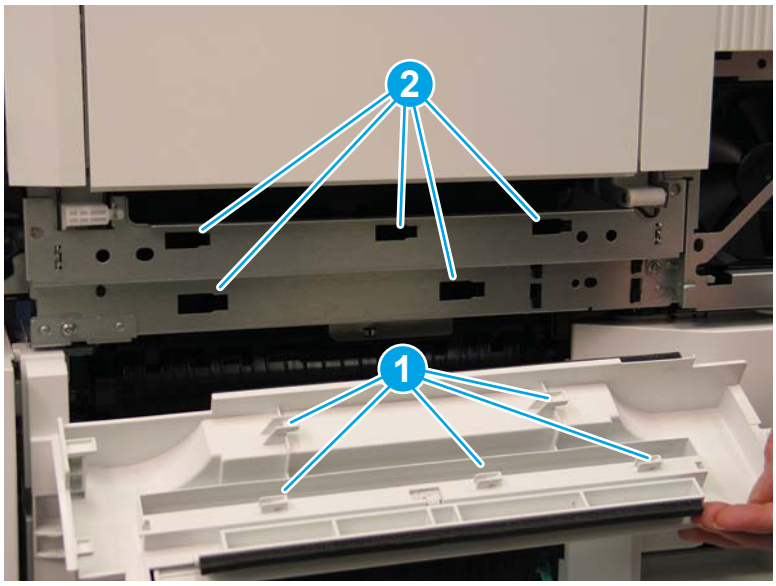
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right handle

▲ When reinstalling the right handle, install the hooks (callout 1) on the handle in the slots (callout 2) in the printer. Align the lower, right-most hook firs to ensure all the hooks are aligned, and then slide the handle to the left to lock it into position.

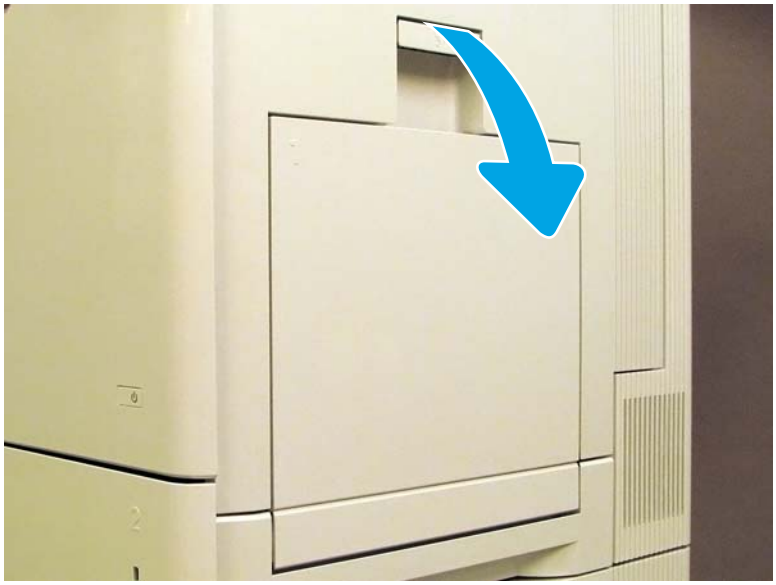
Figure 1-2030 Install the right handle



Step 6: Remove the right door

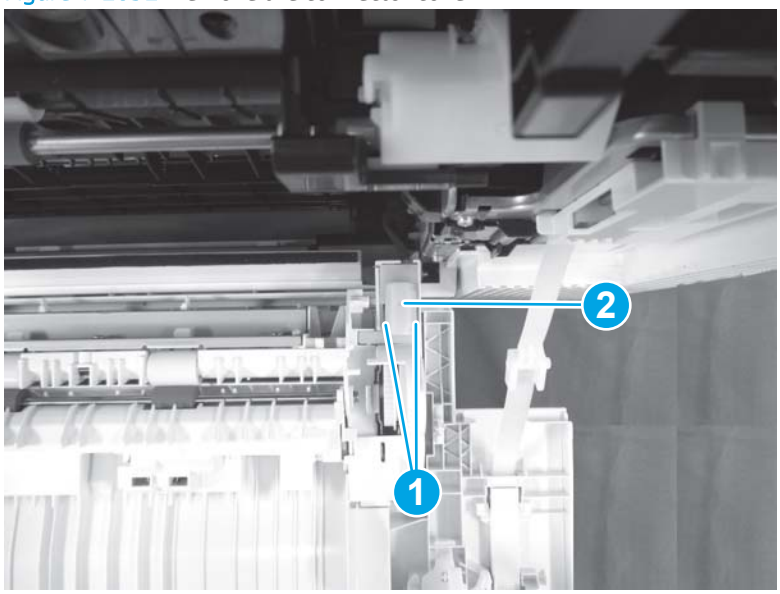
1. Open the right door.

Figure 1-2031 Open the right door



2. Release two tabs (callout 1), and then remove the connector cover (callout 2).

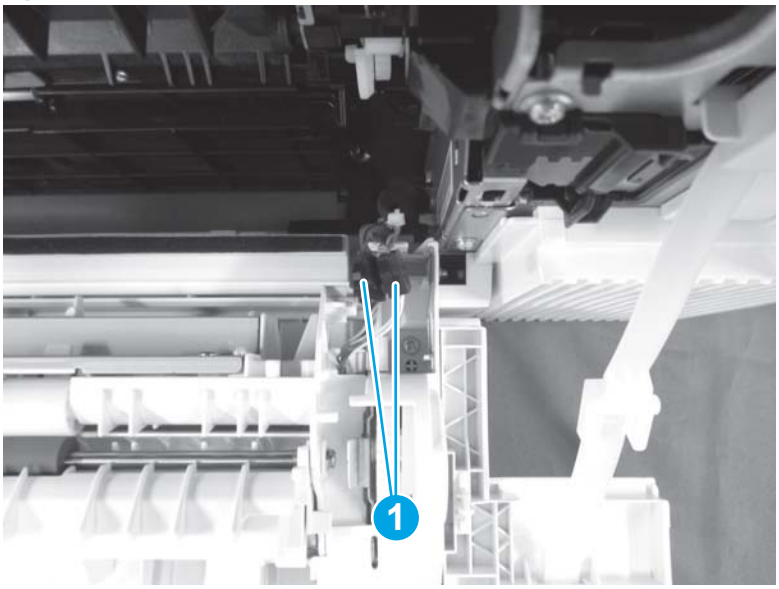
Figure 1-2032 Remove the connector cover



3. Disconnect two connectors (callout 1).

NOTE: Disconnect the connectors on the side closest to the printer

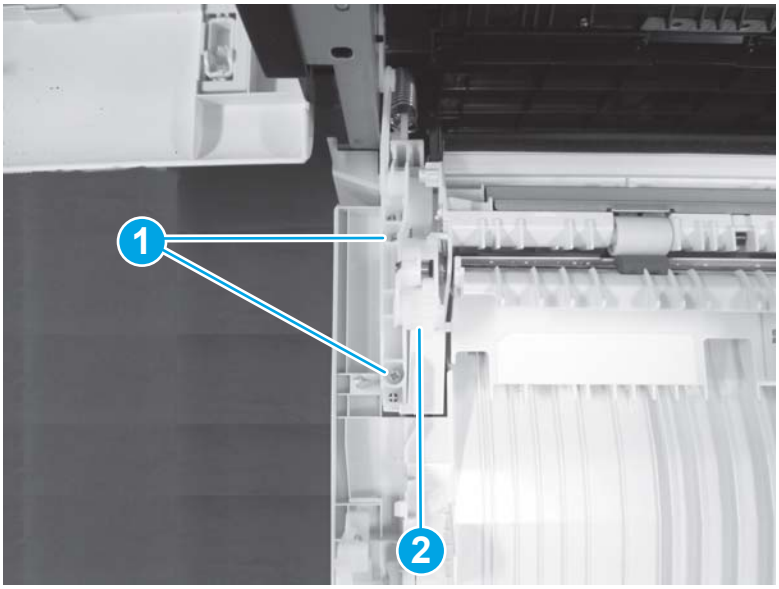
Figure 1-2033 Disconnect two connectors



4. Remove two screws (callout 1), and then release the left link arm (callout 2) from the right door.

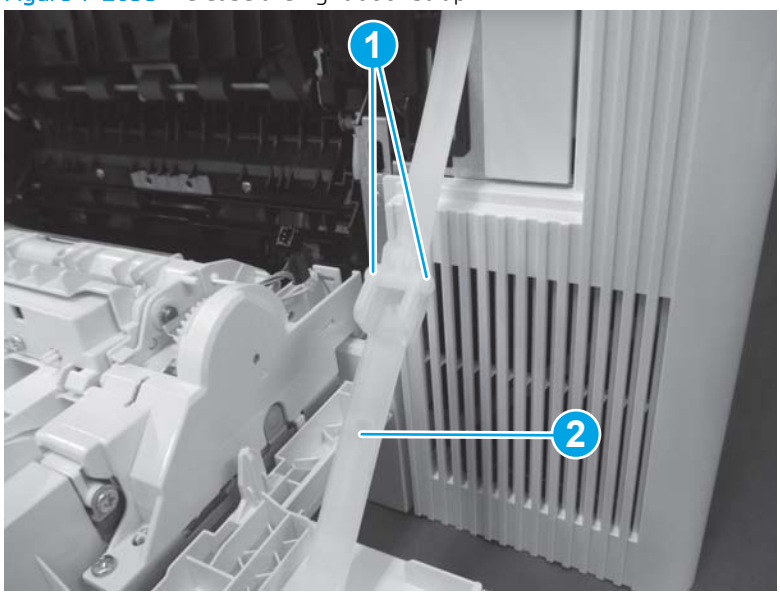
CAUTION: The left link arm is under tension. Hold onto the part when removing the screws and release it slowly to avoid damaging the printer or losing the screws.

Figure 1-2034 Remove two screws and release the left link arm



5. Release two bosses (callout 1), and then release the right door strap (callout 2).

Figure 1-2035 Release the right door strap

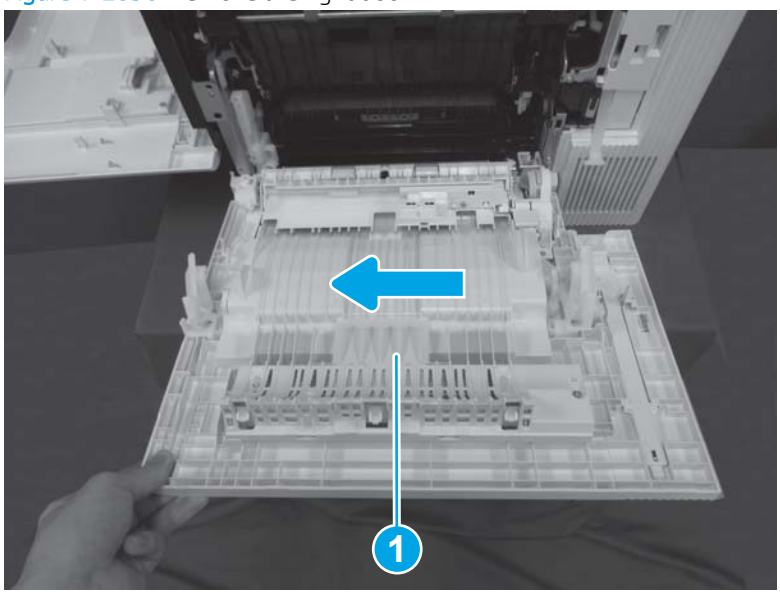


6. Slide the right door (callout 1) to the left to remove it.

Reinstallation tip: The left hinge can be moved to the left, away from the door assembly, to allow correctly positioning the molded door assembly parts. Place the hinge back into position to align with the alignment pins, and then reattach.

CAUTION: The left hinge is under tension. Use care when moving it so it does not release suddenly and damage the printer.

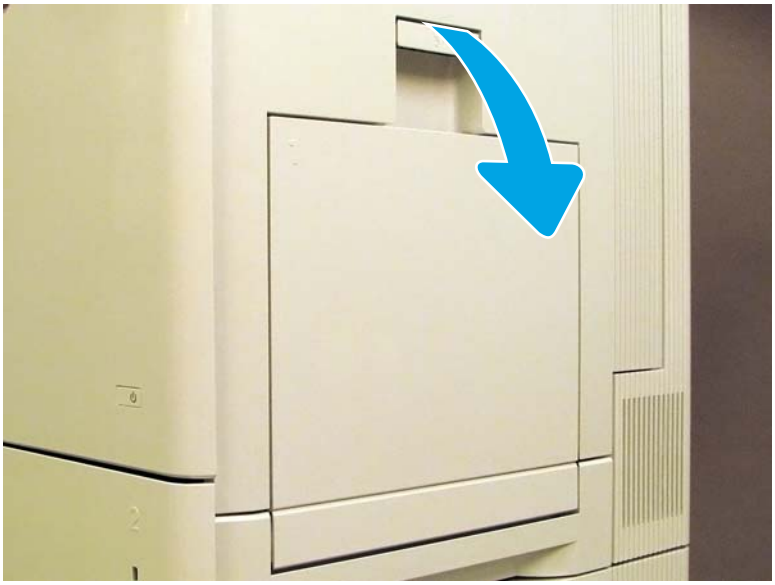
Figure 1-2036 Remove the right door



Step 7: Remove the secondary transfer assembly

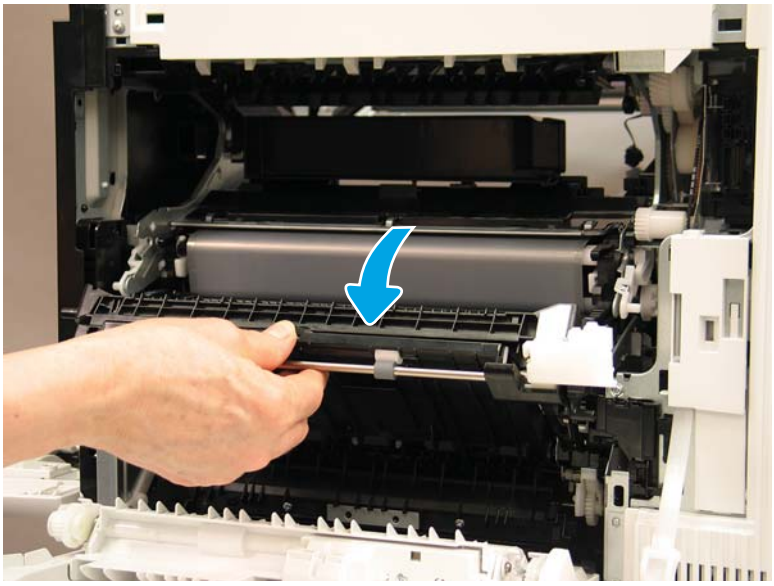
1. Open the right door.

Figure 1-2037 Open the right door



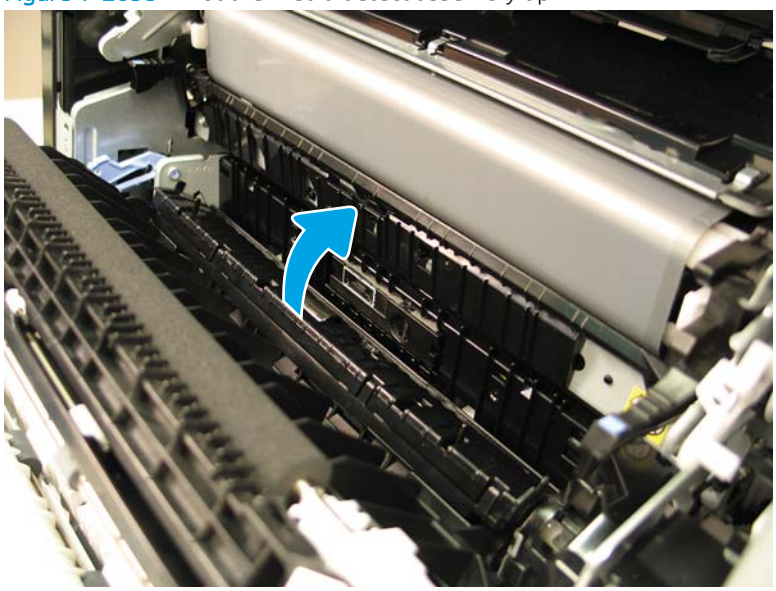
2. Lower the secondary transfer assembly to a 45° angle.

Figure 1-2038 Lower the secondary transfer



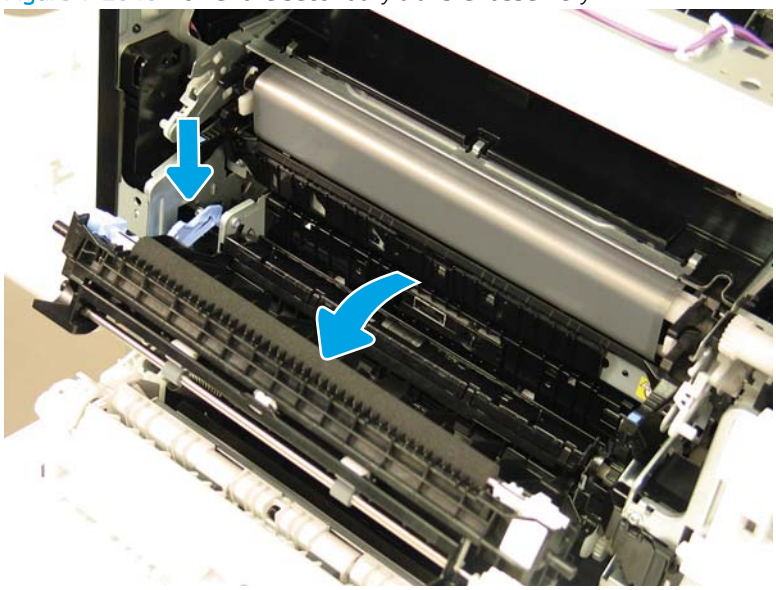
3. While holding the secondary transfer assembly, pivot the media detect assembly up and into the printer.

Figure 1-2039 Pivot the media detect assembly up



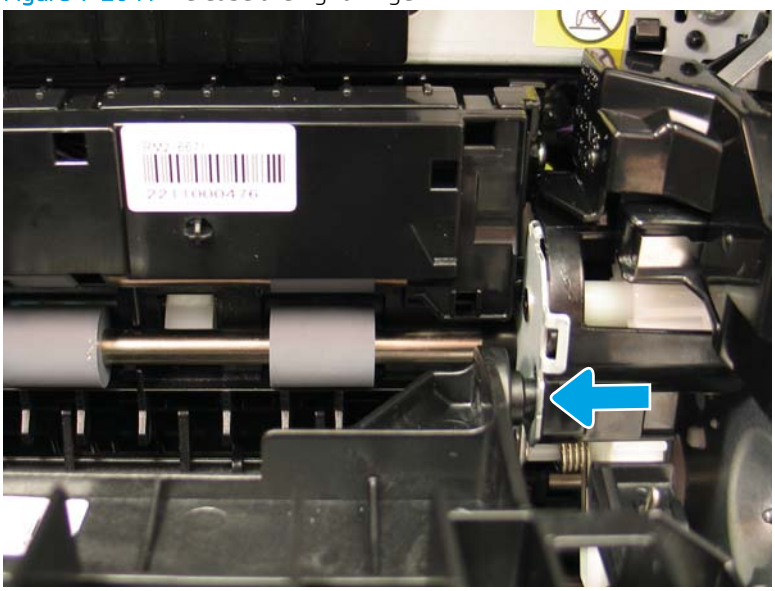
4. Lower the secondary transfer assembly and release it from the media detect assembly. Release the blue lever on the left, and then lower the secondary transfer assembly to the lowest position.

Figure 1-2040 Lower the secondary transfer assembly



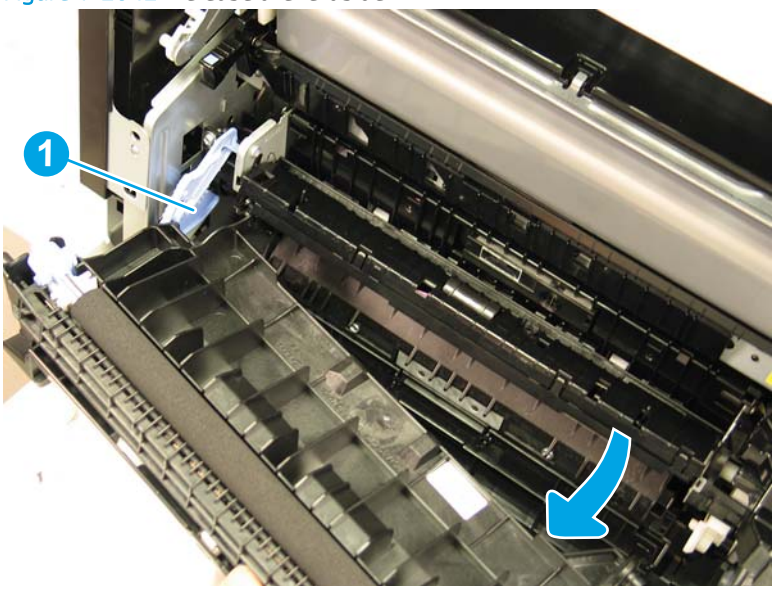
5. Release the right hinge by gently pushing left where the hinge attaches to the printer.

Figure 1-2041 Release the right hinge



6. Rotate the right side of the assembly away from the printer, and then release the left side of the assembly from the blue link arm (callout 1).

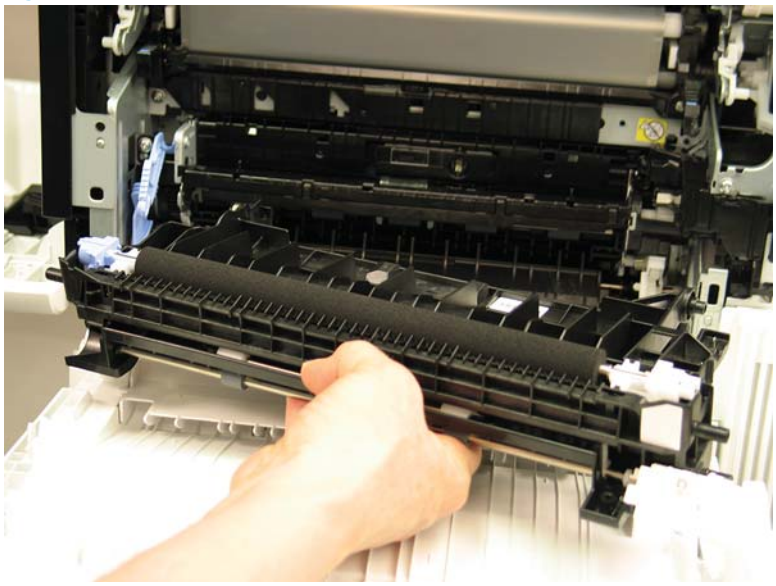
Figure 1-2042 Release the left side



7. Lift the secondary transfer assembly up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

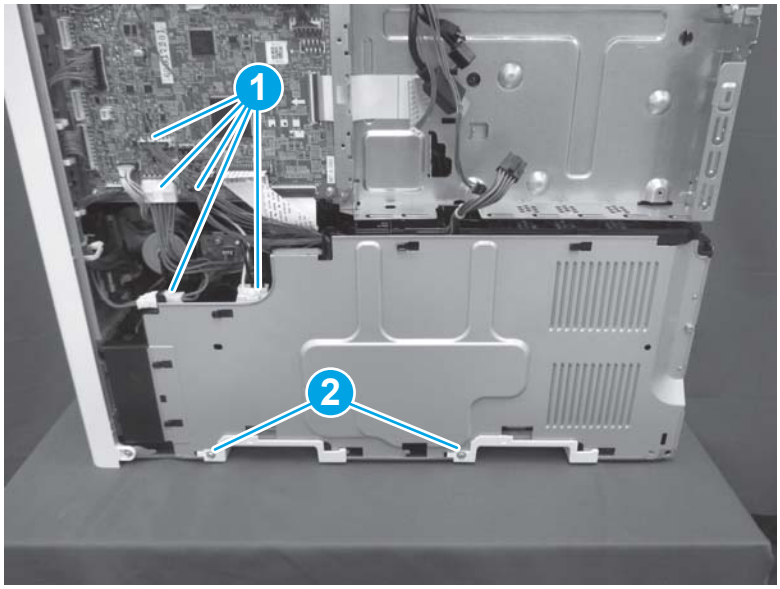
Figure 1-2043 Remove the secondary transfer assembly



Step 8: Remove the low-voltage power supply (LVPS) and fan

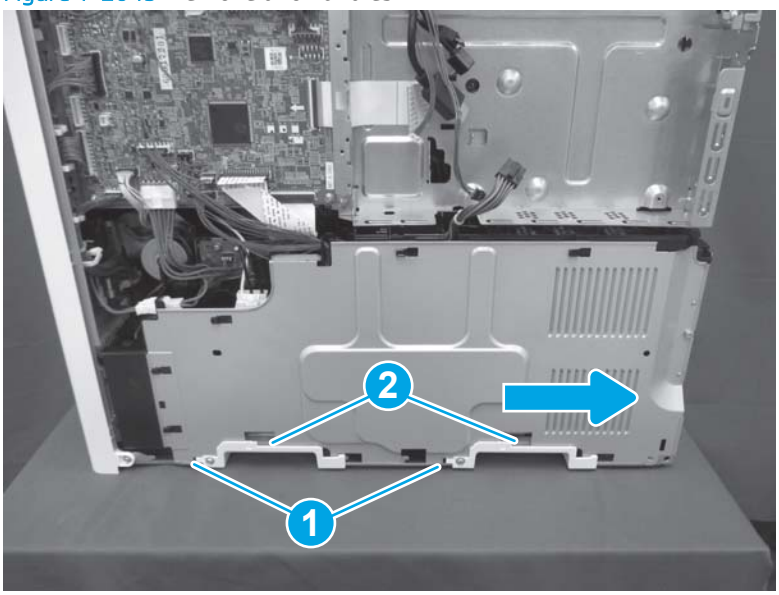
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-2044 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

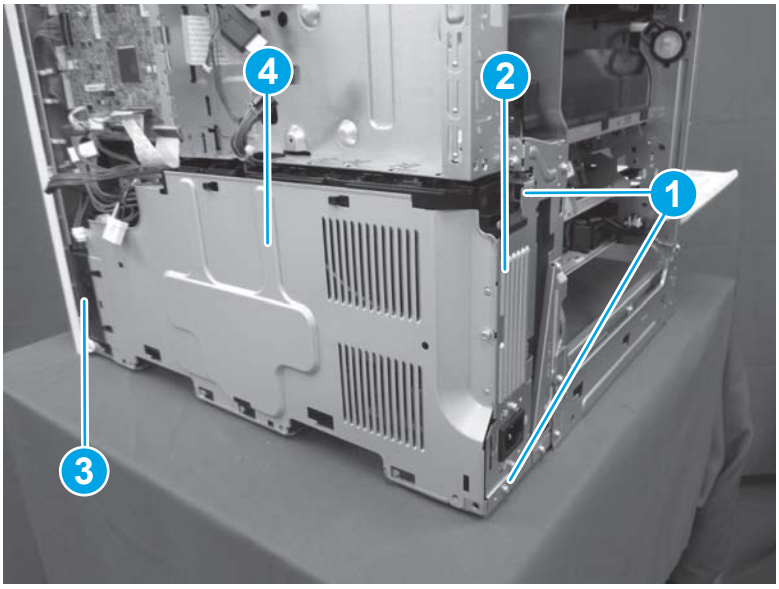
Figure 1-2045 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

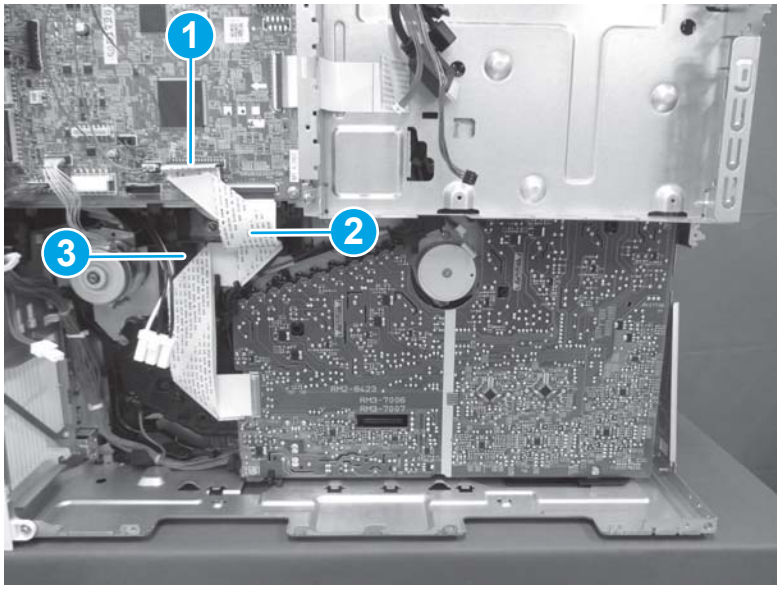
Figure 1-2046 Remove the low-voltage power supply



Step 9: Remove the lower high voltage power supply (HVPS)

1. Disconnect one connector (callout 1), and then remove the fla cable (callout 2) from the cable guide (callout 3).

Figure 1-2047 Disconnect one connector

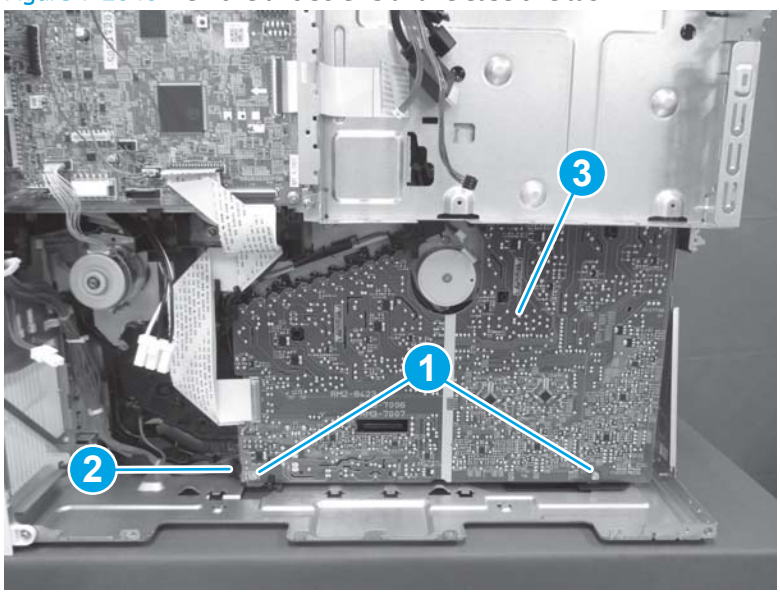


2. Remove two screws (callout 1), release one tab (callout 2), and then remove the lower HVPS (callout 3).

NOTE: These screws have washers attached. Make sure that they are reinstalled in the lower HVPS board.

Reinstallation tip: Reverse the removal steps to install the assembly.

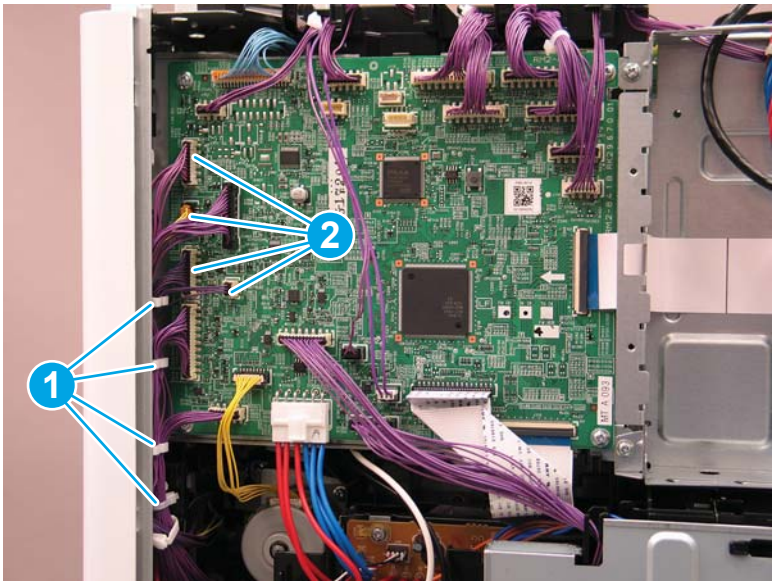
Figure 1-2048 Remove two screws and release one tab



Step 10: Remove the registration assembly

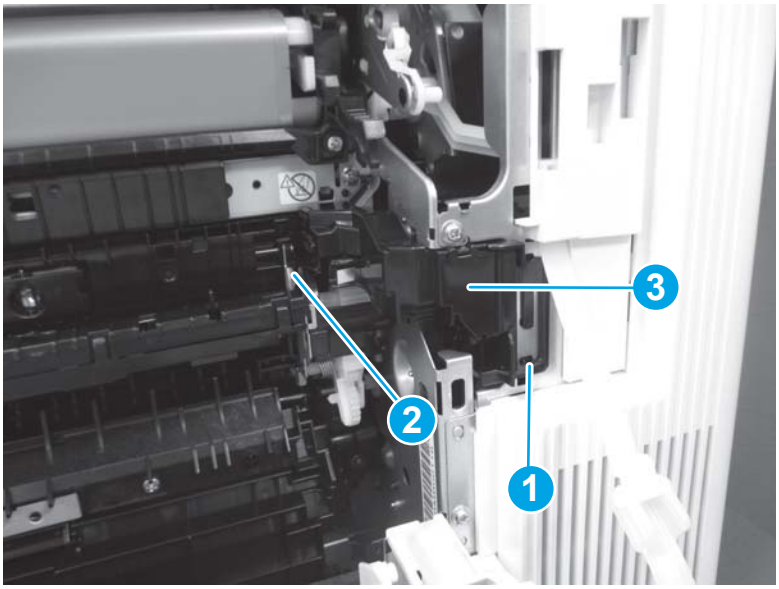
1. Release the cables from four retainers (callout 1), and then disconnect four connectors (callout 2).

Figure 1-2049 Disconnect four connectors



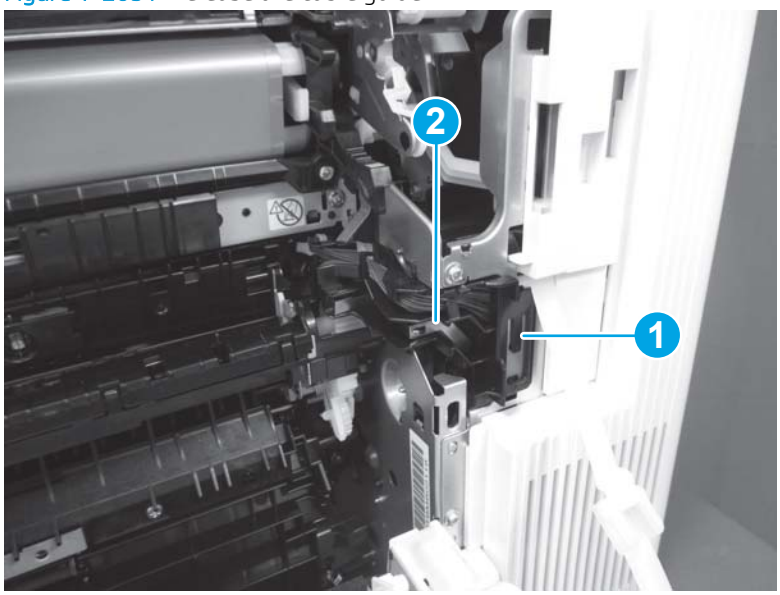
2. Release one tab (callout 1), release one boss (callout 2), and then remove the connector cover (callout 3).

Figure 1-2050 Remove the connector cover



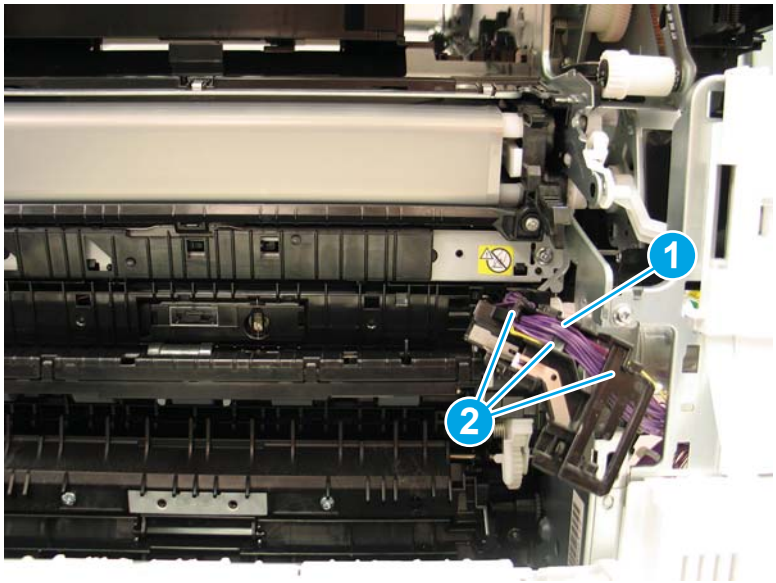
3. Release one tab (callout 1), and then slide the cable guide (callout 2) down to release it.

Figure 1-2051 Release the cable guide



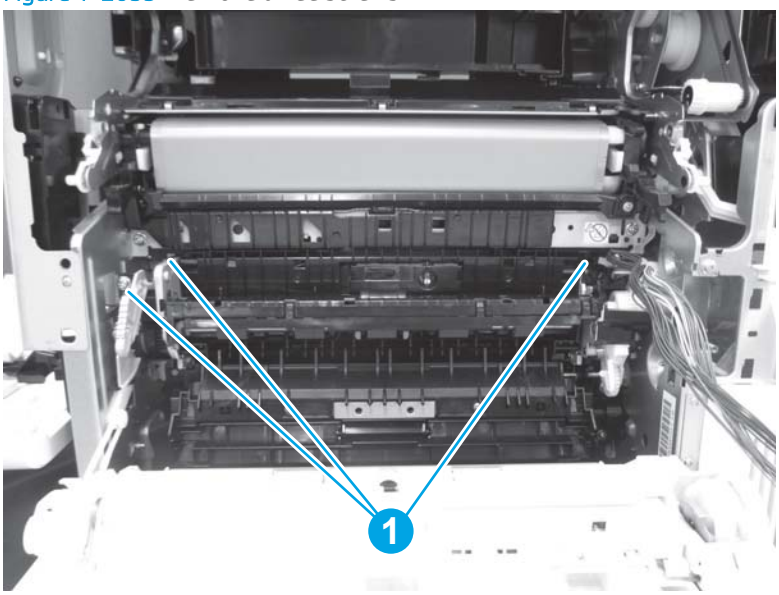
4. Release the cable (callout 1) from the cable guide (callout 2).

Figure 1-2052 Remove the cable guide



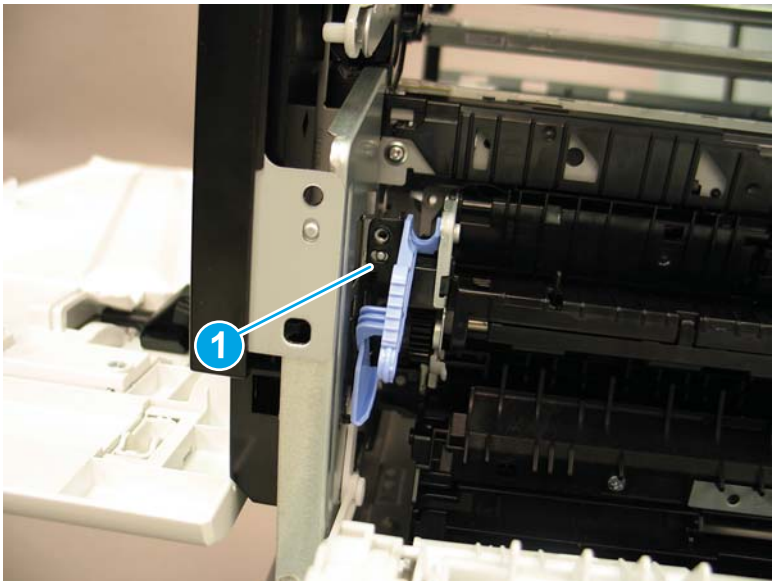
5. Remove three screws (callout 1).

Figure 1-2053 Remove three screws



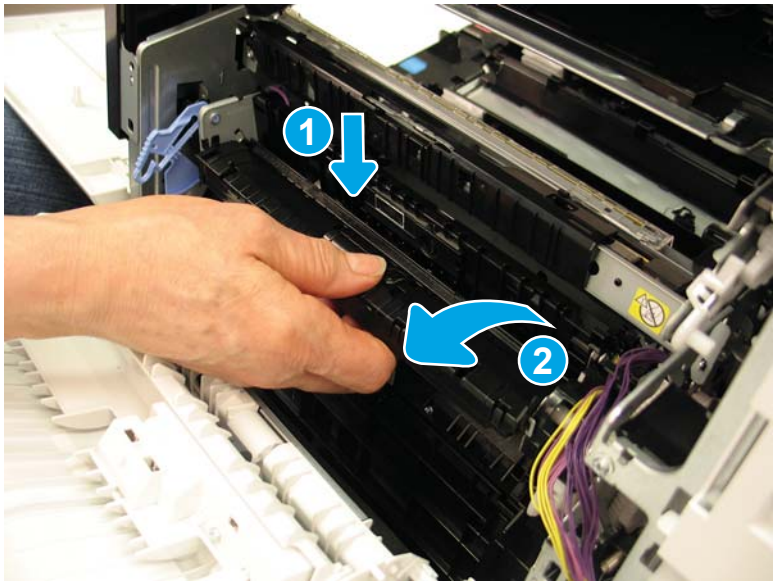
6. Release the assembly from the guide pin (callout 1) on the left side of the assembly.

Figure 1-2054 Release the assembly from the guide pin



7. Press downward on the left side of the assembly (callout 1), and then rotate the assembly away from the printer (callout 2) to release the hooks that go through the sheet metal on the back of the assembly. Remove the registration assembly.

Figure 1-2055 Remove the registration assembly

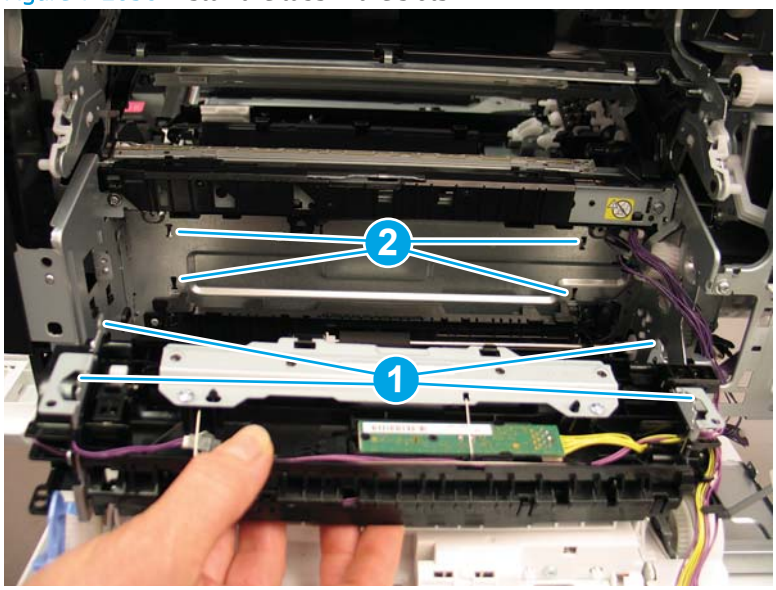


8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Registration assembly

a. Install the tabs (callout 1) on the registration assembly into the slots (callout 2) in the printer.

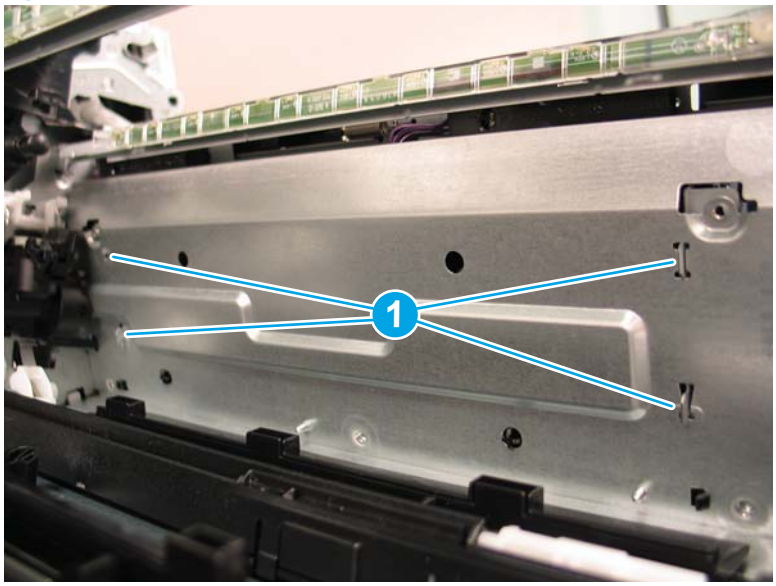
Figure 1-2056 Install the tabs in the slots



b. Look inside the printer and make sure that the tabs (callout 1) are completely installed in the sheet metal before installing the screws.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-2057 Check the tabs



Step 11: Remove the feed roller assembly

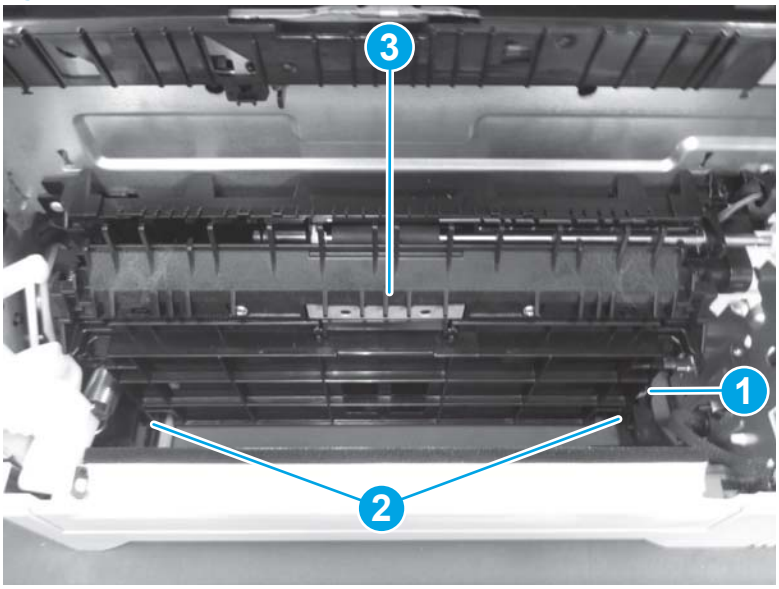
1. Unhook one spring (callout 1), release two hinge pins (callout 2), and then remove the feed guide (callout 3).

TIP: Needle-nose pliers work well for unhooking the spring.

IMPORTANT: The spring (callout 1) is not captive. Do not lose the spring.

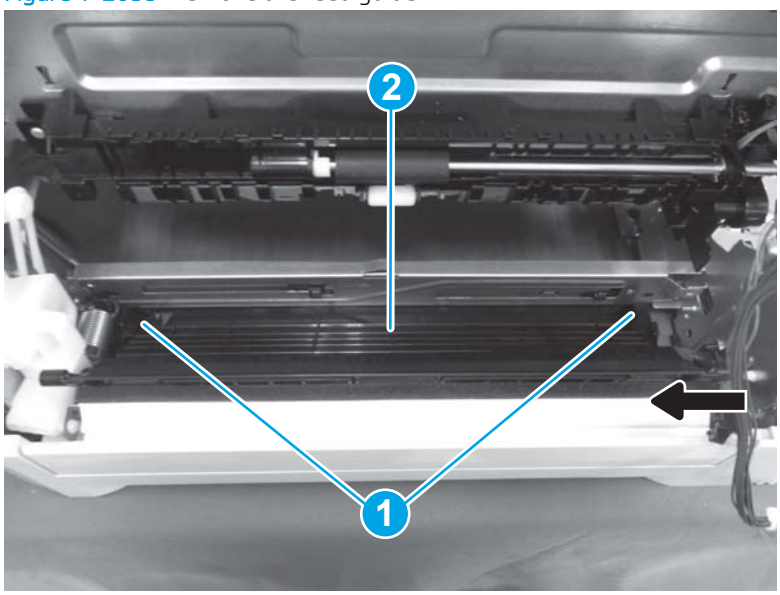
Reinstallation tip: Make sure to reattach the spring (callout 1).

Figure 1-2058 Remove the feed guide



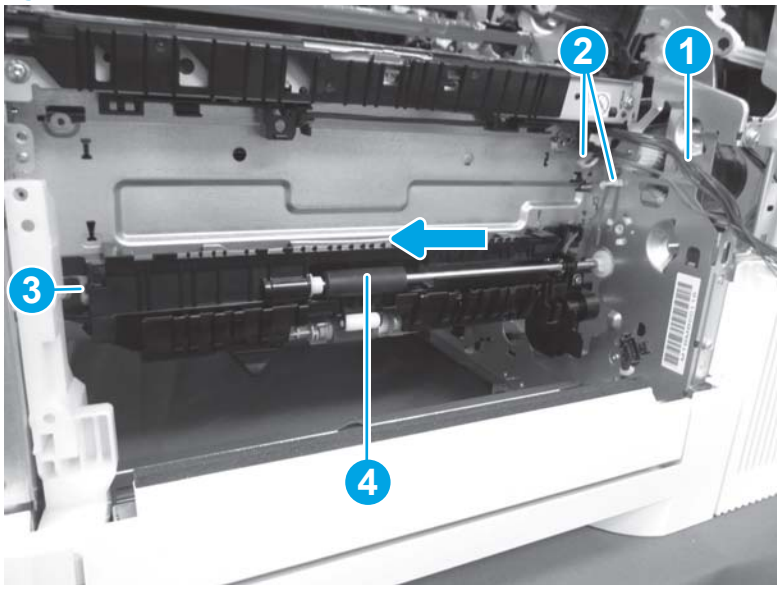
2. Release two hinge pins (callout 1), and then remove the feed guide (callout 2).

Figure 1-2059 Remove the feed guide



3. Release the cable (callout 1) from the retainers (callout 2). Release one tab (callout 3), and then slide the feed roller assembly (callout 4) to the left to remove it.

Figure 1-2060 Remove the feed roller assembly

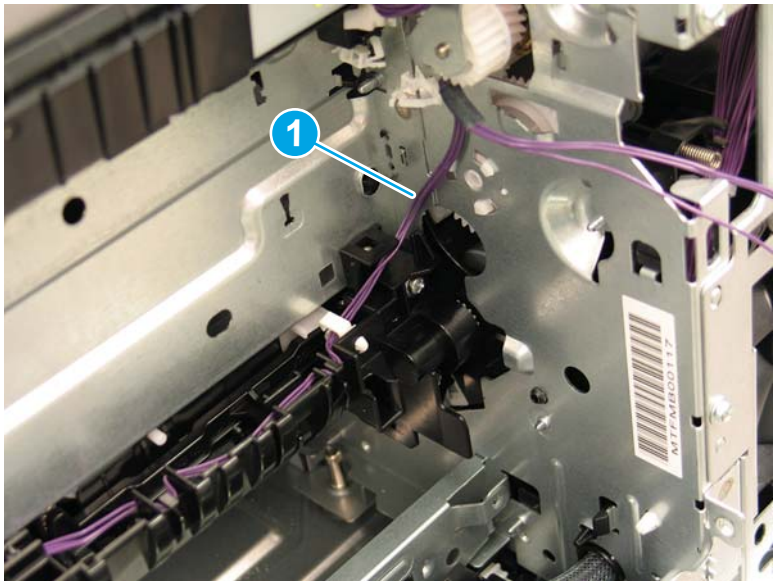


4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Feed roller assembly

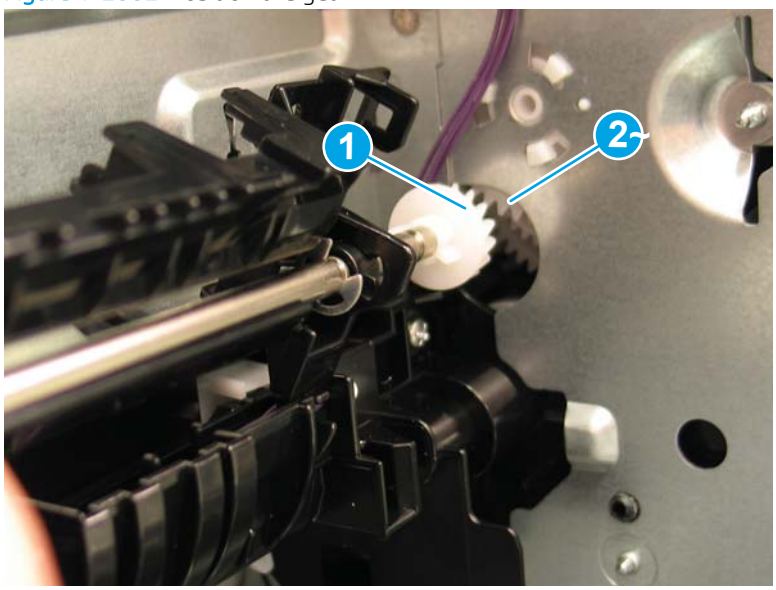
a. Before installing the feed roller assembly, make sure that the cable (callout 1) behind it is routed as shown so it is not pinched when the assembly is installed.

Figure 1-2061 Check the cable routing



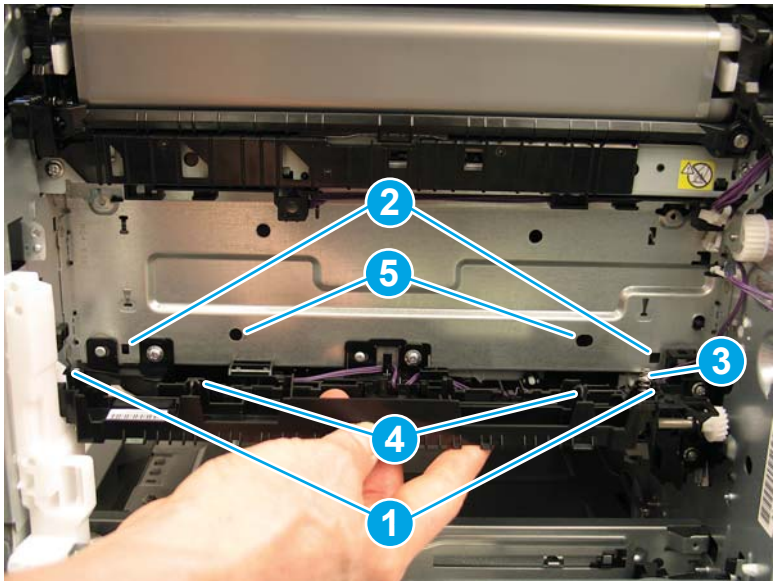
b. Align the gear (callout 1) with the gear (callout 2) through the opening in the sheet metal.

Figure 1-2062 Position the gear



c. Beginning at the right side, install the tabs (callout 1) on the assembly into the slots (callout 2) in the sheet metal. Make sure that the spring (callout 3) is not folded over. Position the right tab through the sheet metal and hold it, and then position the left tab near the sheet-metal hole. Gently push on the left tab to fully seat the guide pins (callout 4) in the holes (callout 5) in the assembly.

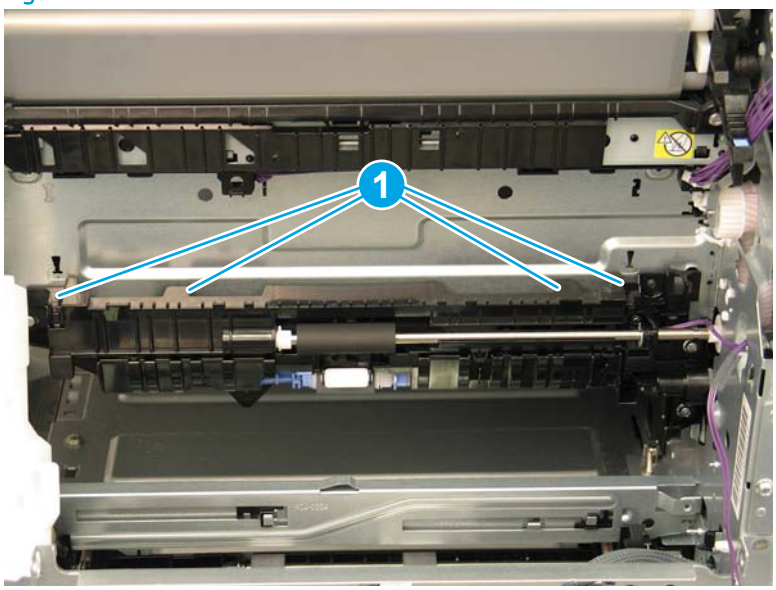
Figure 1-2063 Install the tabs



d. Make sure that the tabs (callout 1) are positioned correctly in the sheet metal slots.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-2064 Check the tabs



Step 12: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Pickup assembly

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the right rear cover
- Step 5: Remove the right handle
- Step 6: Remove the right door
- Step 7: Remove the secondary transfer assembly
- Step 8: Remove the low-voltage power supply (LVPS) and fan
- Step 9: Remove the lower high voltage power supply (HVPS)
- Step 10: Remove the registration assembly
- Step 11: Remove the feed roller assembly
- Step 12: Remove the pickup assembly
- Step 13: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the pickup assembly.

M652/M653/E65050/E65060/E65150/E65160:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Pickup assembly part number	
RM2-6556-000CN	Pickup assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

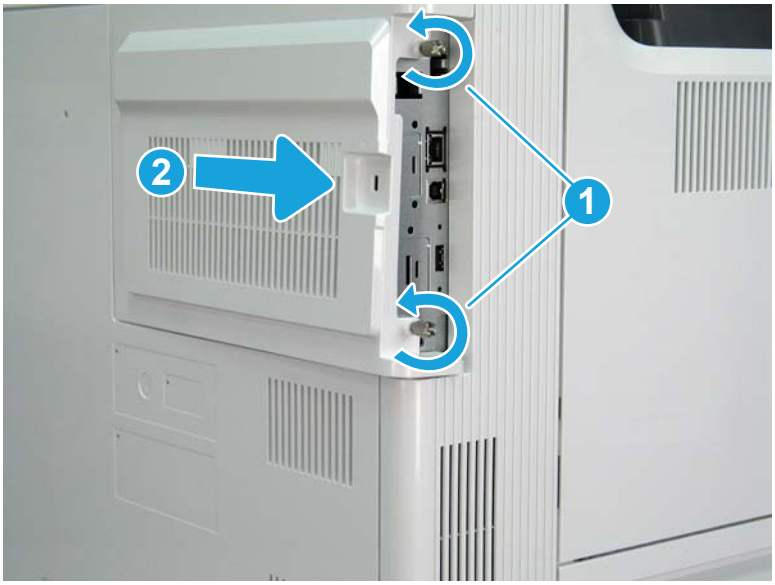
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

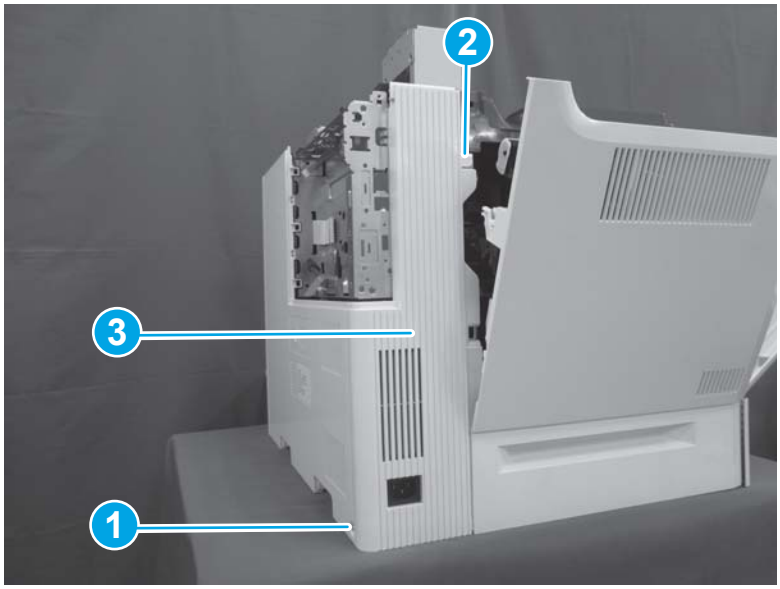
Figure 1-2065 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-2066 Remove the left rear cover



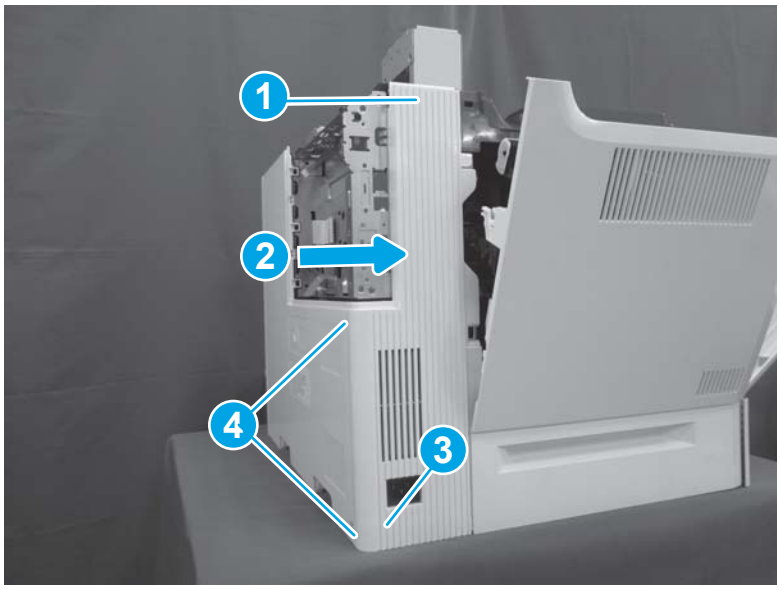
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

- Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-2067 Install the left rear cover

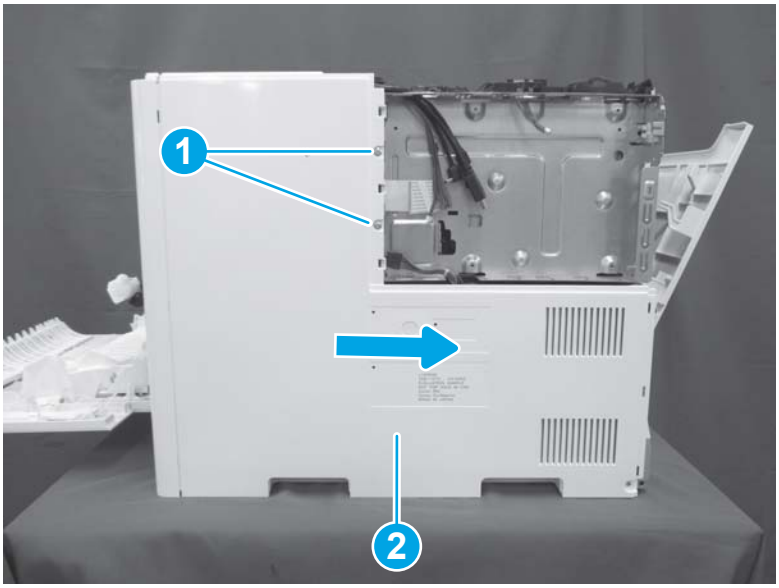


Step 3: Remove the rear cover

- Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2068 Remove two screws and the rear cover

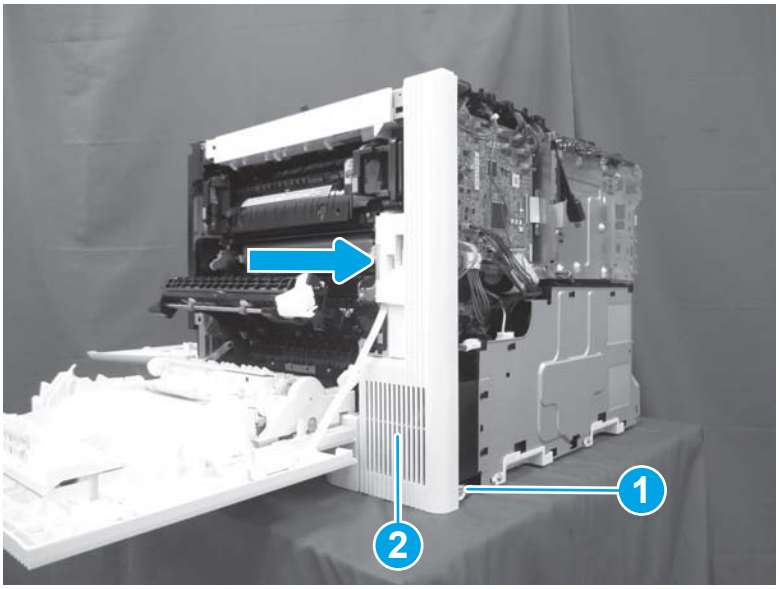


Step 4: Remove the right rear cover

▲ Remove one screw (callout 1), and then slide the right rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

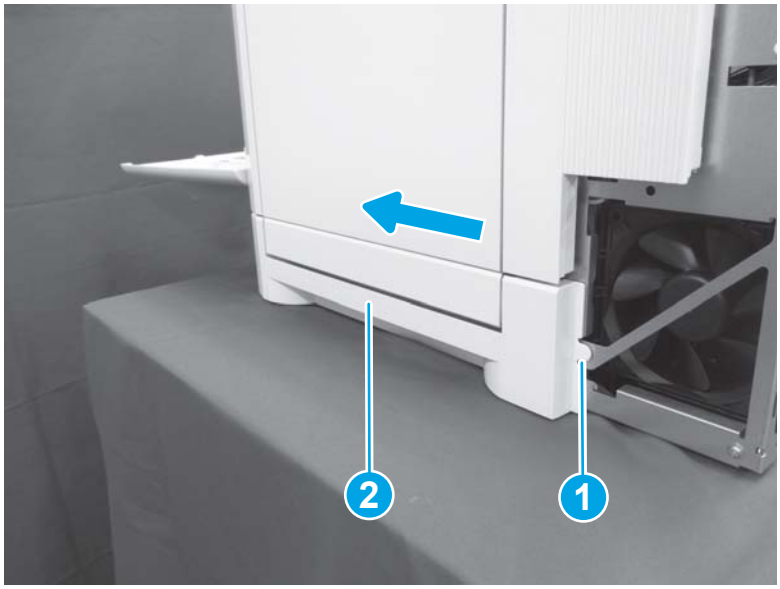
Figure 1-2069 Remove one screw and the right rear cover



Step 5: Remove the right handle

1. Release one boss (callout 1), and then slide the right handle (callout 2) to the left to remove it.

Figure 1-2070 Remove the right handle



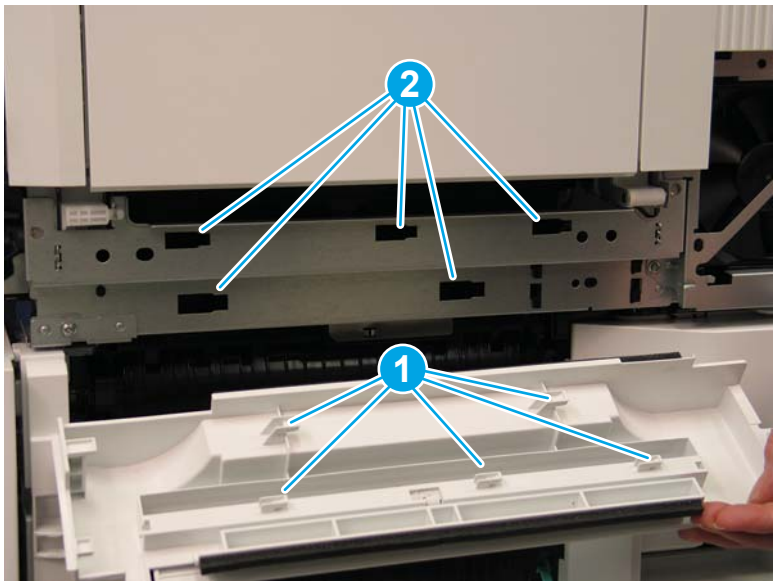
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right handle

▲ When reinstalling the right handle, install the hooks (callout 1) on the handle in the slots (callout 2) in the printer. Align the lower, right-most hook firs to ensure all the hooks are aligned, and then slide the handle to the left to lock it into position.

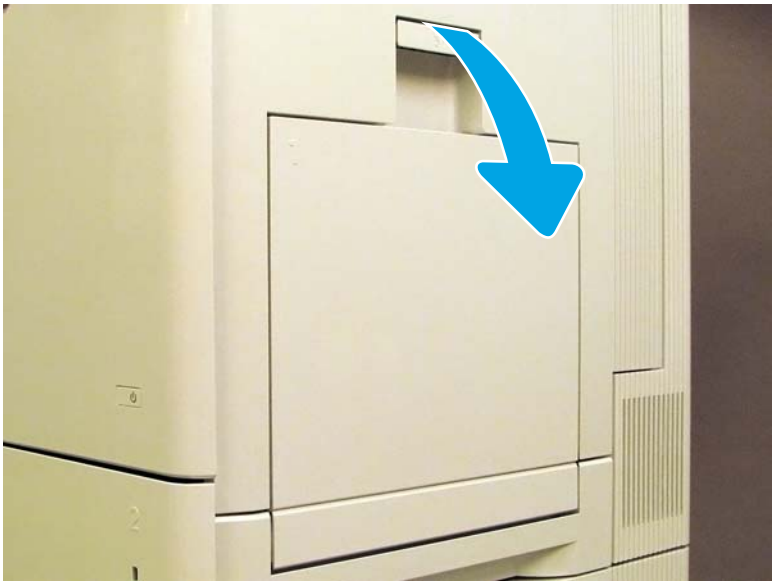
Figure 1-2071 Install the right handle



Step 6: Remove the right door

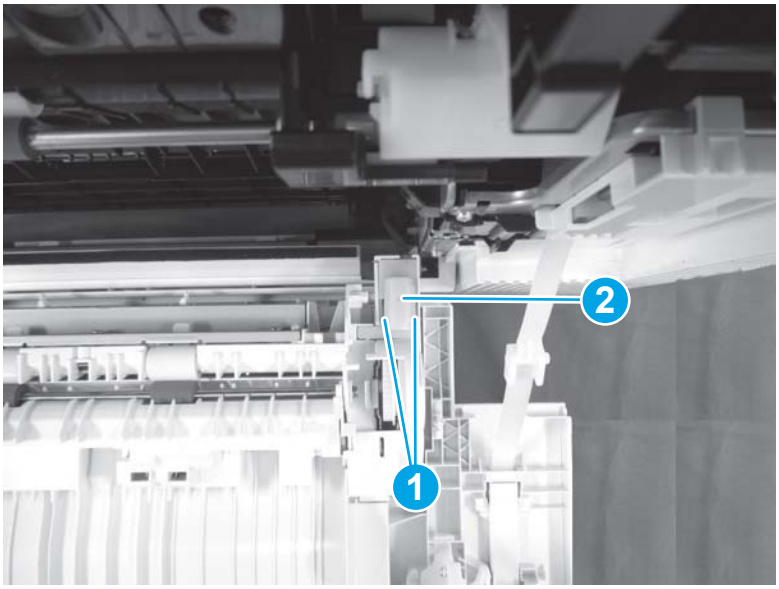
1. Open the right door.

Figure 1-2072 Open the right door



2. Release two tabs (callout 1), and then remove the connector cover (callout 2).

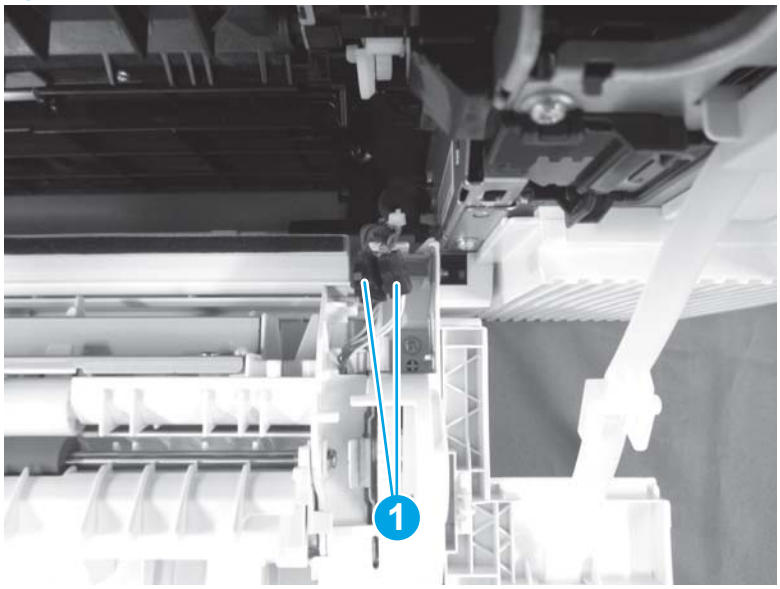
Figure 1-2073 Remove the connector cover



3. Disconnect two connectors (callout 1).

NOTE: Disconnect the connectors on the side closest to the printer

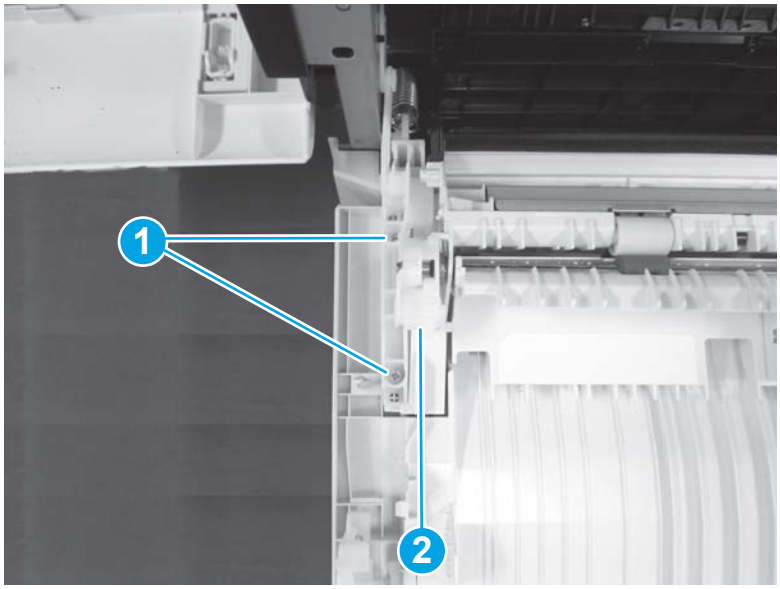
Figure 1-2074 Disconnect two connectors



4. Remove two screws (callout 1), and then release the left link arm (callout 2) from the right door.

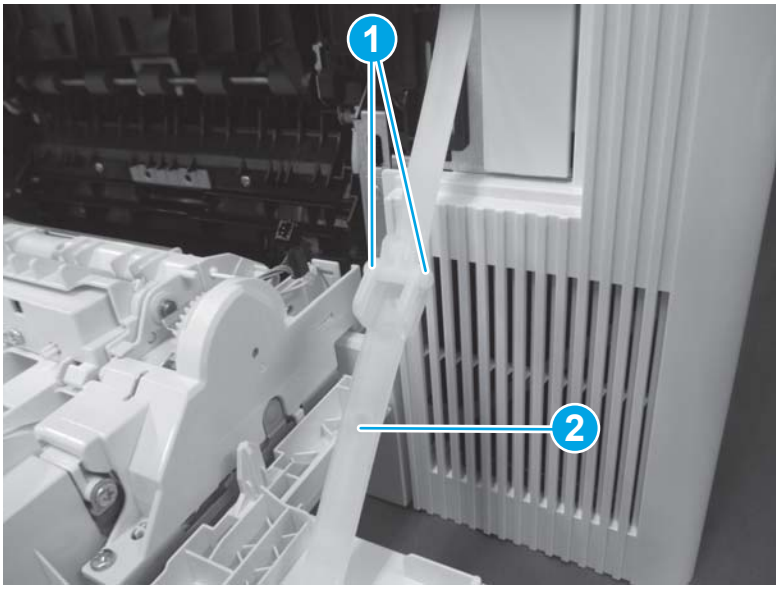
CAUTION: The left link arm is under tension. Hold onto the part when removing the screws and release it slowly to avoid damaging the printer or losing the screws.

Figure 1-2075 Remove two screws and release the left link arm



5. Release two bosses (callout 1), and then release the right door strap (callout 2).

Figure 1-2076 Release the right door strap

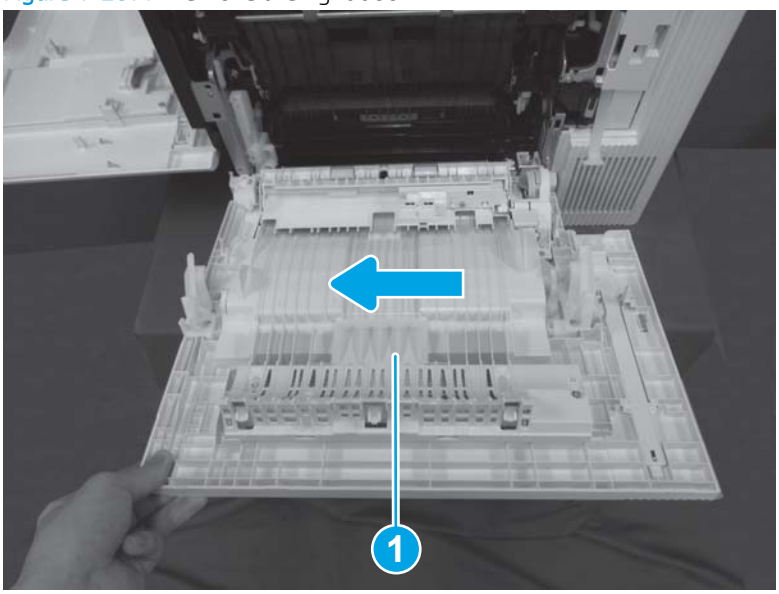


6. Slide the right door (callout 1) to the left to remove it.

Reinstallation tip: The left hinge can be moved to the left, away from the door assembly, to allow correctly positioning the molded door assembly parts. Place the hinge back into position to align with the alignment pins, and then reattach.

CAUTION: The left hinge is under tension. Use care when moving it so it does not release suddenly and damage the printer.

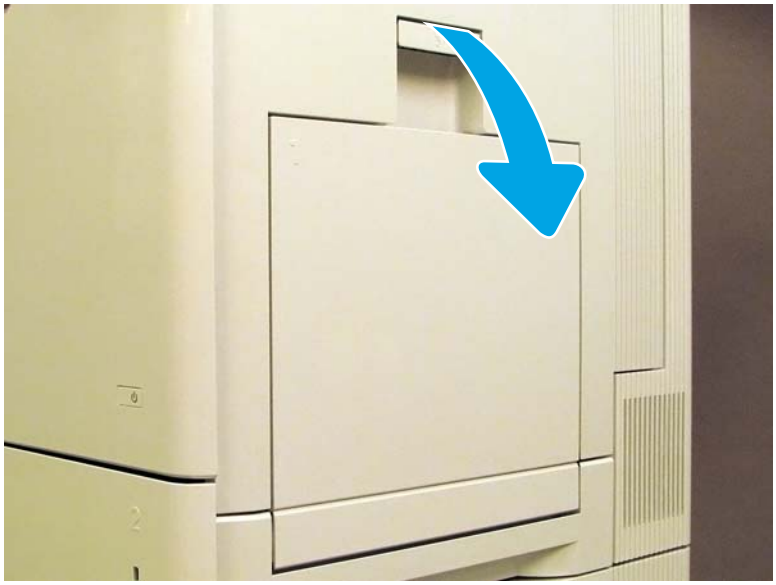
Figure 1-2077 Remove the right door



Step 7: Remove the secondary transfer assembly

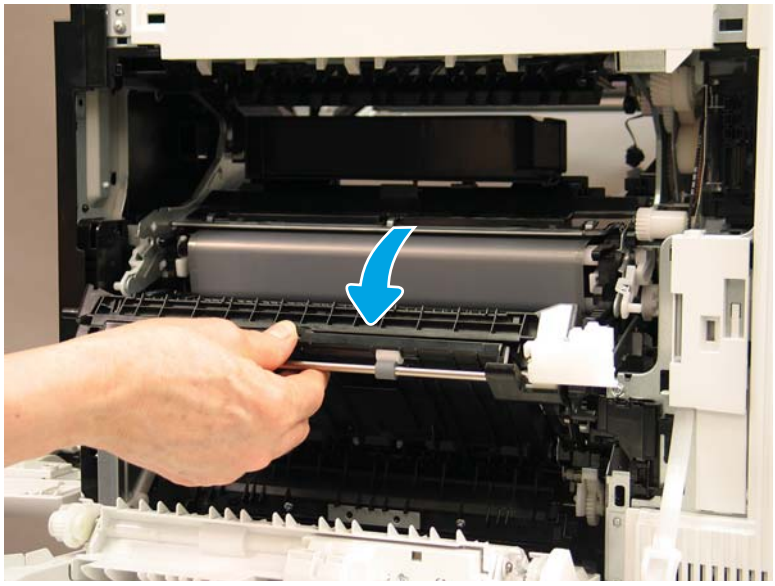
1. Open the right door.

Figure 1-2078 Open the right door



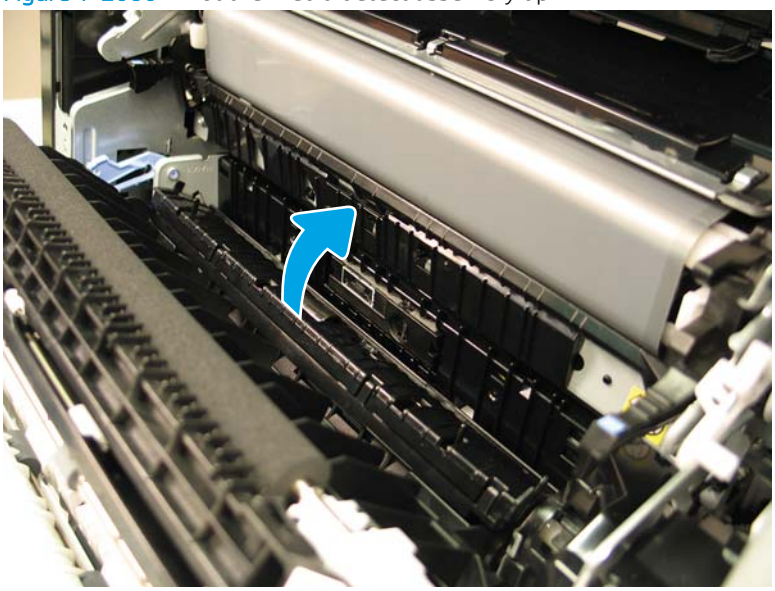
2. Lower the secondary transfer assembly to a 45° angle.

Figure 1-2079 Lower the secondary transfer



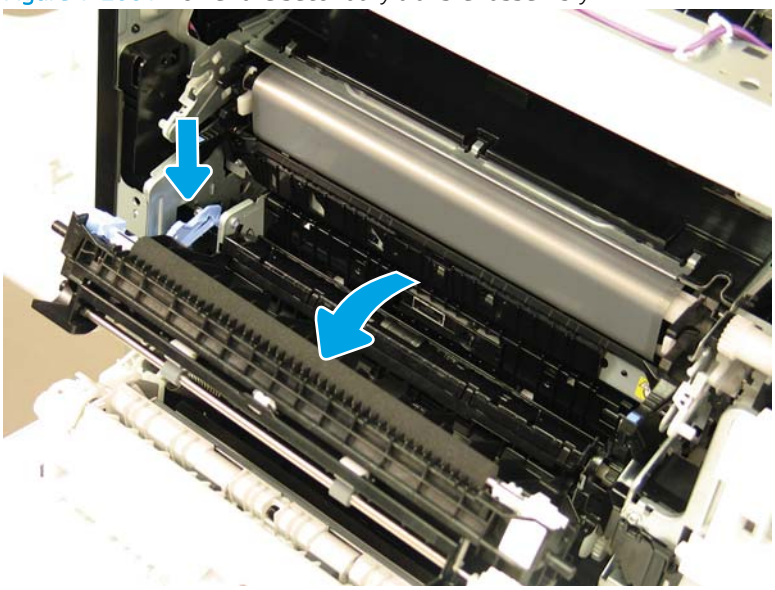
3. While holding the secondary transfer assembly, pivot the media detect assembly up and into the printer.

Figure 1-2080 Pivot the media detect assembly up



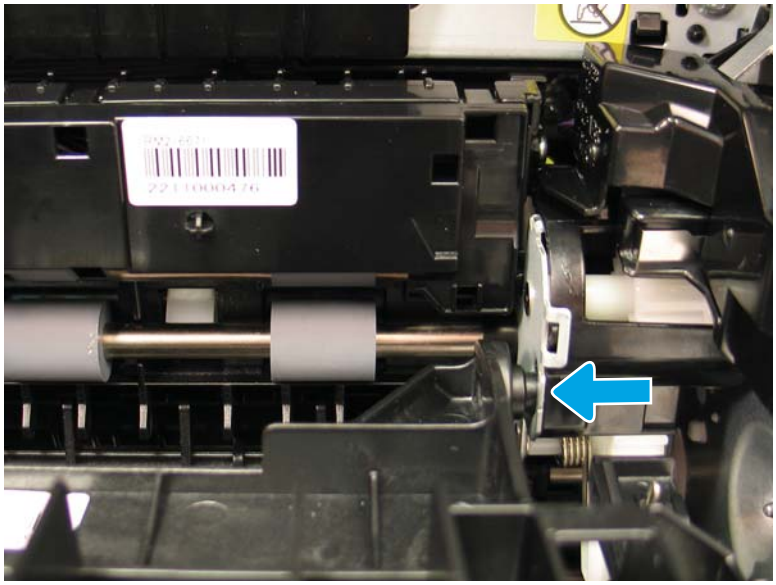
4. Lower the secondary transfer assembly and release it from the media detect assembly. Release the blue lever on the left, and then lower the secondary transfer assembly to the lowest position.

Figure 1-2081 Lower the secondary transfer assembly



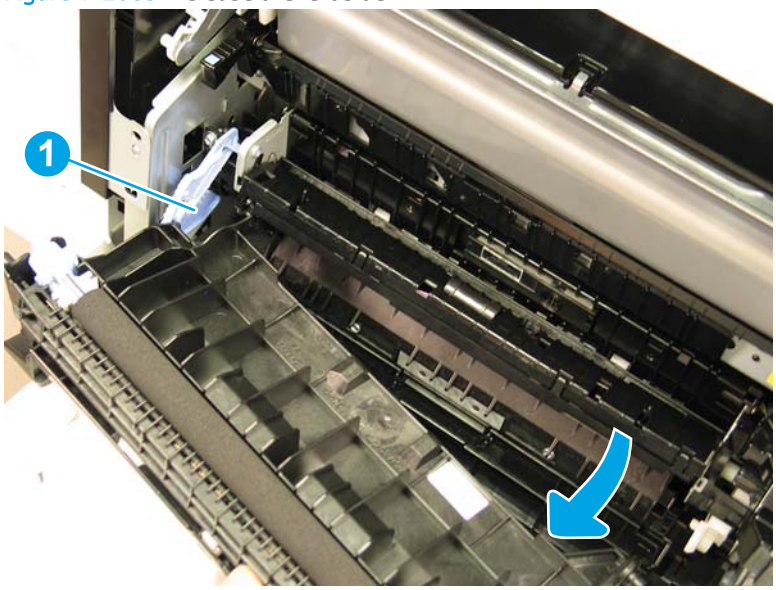
5. Release the right hinge by gently pushing left where the hinge attaches to the printer.

Figure 1-2082 Release the right hinge



6. Rotate the right side of the assembly away from the printer, and then release the left side of the assembly from the blue link arm (callout 1).

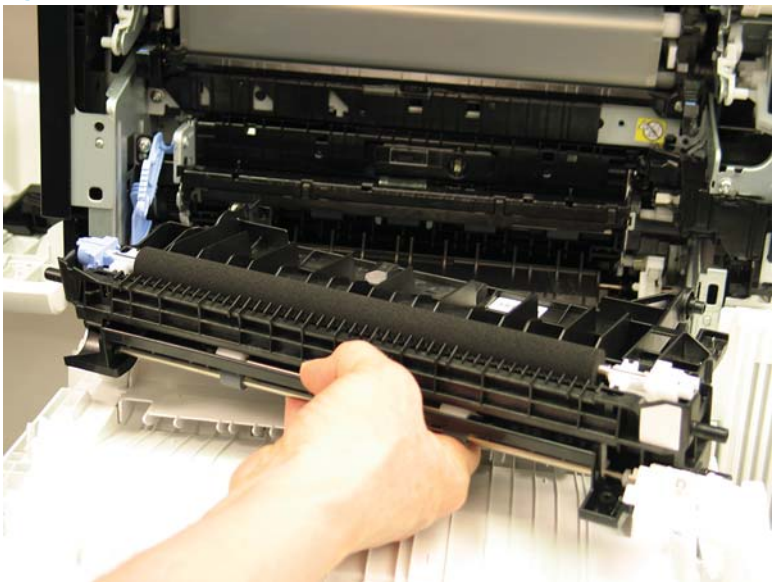
Figure 1-2083 Release the left side



7. Lift the secondary transfer assembly up to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

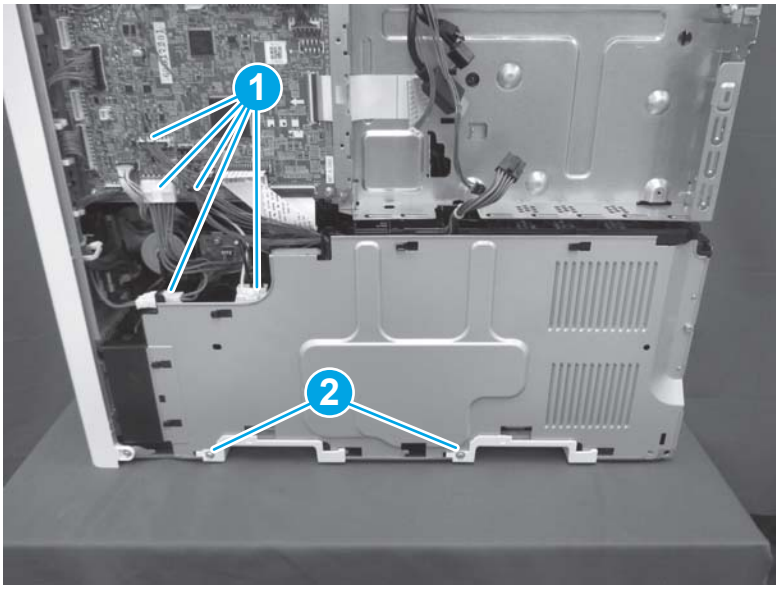
Figure 1-2084 Remove the secondary transfer assembly



Step 8: Remove the low-voltage power supply (LVPS) and fan

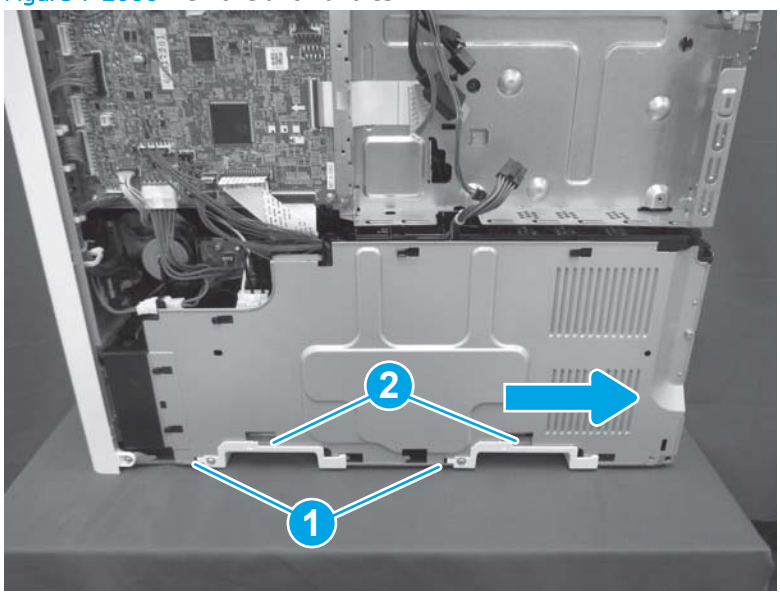
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-2085 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

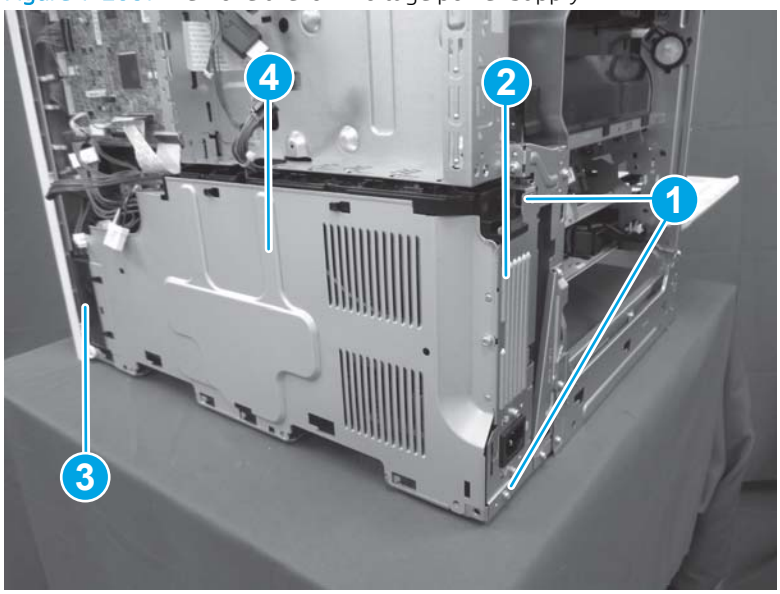
Figure 1-2086 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

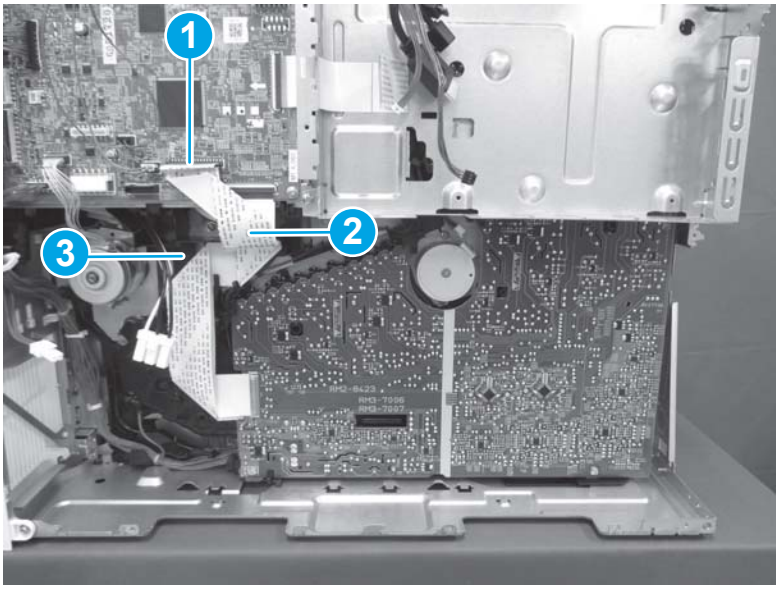
Figure 1-2087 Remove the low-voltage power supply



Step 9: Remove the lower high voltage power supply (HVPS)

1. Disconnect one connector (callout 1), and then remove the fla cable (callout 2) from the cable guide (callout 3).

Figure 1-2088 Disconnect one connector

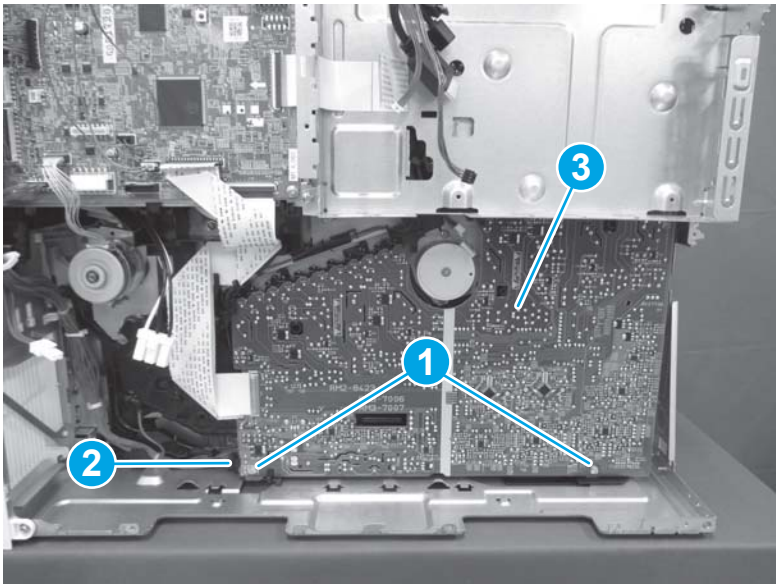


2. Remove two screws (callout 1), release one tab (callout 2), and then remove the lower HVPS (callout 3).

NOTE: These screws have washers attached. Make sure that they are reinstalled in the lower HVPS board.

Reinstallation tip: Reverse the removal steps to install the assembly.

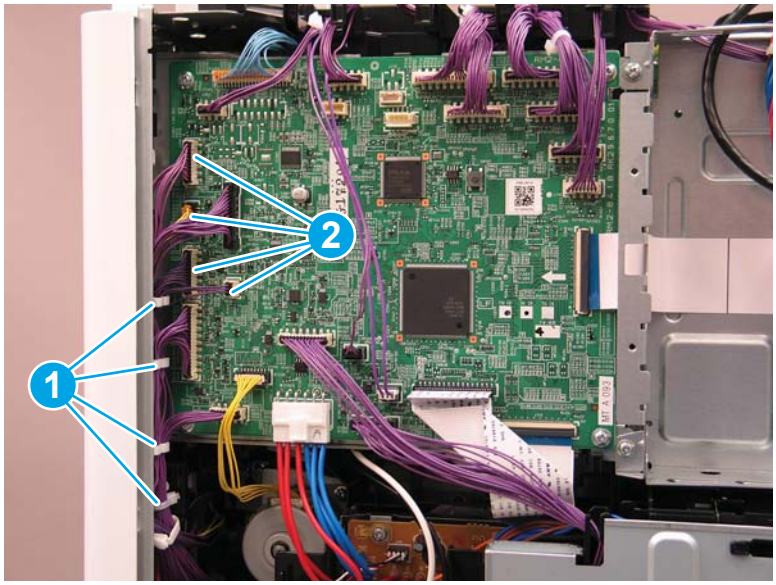
Figure 1-2089 Remove two screws and release one tab



Step 10: Remove the registration assembly

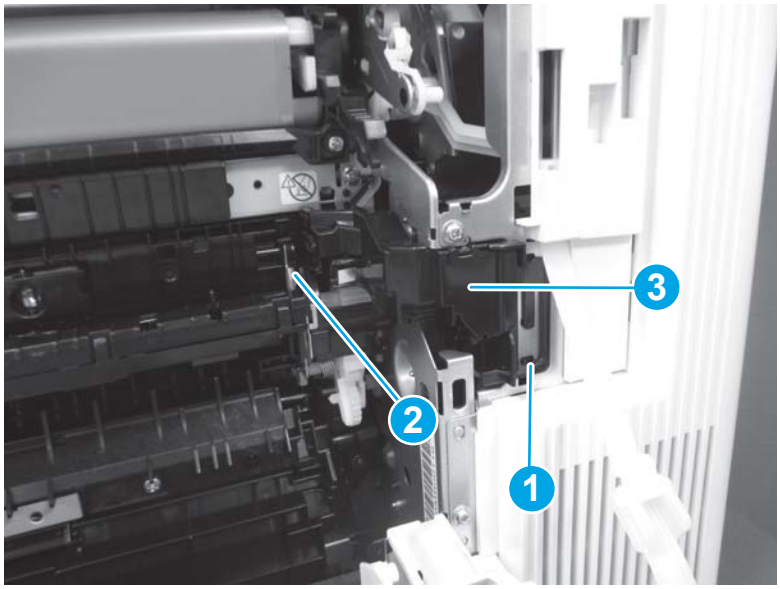
1. Release the cables from four retainers (callout 1), and then disconnect four connectors (callout 2).

Figure 1-2090 Disconnect four connectors



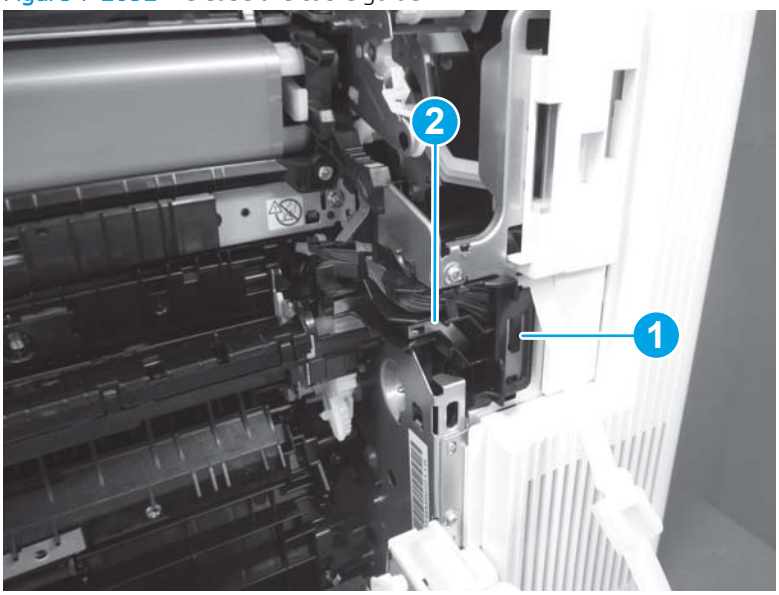
2. Release one tab (callout 1), release one boss (callout 2), and then remove the connector cover (callout 3).

Figure 1-2091 Remove the connector cover



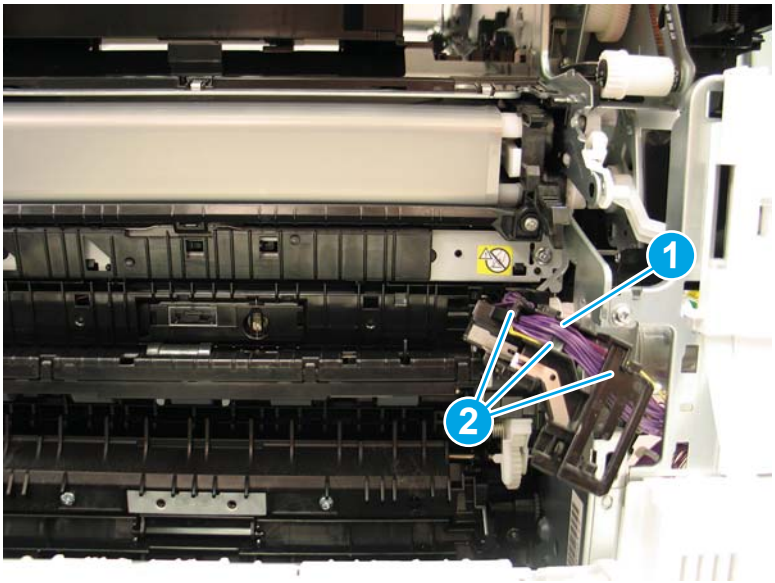
3. Release one tab (callout 1), and then slide the cable guide (callout 2) down to release it.

Figure 1-2092 Release the cable guide



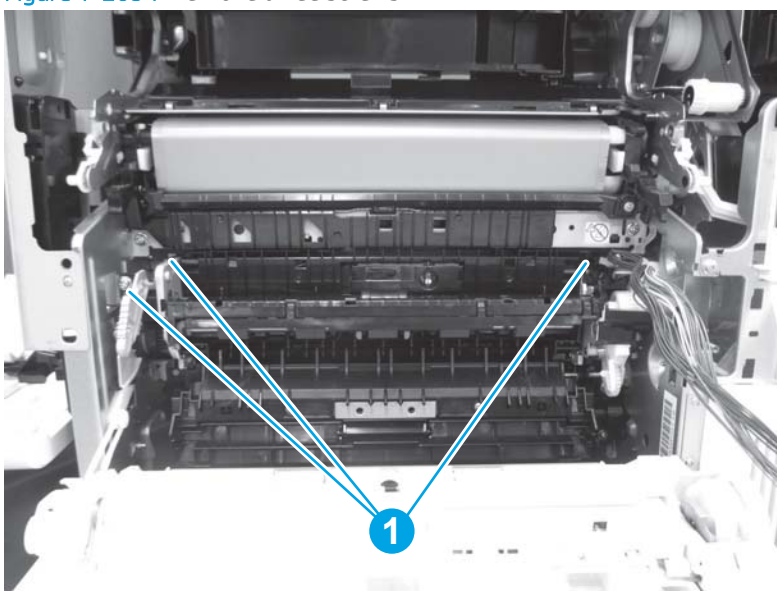
4. Release the cable (callout 1) from the cable guide (callout 2).

Figure 1-2093 Remove the cable guide



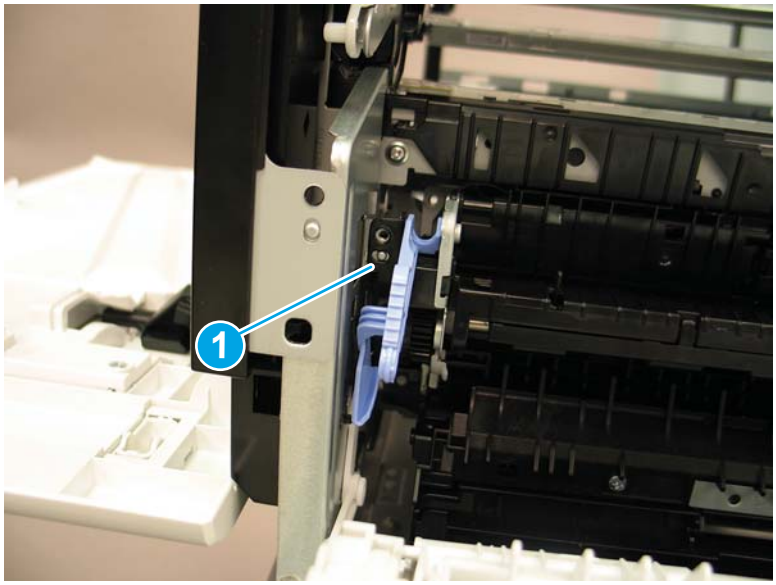
5. Remove three screws (callout 1).

Figure 1-2094 Remove three screws



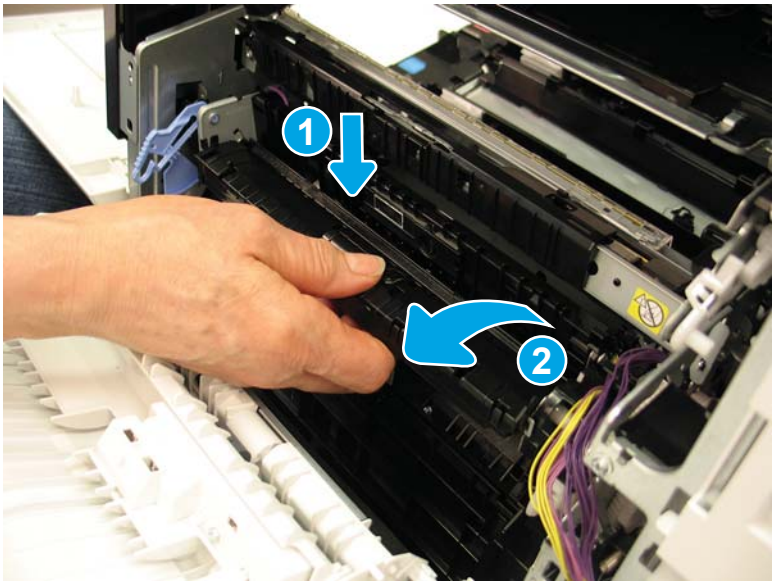
6. Release the assembly from the guide pin (callout 1) on the left side of the assembly.

Figure 1-2095 Release the assembly from the guide pin



7. Press downward on the left side of the assembly (callout 1), and then rotate the assembly away from the printer (callout 2) to release the hooks that go through the sheet metal on the back of the assembly. Remove the registration assembly.

Figure 1-2096 Remove the registration assembly

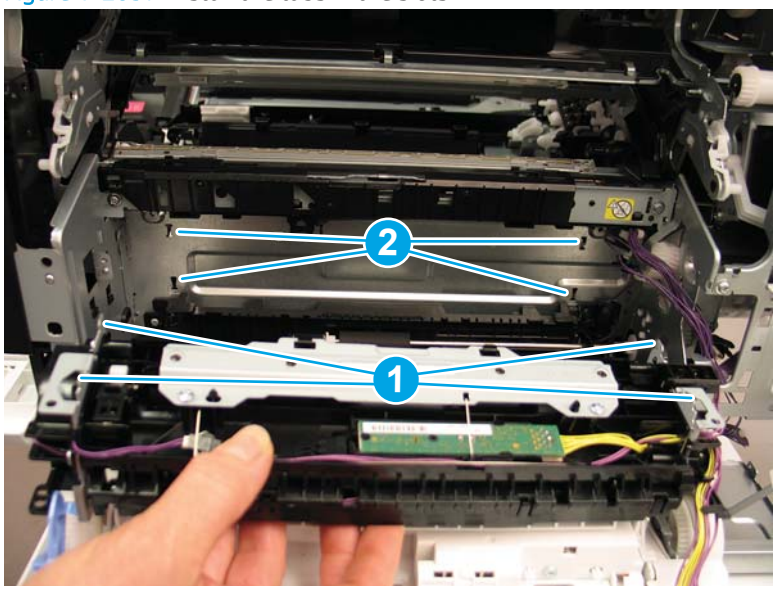


8. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Registration assembly

a. Install the tabs (callout 1) on the registration assembly into the slots (callout 2) in the printer.

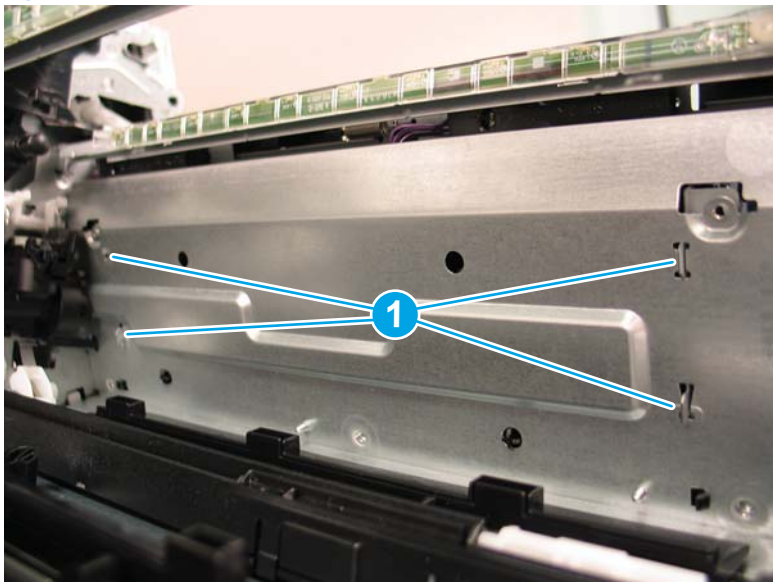
Figure 1-2097 Install the tabs in the slots



b. Look inside the printer and make sure that the tabs (callout 1) are completely installed in the sheet metal before installing the screws.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-2098 Check the tabs



Step 11: Remove the feed roller assembly

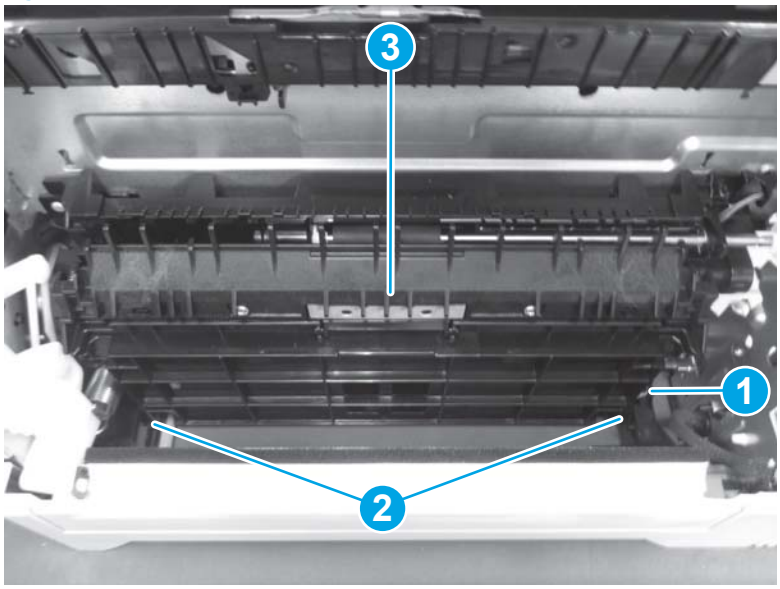
1. Unhook one spring (callout 1), release two hinge pins (callout 2), and then remove the feed guide (callout 3).

TIP: Needle-nose pliers work well for unhooking the spring.

IMPORTANT: The spring (callout 1) is not captive. Do not lose the spring.

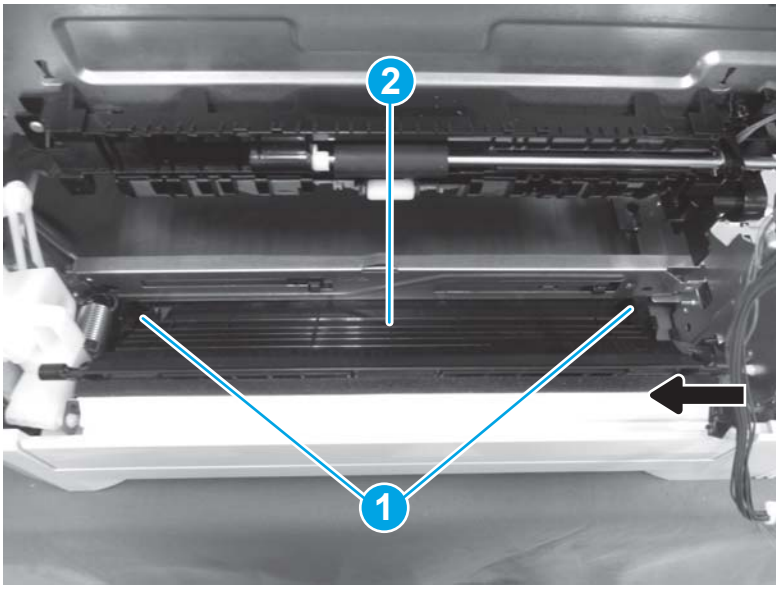
Reinstallation tip: Make sure to reattach the spring (callout 1).

Figure 1-2099 Remove the feed guide



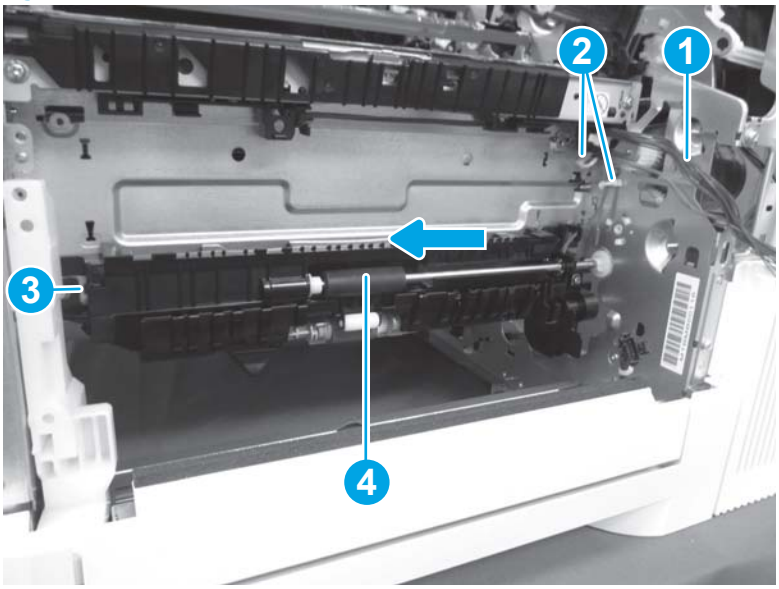
2. Release two hinge pins (callout 1), and then remove the feed guide (callout 2).

Figure 1-2100 Remove the feed guide



3. Release the cable (callout 1) from the retainers (callout 2). Release one tab (callout 3), and then slide the feed roller assembly (callout 4) to the left to remove it.

Figure 1-2101 Remove the feed roller assembly

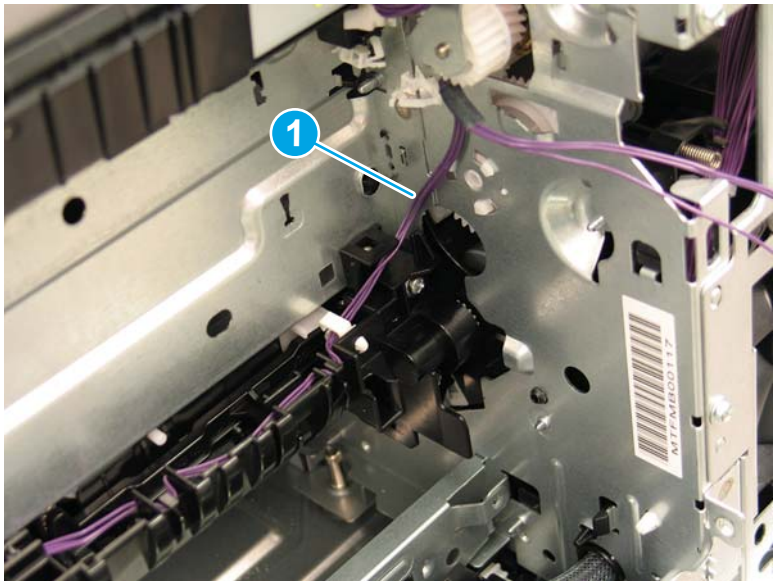


4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

Special installation instructions: Feed roller assembly

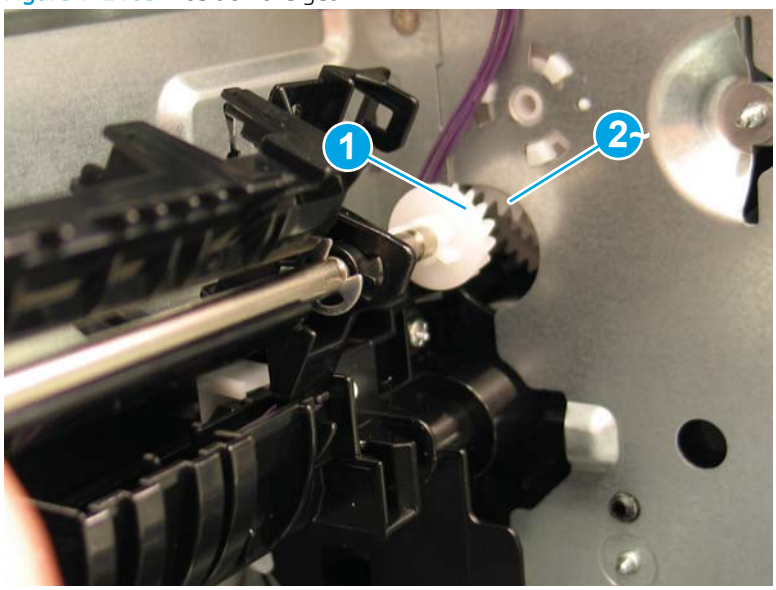
a. Before installing the feed roller assembly, make sure that the cable (callout 1) behind it is routed as shown so it is not pinched when the assembly is installed.

Figure 1-2102 Check the cable routing



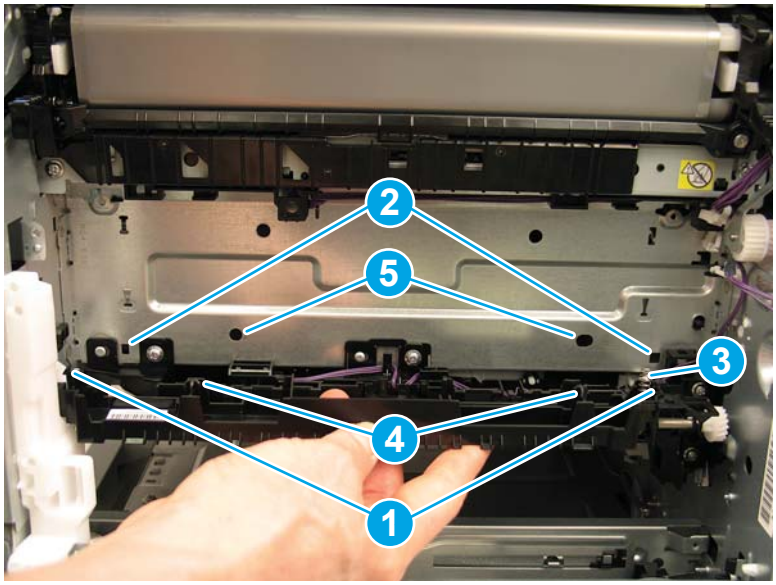
b. Align the gear (callout 1) with the gear (callout 2) through the opening in the sheet metal.

Figure 1-2103 Position the gear



c. Beginning at the right side, install the tabs (callout 1) on the assembly into the slots (callout 2) in the sheet metal. Make sure that the spring (callout 3) is not folded over. Position the right tab through the sheet metal and hold it, and then position the left tab near the sheet-metal hole. Gently push on the left tab to fully seat the guide pins (callout 4) in the holes (callout 5) in the assembly.

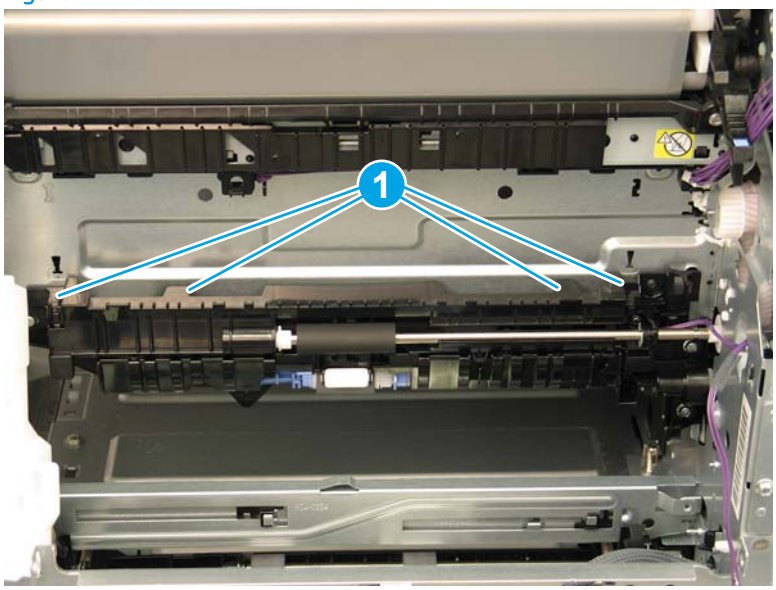
Figure 1-2104 Install the tabs



d. Make sure that the tabs (callout 1) are positioned correctly in the sheet metal slots.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

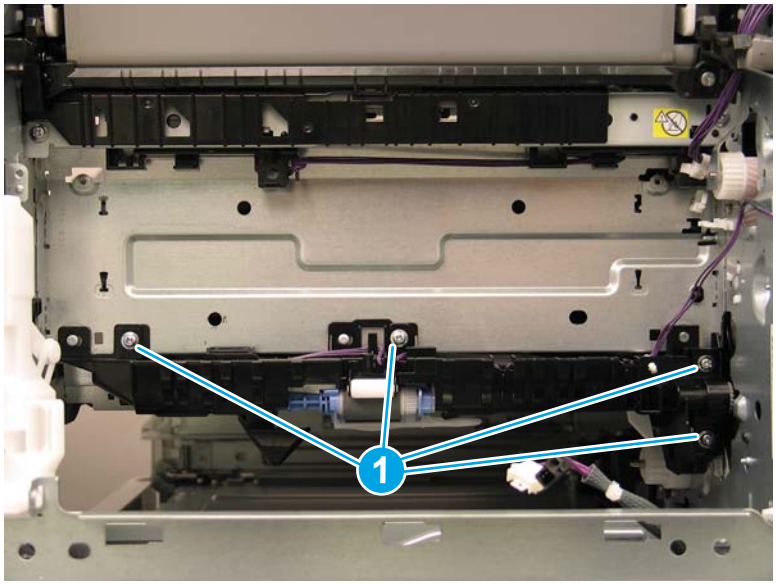
Figure 1-2105 Check the tabs



Step 12: Remove the pickup assembly

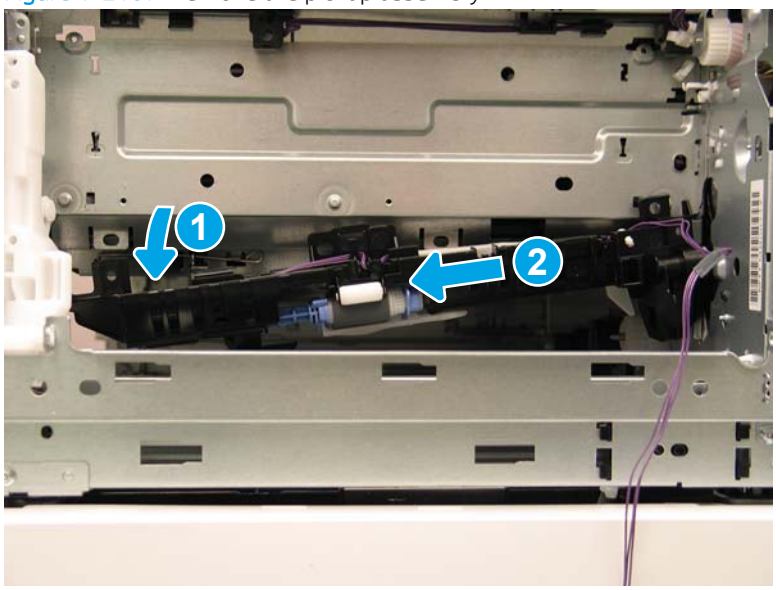
1. Remove four screws (callout 1).

Figure 1-2106 Remove four screws



2. Lower the left side of the assembly (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-2107 Remove the pickup assembly



3. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

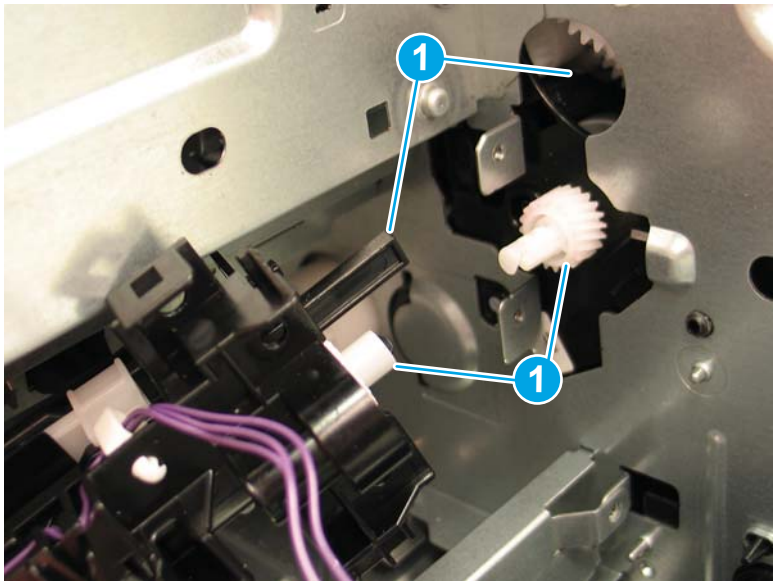
Reinstallation tip: Reverse the removal steps to install the assembly.

Special installation instructions: Pickup assembly

- Position the shaft on the assembly through the opening in the sheet metal (callout 1). Align the white gear on the assembly with the white gear (callout 2) on the printer.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Figure 1-2108 Position the shaft and gear



Step 13: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drawer connector and holder

- Introduction
- Step 1: Remove the formatter cover
- Step 2: Remove the left rear cover
- Step 3: Remove the rear cover
- Step 4: Remove the low-voltage power supply (LVPS) and fan
- Step 5: Remove the lower high-voltage power supply
- Step 6: Remove the drawer connector and holder
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drawer connector and holder.

M652/M653/E65050/E65060/E65150/E65160 connector:

Click here to view a video of this procedure.

M652/M653/E65050/E65060/E65150/E65160 holder:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660 connector:

Click here to view a video of this procedure.

M681/M682/E67550/E67560/E67650/E67660 holder:

Click here to view a video of this procedure.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Disconnect the power cable.

WARNING! To avoid damage to the printer, turn the printer off wait 30 seconds, and then remove the power cable before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drawer connector and holder part numbers	
VS1-7258-012CN	Connector
RC4-6497-000CN	Drawer connector holder

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

Make sure that the printer initializes to a **Ready** state.

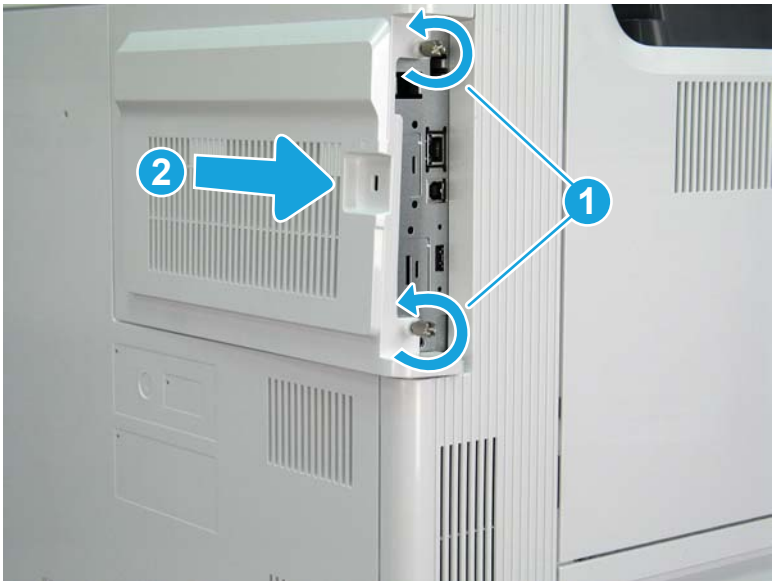
Print a configuratio page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

▲ Unscrew two thumbscrews (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

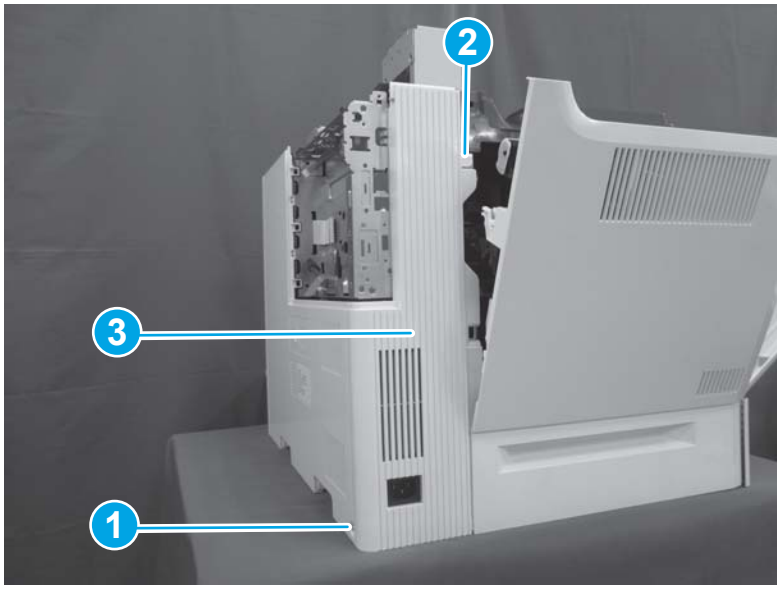
Figure 1-2109 Remove the formatter cover



Step 2: Remove the left rear cover

1. Open the left door. Remove one screw (callout 1), release one boss (callout 2), and then remove the left rear cover (callout 3).

Figure 1-2110 Remove the left rear cover



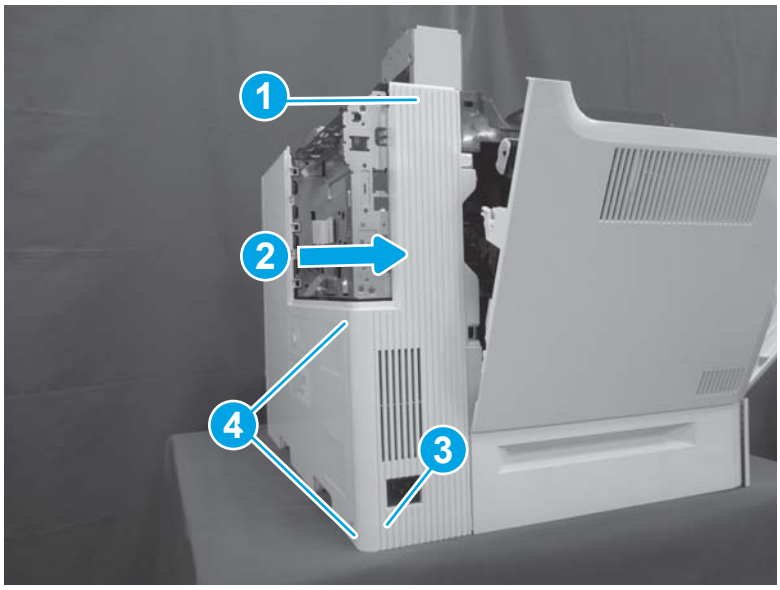
2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Left rear cover

▲ Position the top of the cover (callout 1) first and then slide the cover to the right (callout 2). Push the left lower corner (callout 3) toward the rear of the printer to engage two tabs (callout 4) in the slots on the rear cover.

Figure 1-2111 Install the left rear cover

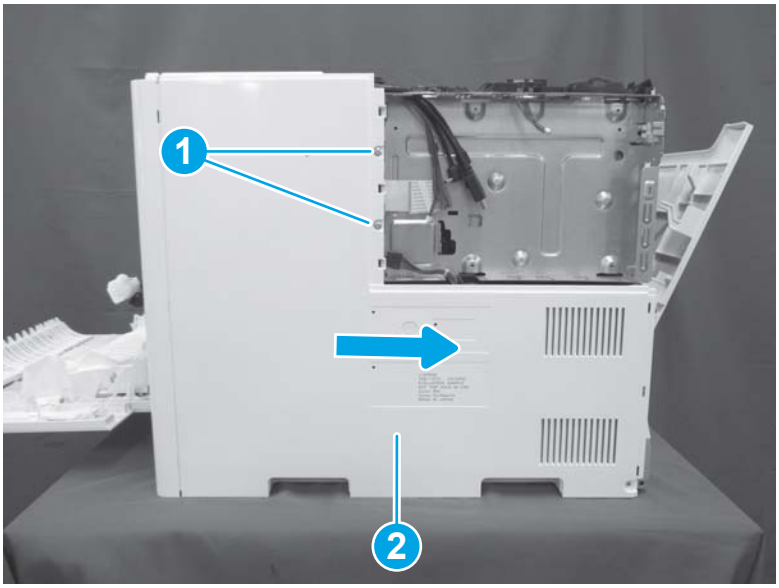


Step 3: Remove the rear cover

▲ Remove two screws (callout 1), and then slide the rear cover (callout 2) to the right to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

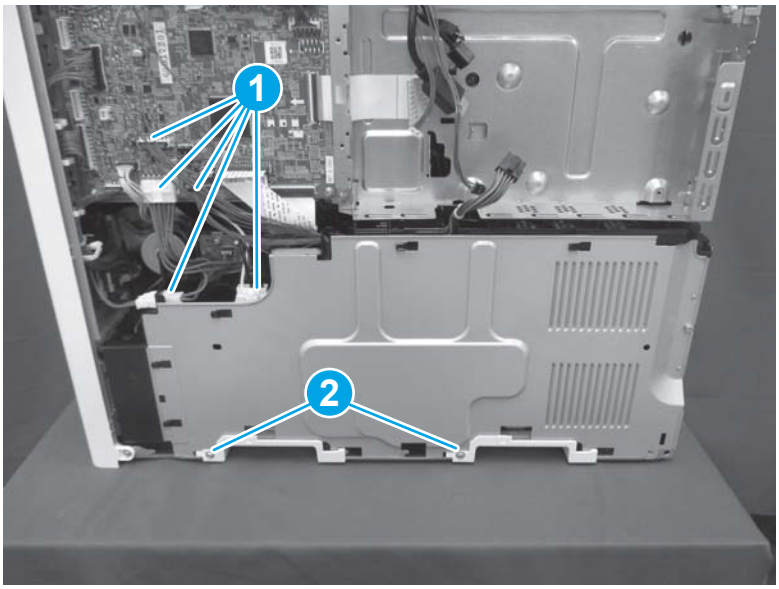
Figure 1-2112 Remove two screws and the rear cover



Step 4: Remove the low-voltage power supply (LVPS) and fan

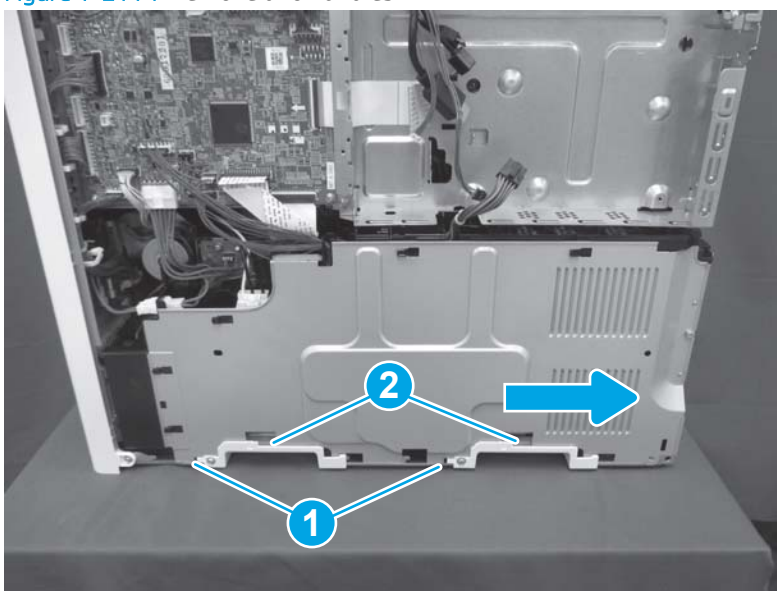
1. Disconnect fiv connectors (callout 1), and then remove two screws (callout 2).

Figure 1-2113 Disconnect fiv connectors and remove two screws



2. Release two tabs (callout 1). and then slide two handles (callout 2) to the right to remove them.

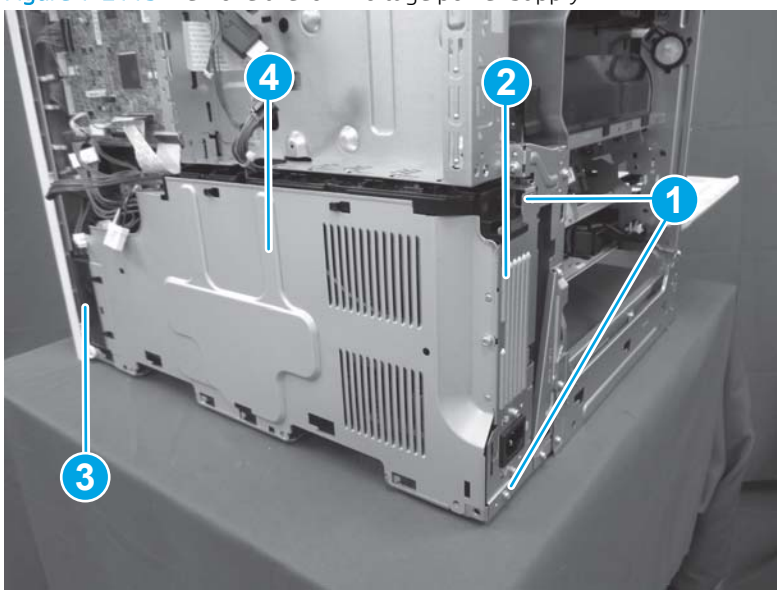
Figure 1-2114 Remove two handles



3. Remove two screws (callout 1). Remove the low-voltage power supply (callout 2) together with the power supply fan (callout 3) and the low-voltage power supply cover (callout 4).

NOTE: The upper screw is recessed inside the printer just above the upper right corner of the LVPS. The lower screw is located between the locator pins at the bottom of the assembly.

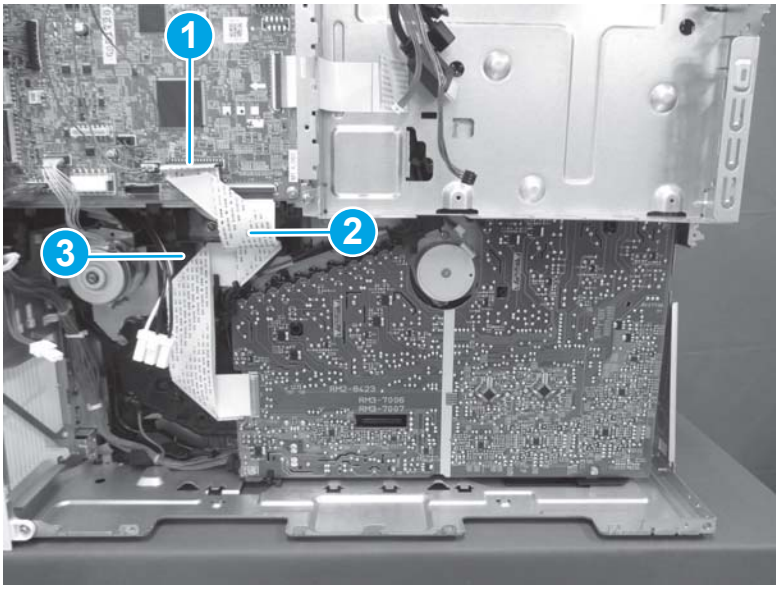
Figure 1-2115 Remove the low-voltage power supply



Step 5: Remove the lower high-voltage power supply

1. Disconnect one connector (callout 1), and then remove the fla cable (callout 2) from the cable guide (callout 3).

Figure 1-2116 Disconnect one connector

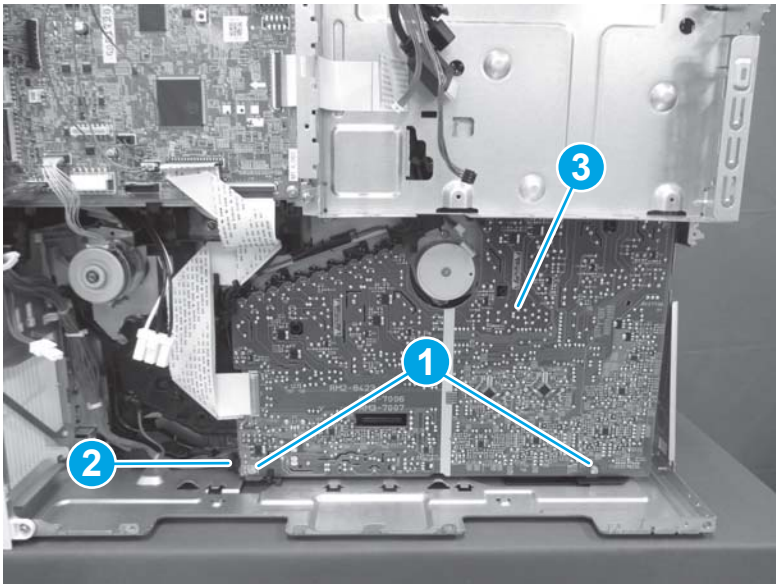


2. Remove two screws (callout 1), release one tab (callout 2), and then remove the lower HVPS (callout 3).

NOTE: These screws have washers attached. Make sure that they are reinstalled in the lower HVPS board.

Reinstallation tip: Reverse the removal steps to install the assembly.

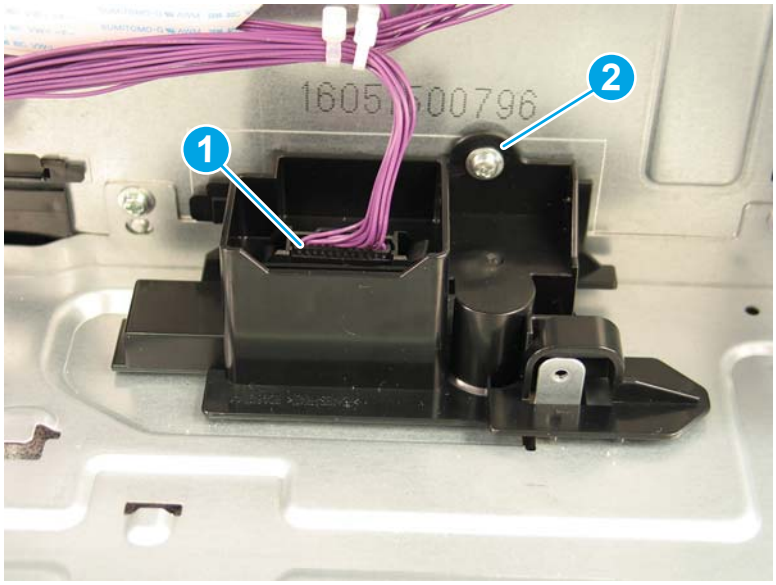
Figure 1-2117 Remove two screws and release one tab



Step 6: Remove the drawer connector and holder

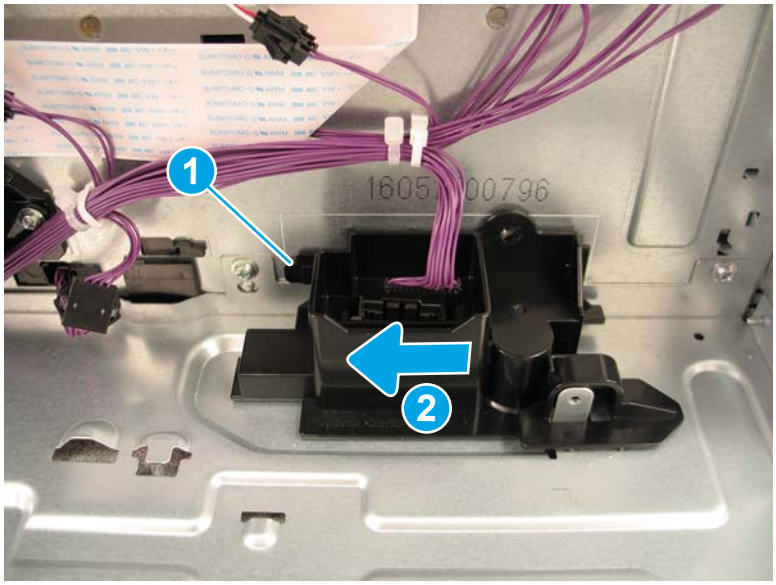
1. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-2118 Disconnect one connector and remove one screw



2. Release one tab (callout 1), and then slide the connector holder (callout 2) to the left to remove it.

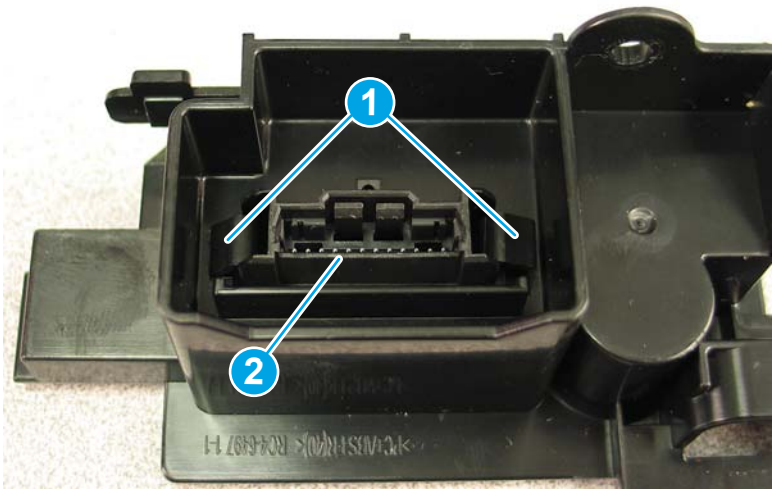
Figure 1-2119 Remove the connector holder



3. Release two tabs (callout 1), and then remove the connector (callout 2) from the holder.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2120 Remove the connector from the holder



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Trays

- Removal and replacement: Tray 2 and optional 550-sheet Trays 3–5
- Removal and replacement: Tray 4 (2,500-sheet paper feeder with stand)

Removal and replacement: Tray 2 and optional 550-sheet Trays 3–5

- Introduction
- Step 1: Remove the 550-sheet paper tray
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace Tray 2 and optional 550-sheet Trays 3–5.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Tray part numbers	
RM2-6935-000CN	Cassette assembly (1x550-sheet paper feeder)
RM2-1231-000CN	Cassette assembly (3x550-sheet paper feeder with stand)
RM2-1219-000CN	Cassette assembly (1x550-sheet paper feeder with stand and Tray 3 of 2,500-sheet paper feeder with stand))

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the 550-sheet paper tray

NOTE: Tray 2 is shown in the figure below. The procedure is the same for all of the 550-sheet paper trays.

1. Pull the tray straight out of the printer until it stops.

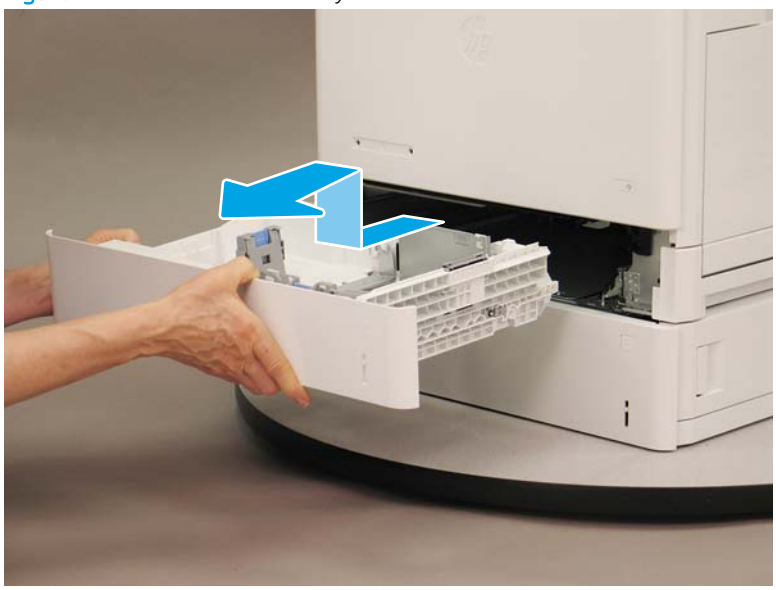
Figure 1-2121 Pull the tray out



2. Lift the front of the tray, and then pull it out of the printer to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2122 Remove the tray



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Tray 4 (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove Tray 4 (2,500-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the Tray 4 in the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Tray 4 (2,500-sheet paper feeder with stand) part number	
RM2-1220-000CN	Tray assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

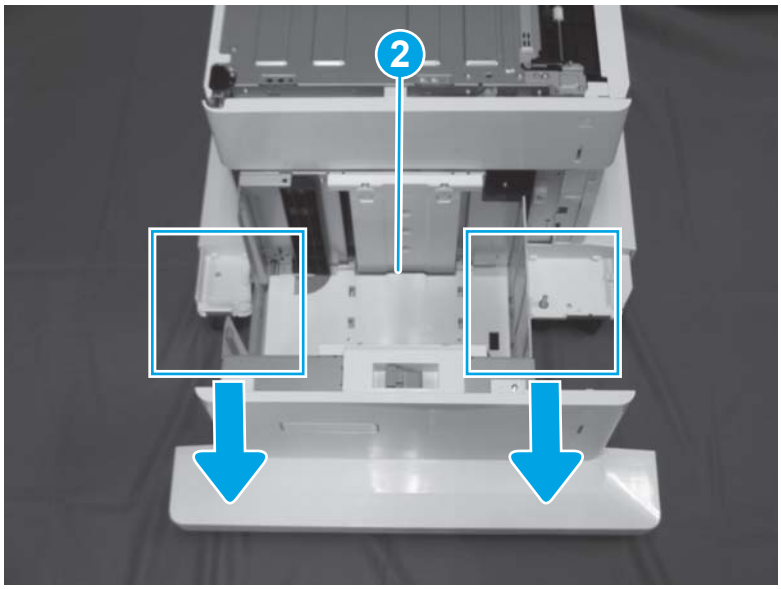
Step 1: Remove Tray 4 (2,500-sheet paper feeder with stand)

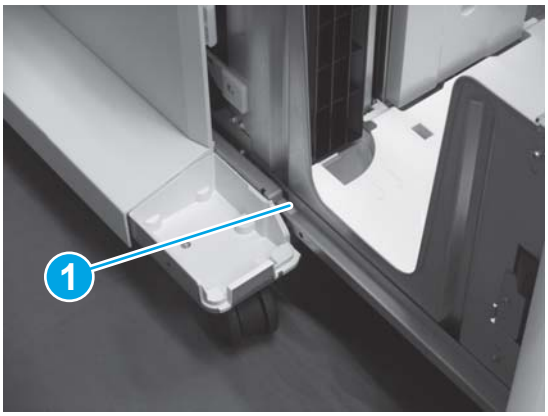
1. Open Tray 4.

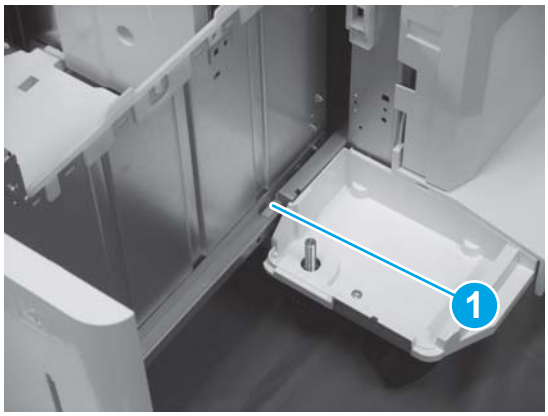
2. Press the right and left release levers at the base of the tray (callout 1), and then pull Tray 4 (callout 2) away from the feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2123 Remove Tray 4







Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Input accessories

- Removal and replacement: 550-sheet paper feeder
- Removal and replacement: 1x550-sheet paper feeder with stand
- Removal and replacement: 3x550-sheet paper feeder with stand
- Removal and replacement: 2,550-sheet paper feeder with stand

Removal and replacement: 550-sheet paper feeder

- Removal and replacement: Right door link (550-sheet paper feeder)
- Removal and replacement: Right door (550-sheet paper feeder)
- Removal and replacement: Rear cover (550-sheet paper feeder)
- Removal and replacement: Left cover (550-sheet paper feeder)
- Removal and replacement: Right lower cover (550-sheet paper feeder)
- Removal and replacement: Auto-close assembly (550-sheet paper feeder)
- Removal and replacement: Drive assembly (550-sheet paper feeder)
- Removal and replacement: Lifter drive assembly (550-sheet paper feeder)
- Removal and replacement: Paper feed assembly (550-sheet paper feeder)
- Removal and replacement: Paper pickup assembly (550-sheet paper feeder)
- Removal and replacement: Paper feeder controller PCA (550-sheet paper feeder)
- Removal and replacement: Size-detect switch (550-sheet paper feeder)
- Removal and replacement: Upper drawer holder and cable assembly (550-sheet paper feeder)
- Removal and replacement: Lower drawer holder cable assembly (550-sheet paper feeder)

Removal and replacement: Right door link (550-sheet paper feeder)

- Introduction
- Step 1: Remove the right door link (550-sheet paper feeder)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door link on the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door link part number	
RC4-1778-000CN	Link, door

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

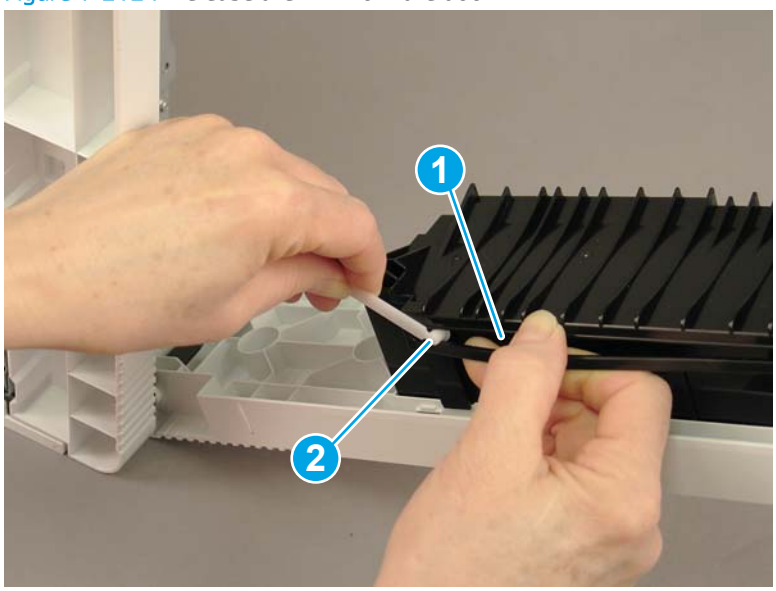
Step 1: Remove the right door link (550-sheet paper feeder)

1. Open the right door.

2. Slightly fle the slot in the lower edge of the right door (callout 1) and release the end of the link (callout 2) from the door.

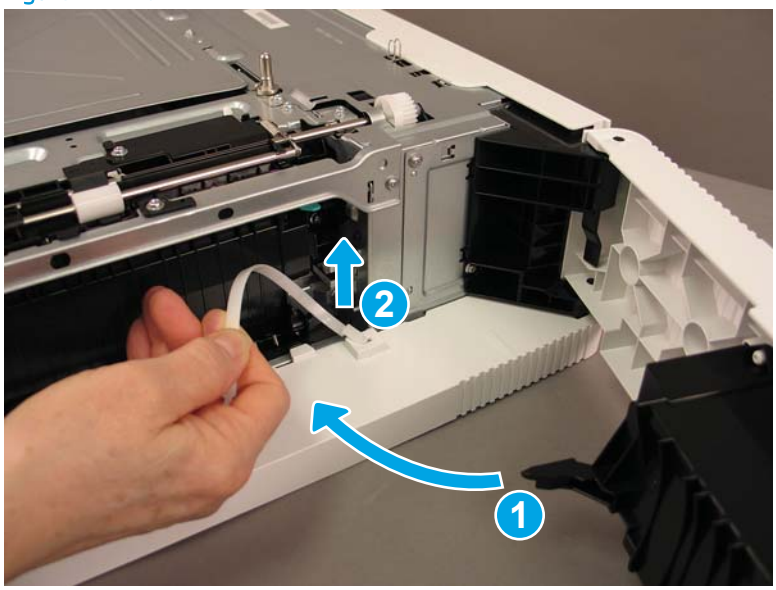
TIP: Position the paper feeder with the back side facing down on a fla surface to allow easier access to the lower edge of the door.

Figure 1-2124 Release the link from the door



3. Rotate the link so that the tab on the link (callout 1) aligns with the opening in the paper feeder. Lift the link up (callout 2) to remove it.

Figure 1-2125 Remove the link



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door (550-sheet paper feeder)

- Introduction
- Step 1: Remove the right door link (550-sheet paper feeder)
- Step 2: Remove the right door (550-sheet paper feeder)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door on the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door (550-sheet paper feeder) part number	
RM2-6937-000CN	Right door assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

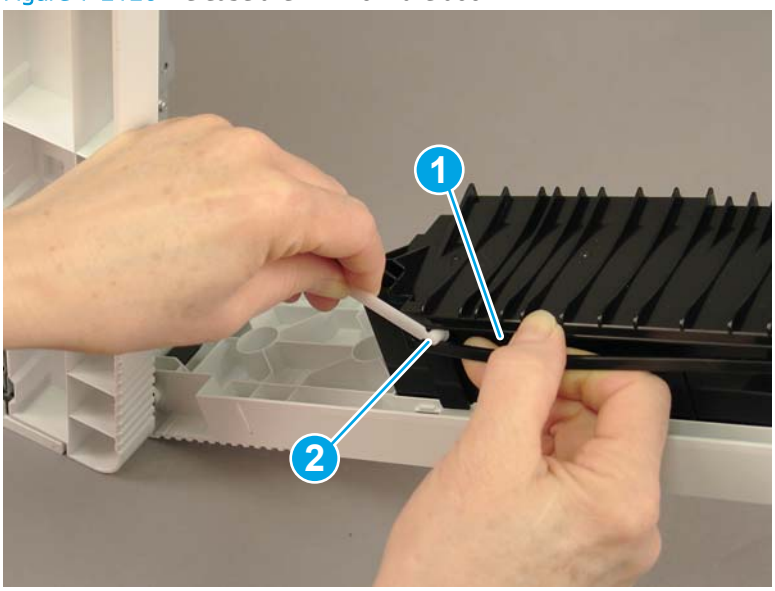
Step 1: Remove the right door link (550-sheet paper feeder)

1. Open the right door.

2. Slightly fle the slot in the lower edge of the right door (callout 1) and release the end of the link (callout 2) from the door.

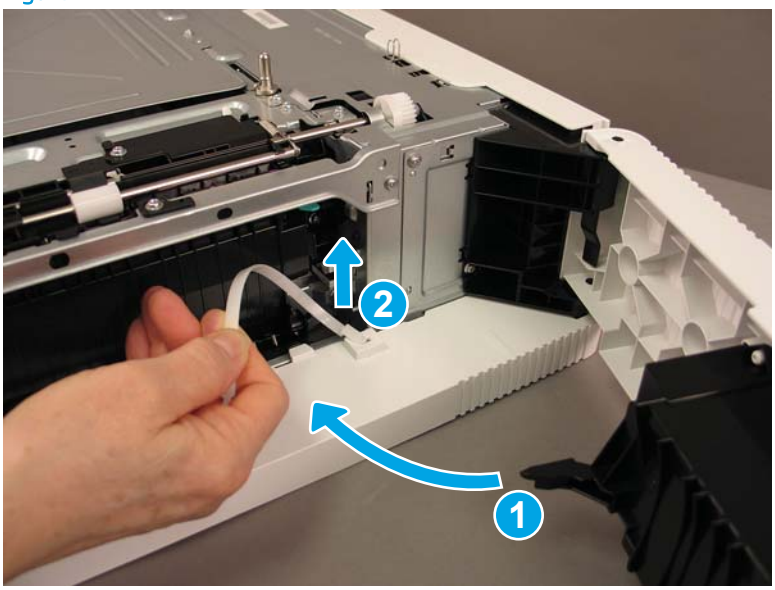
TIP: Position the paper feeder with the back side facing down on a fla surface to allow easier access to the lower edge of the door.

Figure 1-2126 Release the link from the door



3. Rotate the link so that the tab on the link (callout 1) aligns with the opening in the paper feeder. Lift the link up (callout 2) to remove it.

Figure 1-2127 Remove the link

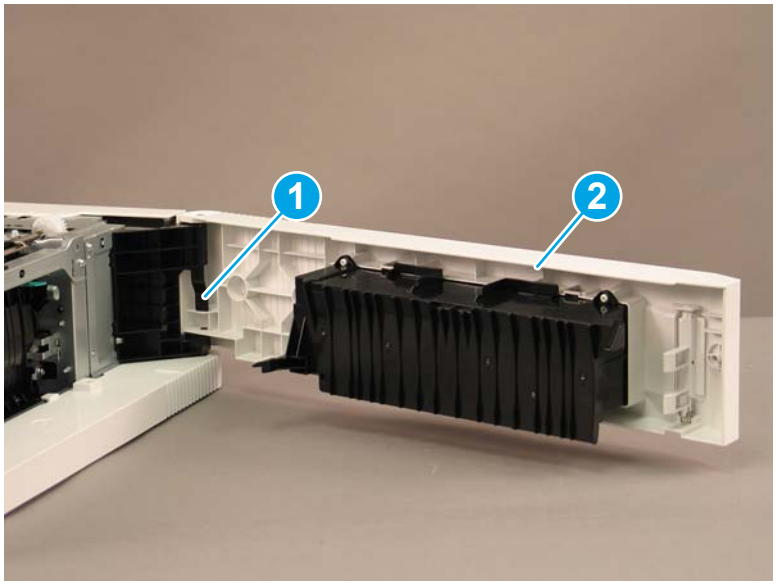


Step 2: Remove the right door (550-sheet paper feeder)

▲ Release one tab (callout 1), and then slide the right door (callout 2) up to remove it

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2128 Release one tab and remove the right door



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear cover (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear cover on the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear cover (550-sheet paper feeder) part number	
RC4-7683-000CN	Cover, rear

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

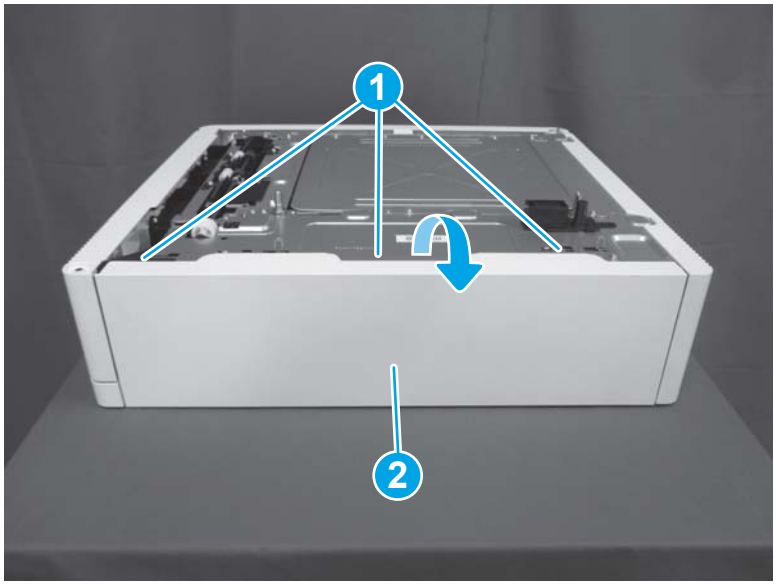
No post service test is available for this assembly.

Step 1: Remove the rear cover (550-sheet paper feeder)

- Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

  Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2129 Remove the rear cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left cover (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the left cover (550-sheet paper feeder)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left cover for the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left cover (550-sheet paper feeder) part number	
RC4-7682-000CN	Cover, left

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

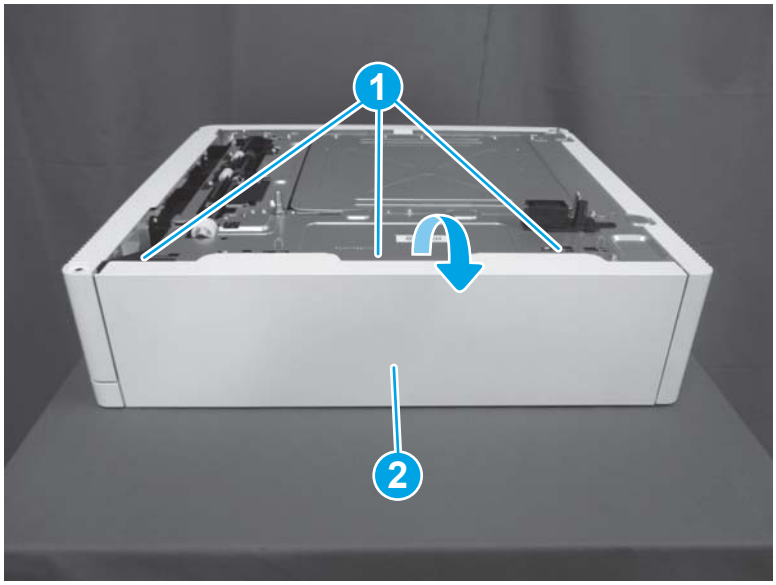
No post service test is available for this assembly.

Step 1: Remove the rear cover (550-sheet paper feeder)

- Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2130 Remove the rear cover

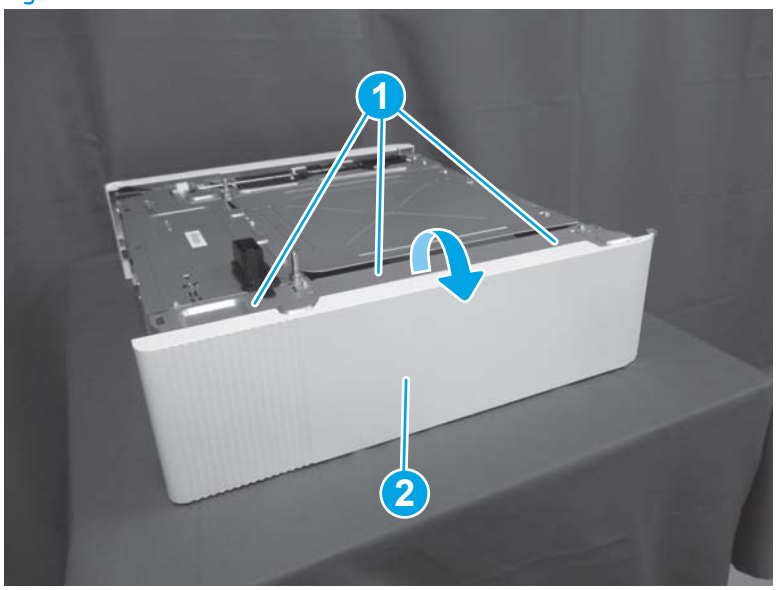


Step 2: Remove the left cover (550-sheet paper feeder)

1. Remove the 550-sheet paper feeder tray.
2. Release three tabs (callout 1), and then rotate the top of the left cover (callout 2) away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2131 Release three tabs and remove the cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right lower cover (550-sheet paper feeder)

- Introduction
- Step 1: Remove the right door link (550-sheet paper feeder)
- Step 2: Remove the right lower cover
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right lower cover on the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right lower cover (550-sheet paper feeder) part number	
RC4-7684-000CN	Cover, right lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

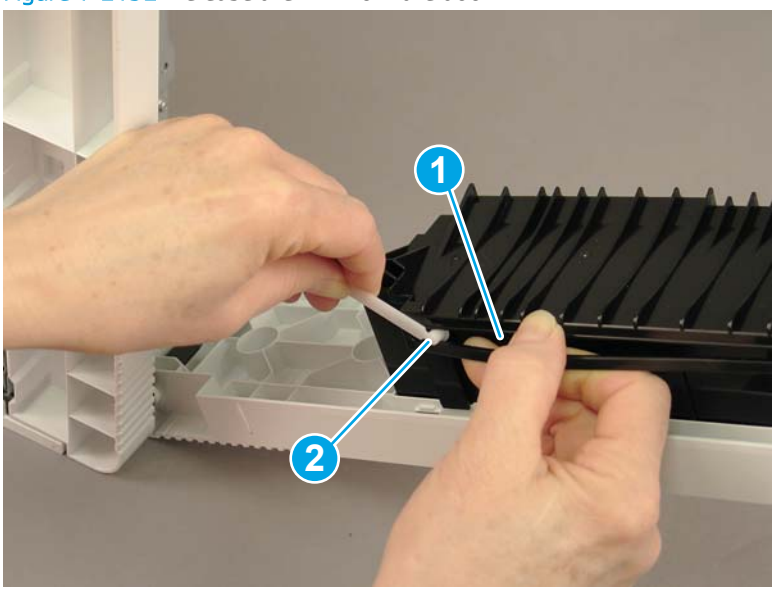
Step 1: Remove the right door link (550-sheet paper feeder)

1. Open the right door.

2. Slightly fle the slot in the lower edge of the right door (callout 1) and release the end of the link (callout 2) from the door.

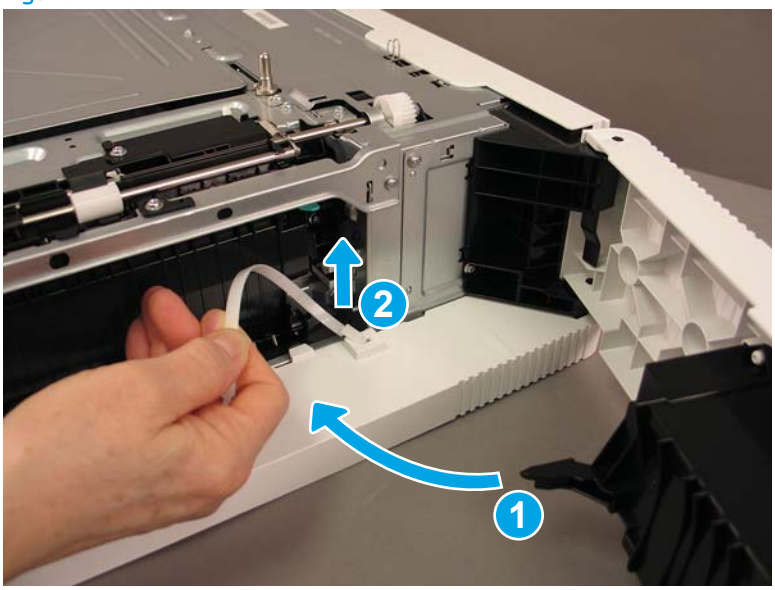
TIP: Position the paper feeder with the back side facing down on a fla surface to allow easier access to the lower edge of the door.

Figure 1-2132 Release the link from the door



3. Rotate the link so that the tab on the link (callout 1) aligns with the opening in the paper feeder. Lift the link up (callout 2) to remove it.

Figure 1-2133 Remove the link

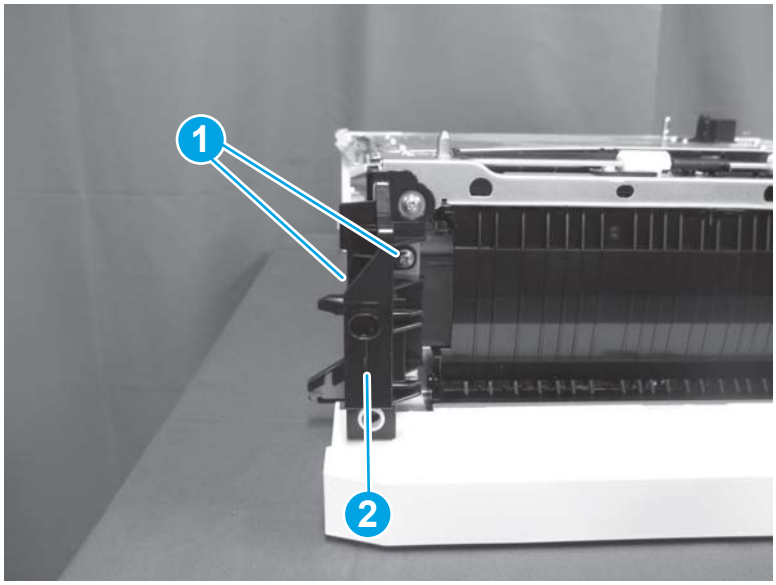


Step 2: Remove the right lower cover

1. Remove the 550-sheet paper feeder tray.

2. Remove two screws (callout 1), and then remove the front inner cover (callout 2).

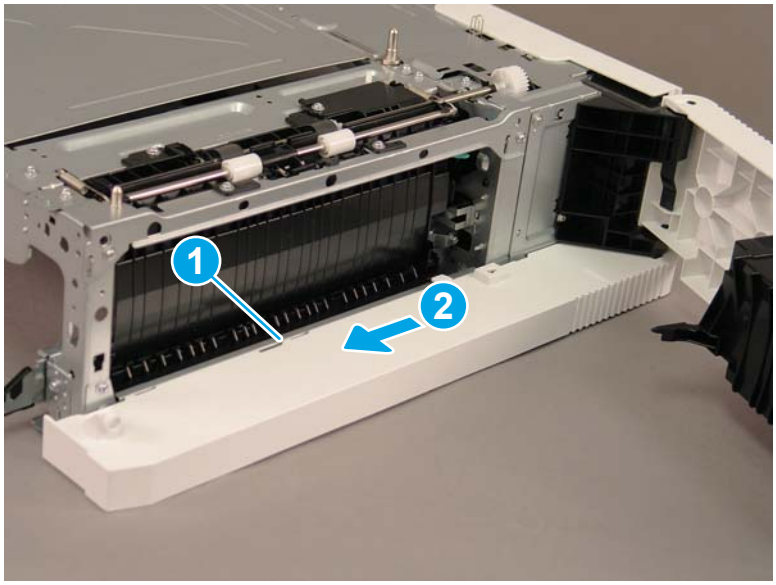
Figure 1-2134 Remove two screws and the front inner cover



3. Release one tab (callout 1), and then slide the right lower cover (callout 2) toward the front of the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2135 Remove the right lower cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Auto-close assembly (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the auto-close assembly (550-sheet paper feeder)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the auto-close assembly for the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Auto-close assembly (550-sheet paper feeder) part number	
RM2-5147-000CN	Auto-close assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

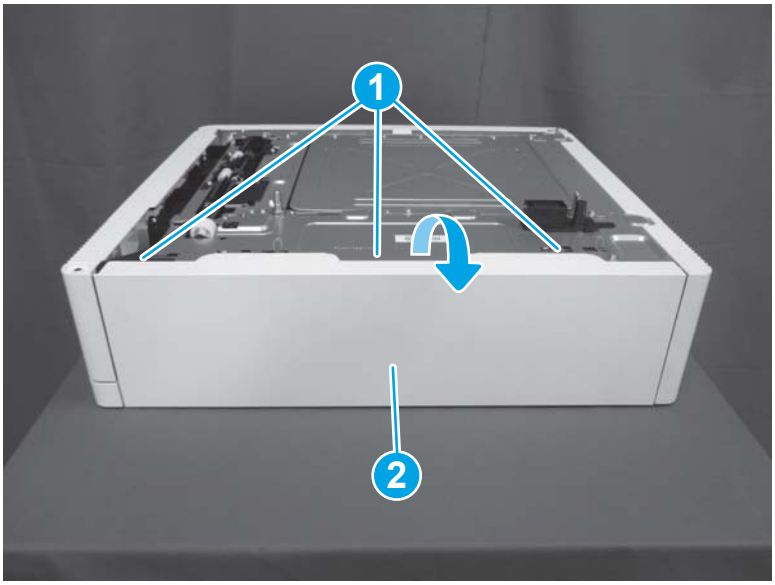
Slowly install the paper tray in the paper feeder. Verify that the auto-close assembly catches and pulls the tray completely closed.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2136 Remove the rear cover

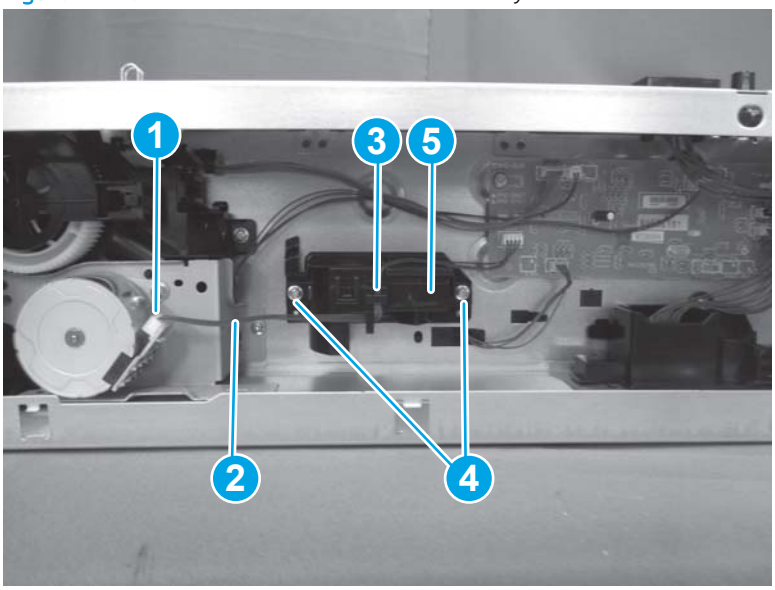


Step 2: Remove the auto-close assembly (550-sheet paper feeder)

1. Remove the 550-sheet paper feeder tray.
2. Disconnect one connector (callout 1), and then release the cable (callout 2) from the cable guide (callout 3). Remove two screws (callout 4), and then remove the auto-close assembly (callout 5).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2137 Remove the auto-close assembly



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drive assembly (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the right door link (550-sheet paper feeder)
- Step 3: Remove the right door (550-sheet paper feeder)
- Step 4: Remove the right lower cover (550-sheet paper feeder)
- Step 5: Remove the drive assembly
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drive assembly in the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drive assembly (550-sheet paper feeder) part number	
RM2-6934-000CN	Drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

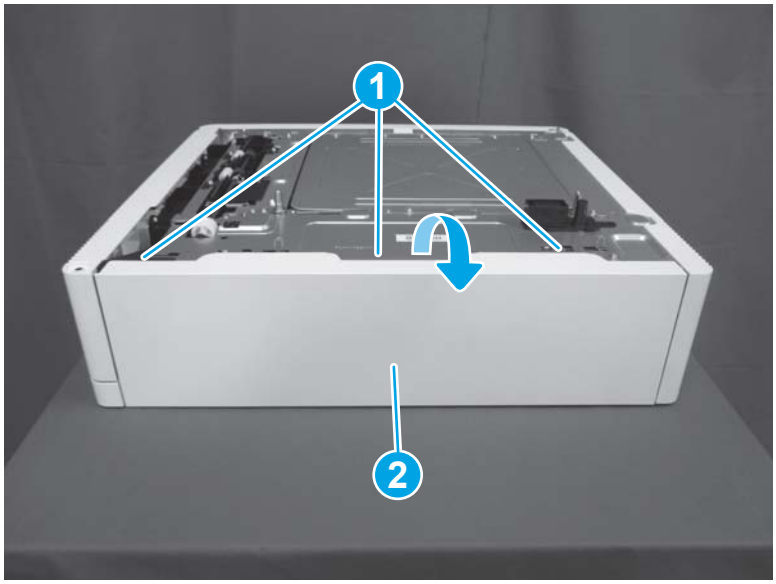
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2138 Remove the rear cover



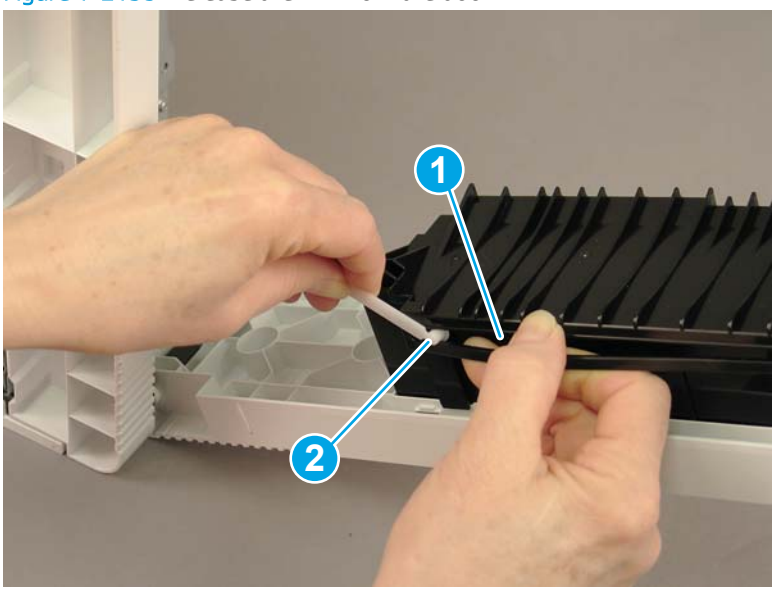
Step 2: Remove the right door link (550-sheet paper feeder)

1. Open the right door.

2. Slightly fle the slot in the lower edge of the right door (callout 1) and release the end of the link (callout 2) from the door.

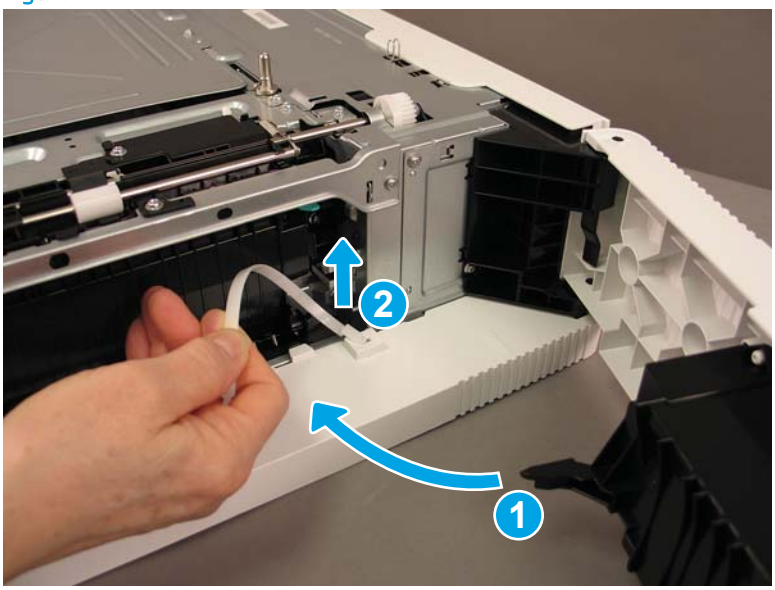
TIP: Position the paper feeder with the back side facing down on a fla surface to allow easier access to the lower edge of the door.

Figure 1-2139 Release the link from the door



3. Rotate the link so that the tab on the link (callout 1) aligns with the opening in the paper feeder. Lift the link up (callout 2) to remove it.

Figure 1-2140 Remove the link

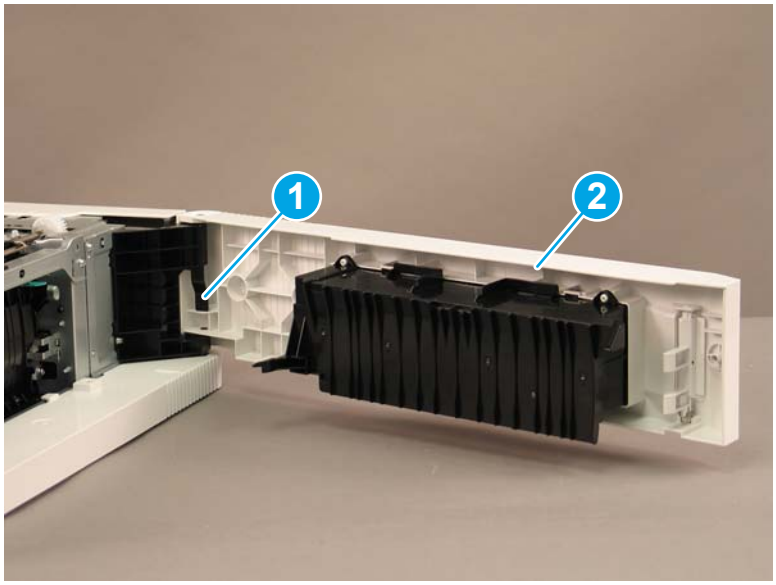


Step 3: Remove the right door (550-sheet paper feeder)

▲ Release one tab (callout 1), and then slide the right door (callout 2) up to remove it

Reinstallation tip: Reverse the removal steps to install the assembly.

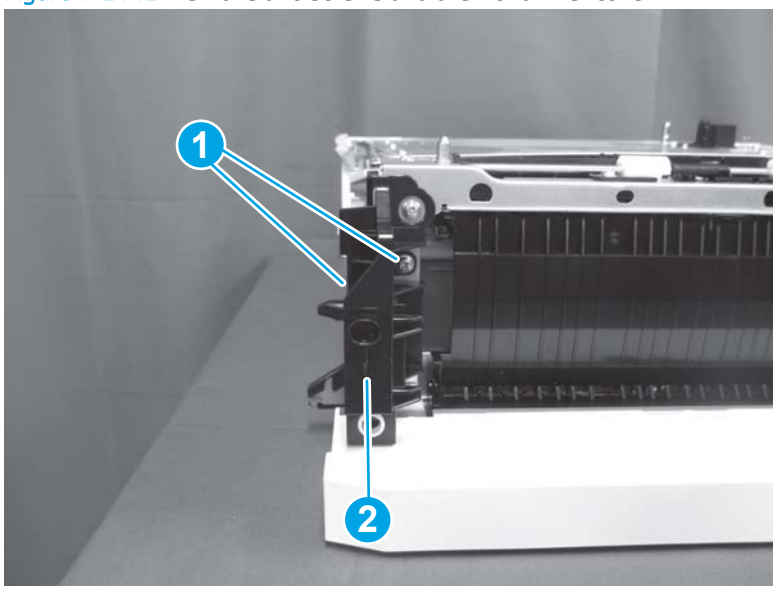
Figure 1-2141 Release one tab and remove the right door



Step 4: Remove the right lower cover (550-sheet paper feeder)

1. Remove the 550-sheet paper feeder tray.
2. Remove two screws (callout 1), and then remove the front inner cover (callout 2).

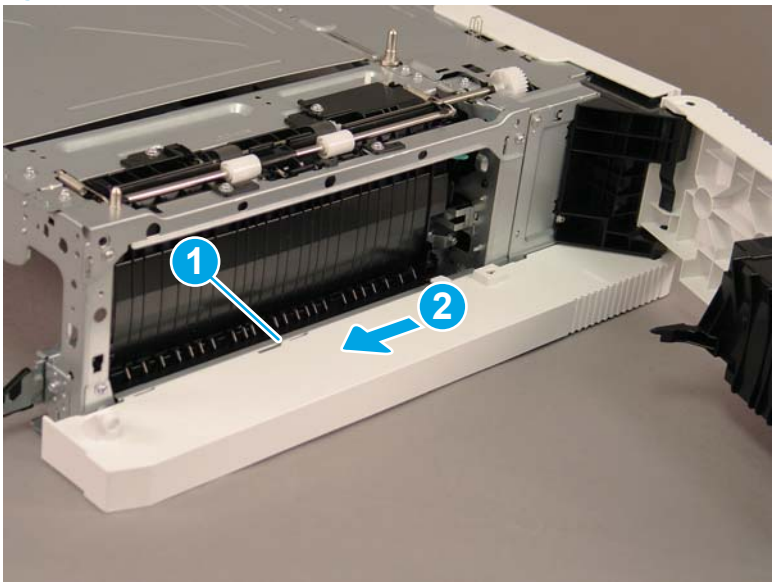
Figure 1-2142 Remove two screws and the front inner cover



3. Release one tab (callout 1), and then slide the right lower cover (callout 2) toward the front of the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

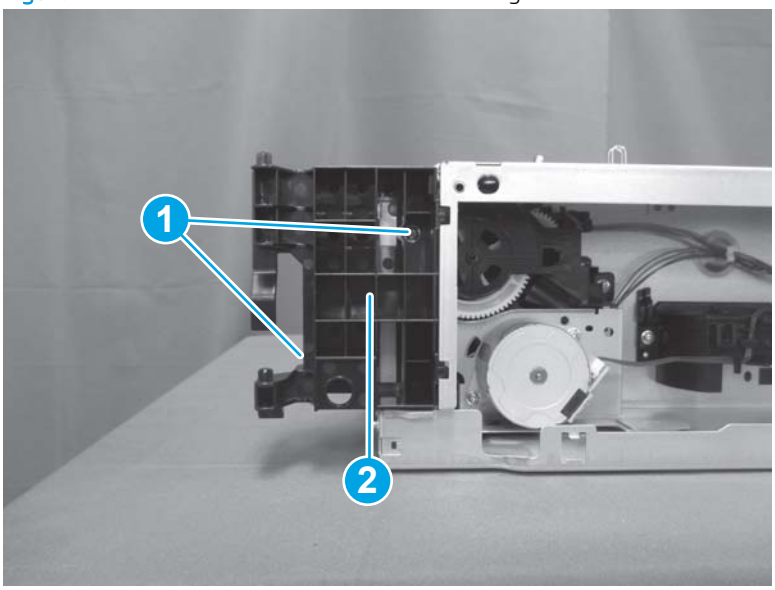
Figure 1-2143 Remove the right lower cover



Step 5: Remove the drive assembly

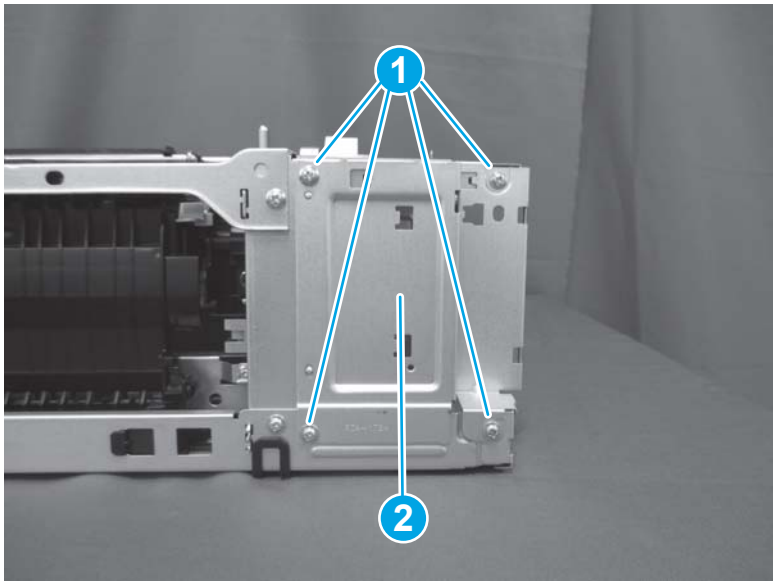
1. Remove two screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2144 Remove two screws and the hinge



2. Remove four screws (callout 1), and then remove the plate (callout 2).

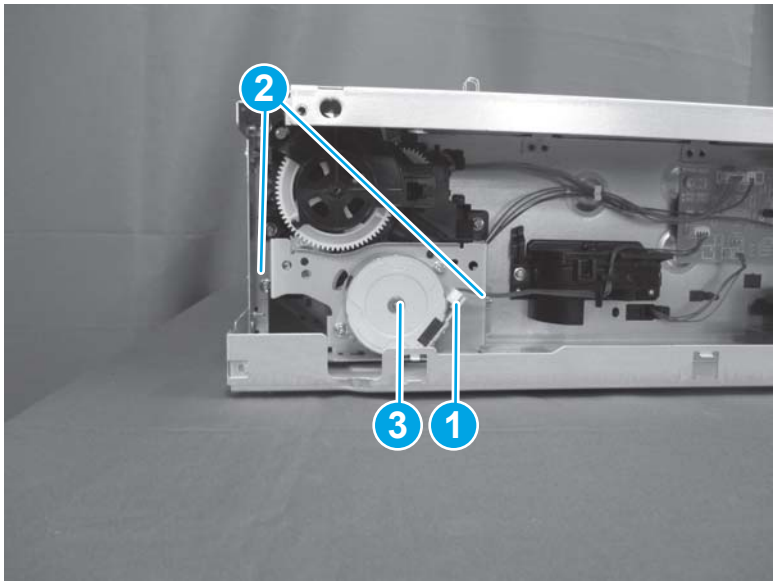
Figure 1-2145 Remove four screws and the plate



3. Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2146 Remove two screws and the drive assembly



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lifter drive assembly (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the right door link (550-sheet paper feeder)
- Step 3: Remove the right door (550-sheet paper feeder)
- Step 4: Remove the right lower cover (550-sheet paper feeder)
- Step 5: Remove the drive assembly
- Step 6: Remove the lifter drive assembly
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lifter drive assembly in the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lifter drive assembly (550-sheet paper feeder) part number	
RM2-6933-000CN	Lifter drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

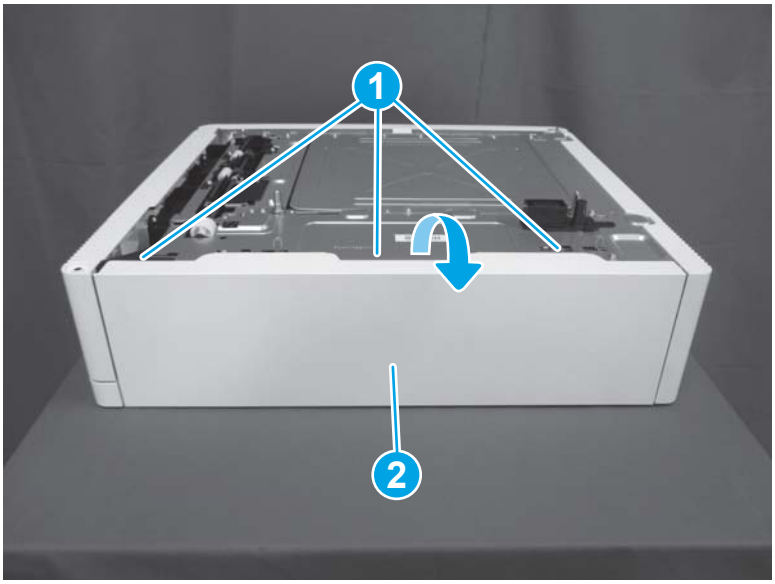
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2147 Remove the rear cover



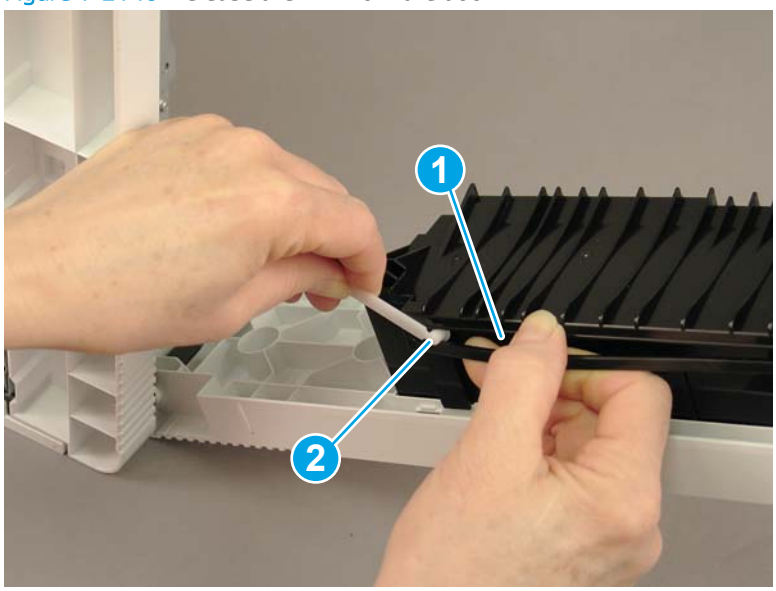
Step 2: Remove the right door link (550-sheet paper feeder)

1. Open the right door.

2. Slightly fle the slot in the lower edge of the right door (callout 1) and release the end of the link (callout 2) from the door.

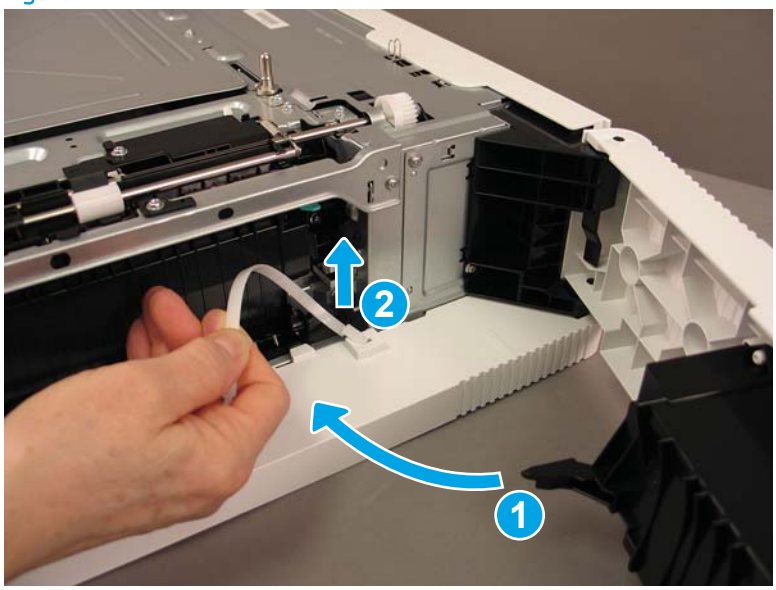
TIP: Position the paper feeder with the back side facing down on a fla surface to allow easier access to the lower edge of the door.

Figure 1-2148 Release the link from the door



3. Rotate the link so that the tab on the link (callout 1) aligns with the opening in the paper feeder. Lift the link up (callout 2) to remove it.

Figure 1-2149 Remove the link

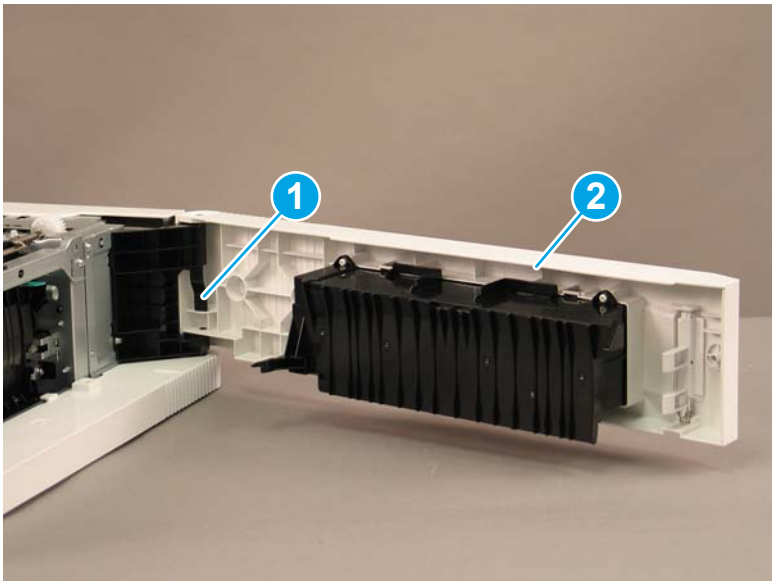


Step 3: Remove the right door (550-sheet paper feeder)

▲ Release one tab (callout 1), and then slide the right door (callout 2) up to remove it

Reinstallation tip: Reverse the removal steps to install the assembly.

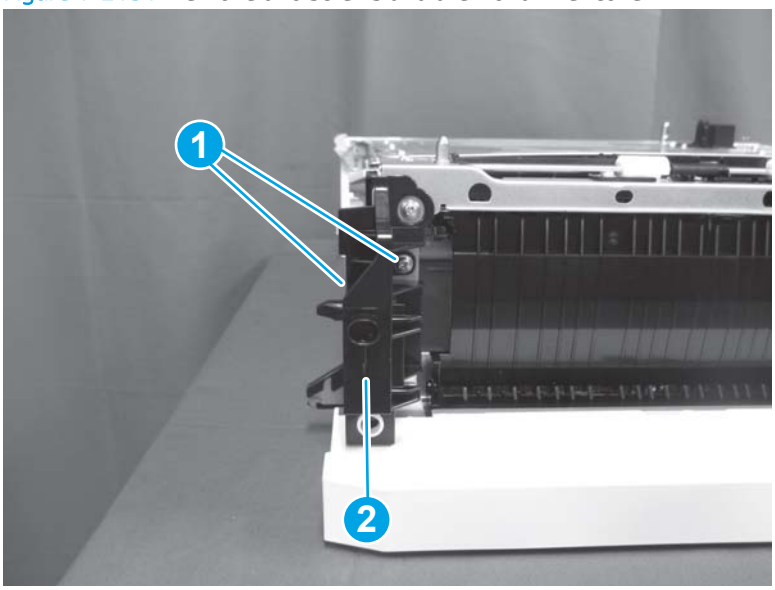
Figure 1-2150 Release one tab and remove the right door



Step 4: Remove the right lower cover (550-sheet paper feeder)

1. Remove the 550-sheet paper feeder tray.
2. Remove two screws (callout 1), and then remove the front inner cover (callout 2).

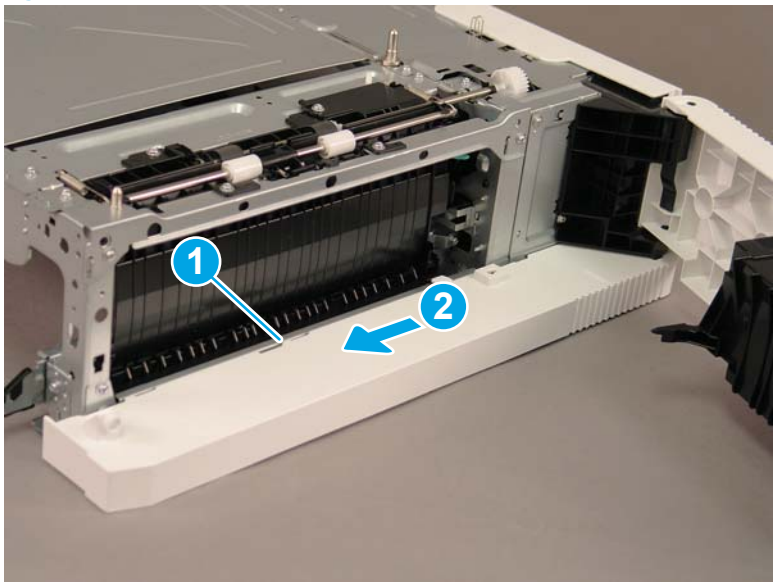
Figure 1-2151 Remove two screws and the front inner cover



3. Release one tab (callout 1), and then slide the right lower cover (callout 2) toward the front of the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

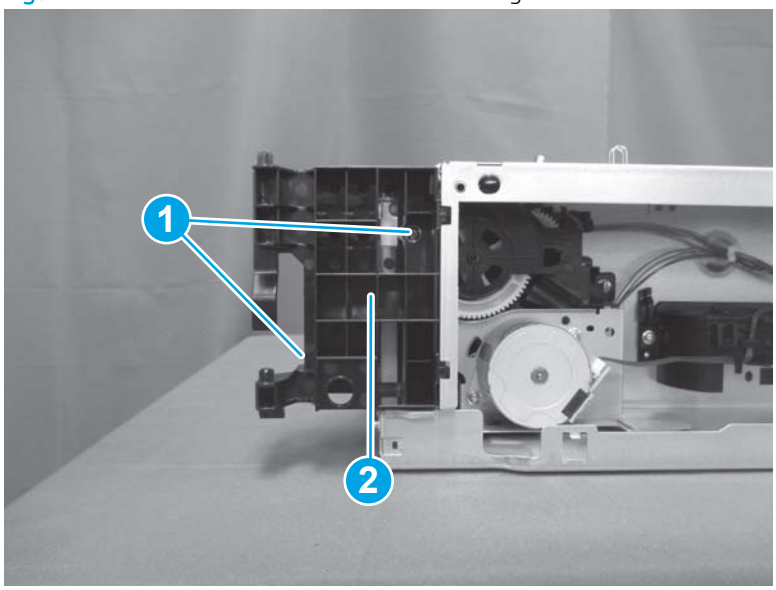
Figure 1-2152 Remove the right lower cover



Step 5: Remove the drive assembly

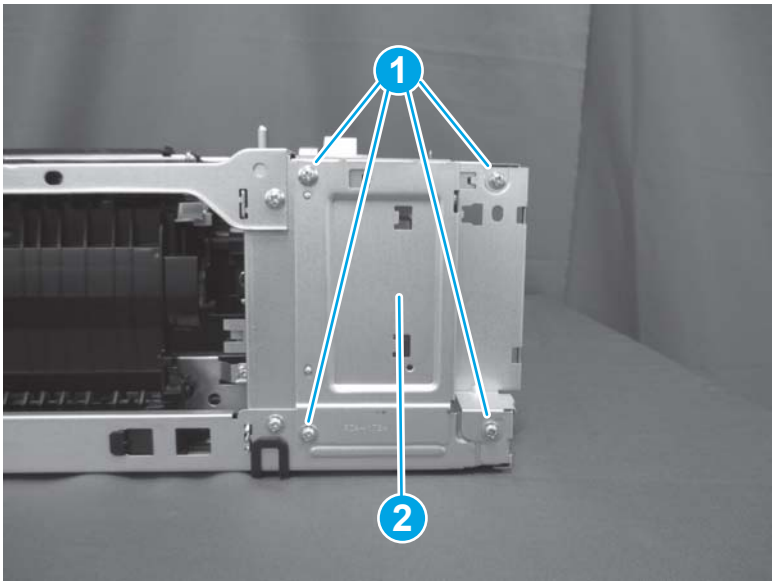
1. Remove two screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2153 Remove two screws and the hinge



2. Remove four screws (callout 1), and then remove the plate (callout 2).

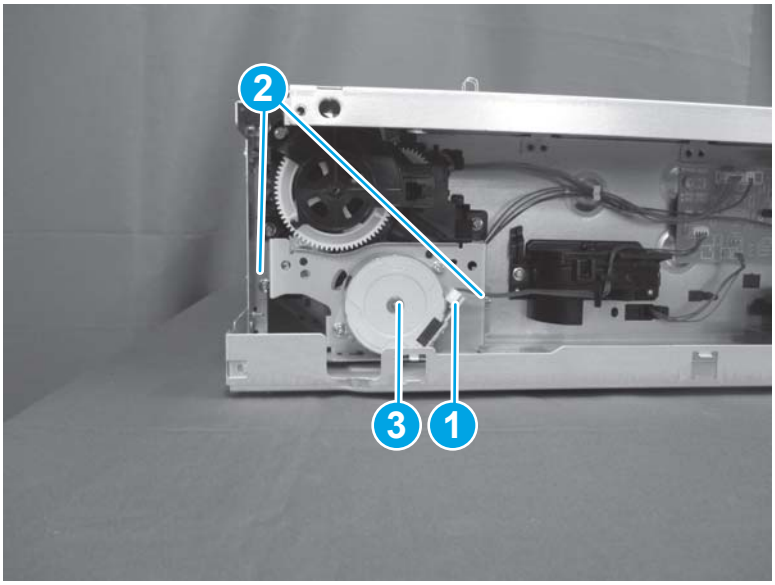
Figure 1-2154 Remove four screws and the plate



3. Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

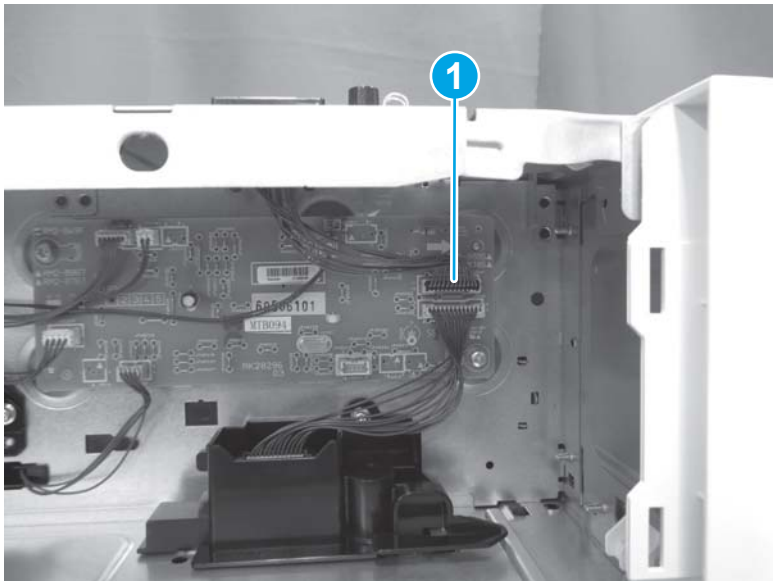
Figure 1-2155 Remove two screws and the drive assembly



Step 6: Remove the lifter drive assembly

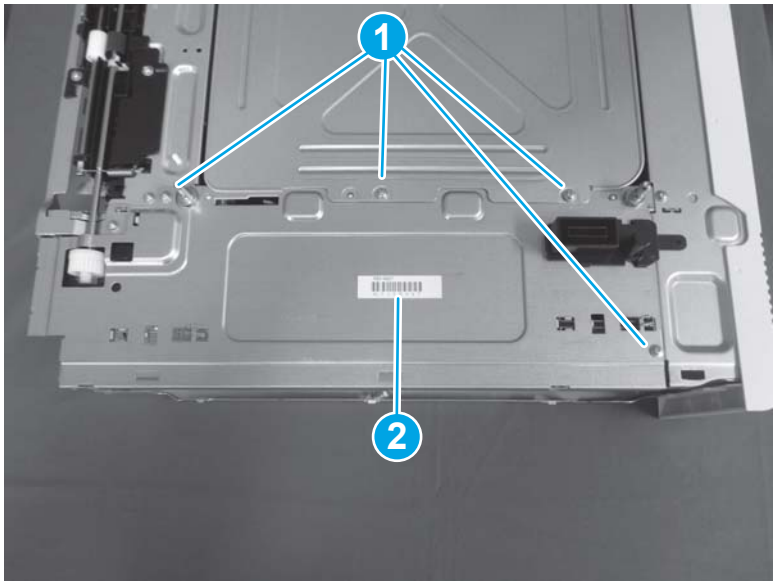
1. Disconnect one connector (callout 1).

Figure 1-2156 Disconnect one connector



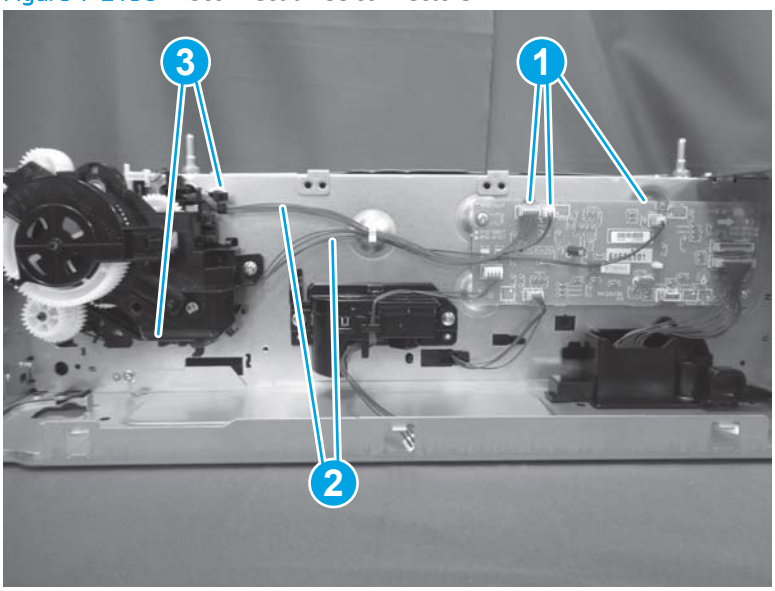
2. Remove four screws (callout 1), and then remove the right upper plate (callout 2).

Figure 1-2157 Remove four screws and the plate



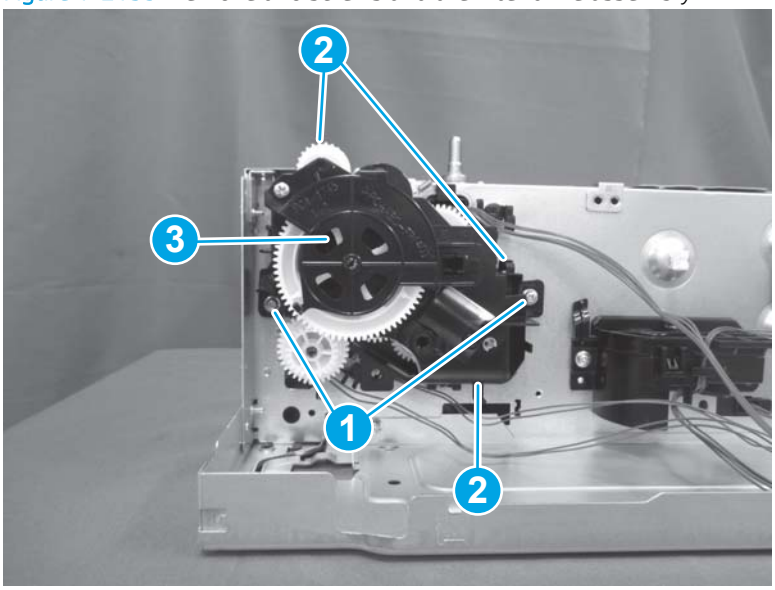
3. Disconnect three connectors (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-2158 Disconnect three connectors



4. Remove two screws (callout 1), release three tabs (callout 2), and then remove the lifter drive assembly (callout 3).

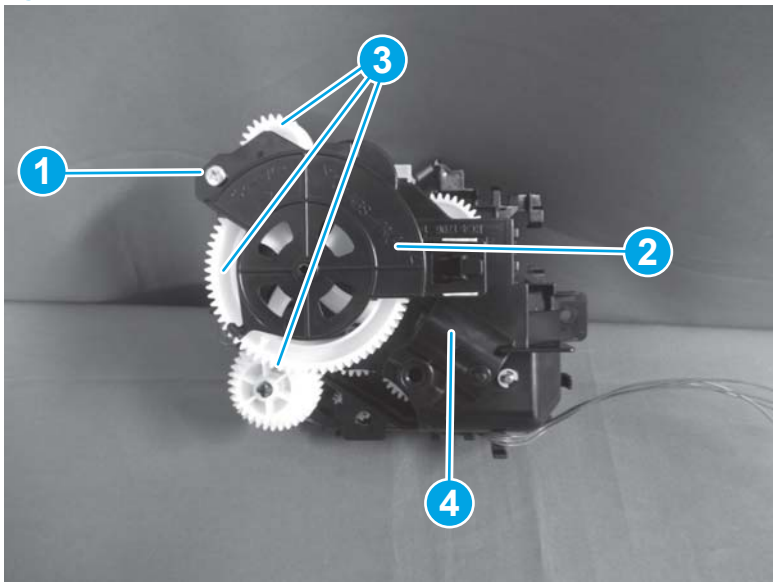
Figure 1-2159 Remove two screws and the lifter drive assembly



5. Remove one screw (callout 1). Remove the lifter drive frame (callout 2) and three gears (callout 3) from the lifter drive assembly (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2160 Remove the lifter drive frame and gears



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Paper feed assembly (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the right door link (550-sheet paper feeder)
- Step 3: Remove the right door (550-sheet paper feeder)
- Step 4: Remove the right lower cover (550-sheet paper feeder)
- Step 5: Remove the drive assembly
- Step 6: Remove the lifter drive assembly
- Step 7: Remove the paper feed assembly
- Step 8: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the paper feed assembly in the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Paper feed assembly (550-sheet paper feeder) part number	
RM2-5145-000CN	Paper feed assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

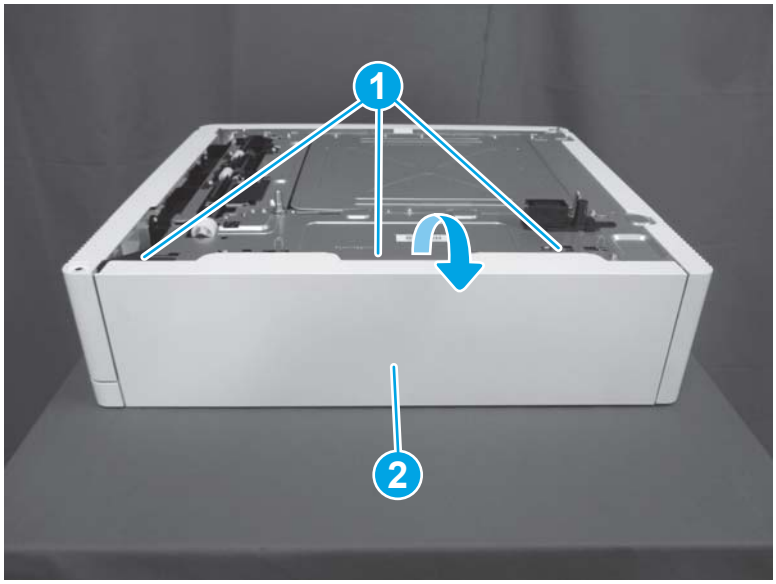
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2161 Remove the rear cover



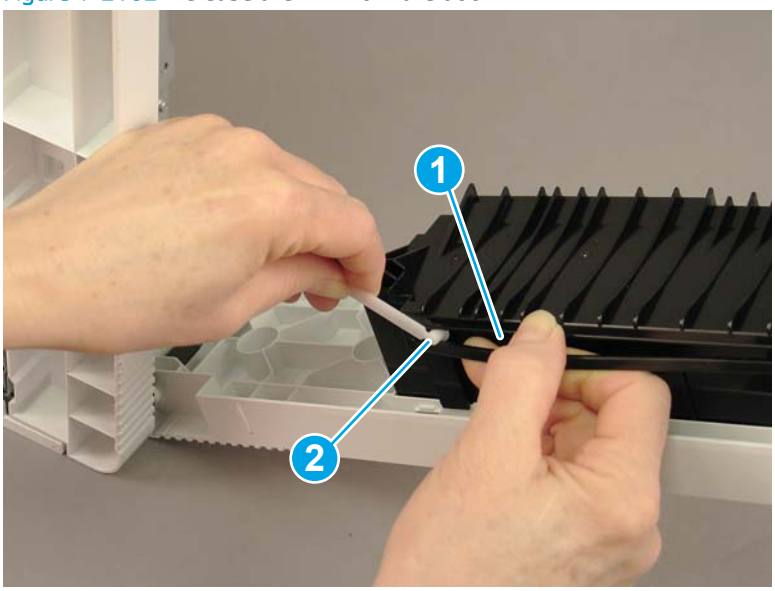
Step 2: Remove the right door link (550-sheet paper feeder)

1. Open the right door.

2. Slightly fle the slot in the lower edge of the right door (callout 1) and release the end of the link (callout 2) from the door.

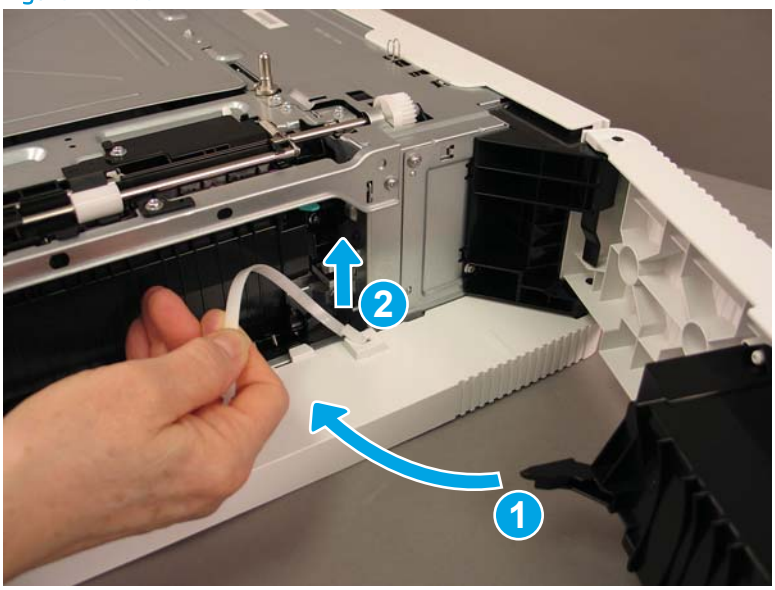
TIP: Position the paper feeder with the back side facing down on a fla surface to allow easier access to the lower edge of the door.

Figure 1-2162 Release the link from the door



3. Rotate the link so that the tab on the link (callout 1) aligns with the opening in the paper feeder. Lift the link up (callout 2) to remove it.

Figure 1-2163 Remove the link

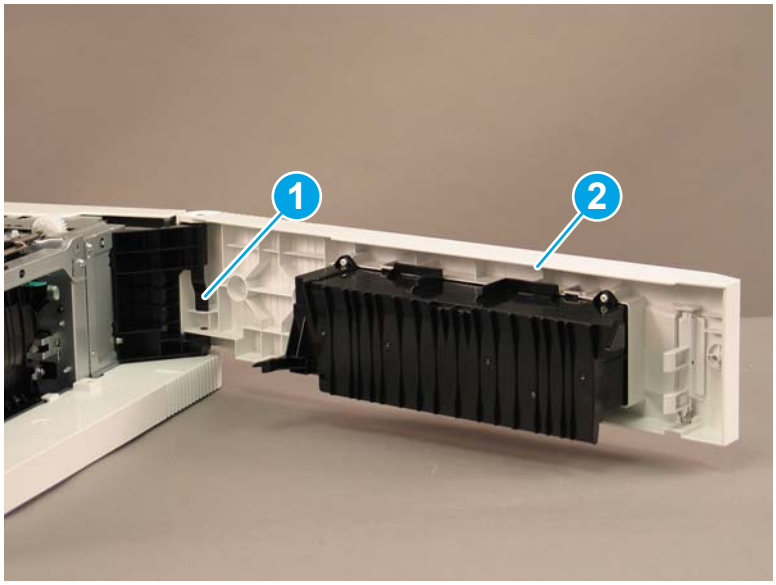


Step 3: Remove the right door (550-sheet paper feeder)

▲ Release one tab (callout 1), and then slide the right door (callout 2) up to remove it

Reinstallation tip: Reverse the removal steps to install the assembly.

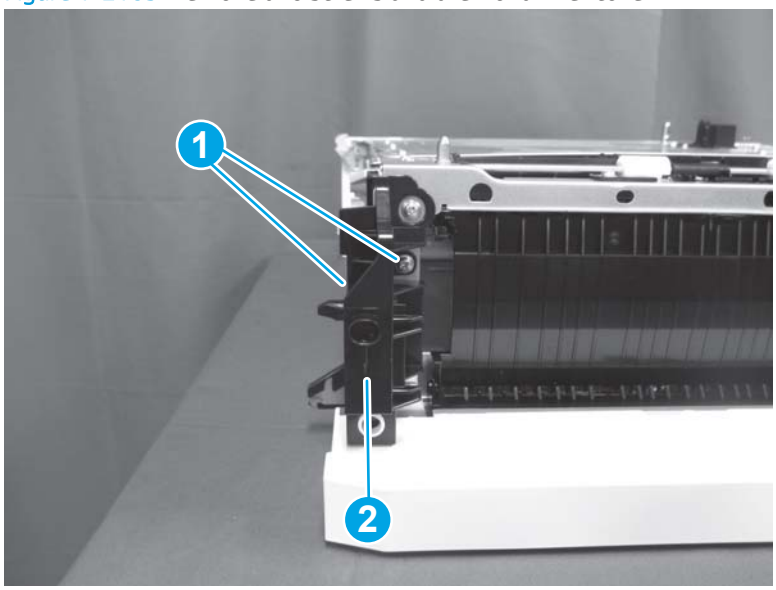
Figure 1-2164 Release one tab and remove the right door



Step 4: Remove the right lower cover (550-sheet paper feeder)

1. Remove the 550-sheet paper feeder tray.
2. Remove two screws (callout 1), and then remove the front inner cover (callout 2).

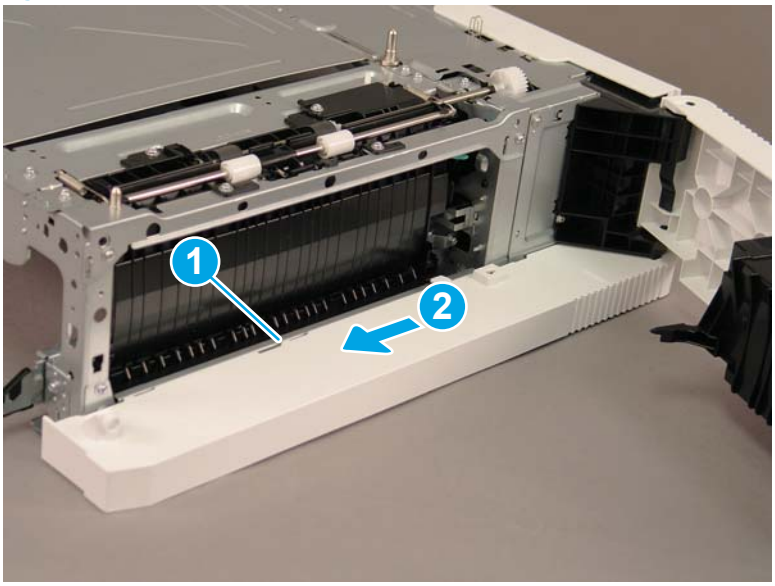
Figure 1-2165 Remove two screws and the front inner cover



3. Release one tab (callout 1), and then slide the right lower cover (callout 2) toward the front of the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

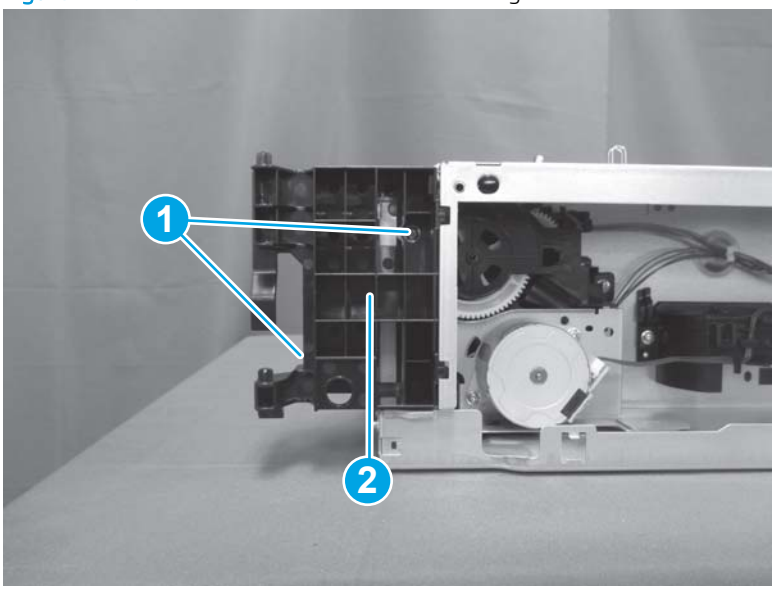
Figure 1-2166 Remove the right lower cover



Step 5: Remove the drive assembly

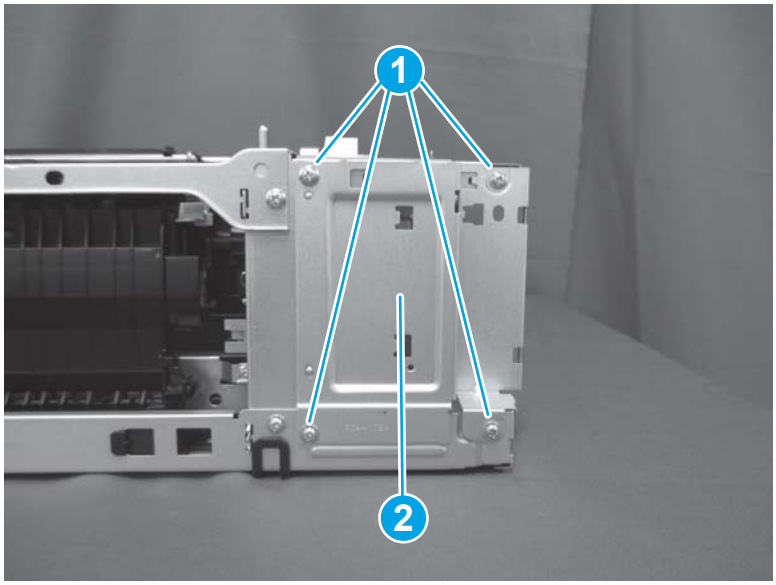
1. Remove two screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2167 Remove two screws and the hinge



2. Remove four screws (callout 1), and then remove the plate (callout 2).

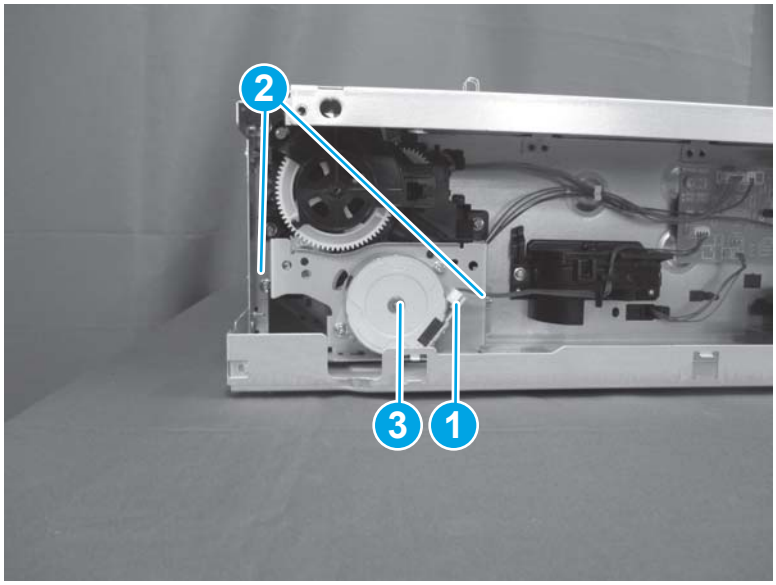
Figure 1-2168 Remove four screws and the plate



3. Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

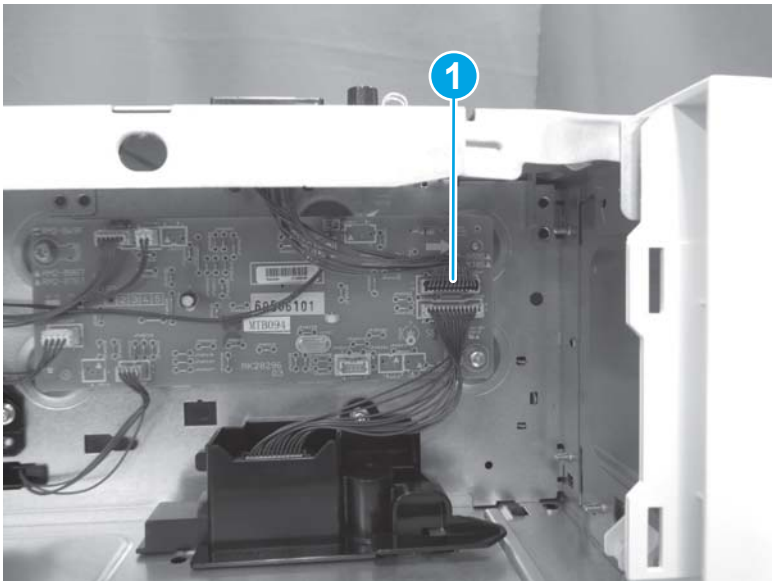
Figure 1-2169 Remove two screws and the drive assembly



Step 6: Remove the lifter drive assembly

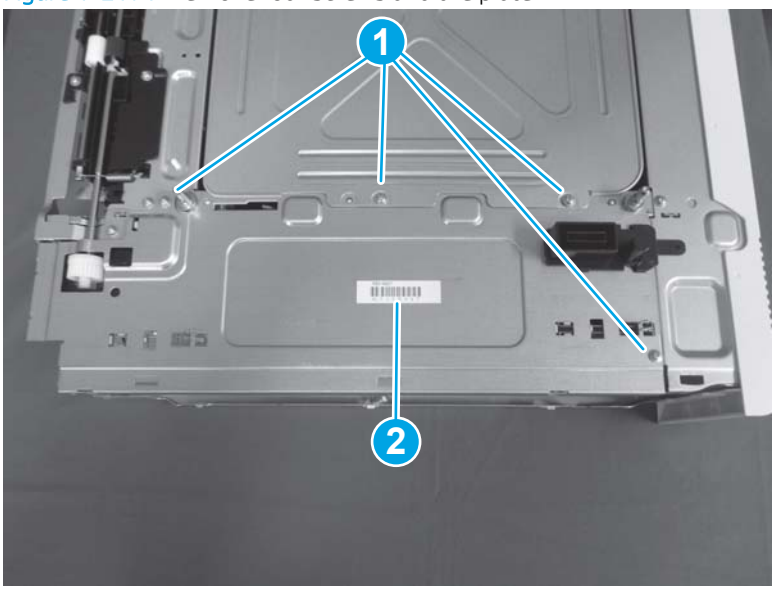
1. Disconnect one connector (callout 1).

Figure 1-2170 Disconnect one connector



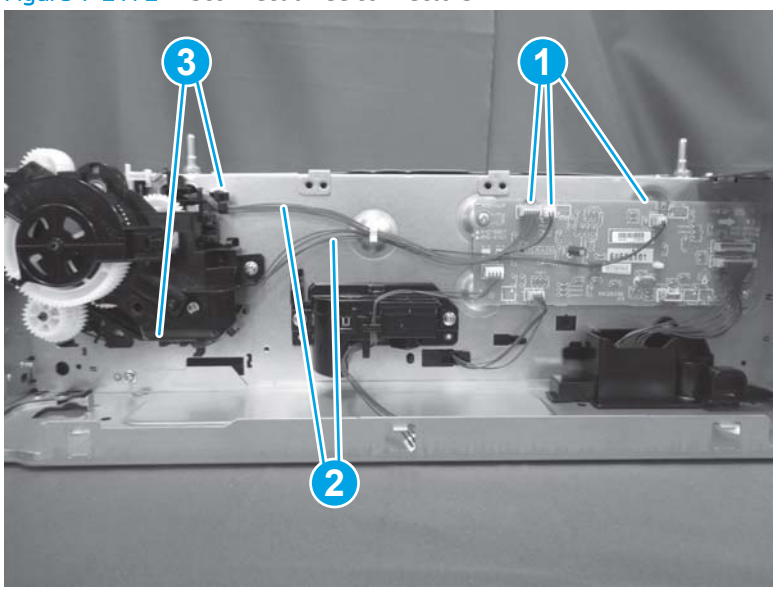
2. Remove four screws (callout 1), and then remove the right upper plate (callout 2).

Figure 1-2171 Remove four screws and the plate



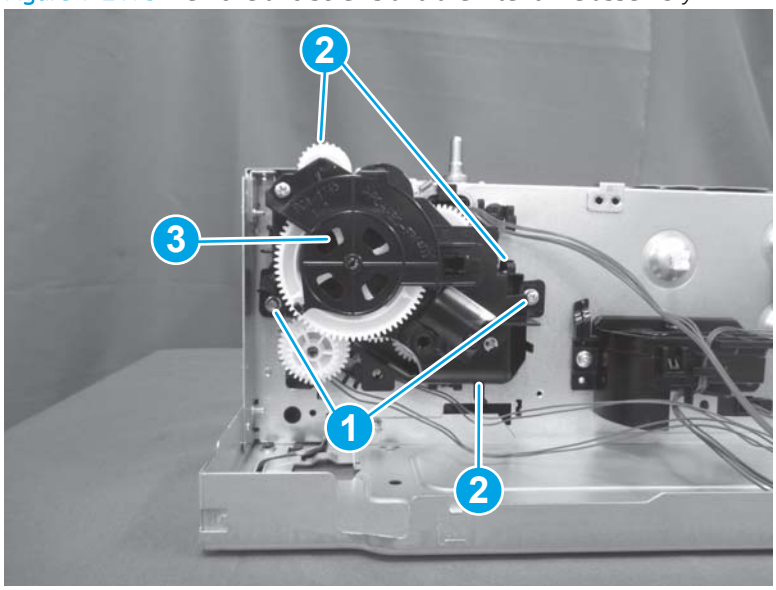
3. Disconnect three connectors (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-2172 Disconnect three connectors



4. Remove two screws (callout 1), release three tabs (callout 2), and then remove the lifter drive assembly (callout 3).

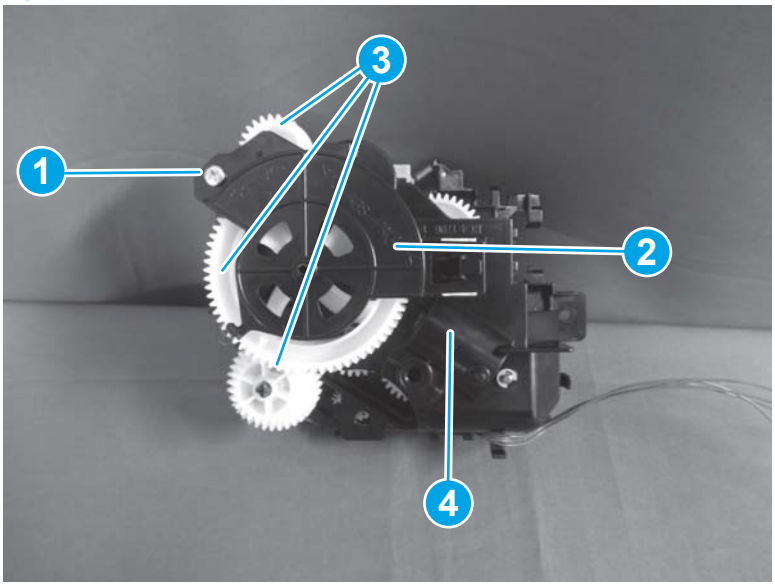
Figure 1-2173 Remove two screws and the lifter drive assembly



5. Remove one screw (callout 1). Remove the lifter drive frame (callout 2) and three gears (callout 3) from the lifter drive assembly (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

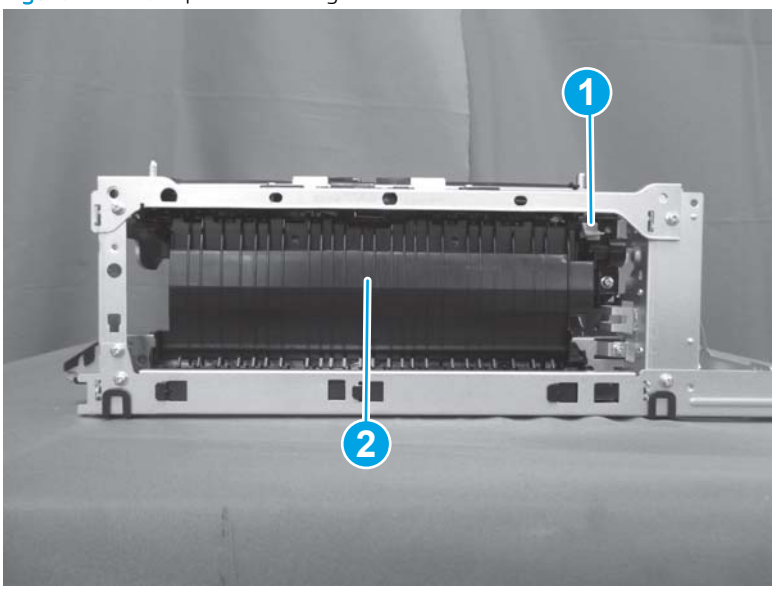
Figure 1-2174 Remove the lifter drive frame and gears



Step 7: Remove the paper feed assembly

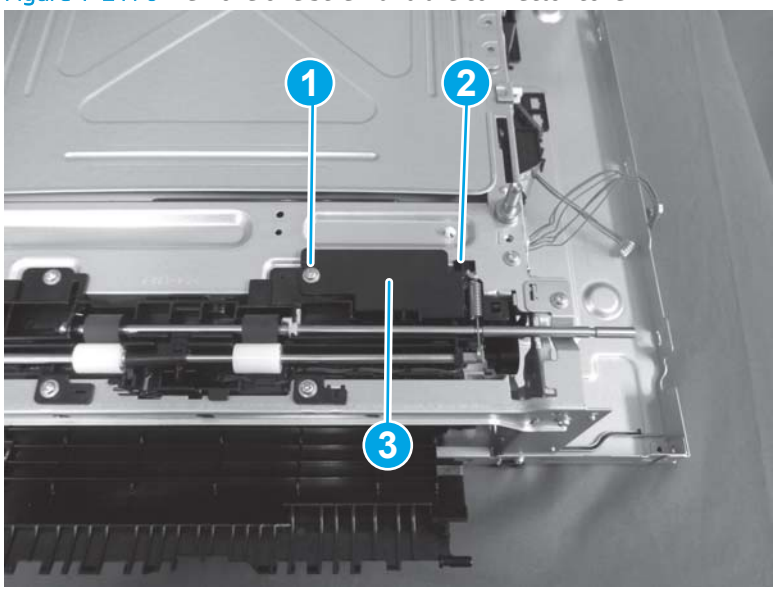
1. Pull the jam removal lever (callout 1), and then open the feed guide (callout 2).

Figure 1-2175 Open the feed guide



2. Remove one screw (callout 1), release one tab (callout 2), and then remove the connector cover (callout 3).

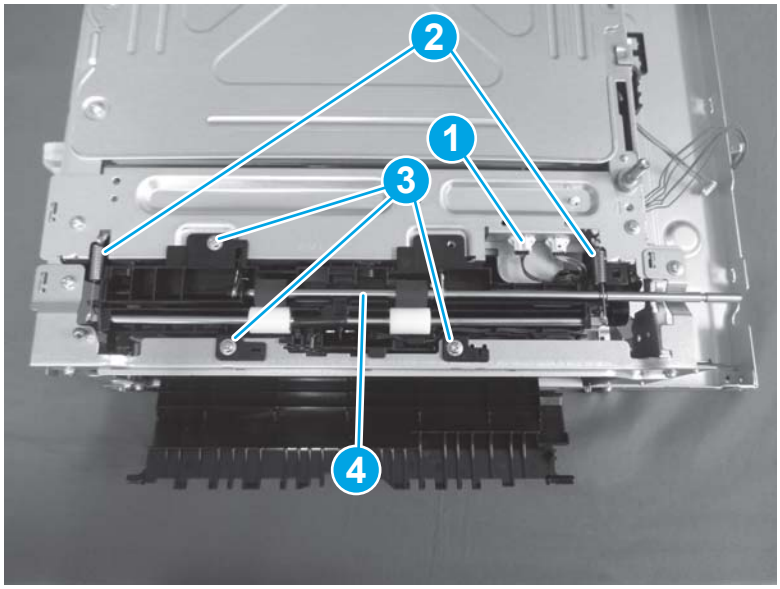
Figure 1-2176 Remove one screw and the connector cover



3. Disconnect one connector (callout 1), and then unhook two springs (callout 2). Remove three screws (callout 3), and then remove the paper feed assembly (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2177 Remove the paper feed assembly



Step 8: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Paper pickup assembly (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the right door link (550-sheet paper feeder)
- Step 3: Remove the right door (550-sheet paper feeder)
- Step 4: Remove the right lower cover (550-sheet paper feeder)
- Step 5: Remove the drive assembly
- Step 6: Remove the lifter drive assembly
- Step 7: Remove the paper feed assembly
- Step 8: Remove the paper pickup assembly
- Step 9: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the paper pickup assembly in the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Paper pickup assembly (550-sheet paper feeder) part number	
RM2-5154-000CN	Paper pickup assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

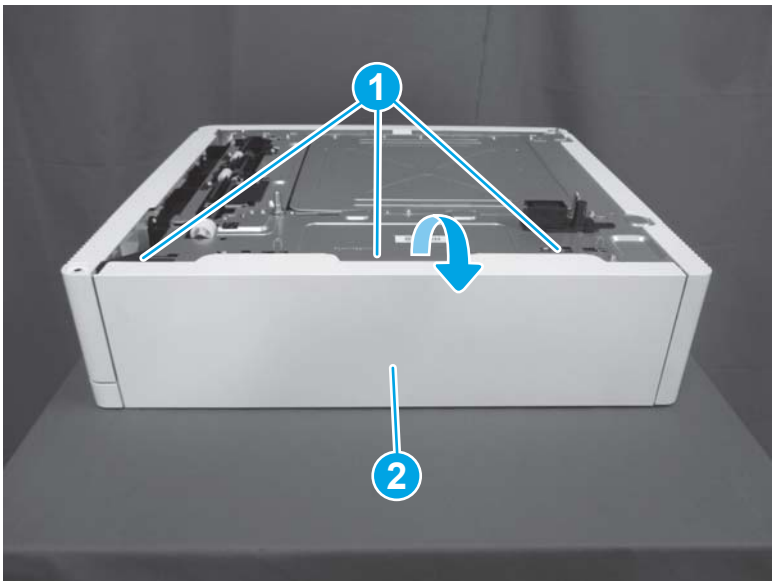
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2178 Remove the rear cover



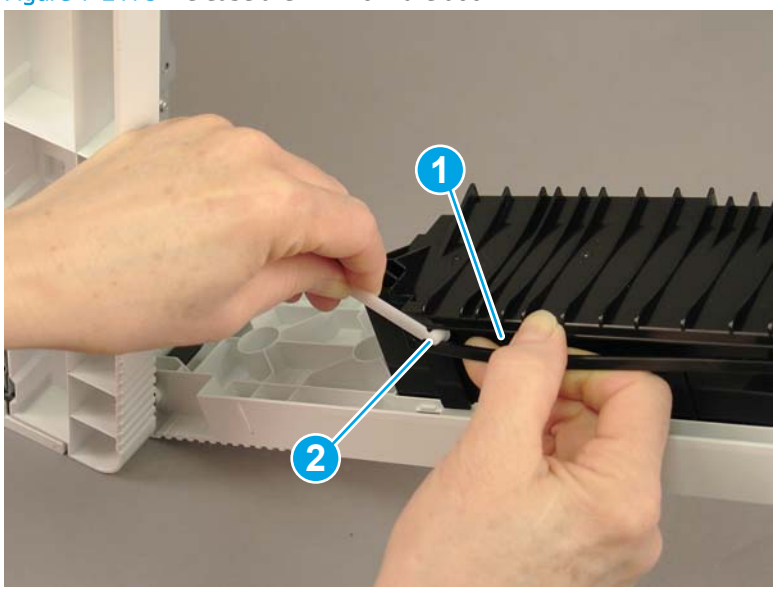
Step 2: Remove the right door link (550-sheet paper feeder)

1. Open the right door.

2. Slightly fle the slot in the lower edge of the right door (callout 1) and release the end of the link (callout 2) from the door.

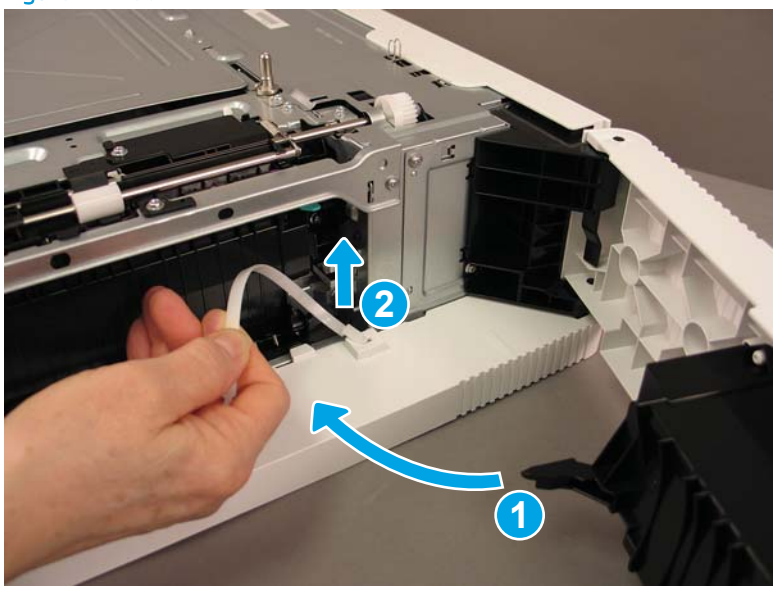
TIP: Position the paper feeder with the back side facing down on a fla surface to allow easier access to the lower edge of the door.

Figure 1-2179 Release the link from the door



3. Rotate the link so that the tab on the link (callout 1) aligns with the opening in the paper feeder. Lift the link up (callout 2) to remove it.

Figure 1-2180 Remove the link

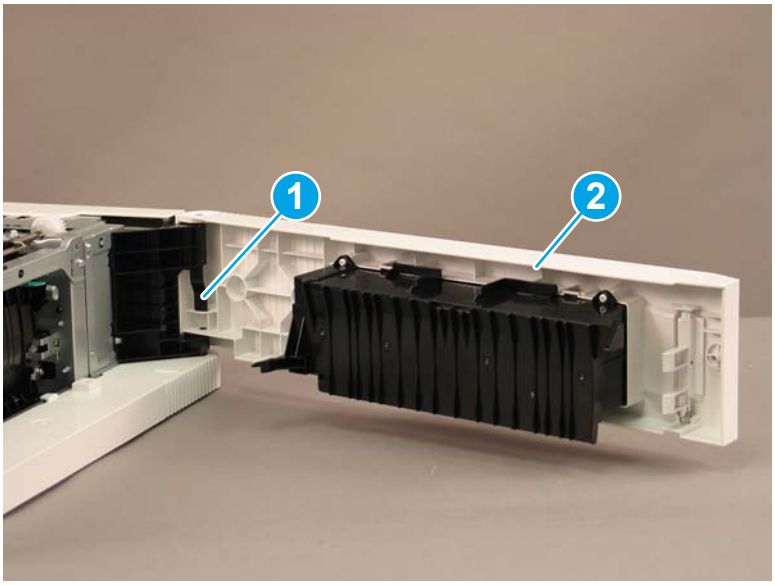


Step 3: Remove the right door (550-sheet paper feeder)

▲ Release one tab (callout 1), and then slide the right door (callout 2) up to remove it

Reinstallation tip: Reverse the removal steps to install the assembly.

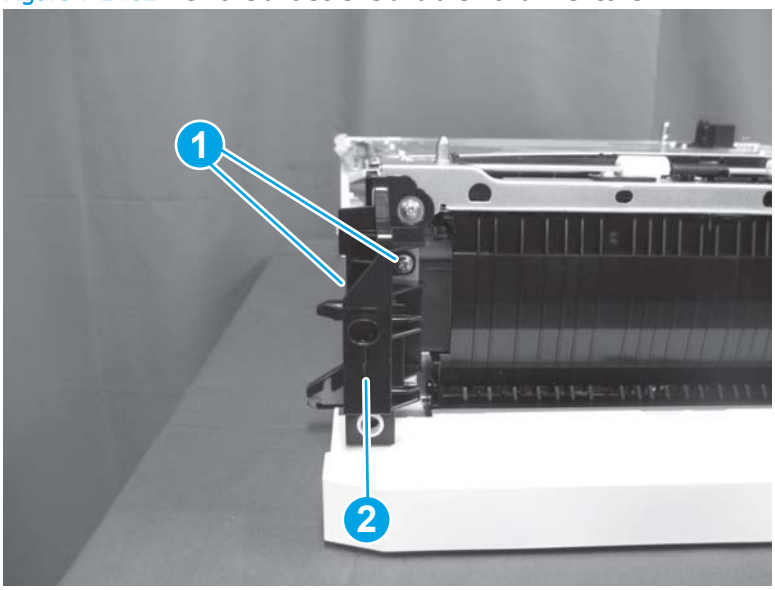
Figure 1-2181 Release one tab and remove the right door



Step 4: Remove the right lower cover (550-sheet paper feeder)

1. Remove the 550-sheet paper feeder tray.
2. Remove two screws (callout 1), and then remove the front inner cover (callout 2).

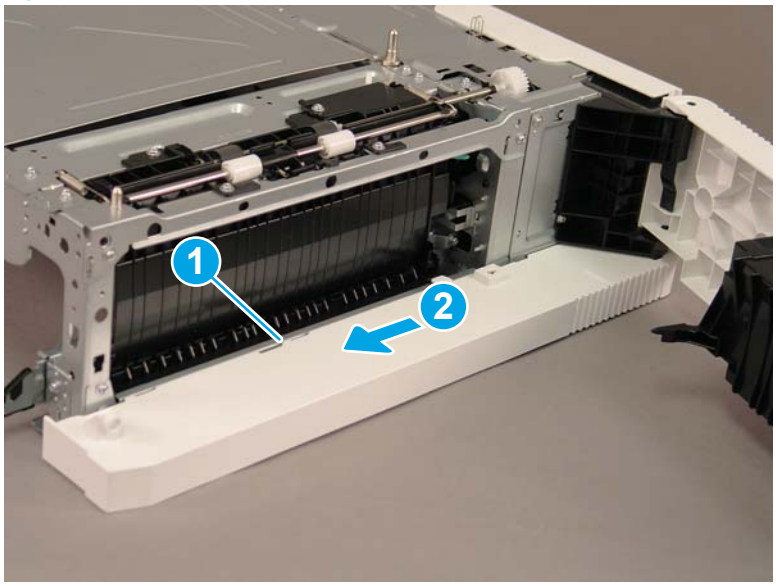
Figure 1-2182 Remove two screws and the front inner cover



3. Release one tab (callout 1), and then slide the right lower cover (callout 2) toward the front of the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

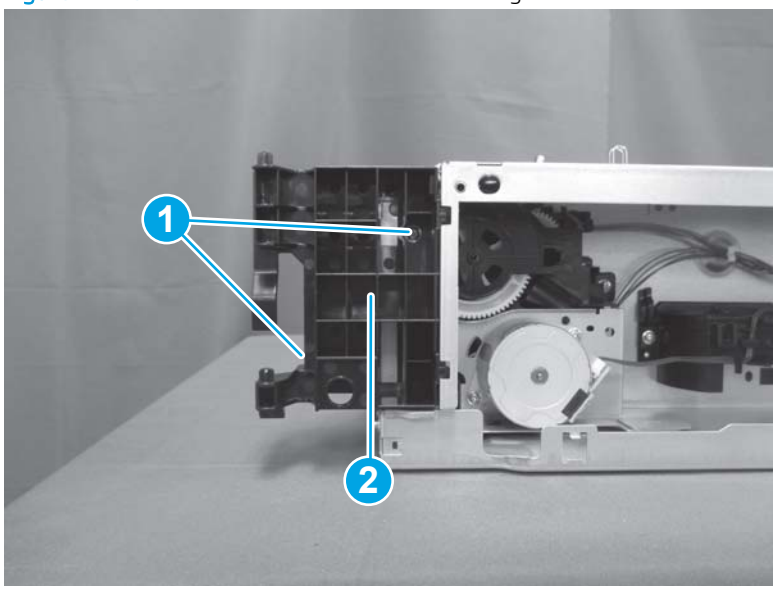
Figure 1-2183 Remove the right lower cover



Step 5: Remove the drive assembly

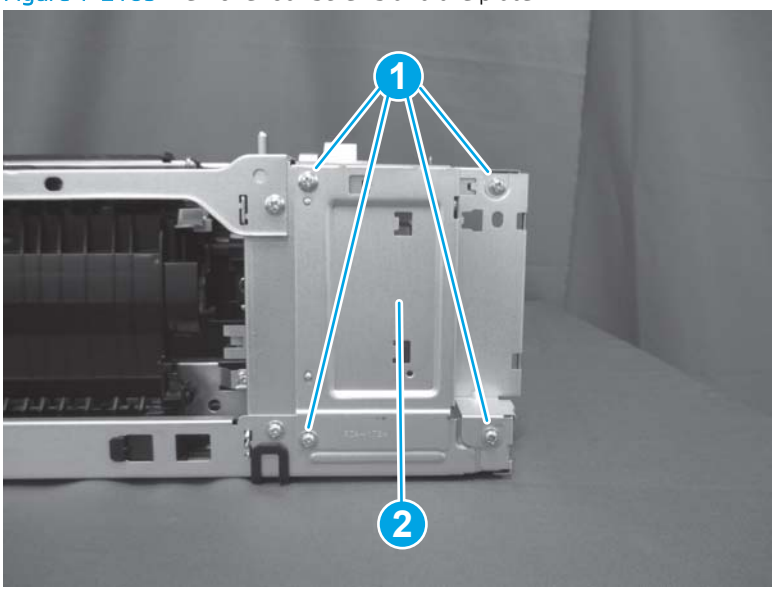
1. Remove two screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2184 Remove two screws and the hinge



2. Remove four screws (callout 1), and then remove the plate (callout 2).

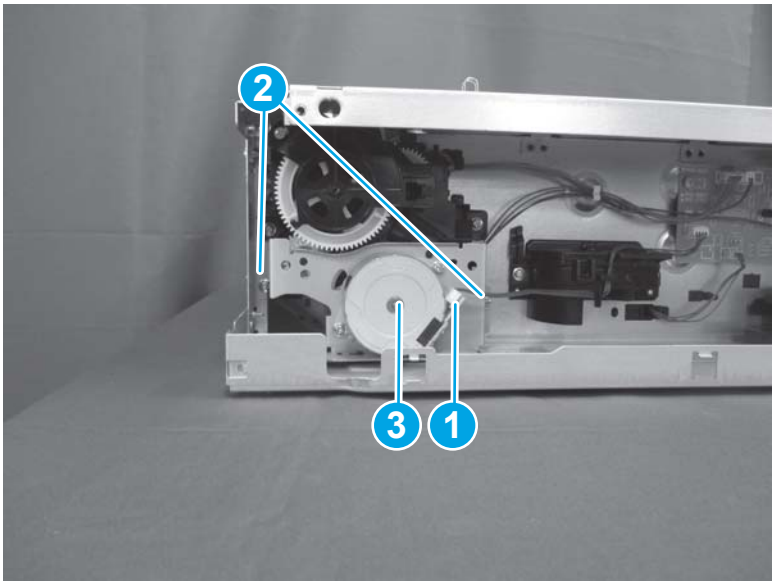
Figure 1-2185 Remove four screws and the plate



3. Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

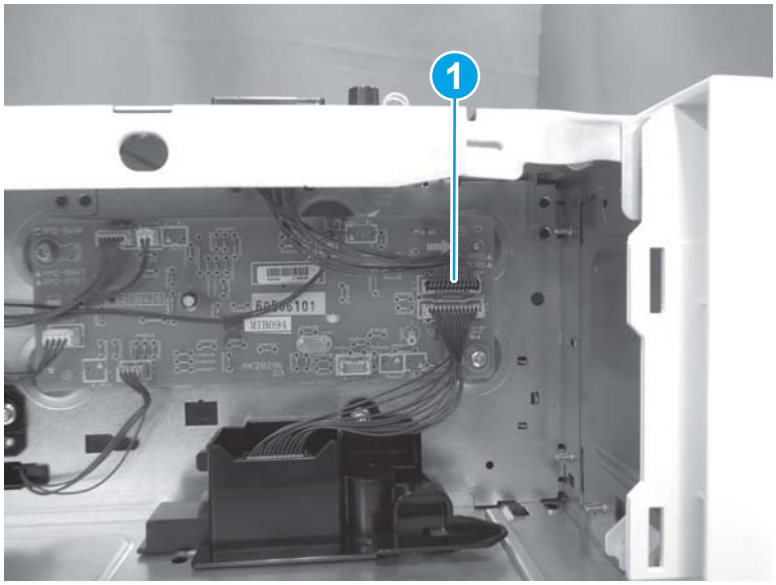
Figure 1-2186 Remove two screws and the drive assembly



Step 6: Remove the lifter drive assembly

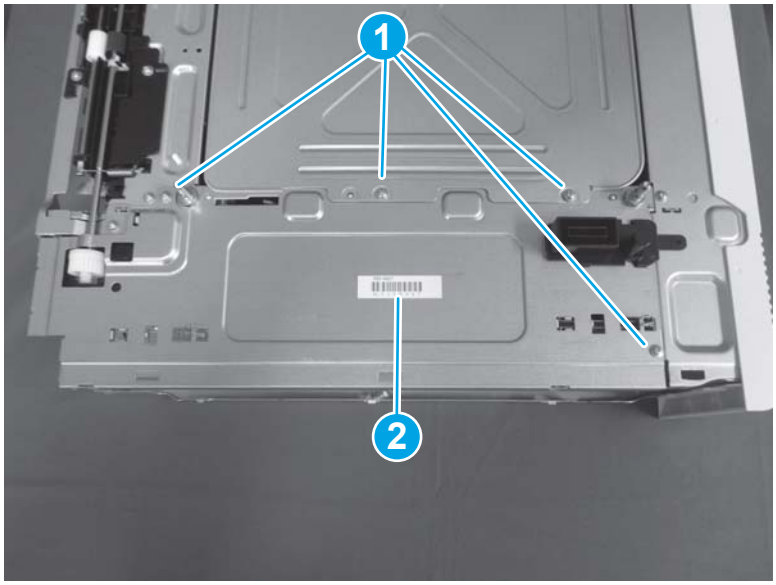
1. Disconnect one connector (callout 1).

Figure 1-2187 Disconnect one connector



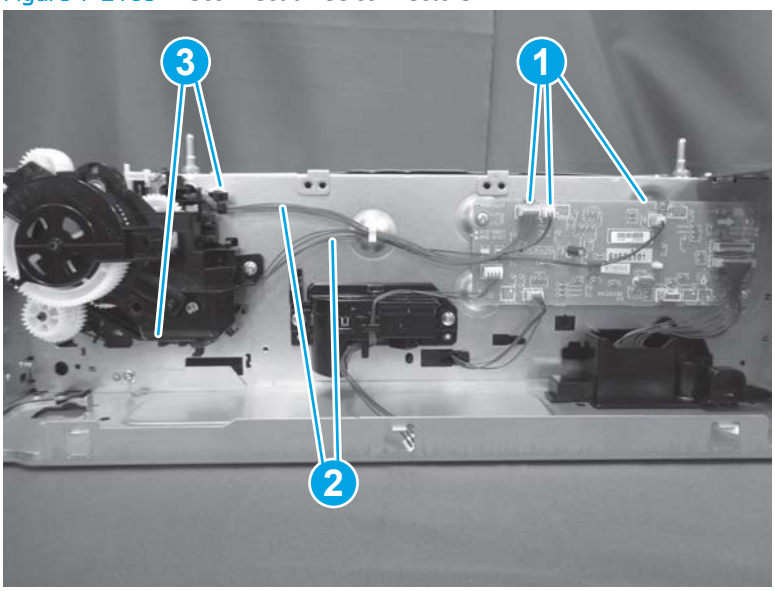
2. Remove four screws (callout 1), and then remove the right upper plate (callout 2).

Figure 1-2188 Remove four screws and the plate



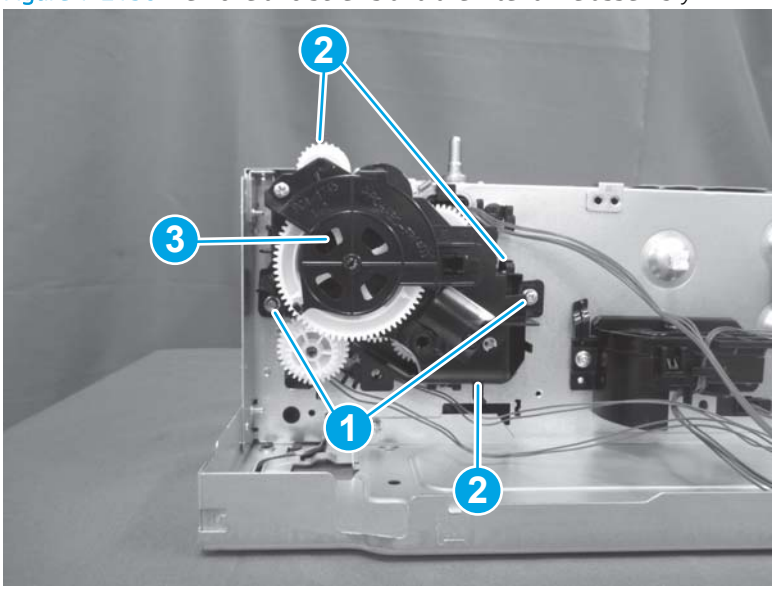
3. Disconnect three connectors (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-2189 Disconnect three connectors



4. Remove two screws (callout 1), release three tabs (callout 2), and then remove the lifter drive assembly (callout 3).

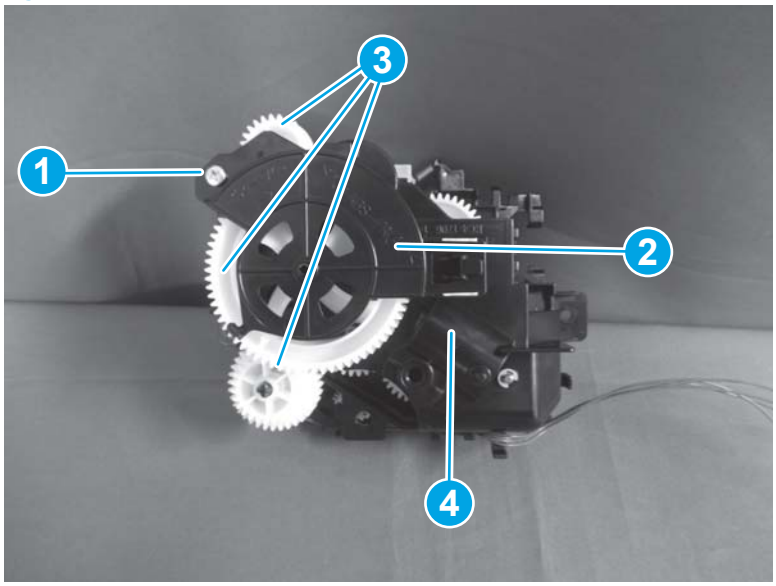
Figure 1-2190 Remove two screws and the lifter drive assembly



5. Remove one screw (callout 1). Remove the lifter drive frame (callout 2) and three gears (callout 3) from the lifter drive assembly (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

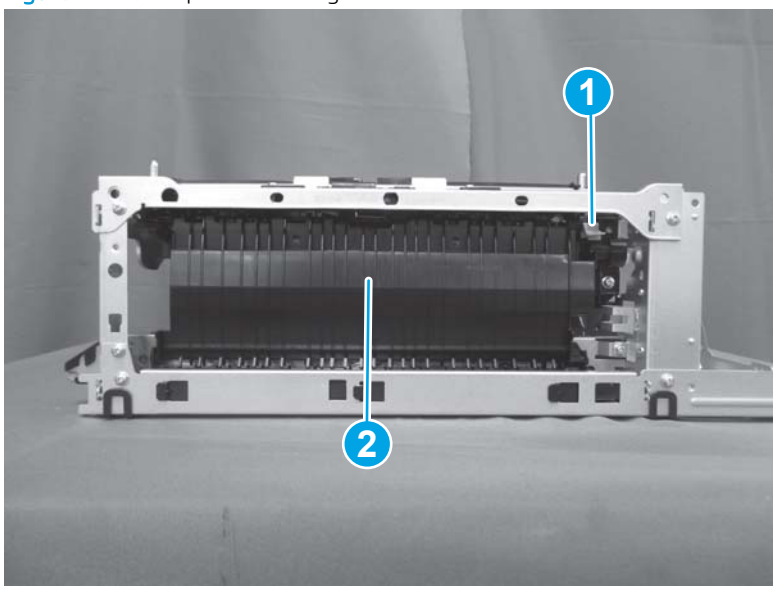
Figure 1-2191 Remove the lifter drive frame and gears



Step 7: Remove the paper feed assembly

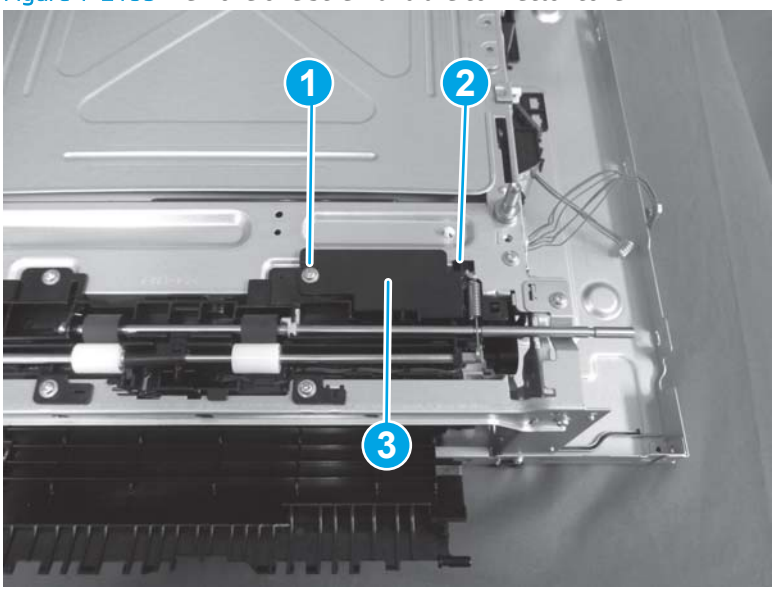
1. Pull the jam removal lever (callout 1), and then open the feed guide (callout 2).

Figure 1-2192 Open the feed guide



2. Remove one screw (callout 1), release one tab (callout 2), and then remove the connector cover (callout 3).

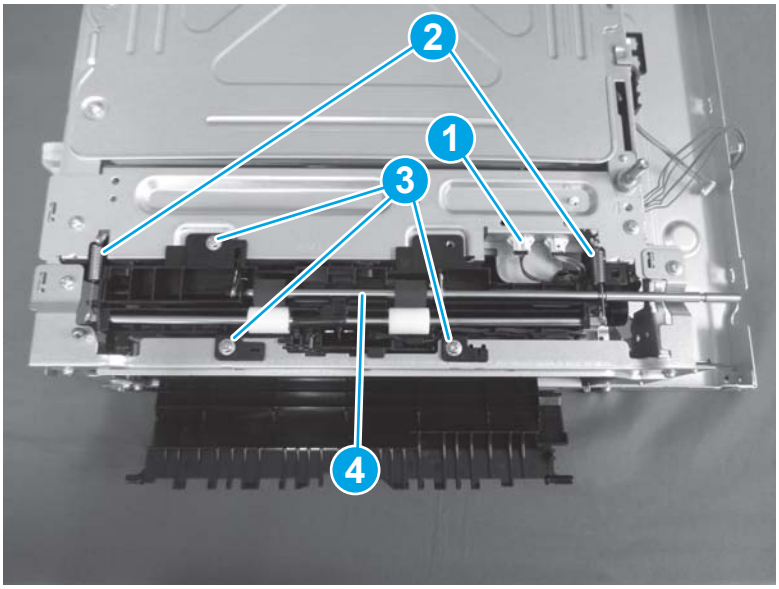
Figure 1-2193 Remove one screw and the connector cover



3. Disconnect one connector (callout 1), and then unhook two springs (callout 2). Remove three screws (callout 3), and then remove the paper feed assembly (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

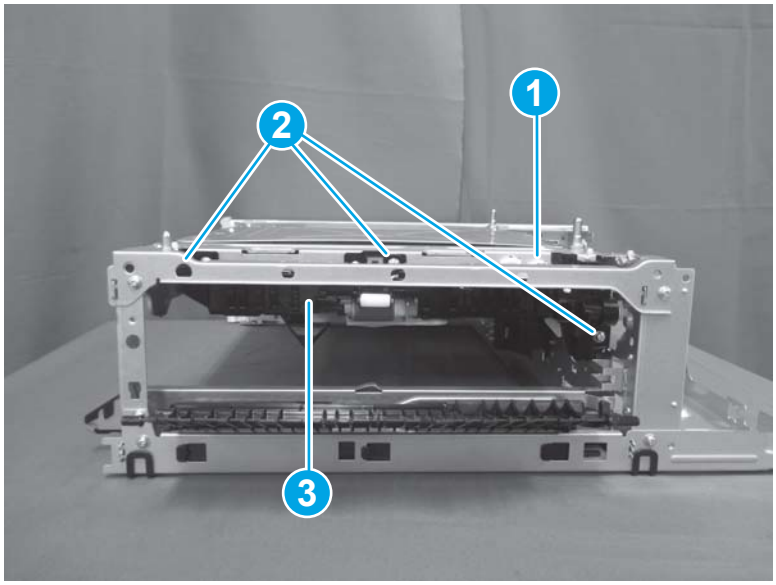
Figure 1-2194 Remove the paper feed assembly



Step 8: Remove the paper pickup assembly

1. Disconnect one connector (callout 1), remove three screws (callout 2), and then remove the paper pickup assembly (callout 3).

Figure 1-2195 Remove the paper pickup assembly

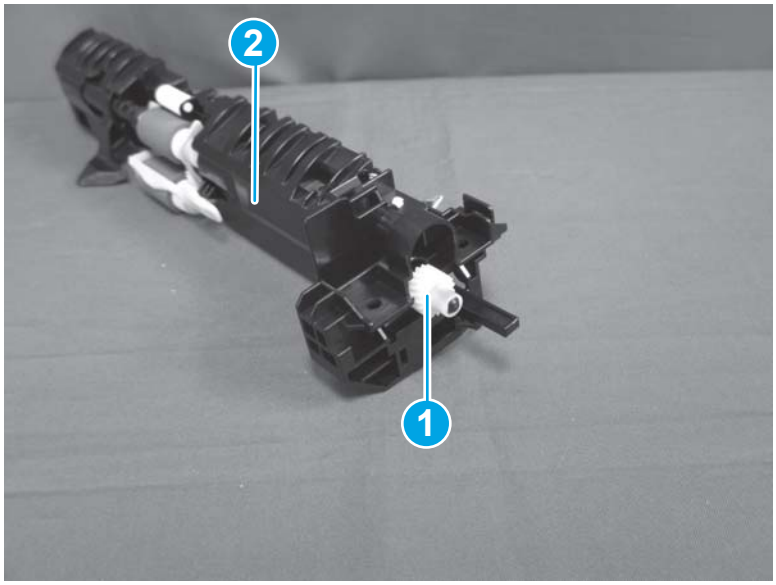


2. Remove the gear (callout 1) from the paper pickup assembly (callout 2).

Reinstallation tip: Install the gear on the replacement paper pickup assembly.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2196 Remove the gear



Step 9: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Paper feeder controller PCA (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the paper feeder controller PCA (550-sheet paper feeder)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the paper feeder controller PCA in the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Paper feeder controller PCA (550-sheet paper feeder) part number	
RM2-8491-000CN	Feeder controller PCB assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

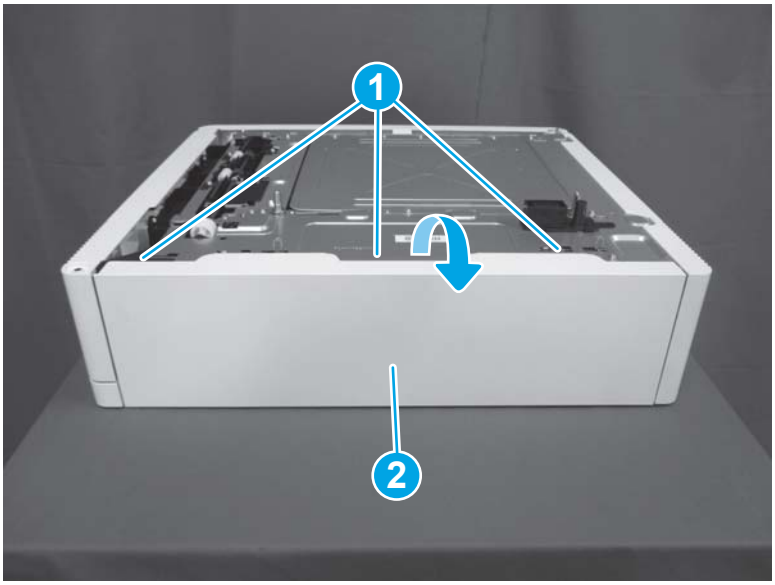
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2197 Remove the rear cover

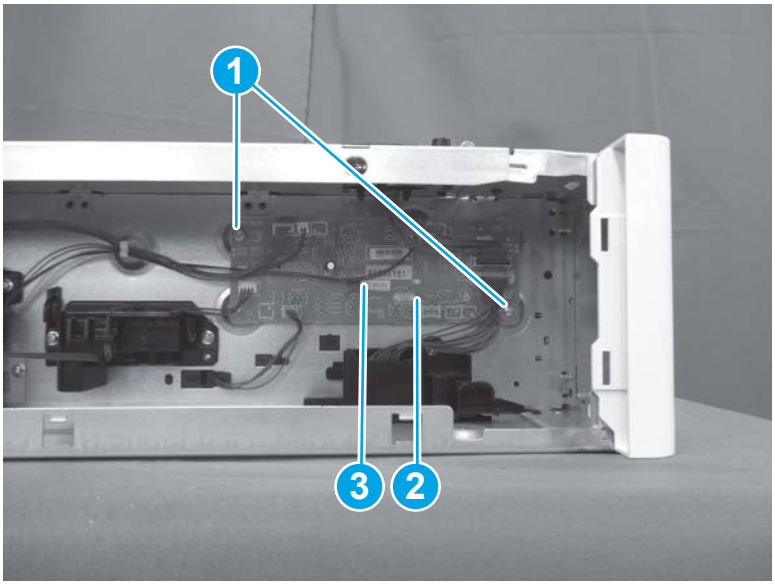


Step 2: Remove the paper feeder controller PCA (550-sheet paper feeder)

▲ Disconnect all of the connectors on the paper feeder controller PCA. Remove two screws (callout 1), release one tab (callout 2), and then remove the paper feeder controller PCA (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2198 Remove the paper feeder controller PCA



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Size-detect switch (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the size-detect switch (550-sheet paper feeder)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the size-detect switch on the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Size-detect switch (550-sheet paper feeder) part number	
WC2-5762-000CN	Switch, push

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

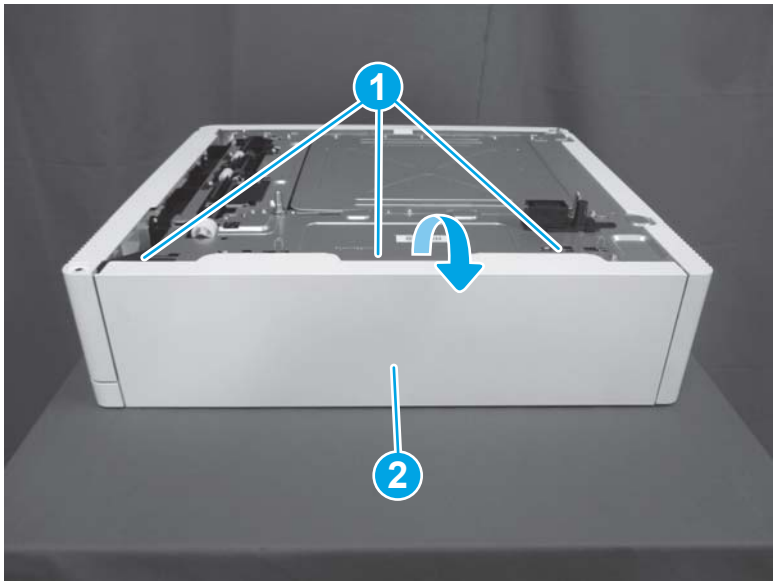
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

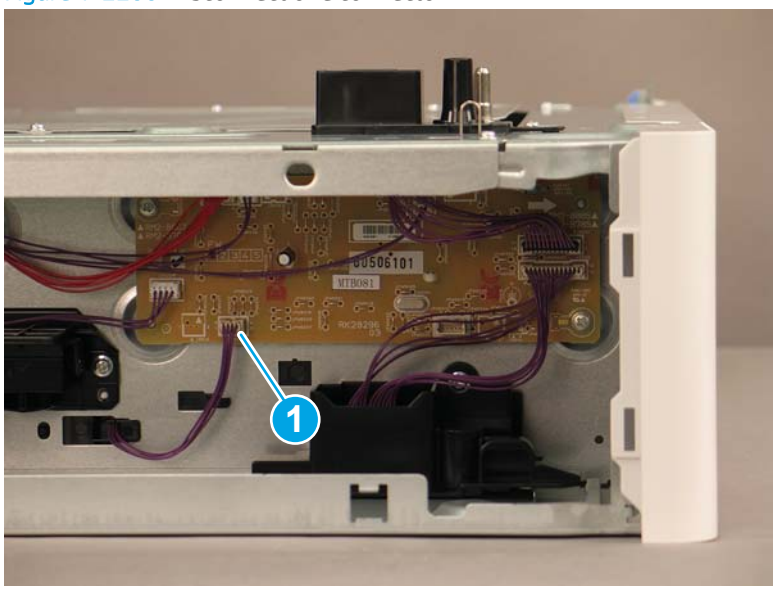
Figure 1-2199 Remove the rear cover



Step 2: Remove the size-detect switch (550-sheet paper feeder)

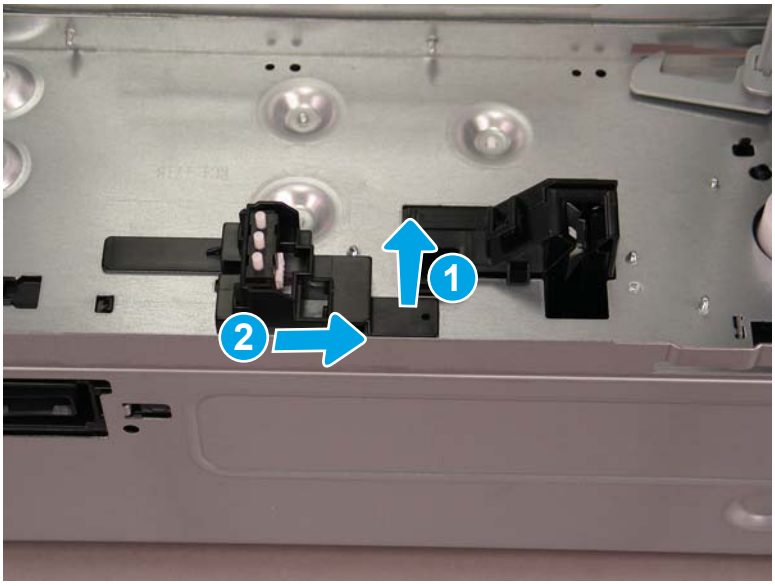
1. Remove the paper tray.
2. At the rear of the paper feeder, disconnect one connector (callout 1).

Figure 1-2200 Disconnect one connector



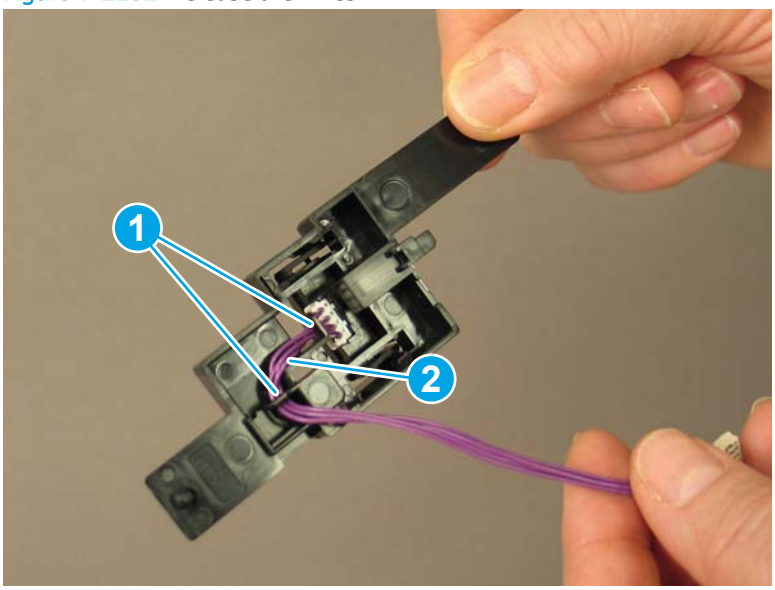
3. Inside the paper tray opening, release one tab (callout 1), and then slide the size-detect switch holder to the right to remove it.

Figure 1-2201 Remove the holder



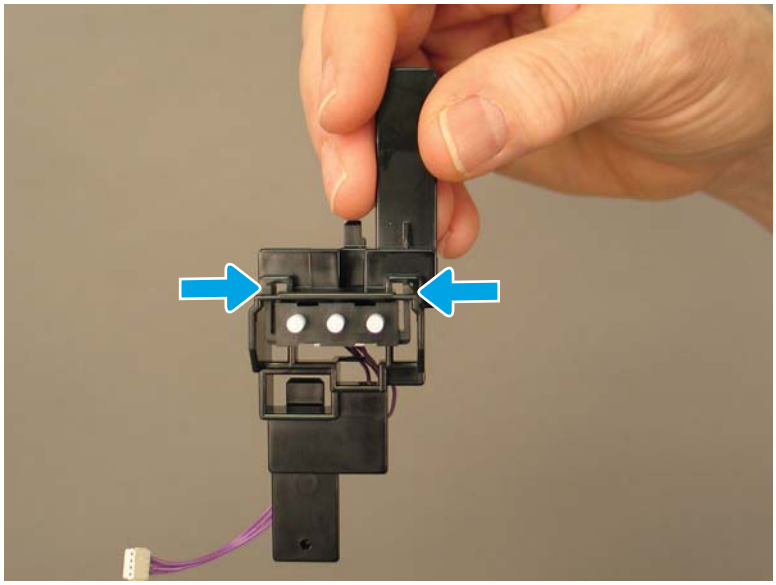
4. On the back of the holder, release the wires (callout 1) from the guides (callout 2).

Figure 1-2202 Release the wires



5. Release two tabs, and then remove the size-detect switch from the holder.

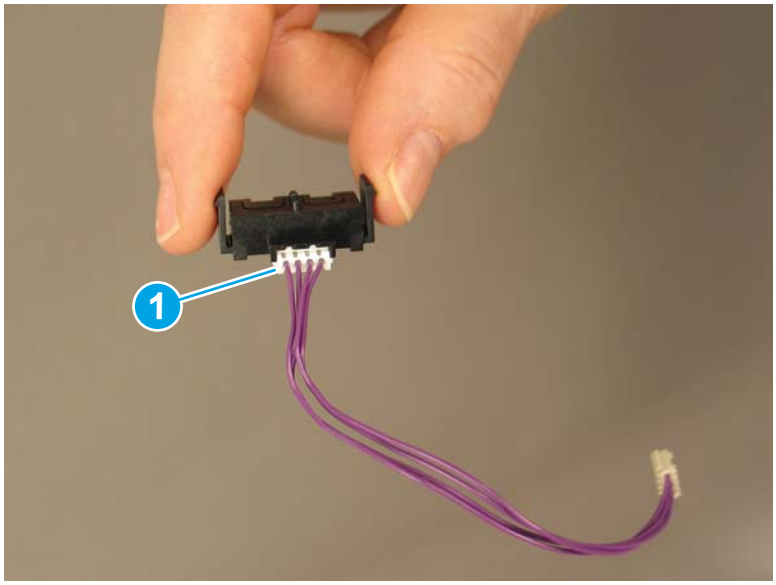
Figure 1-2203 Remove the size-detect switch



6. Disconnect one connector (callout 1).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2204 Disconnect one connector



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Upper drawer holder and cable assembly (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the upper drawer holder and cable assembly (550-sheet paper feeder)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the upper drawer holder and cable assembly on the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Upper drawer holder and cable assembly (550-sheet paper feeder) part numbers	
RC4-7680-000CN	Holder, drawer, upper
RM2-8880-000CN	Option upper cable assembly

Required tools

- Small, flat-blad screwdriver

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

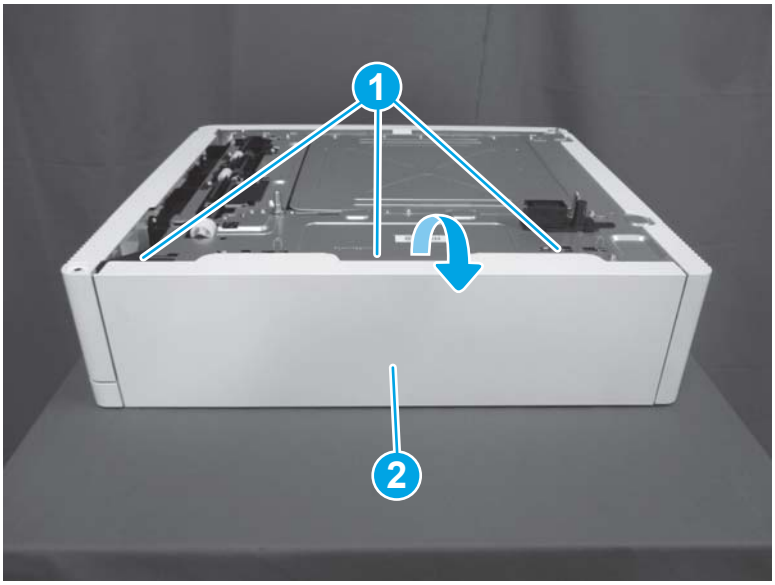
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

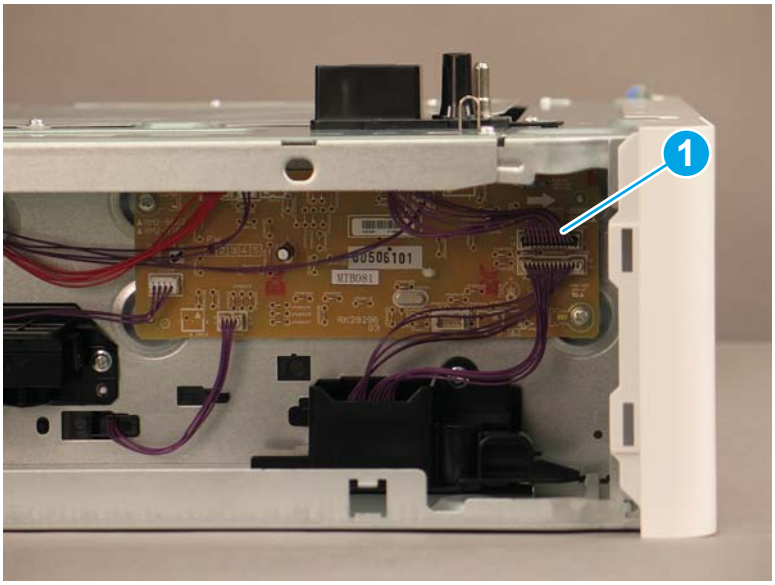
Figure 1-2205 Remove the rear cover



Step 2: Remove the upper drawer holder and cable assembly (550-sheet paper feeder)

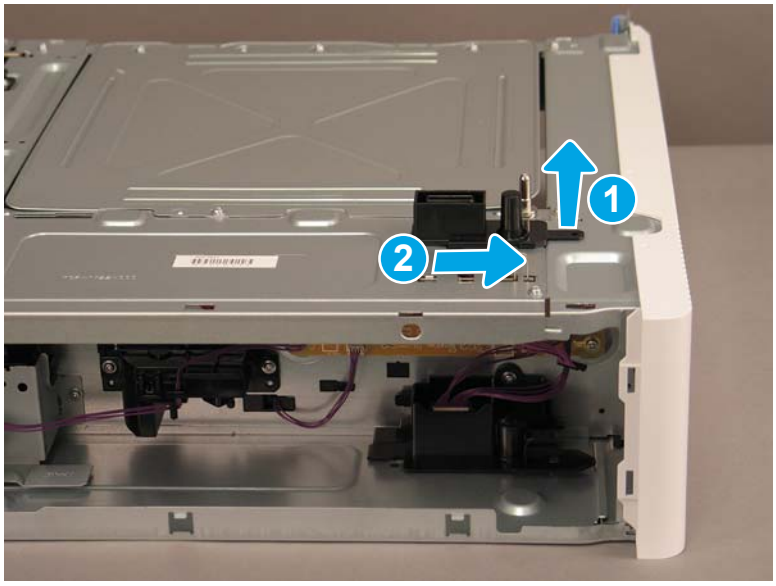
1. At the rear of the paper feeder, disconnect one connector (callout 1).

Figure 1-2206 Disconnect one connector



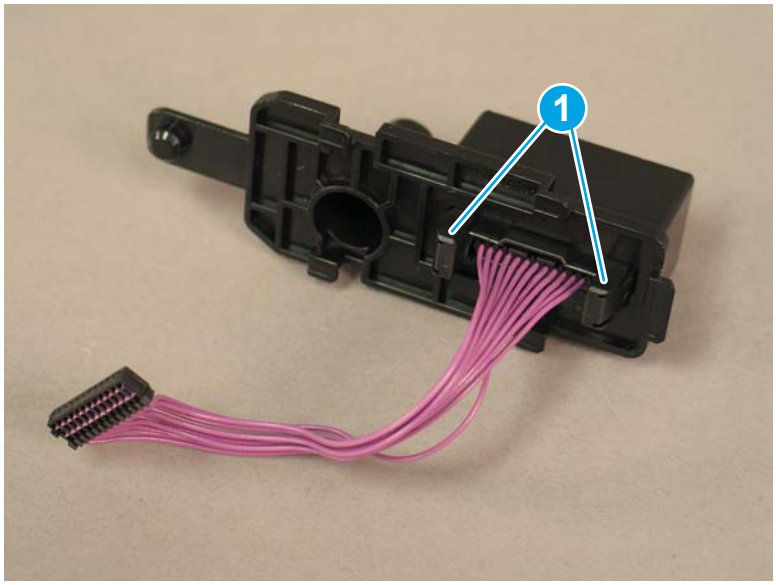
2. At the top of the paper feeder, lift one tab (callout 1), and then slide the upper drawer holder to the right to remove it.

Figure 1-2207 Remove the holder



3. Use a small, flat-blad screwdriver to release two tabs (callout 1).

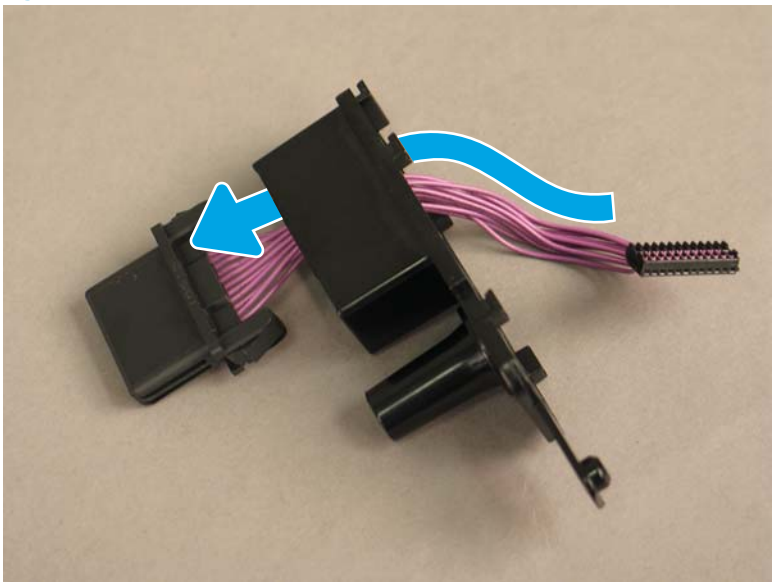
Figure 1-2208 Release two tabs



4. Remove the cable assembly from the drawer holder.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2209 Remove the cable assembly



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lower drawer holder cable assembly (550-sheet paper feeder)

- Introduction
- Step 1: Remove the rear cover (550-sheet paper feeder)
- Step 2: Remove the lower drawer holder cable assembly (550-sheet paper feeder)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lower drawer holder cable assembly on the 550-sheet paper feeder.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lower drawer holder cable assembly (550-sheet paper feeder) part numbers	
RM2-8881-000CN	Option lower cable assembly

Required tools

- Small, flat-blad screwdriver
- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

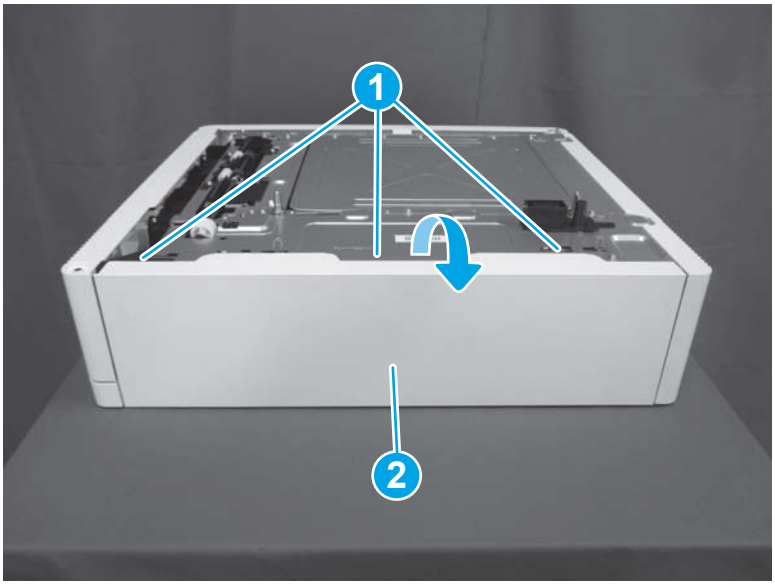
Send a print job from the host computer to the 550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (550-sheet paper feeder)

▲ Release three tabs (callout 1), and then rotate the top of the rear cover (callout 2) out and away from the paper feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

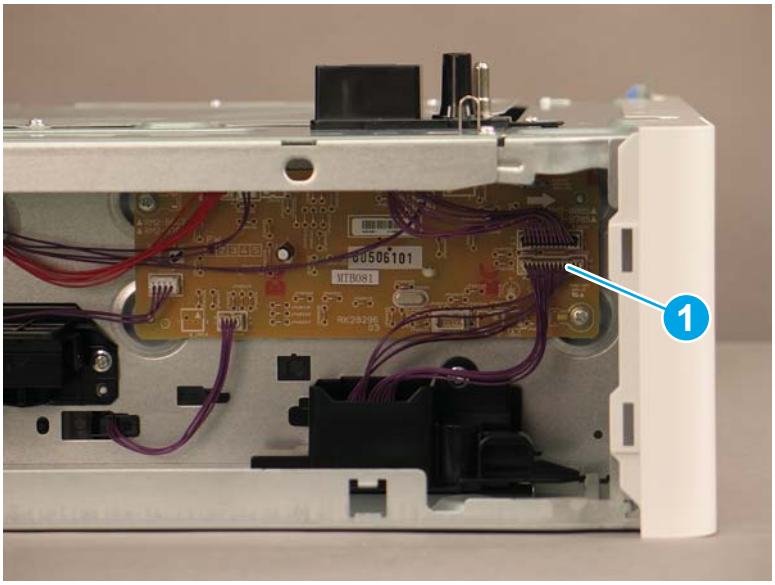
Figure 1-2210 Remove the rear cover



Step 2: Remove the lower drawer holder cable assembly (550-sheet paper feeder)

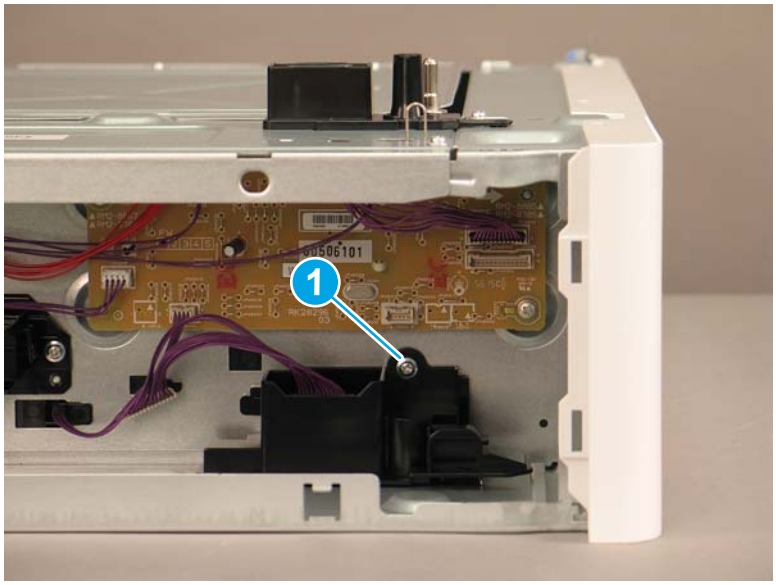
1. At the rear of the paper feeder, disconnect one connector (callout 1).

Figure 1-2211 Disconnect one connector



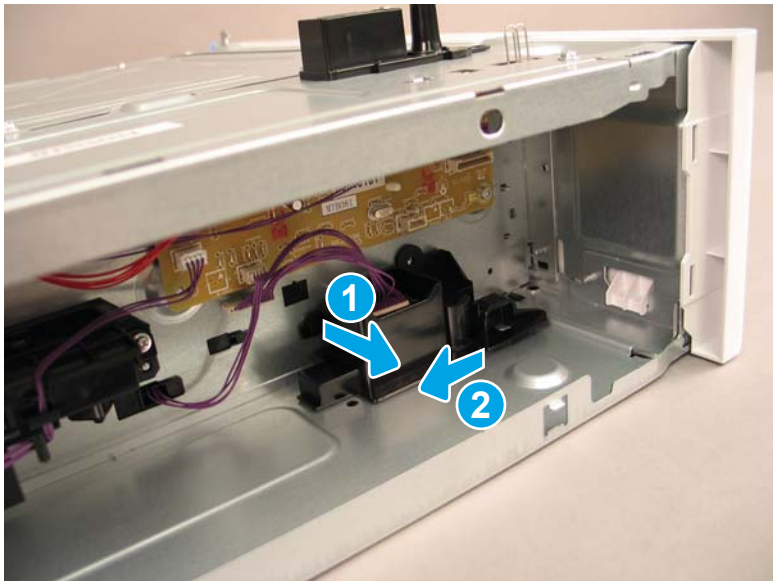
2. Remove one screw (callout 1).

Figure 1-2212 Remove one screw



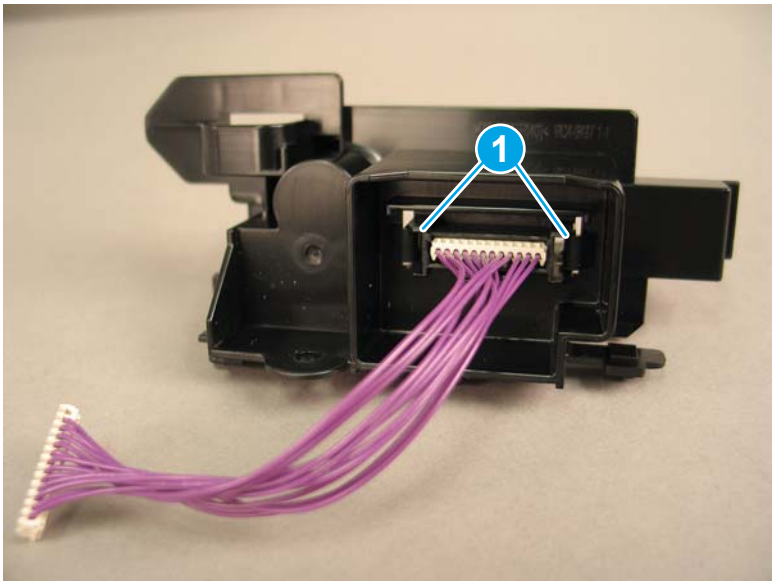
3. Release one tab (callout 1), and then slide the drawer holder to the left to remove it.

Figure 1-2213 Remove the drawer holder



4. Use a small, flat-blad screwdriver to release two tabs (callout 1).

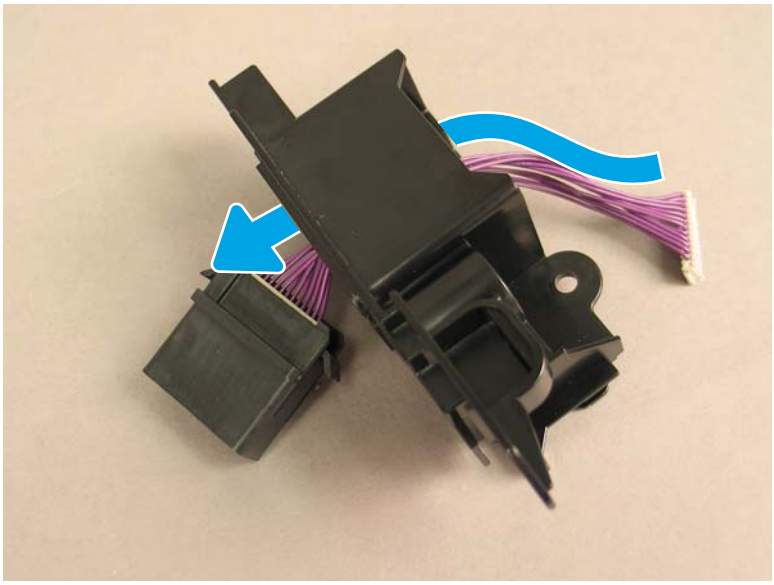
Figure 1-2214 Release two tabs



5. Remove the cable assembly from the drawer holder.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2215 Remove the cable assembly



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: 1x550-sheet paper feeder with stand

- Removal and replacement: Left cover (1x550-sheet paper feeder with stand)
- Removal and replacement: Right door link (1x550-sheet paper feeder with stand)
- Removal and replacement: Right door (1x550-sheet paper feeder with stand)
- Removal and replacement: Rear cover (1x550-sheet paper feeder with stand)
- Removal and replacement: Front door (1x550-sheet paper feeder with stand)
- Removal and replacement: Left lower cover (1x550-sheet paper feeder with stand)
- Removal and replacement: Right lower cover (1x550-sheet paper feeder with stand)
- Removal and replacement: Rear lower cover (1x550-sheet paper feeder with stand)
- Removal and replacement: Front lower cover (1x550-sheet paper feeder with stand)
- Removal and replacement: Right door switch (1x550-sheet paper feeder with stand)
- Removal and replacement: Size sensor (1x550-sheet paper feeder with stand)
- Removal and replacement: Drawer connector holder and cable assembly (1x550-sheet paper feeder with stand)
- Removal and replacement: Auto-close assembly (1x550-sheet paper feeder with stand)
- Removal and replacement: Paper pickup assembly (1x550-sheet paper feeder with stand)
- Removal and replacement: Feed motor (1x550-sheet paper feeder with stand)
- Removal and replacement: Drive assembly (1x550-sheet paper feeder with stand)
- Removal and replacement: Pickup alienation holder (1x550-sheet paper feeder with stand)
- Removal and replacement: Lifter drive assembly (1x550-sheet paper feeder with stand)
- Removal and replacement: Controller PCA (1x550-sheet paper feeder with stand)

Removal and replacement: Left cover (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the left cover (1x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left cover on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left cover (1x550-sheet paper feeder with stand) part number	
RC5-0387-000CN	Cover, left

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

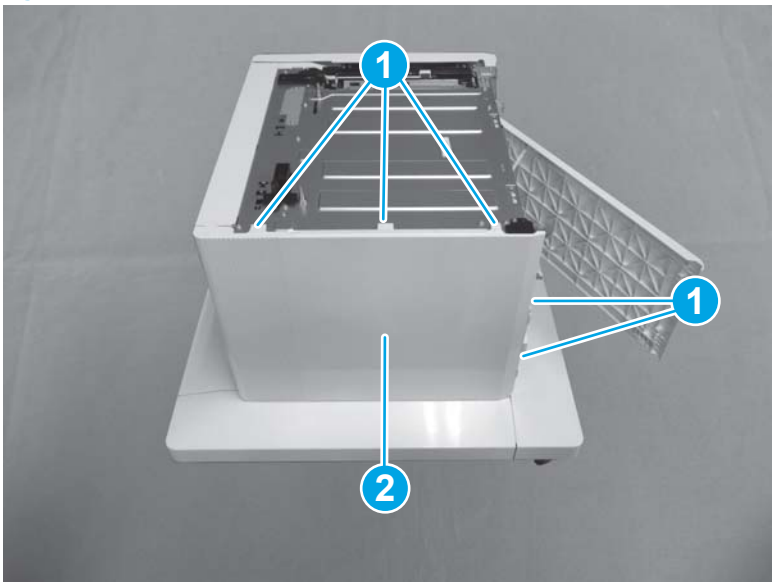
Step 1: Remove the left cover (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2216 Remove the left cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door link (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door link
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the link on the right door on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door link (1x550-sheet paper feeder with stand) part number	
RC4-9824-000CN	Link, door

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

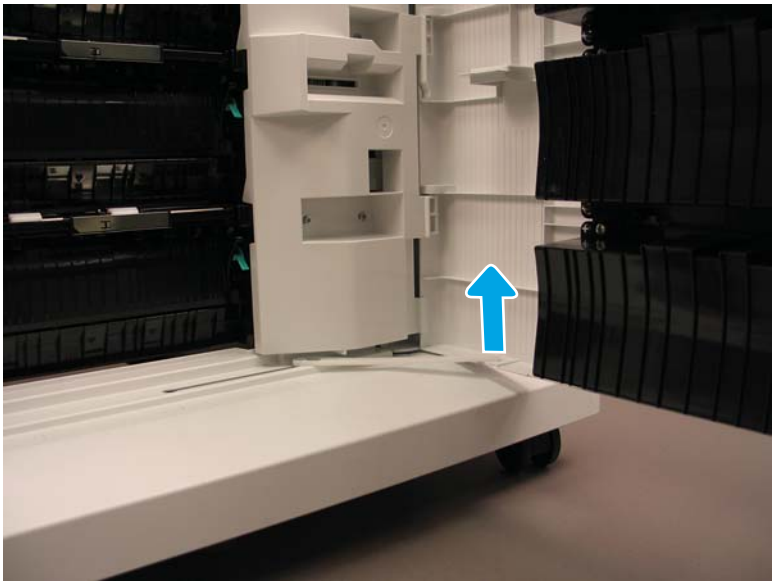
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door link

1. Lift the end of the link arm up and out of the right door.

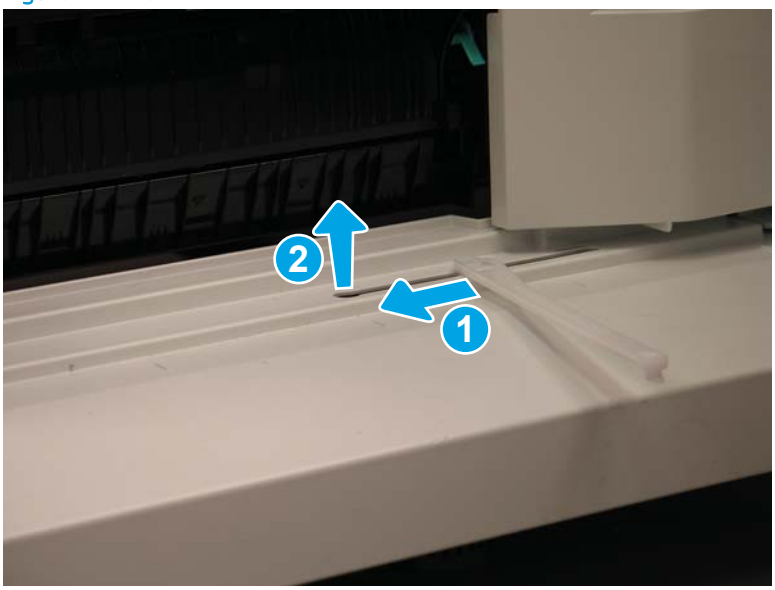
Figure 1-2217 Lift the link arm end



2. Slide the end of the link arm on the paper feeder stand to the left, all the way to the end of the slot (callout 1). Lift the link arm up (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2218 Remove the link arm



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door link arm
- Step 2: Remove the right door
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door (1x550-sheet paper feeder with stand) part number	
RM2-1226-000CN	Right door assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

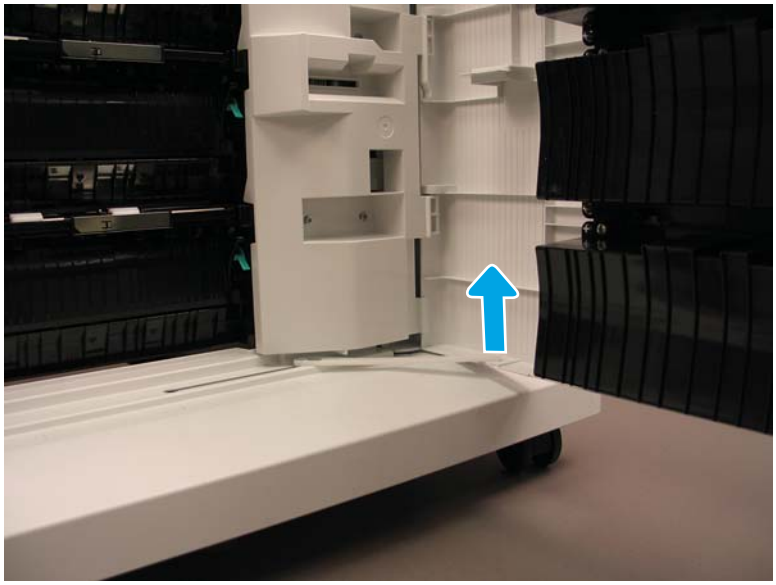
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door link arm

1. Lift the end of the link arm up and out of the right door.

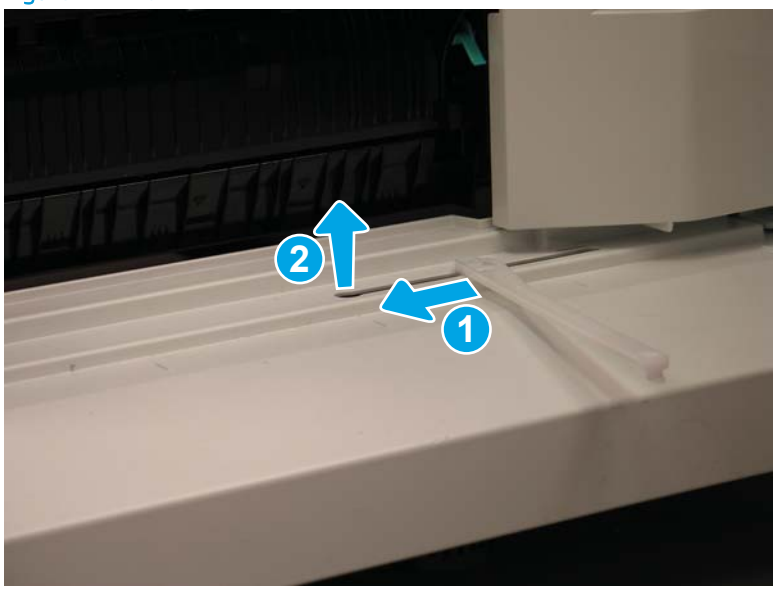
Figure 1-2219 Lift the link arm end



2. Slide the end of the link arm on the paper feeder stand to the left, all the way to the end of the slot (callout 1). Lift the link arm up (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2220 Remove the link arm

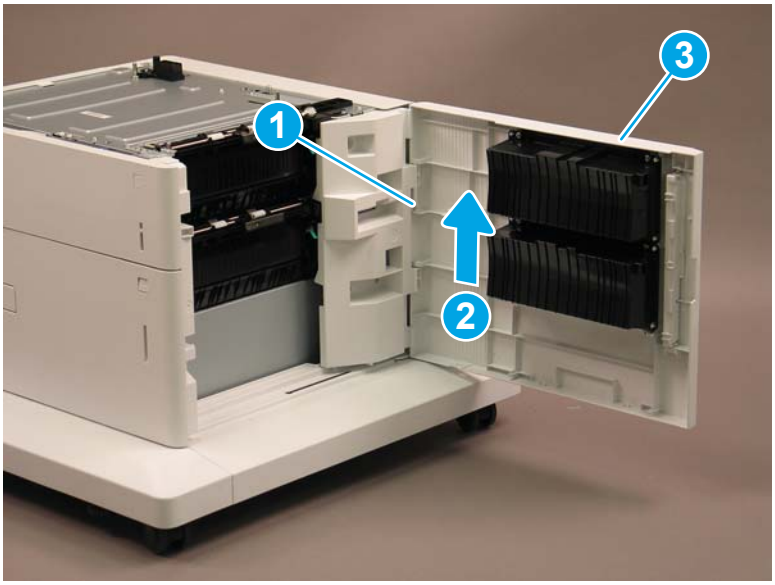


Step 2: Remove the right door

- Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2221 Remove the right door



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear cover (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear cover on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear cover (1x550-sheet paper feeder with stand) part number	
RC5-0386-000CN	Cover, rear

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

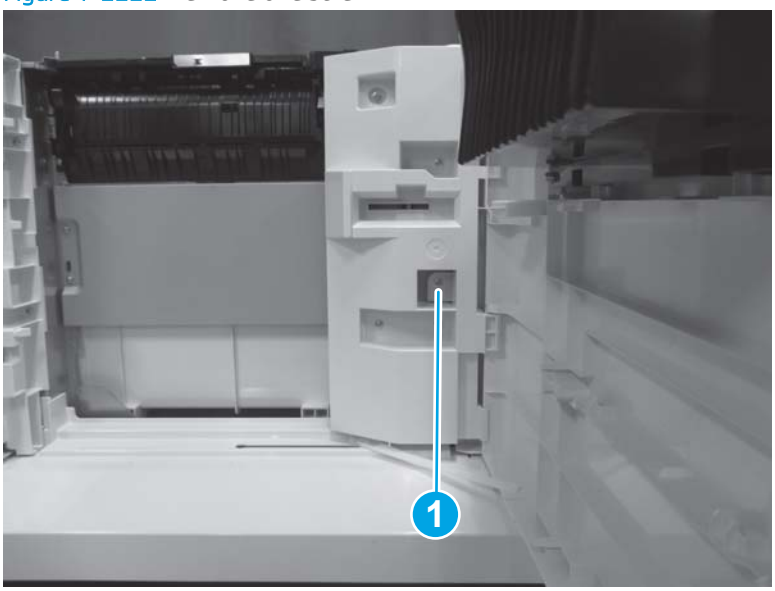
No post service test is available for this assembly.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

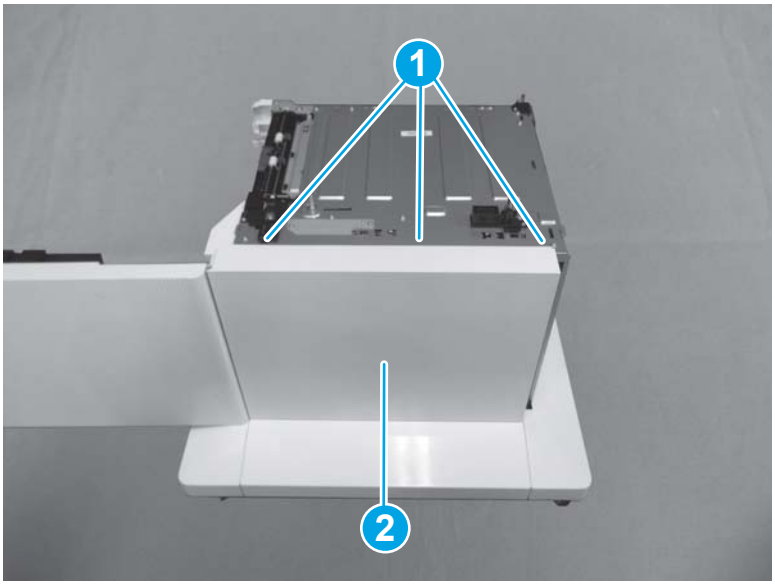
Figure 1-2222 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2223 Remove the rear cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Front door (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the front door (1x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the front door on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Front door (1x550-sheet paper feeder with stand) part number	
RC5-0405-000CN	Door, stock

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

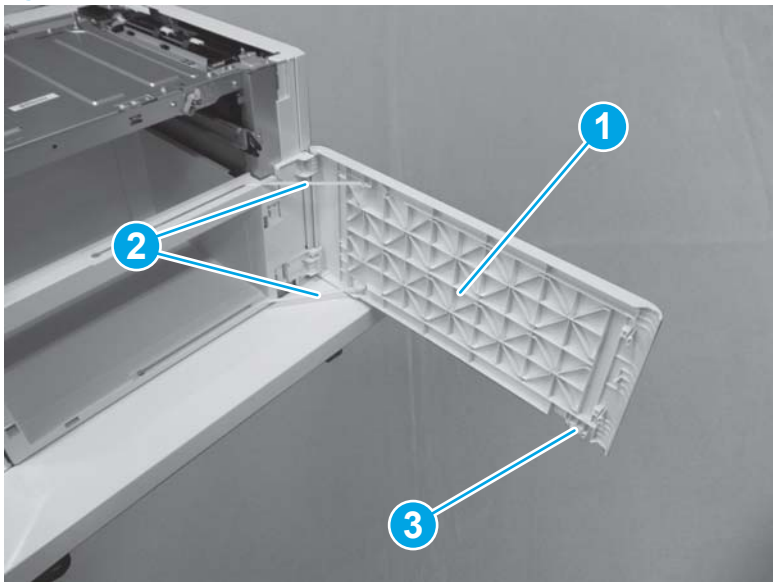
Step 1: Remove the front door (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Slide the front door (callout 1) up to release it. Remove two links (callout 2), and then remove the roller (callout 3). Transfer these parts to the replacement door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2224 Remove the front door



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left lower cover (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the left cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the left lower cover (1x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left lower cover on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left lower cover (1x550-sheet paper feeder with stand) part number	
RC5-0385-000	Cover, left lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

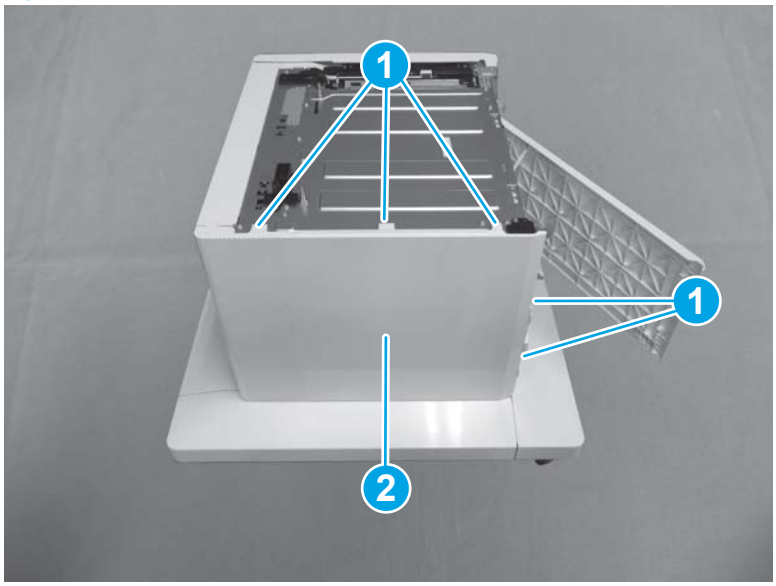
Step 1: Remove the left cover (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2225 Remove the left cover

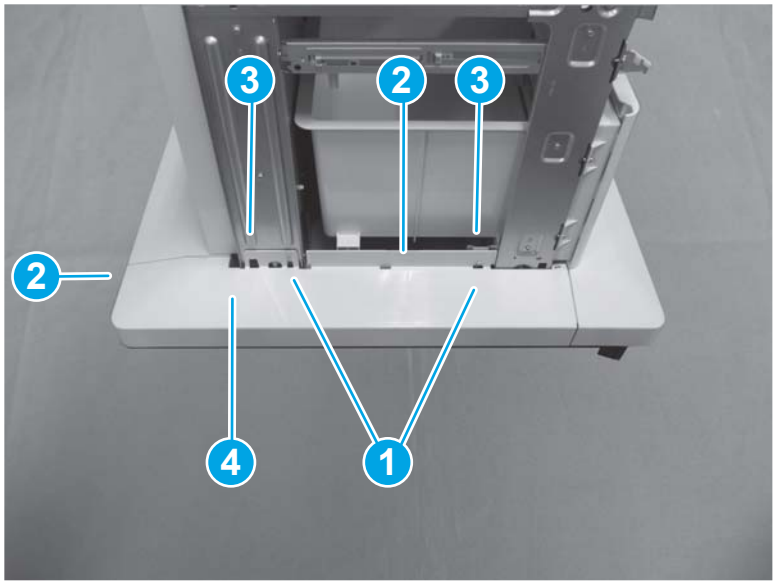


Step 2: Remove the left lower cover (1x550-sheet paper feeder with stand)

▲ Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2226 Remove the left lower cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right lower cover (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the front door (1x550-sheet paper feeder with stand)
- Step 3: Remove the right door (1x550-sheet paper feeder with stand)
- Step 4: Remove the right lower cover
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right lower cover for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right lower cover (1x550-sheet paper feeder with stand) part number	
RC5-0384-000CN	Cover, right lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

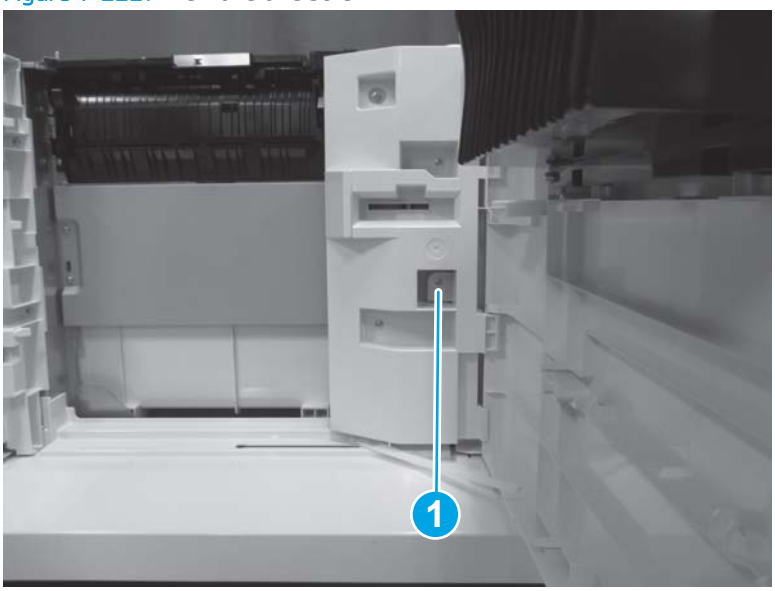
No post service test is available for this assembly.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

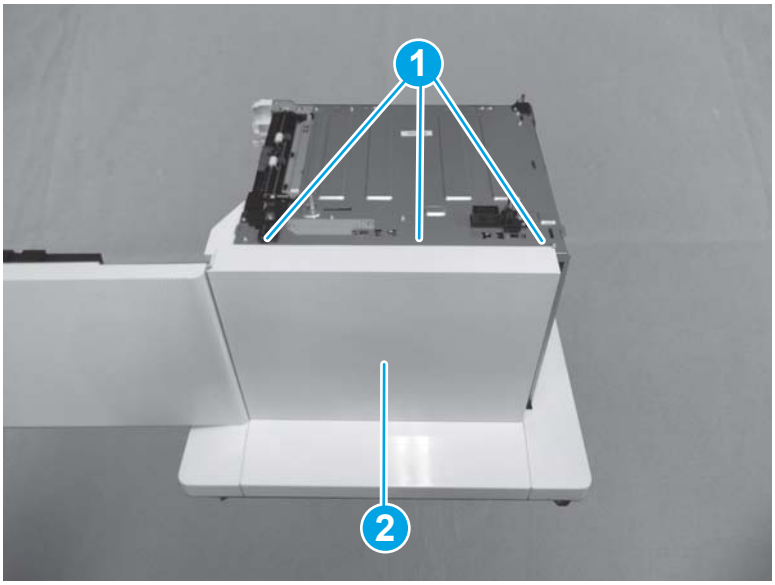
Figure 1-2227 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2228 Remove the rear cover



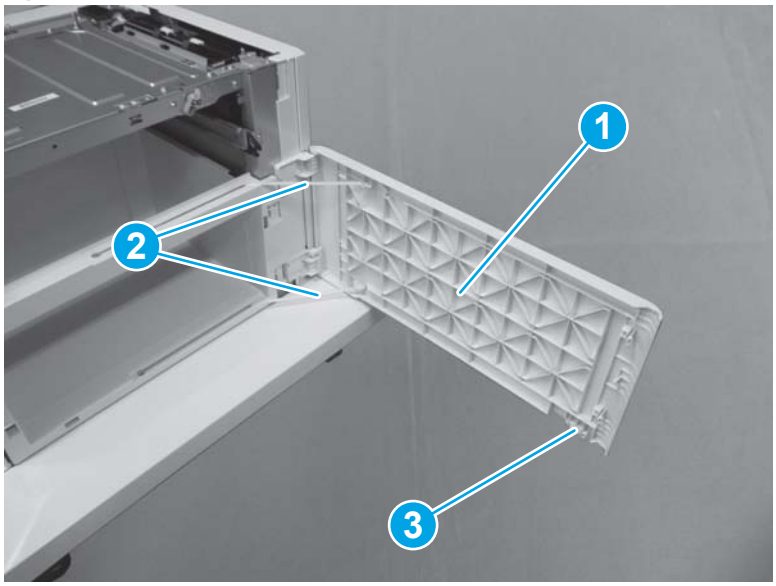
Step 2: Remove the front door (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Slide the front door (callout 1) up to release it. Remove two links (callout 2), and then remove the roller (callout 3). Transfer these parts to the replacement door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2229 Remove the front door

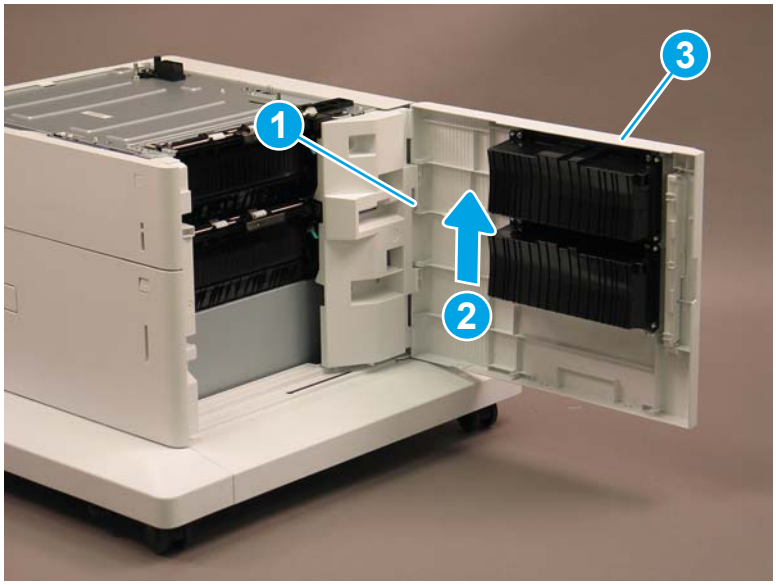


Step 3: Remove the right door (1x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

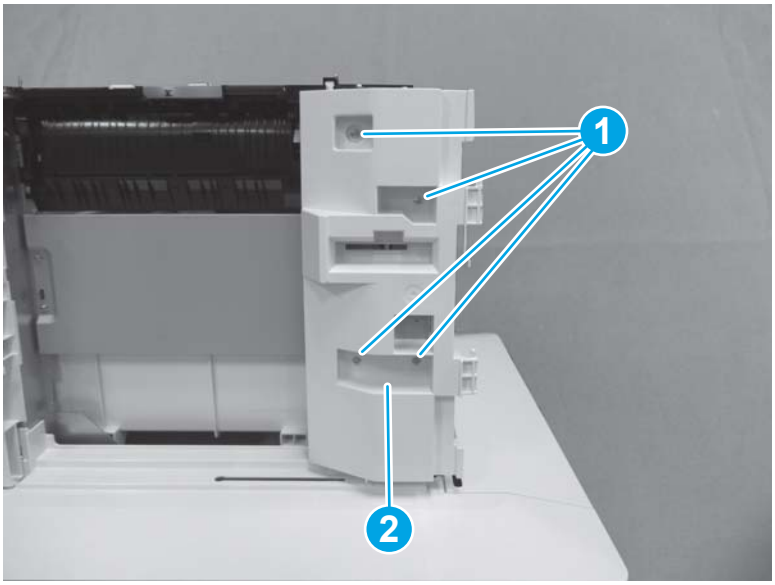
Figure 1-2230 Remove the right door



Step 4: Remove the right lower cover

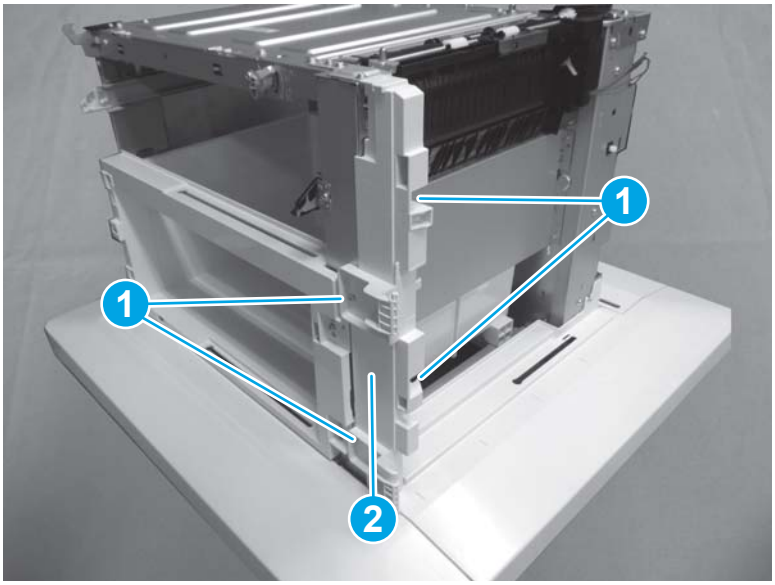
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2231 Remove four screws and the hinge



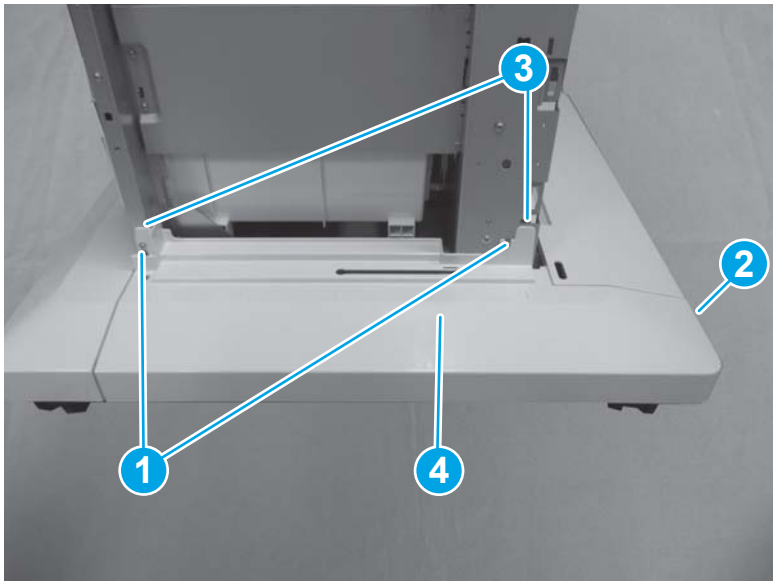
2. Remove four screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2232 Remove four screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

Figure 1-2233 Remove the right lower cover



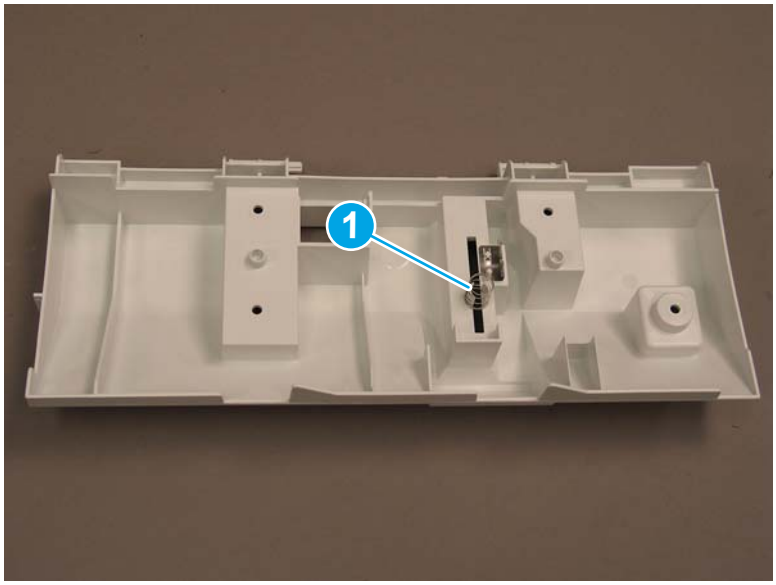
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right lower cover

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

Figure 1-2234 Check spring position



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear lower cover (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the front door (1x550-sheet paper feeder with stand)
- Step 3: Remove the right door (1x550-sheet paper feeder with stand)
- Step 4: Remove the left cover (1x550-sheet paper feeder with stand)
- Step 5: Remove the left lower cover (1x550-sheet paper feeder with stand)
- Step 6: Remove the right lower cover (1x550-sheet paper feeder with stand)
- Step 7: Remove the rear lower cover
- Step 8: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear lower cover for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear lower cover (1x550-sheet paper feeder with stand) part number	
RC5-0399-000CN	Cover, rear lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

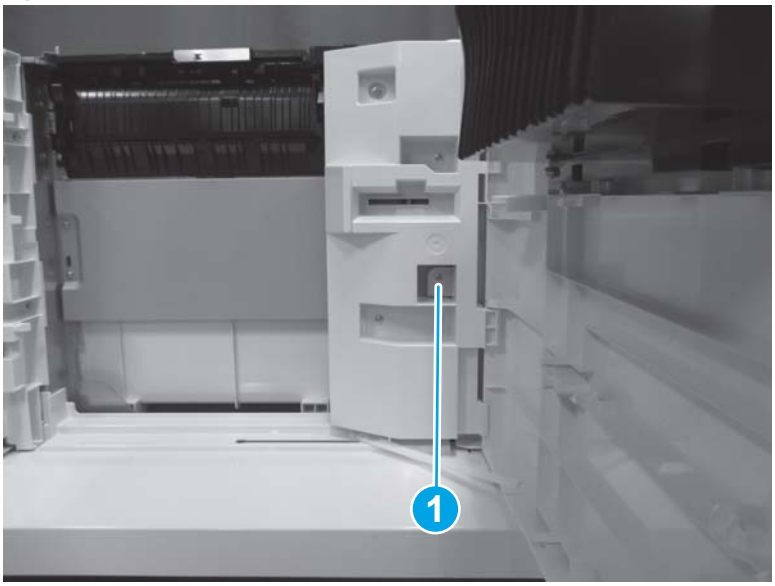
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

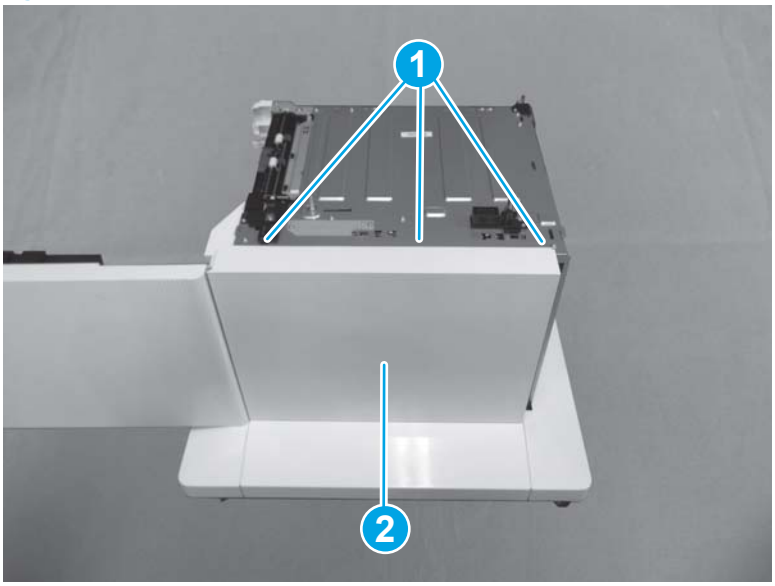
Figure 1-2235 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2236 Remove the rear cover



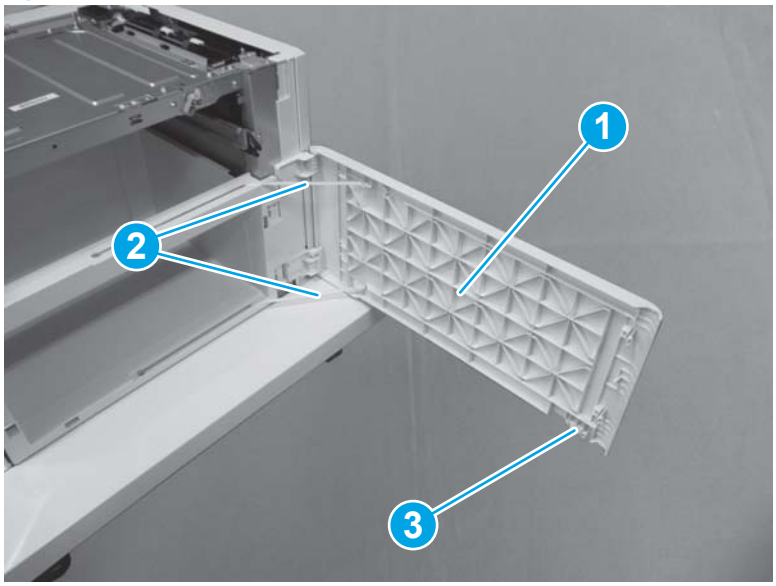
Step 2: Remove the front door (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Slide the front door (callout 1) up to release it. Remove two links (callout 2), and then remove the roller (callout 3). Transfer these parts to the replacement door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2237 Remove the front door

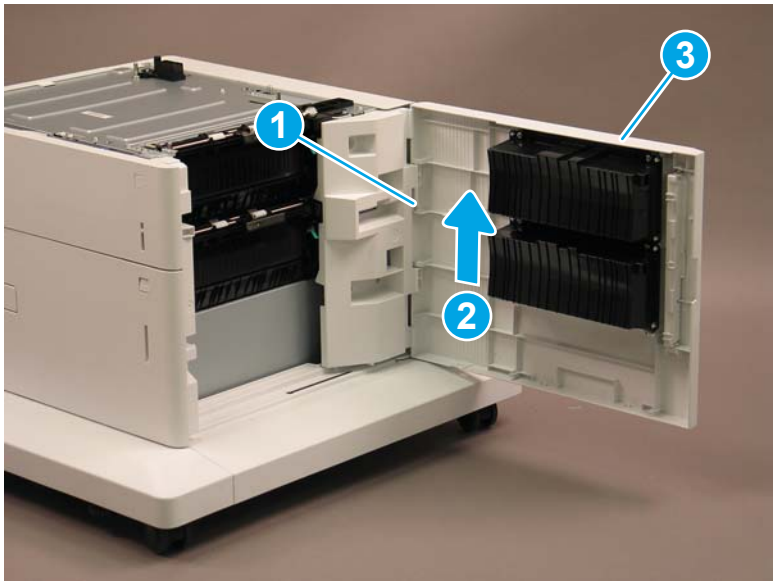


Step 3: Remove the right door (1x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2238 Remove the right door



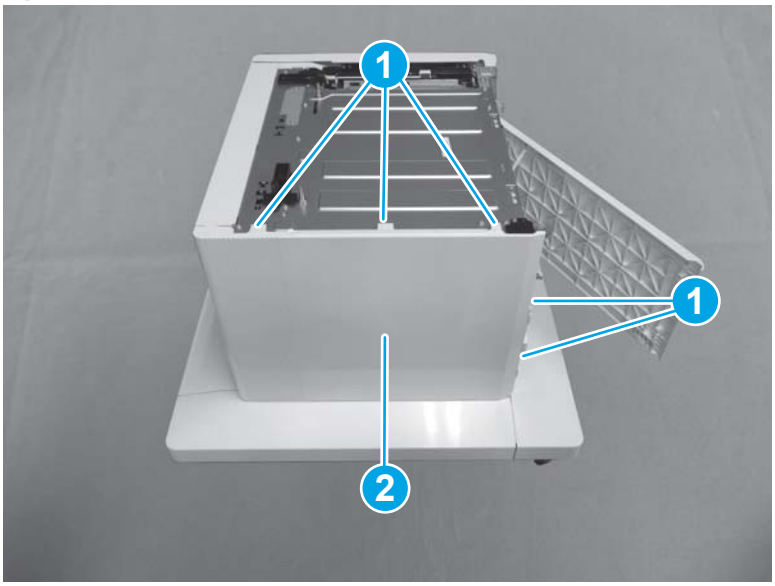
Step 4: Remove the left cover (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2239 Remove the left cover

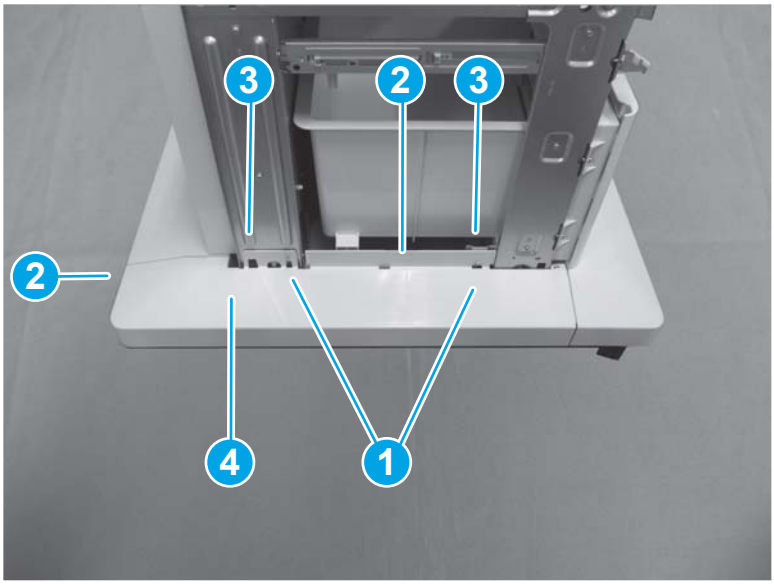


Step 5: Remove the left lower cover (1x550-sheet paper feeder with stand)

▲ Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

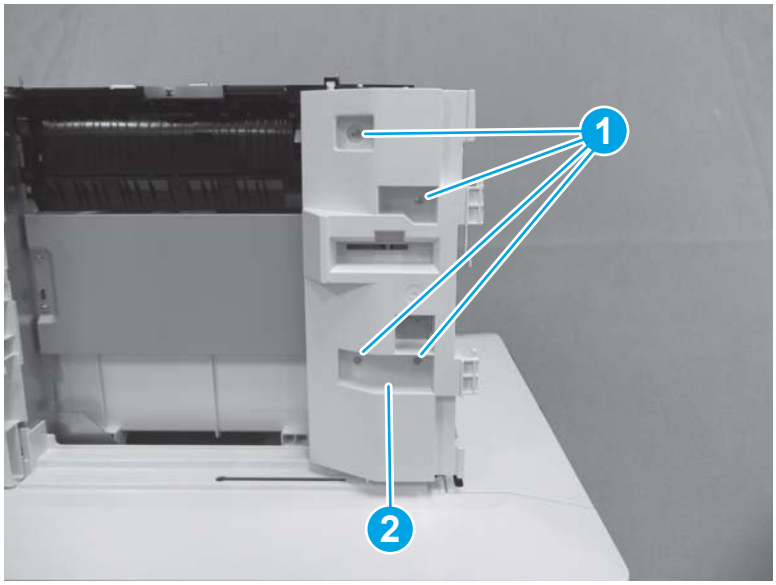
Figure 1-2240 Remove the left lower cover



Step 6: Remove the right lower cover (1x550-sheet paper feeder with stand)

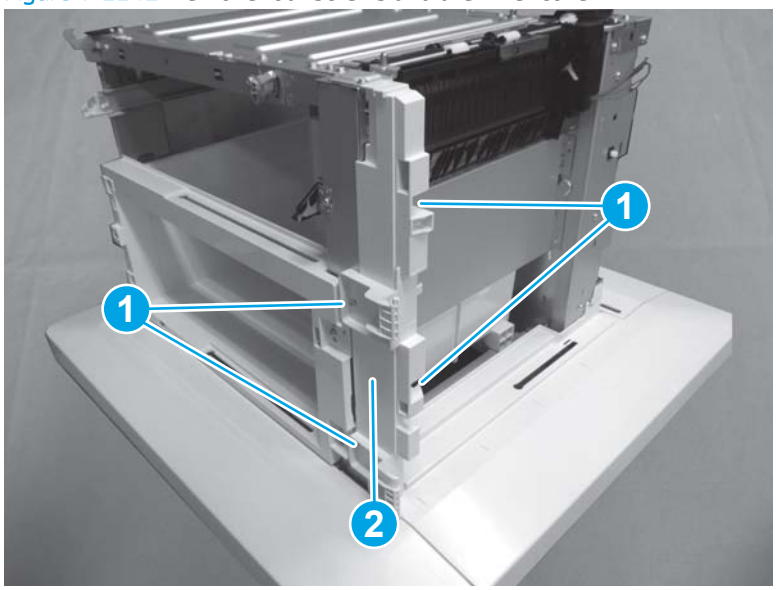
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2241 Remove four screws and the hinge



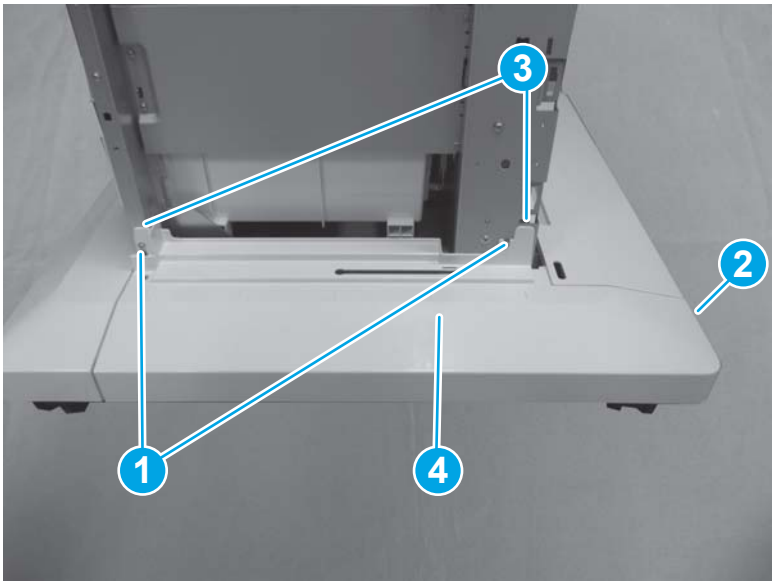
2. Remove four screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2242 Remove four screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

Figure 1-2243 Remove the right lower cover



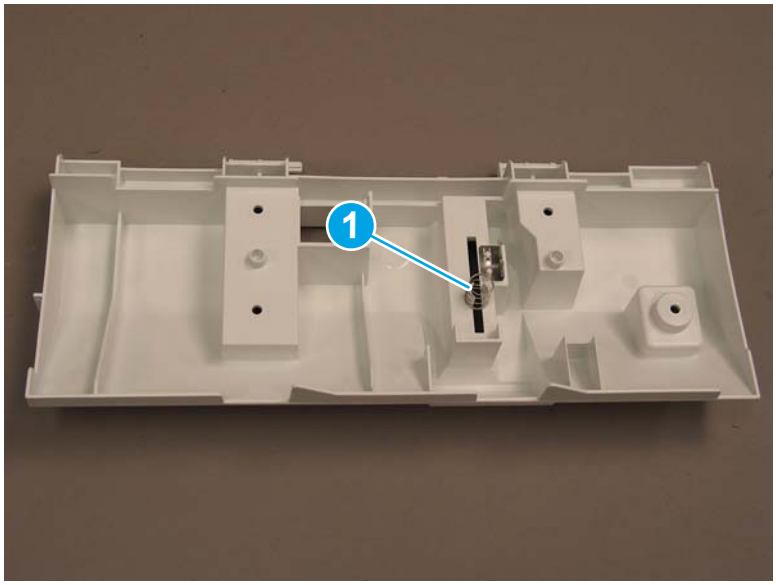
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right lower cover

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

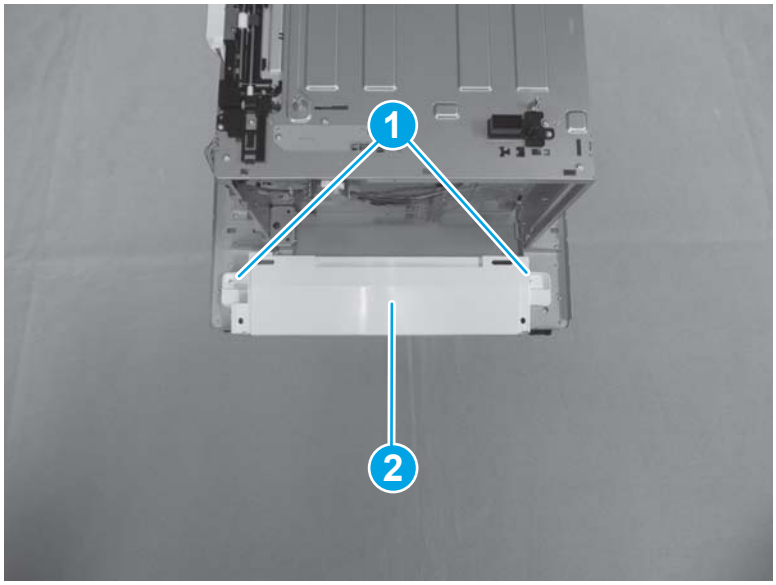
Figure 1-2244 Check spring position



Step 7: Remove the rear lower cover

- Remove two screws (callout 1), and then remove the rear lower cover (callout 2).

Figure 1-2245 Remove the rear lower cover



Step 8: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Front lower cover (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the front door (1x550-sheet paper feeder with stand)
- Step 3: Remove the right door (1x550-sheet paper feeder with stand)
- Step 4: Remove the left cover (1x550-sheet paper feeder with stand)
- Step 5: Remove the left lower cover (1x550-sheet paper feeder with stand)
- Step 6: Remove the right lower cover (1x550-sheet paper feeder with stand)
- Step 7: Remove the front lower cover
- Step 8: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the front lower cover for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Front lower cover (1x550-sheet paper feeder with stand) part number	
RC5-0383-000CN	Cover, front lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

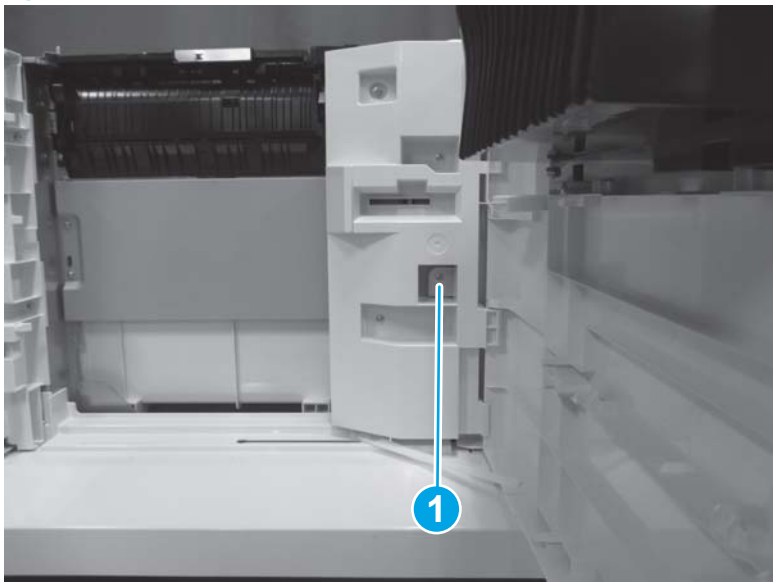
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

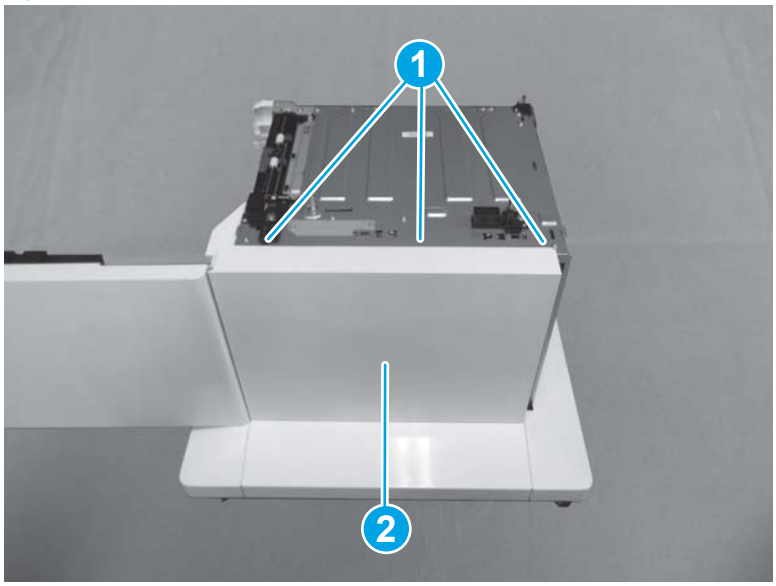
Figure 1-2246 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2247 Remove the rear cover



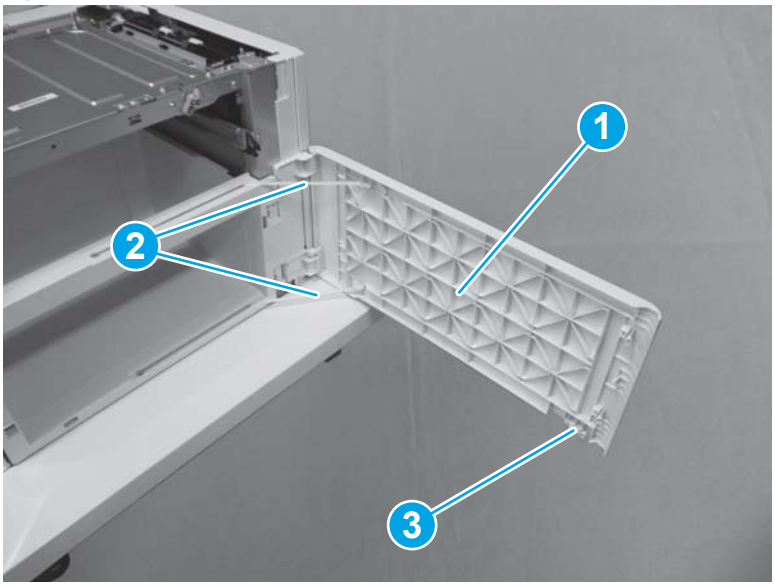
Step 2: Remove the front door (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Slide the front door (callout 1) up to release it. Remove two links (callout 2), and then remove the roller (callout 3). Transfer these parts to the replacement door.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2248 Remove the front door

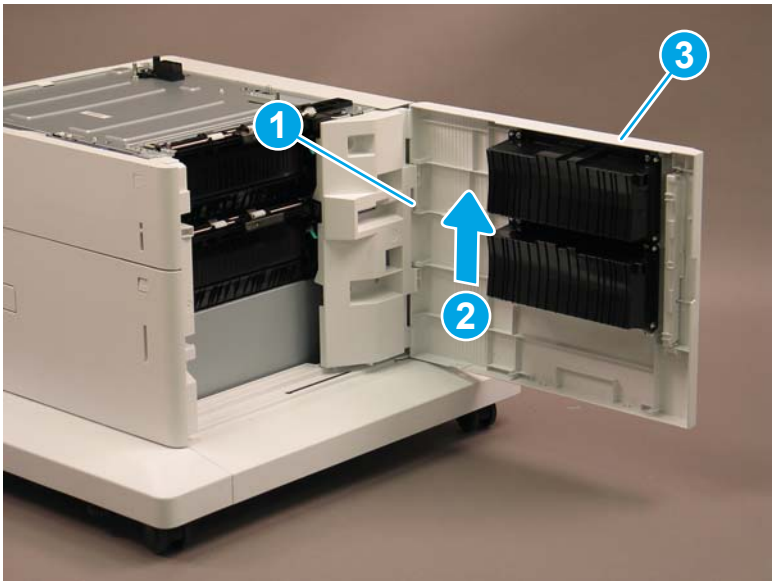


Step 3: Remove the right door (1x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2249 Remove the right door



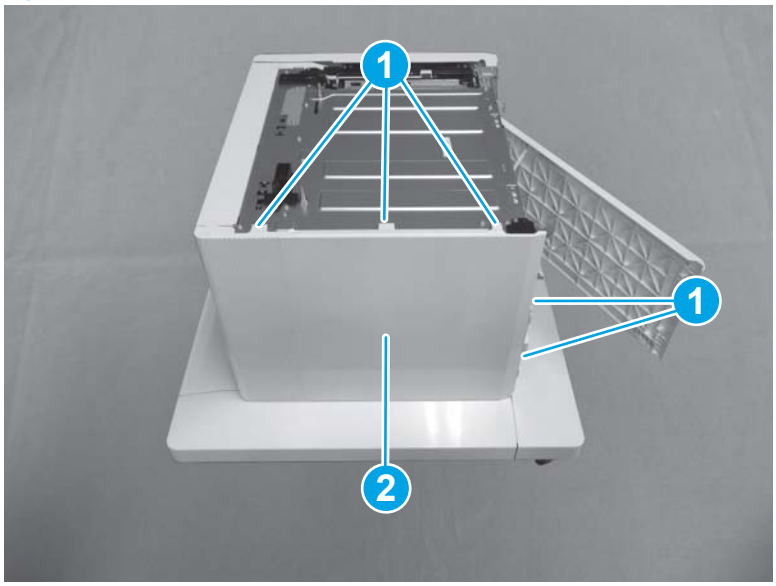
Step 4: Remove the left cover (1x550-sheet paper feeder with stand)

1. Open the front door.

2. Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2250 Remove the left cover

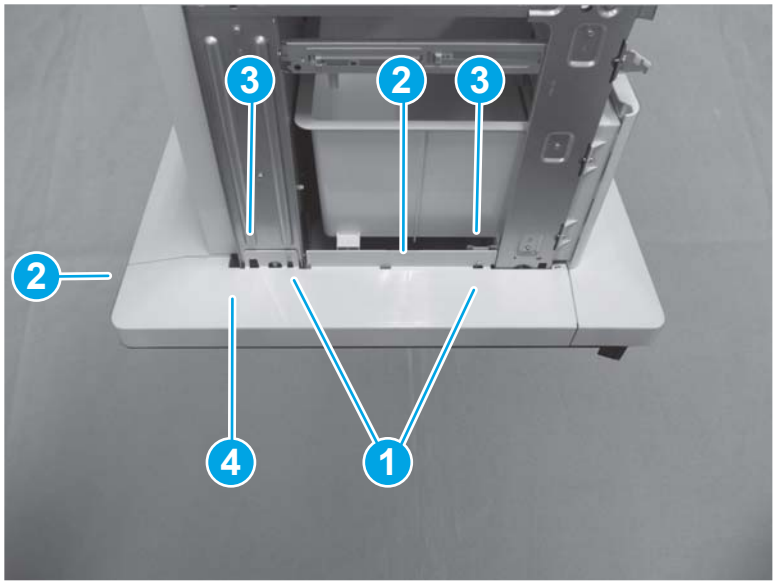


Step 5: Remove the left lower cover (1x550-sheet paper feeder with stand)

▲ Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

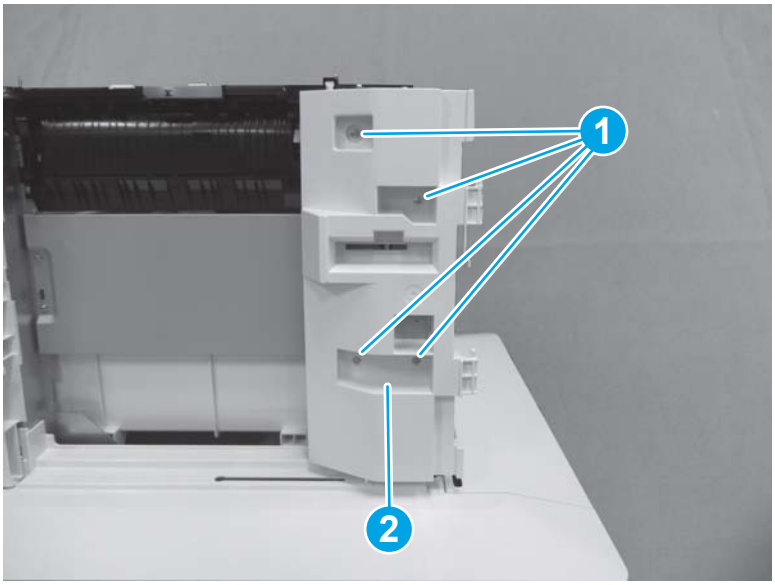
Figure 1-2251 Remove the left lower cover



Step 6: Remove the right lower cover (1x550-sheet paper feeder with stand)

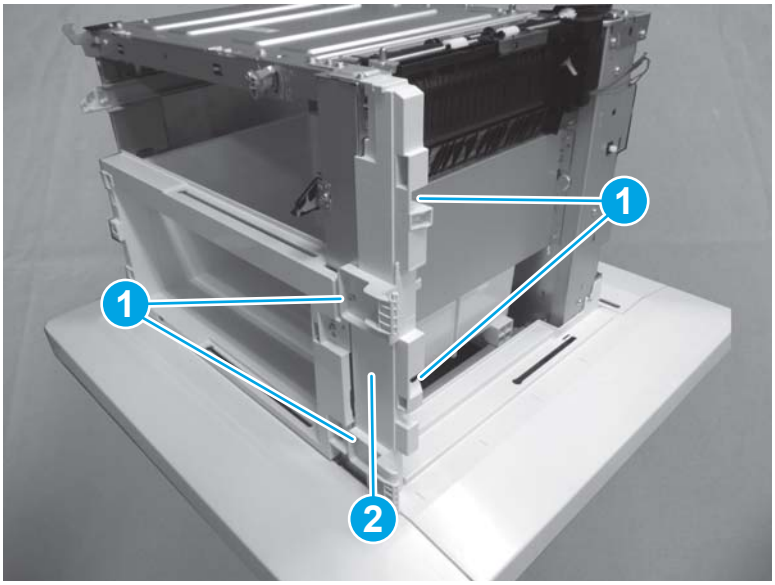
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2252 Remove four screws and the hinge



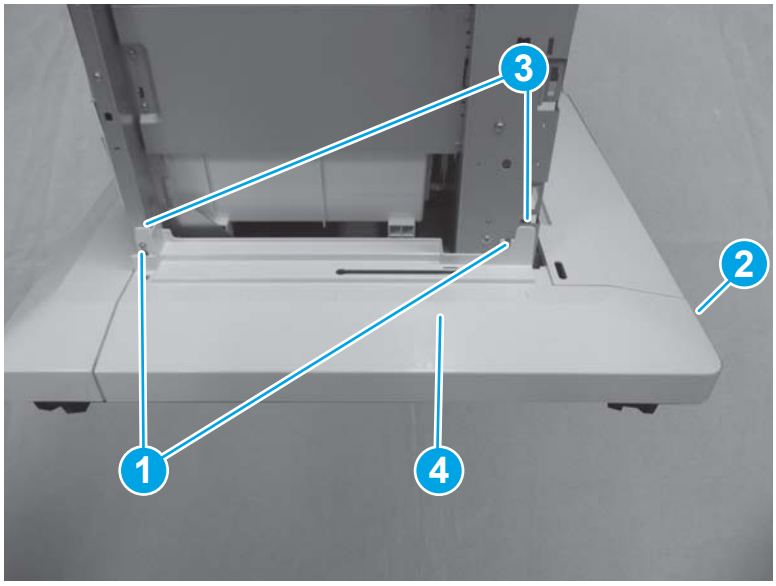
2. Remove four screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2253 Remove four screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

Figure 1-2254 Remove the right lower cover



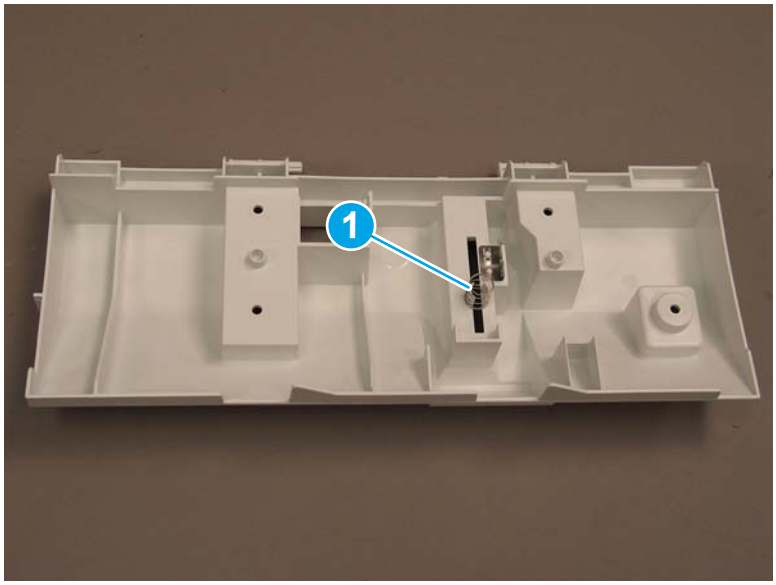
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right lower cover

▲ Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

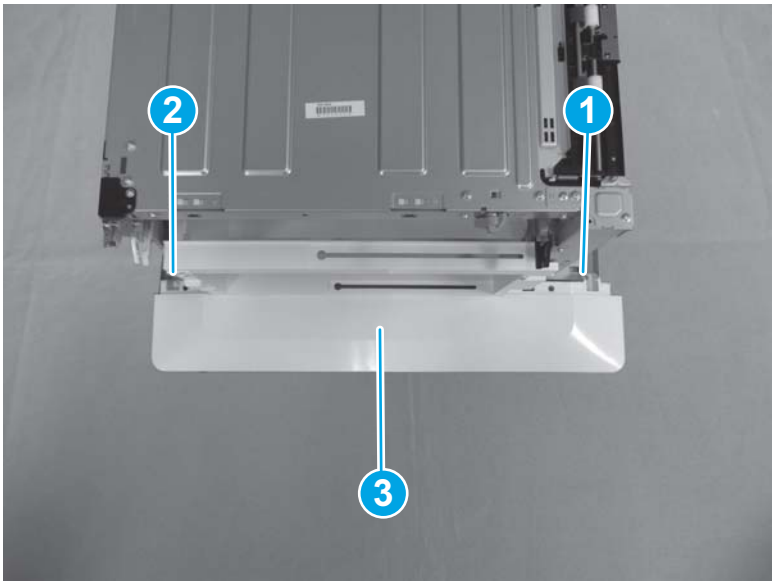
Figure 1-2255 Check spring position



Step 7: Remove the front lower cover

▲ Remove one screw (callout 1), release one tab (callout 2), and then remove the front lower cover (callout 3).

Figure 1-2256 Remove the front lower cover



Step 8: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door switch (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the right door (1x550-sheet paper feeder with stand)
- Step 3: Remove the right door switch (1x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door switch on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door switch (1x550-sheet paper feeder with stand) part number	
WC2-5803-000CN	Switch, push

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

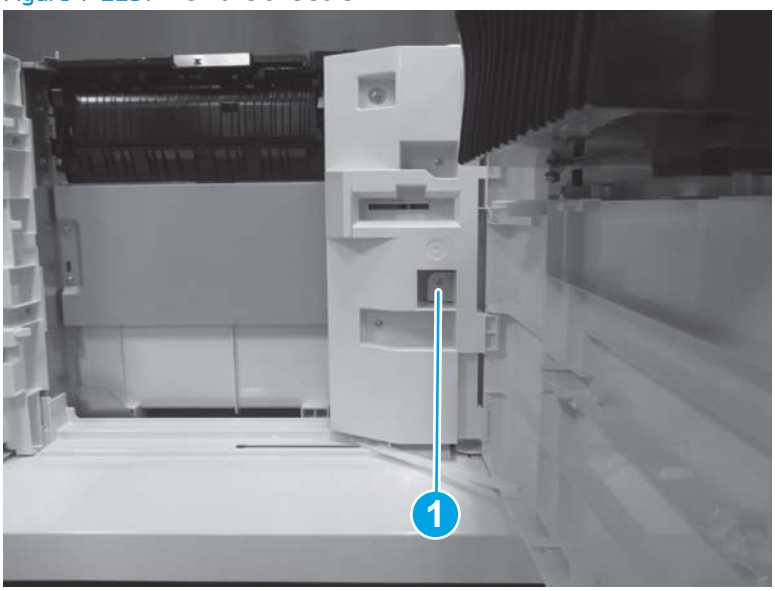
Close the right door. Verify that no door-open messages display on the control panel.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

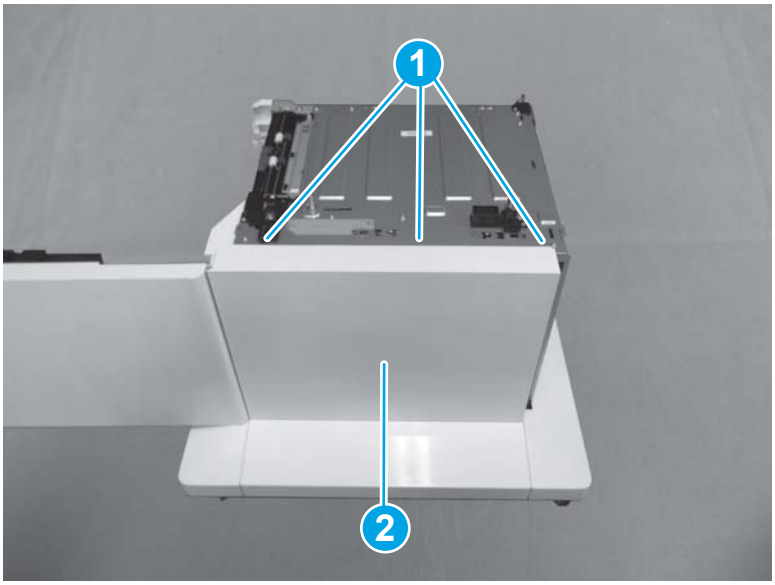
Figure 1-2257 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2258 Remove the rear cover

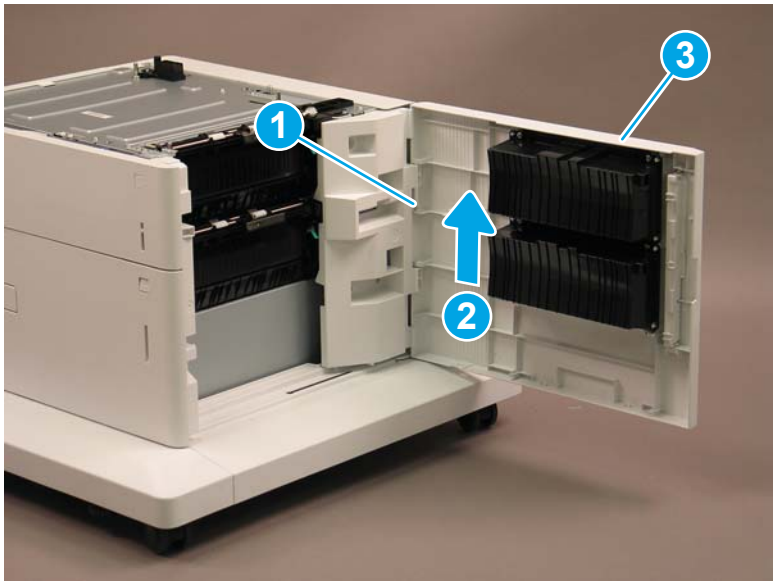


Step 2: Remove the right door (1x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

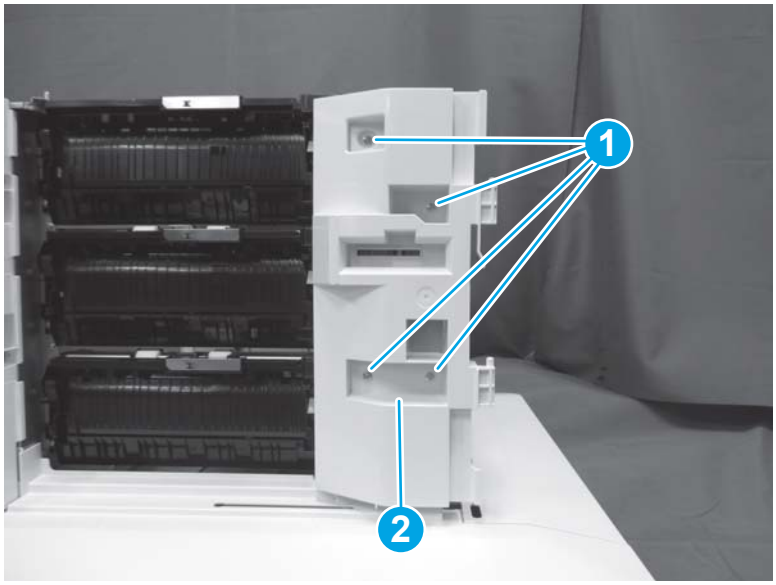
Figure 1-2259 Remove the right door



Step 3: Remove the right door switch (1x550-sheet paper feeder with stand)

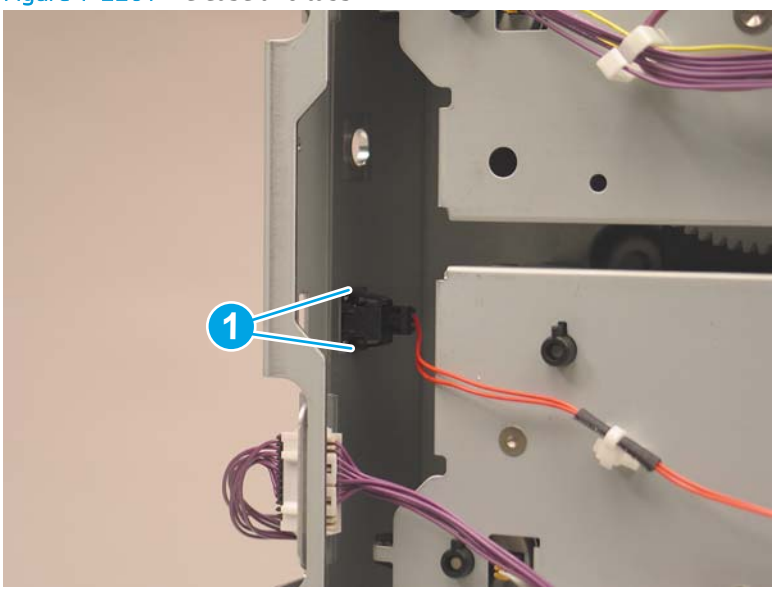
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2260 Remove four screws and the hinge



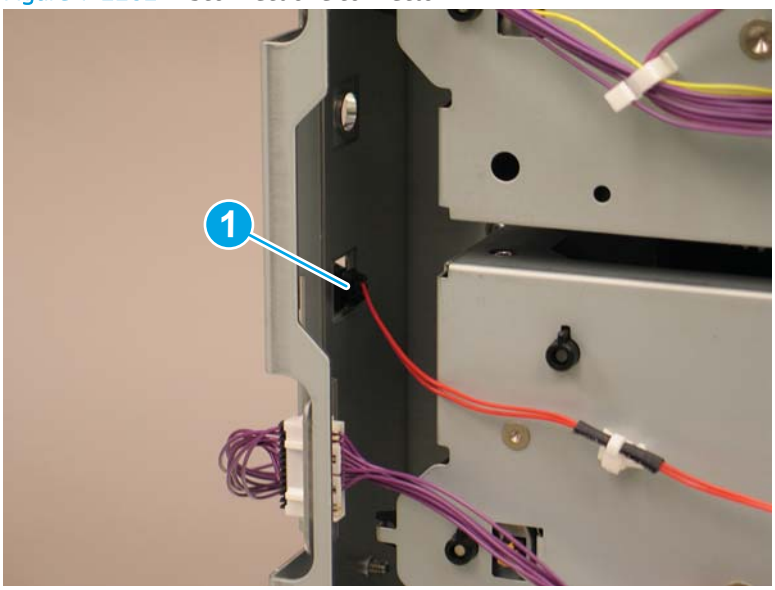
2. At the back of the paper feeder, release two tabs (callout 1) and release the switch through the opening in the sheet metal.

Figure 1-2261 Release two tabs



3. Disconnect one connector (callout 1), and then remove the right door switch.

Figure 1-2262 Disconnect one connector



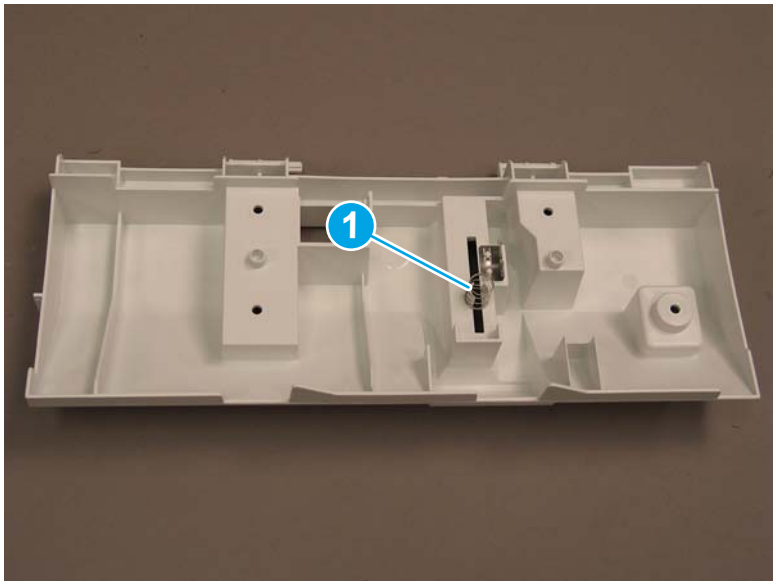
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right door switch

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

Figure 1-2263 Check spring position



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Size sensor (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the size sensor (1x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the size sensor on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Size sensor (1x550-sheet paper feeder with stand) part number	
RM2-0857-000CN	Size sensor assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

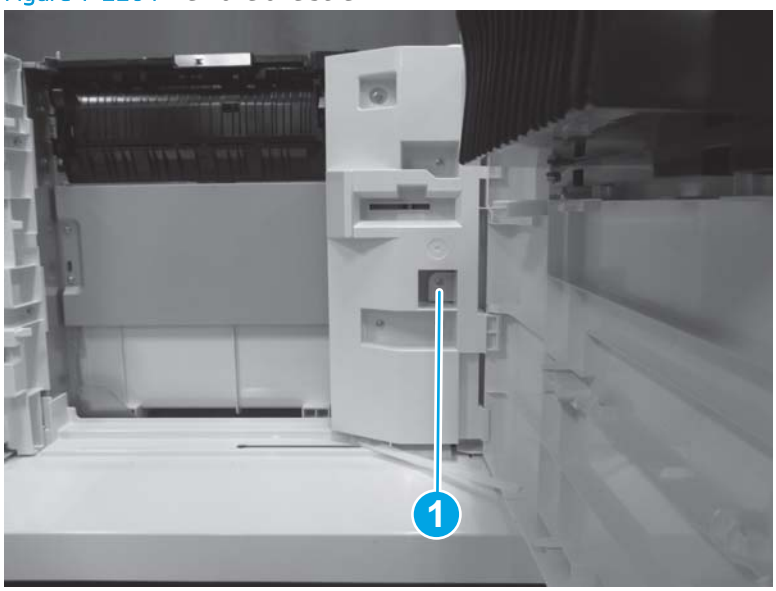
Install the paper tray and verify that the printer detects the correct size of paper in the tray.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

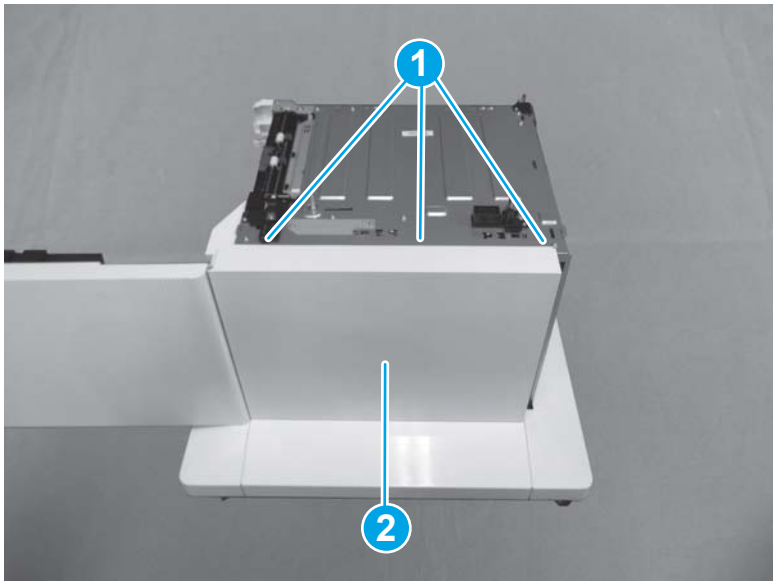
Figure 1-2264 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2265 Remove the rear cover

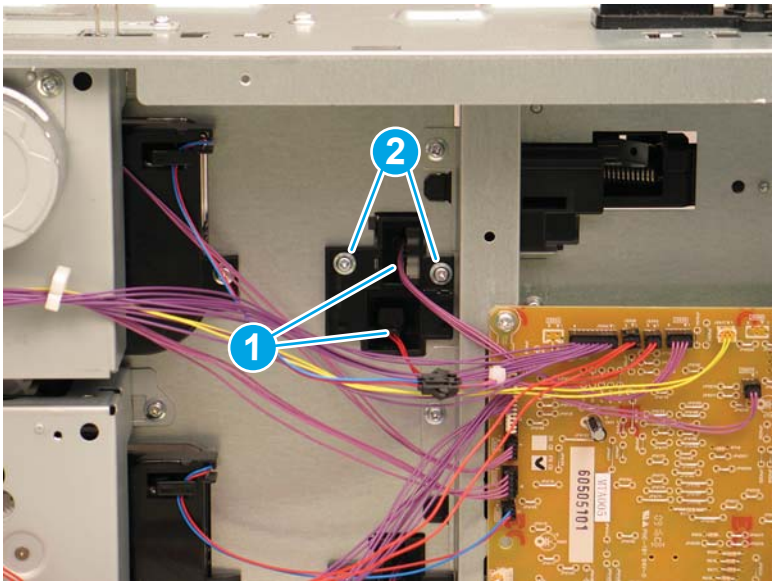


Step 2: Remove the size sensor (1x550-sheet paper feeder with stand)

1. Remove the paper tray.

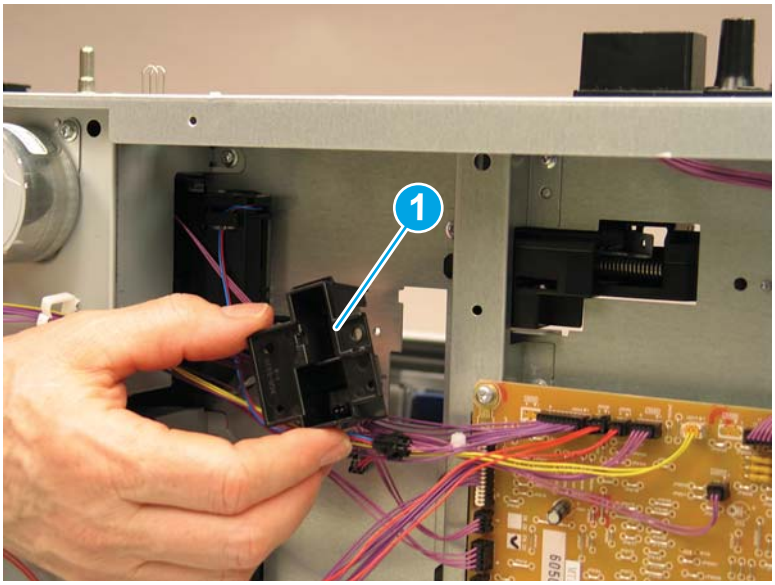
2. At the back of the feeder, disconnect two connectors (callout 1), and then remove two screws (callout 2).

Figure 1-2266 Disconnect two connectors and remove two screws



3. Remove the size sensor (callout 1).

Figure 1-2267 Remove the size sensor



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drawer connector holder and cable assembly (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the drawer connector holder and cable assembly (1x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drawer connector holder and cable assembly on the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drawer connector holder and cable assembly (1x550-sheet paper feeder with stand) part numbers	
RC4-8914-000CN	Holder, drawer connector
RM2-9286-000CN	Drawer upper cable assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

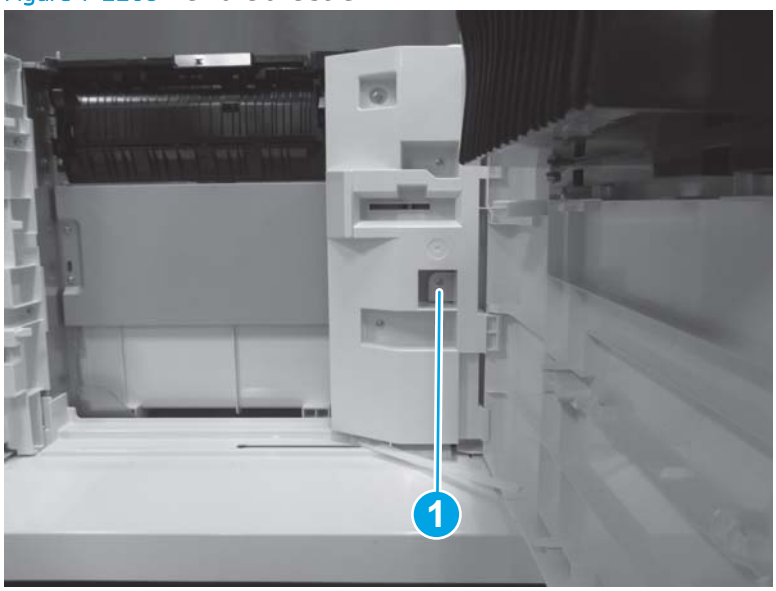
Send a print job from the host computer to the 1x550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

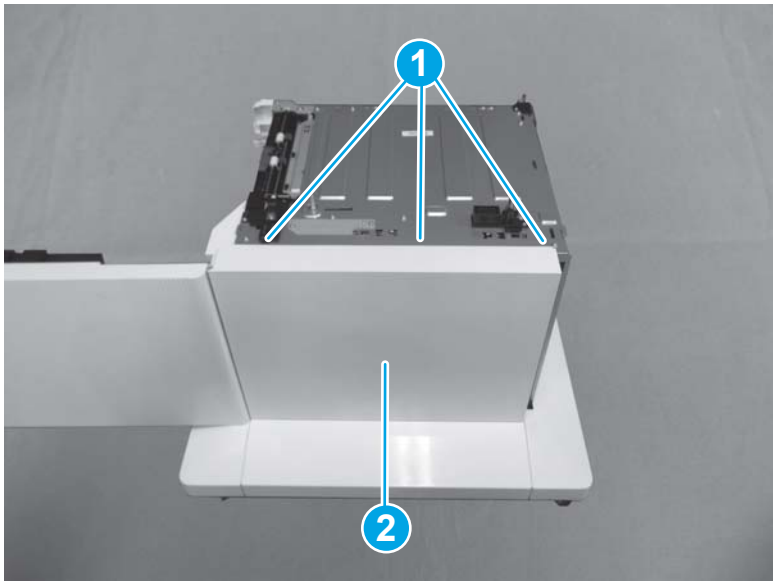
Figure 1-2268 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

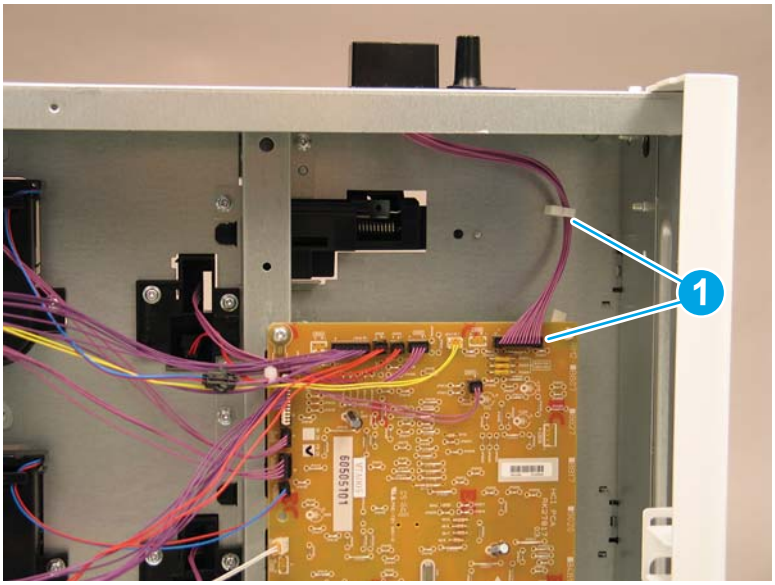
Figure 1-2269 Remove the rear cover



Step 2: Remove the drawer connector holder and cable assembly (1x550-sheet paper feeder with stand)

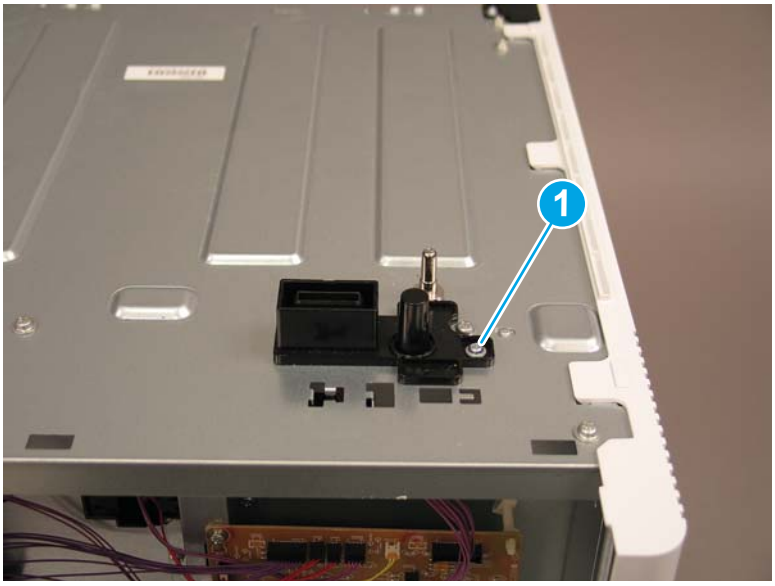
1. At the back of the feeder, disconnect one connector and release one retainer (callout 1).

Figure 1-2270 Disconnect one connector and release retainer



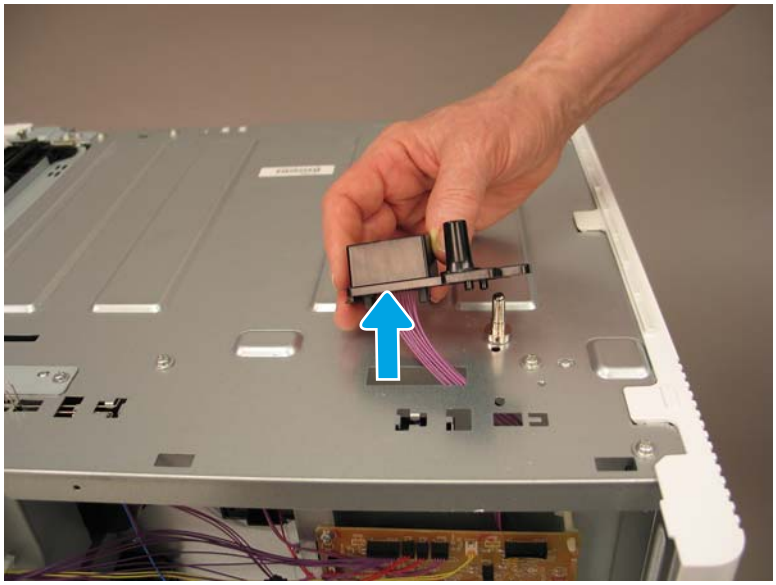
2. At the top of the paper feeder, remove one screw (callout 1).

Figure 1-2271 Remove one screw



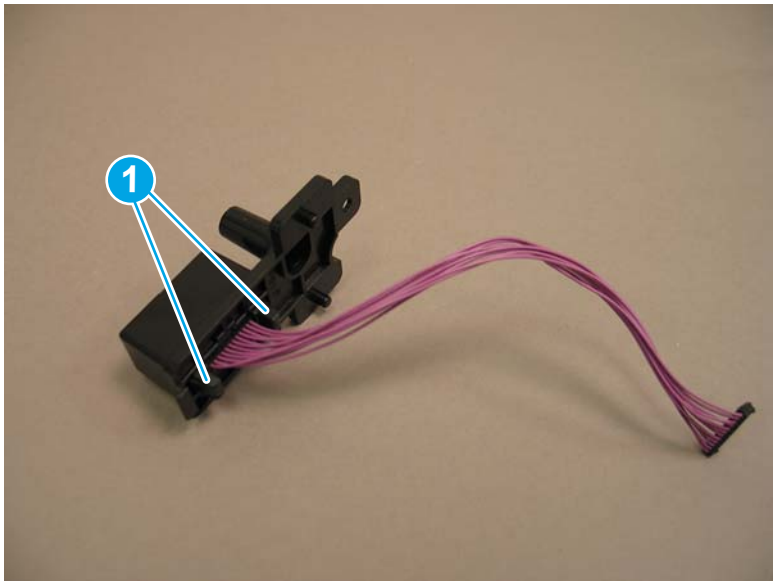
3. Lift the drawer connector holder and cable assembly away from the feeder to remove them.

Figure 1-2272 Remove the drawer connector holder and cable assembly



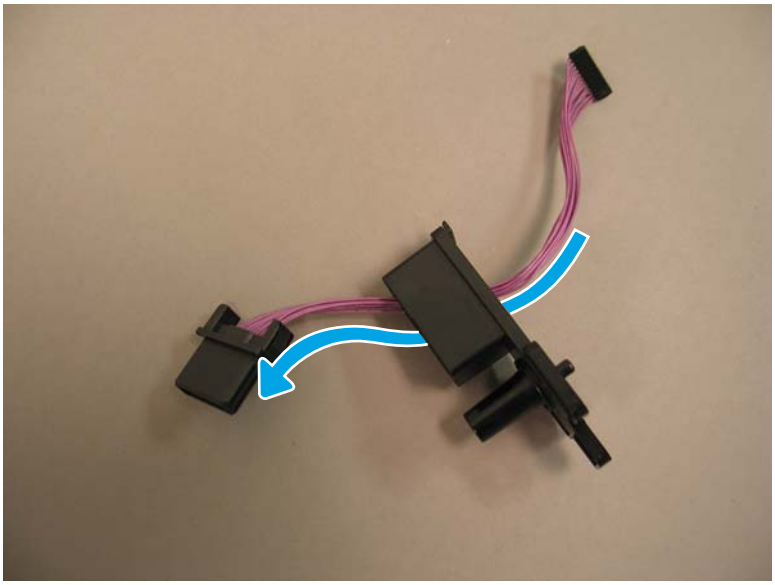
4. Use a small, flat-blad screwdriver to release two tabs (callout 1).

Figure 1-2273 Release two tabs



5. Remove the cable assembly from the drawer connector holder.

Figure 1-2274 Remove the cable assembly



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Auto-close assembly (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the auto-close assembly (1x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the auto-close assembly for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Auto-close assembly (1x550-sheet paper feeder with stand) part number	
RM2-0856-000CN	Auto close assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

Slowly install the paper tray in the paper feeder. Verify that the auto-close assembly catches and pulls the tray completely closed.

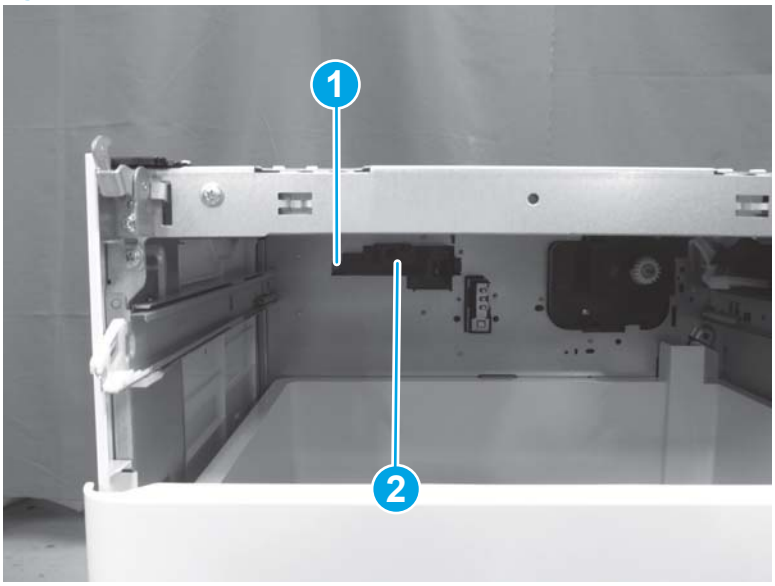
Step 1: Remove the auto-close assembly (1x550-sheet paper feeder with stand)

1. Remove the paper tray.

2. Remove one screw (callout 1), and then remove the auto-close assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2275 Remove the auto-close assembly



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Paper pickup assembly (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door (1x550-sheet paper feeder with stand)
- Step 2: Remove the paper pickup assembly (1x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the paper pickup assembly for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Paper pickup assembly (1x550-sheet paper feeder with stand) part number	
RM2-1235-000CN	Paper pickup assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

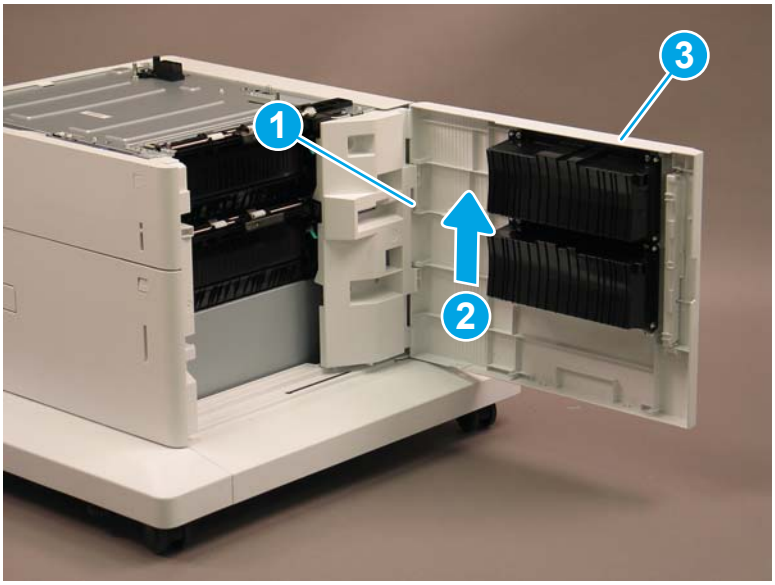
Send a print job from the host computer to the 1x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the right door (1x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

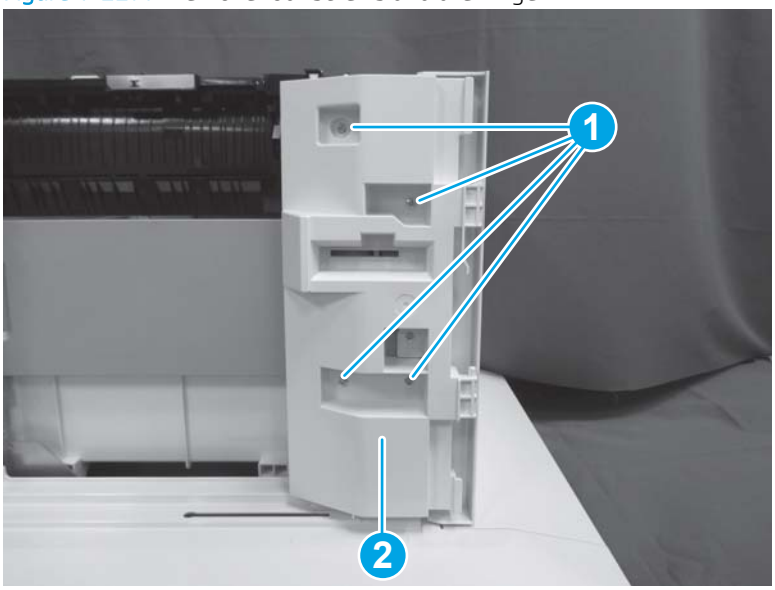
Figure 1-2276 Remove the right door



Step 2: Remove the paper pickup assembly (1x550-sheet paper feeder with stand)

1. Remove the paper tray.
2. Remove four screws (callout 1), and then remove the hinge (callout 2).

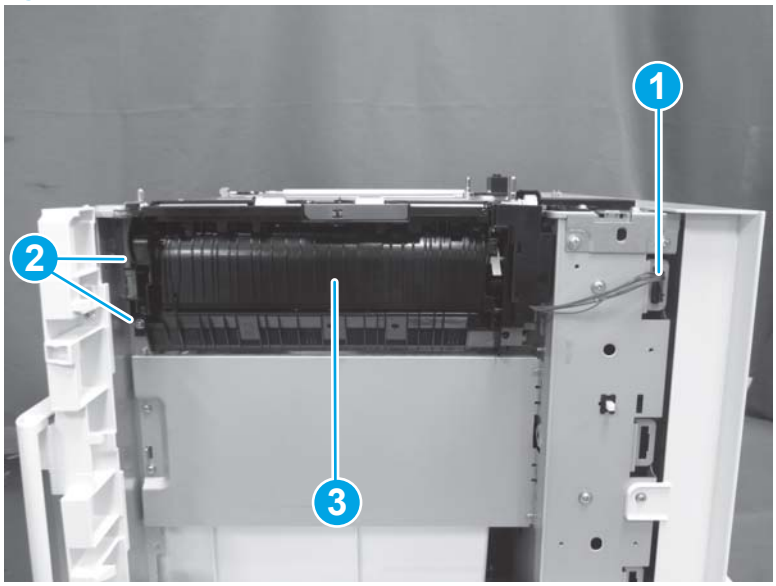
Figure 1-2277 Remove four screws and the hinge



3. Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the paper pickup assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2278 Remove the paper pickup assembly



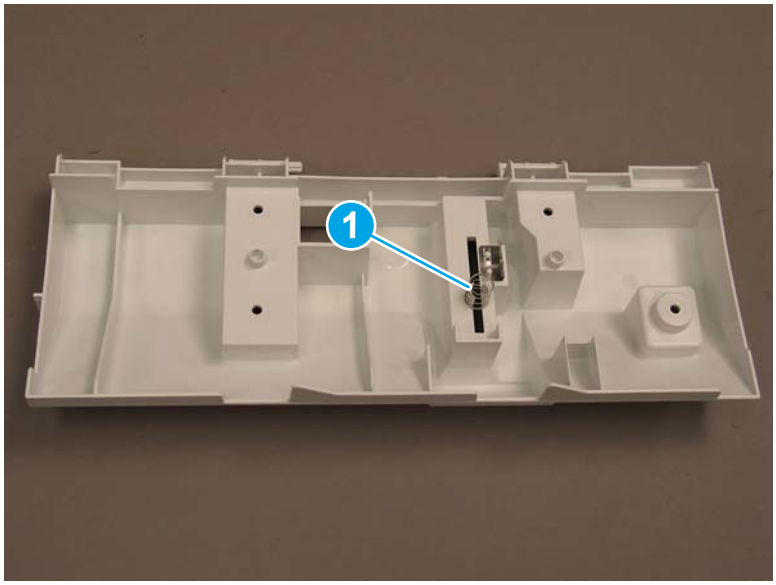
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Paper pickup assembly

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

Figure 1-2279 Check spring position



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Feed motor (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the feed motor for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Feed motor (1x550-sheet paper feeder with stand) part number	
RK2-7831-000CN	Motor, stepping

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

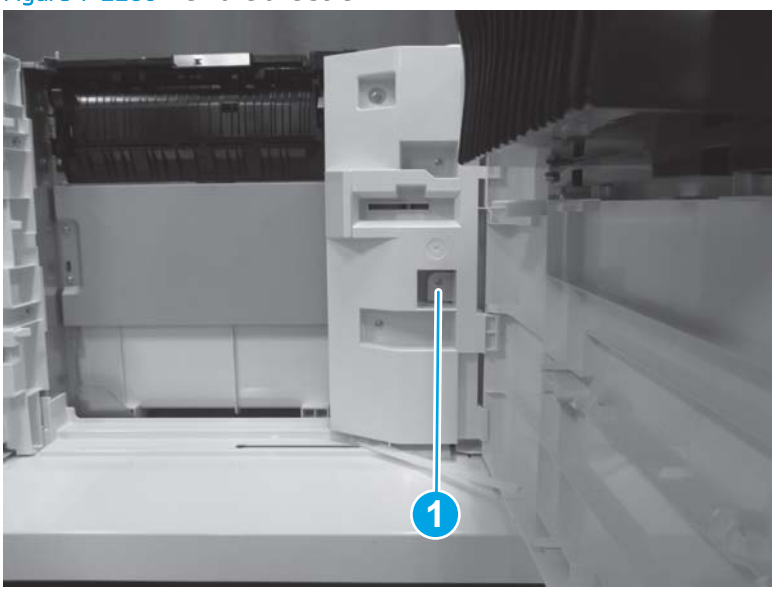
Send a print job from the host computer to the 1x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

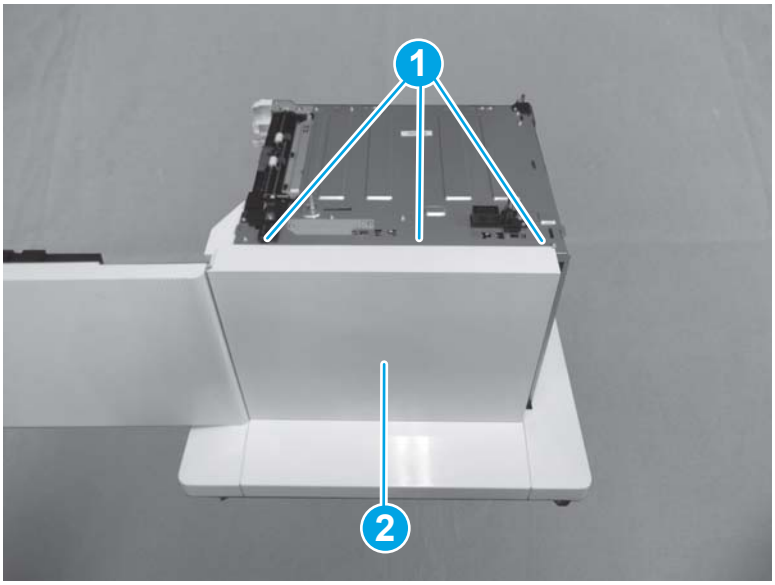
Figure 1-2280 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2281 Remove the rear cover

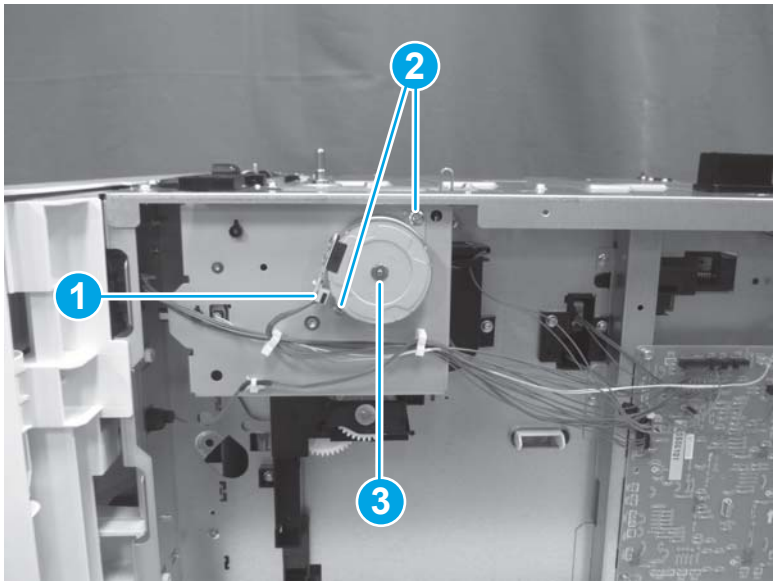


Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2282 Remove the feed motor



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drive assembly (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (1x550-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drive assembly for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drive assembly (1x550-sheet paper feeder with stand) part number	
RM2-1222-000CN	Drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

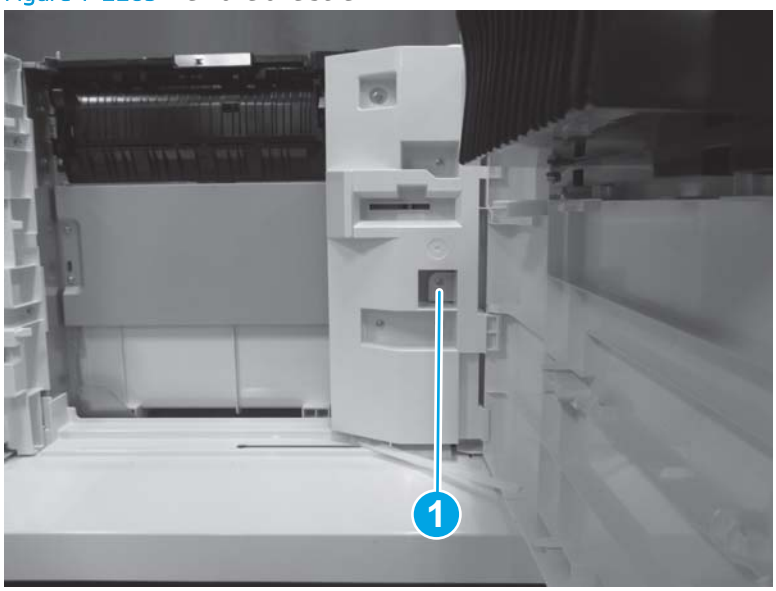
Send a print job from the host computer to the 1x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

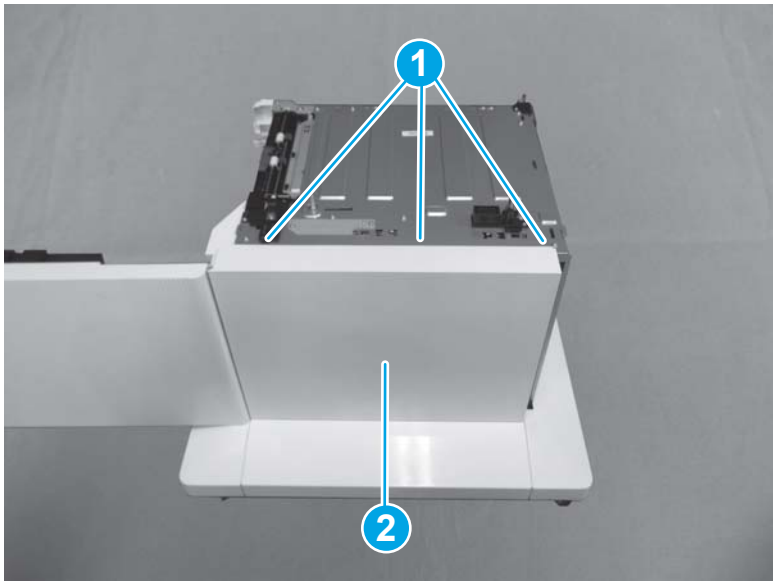
Figure 1-2283 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2284 Remove the rear cover

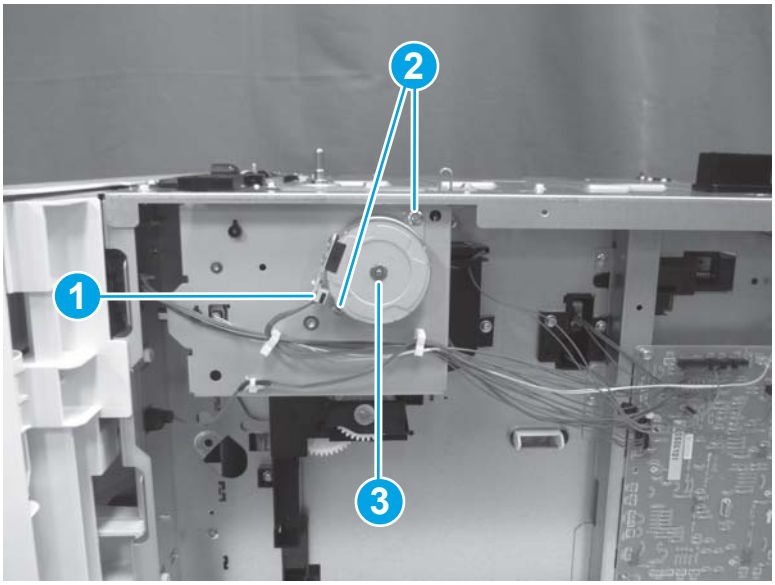


Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

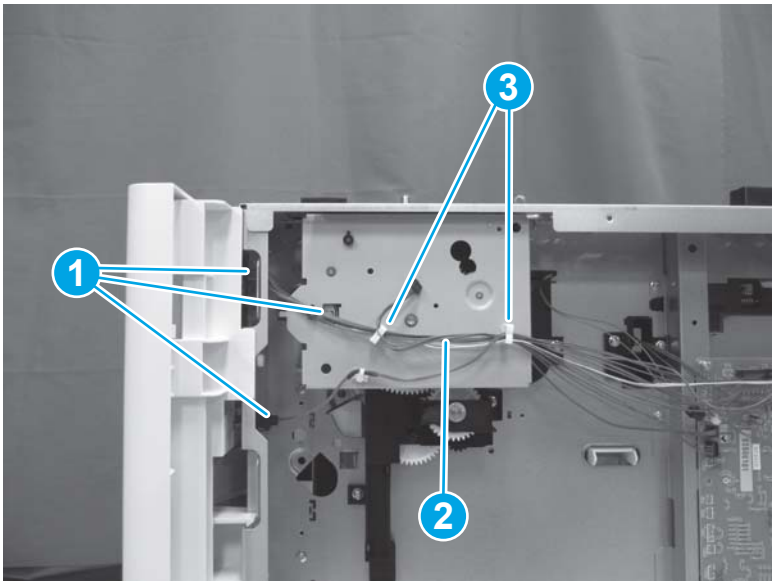
Figure 1-2285 Remove the feed motor



Step 3: Remove the drive assembly (1x550-sheet paper feeder with stand)

1. Disconnect three connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

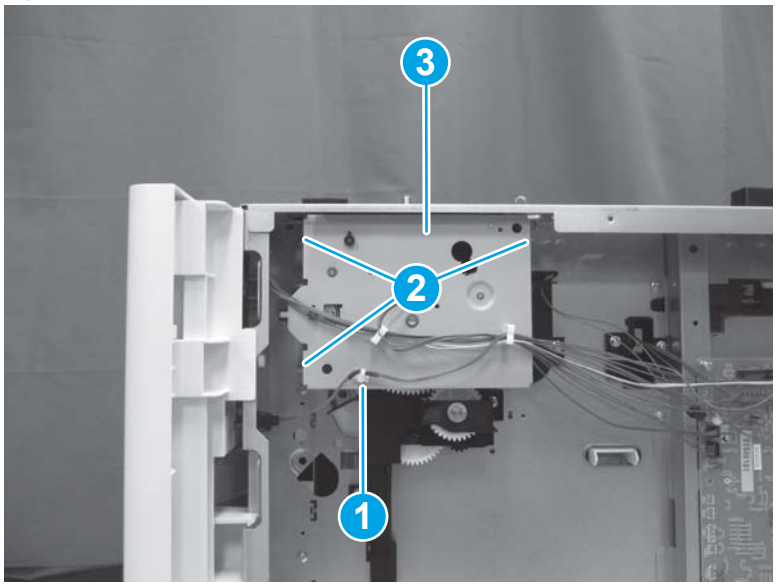
Figure 1-2286 Disconnect three connectors



2. Release the retainer (callout 1), remove three screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2287 Remove the drive assembly



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Pickup alienation holder (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (1x550-sheet paper feeder with stand)
- Step 4: Remove the pickup alienation holder (1x550-sheet paper feeder with stand)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the pickup alienation holder for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Pickup alienation holder (1x550-sheet paper feeder with stand) part number	
RM2-1223-000CN	Estrangement holder assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

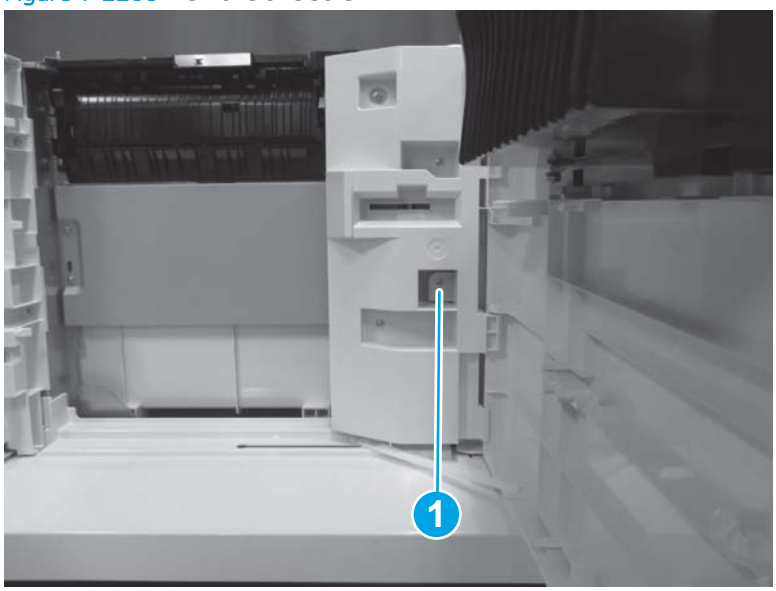
Send a print job from the host computer to the 1x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

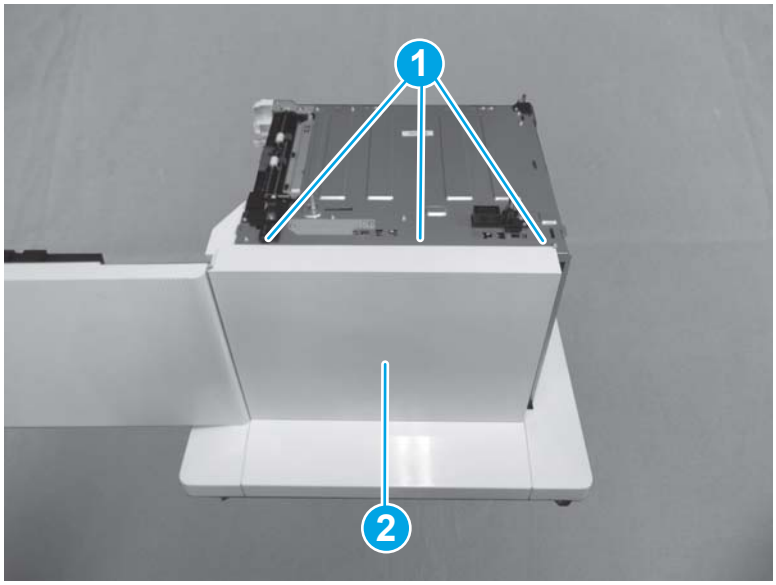
Figure 1-2288 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2289 Remove the rear cover

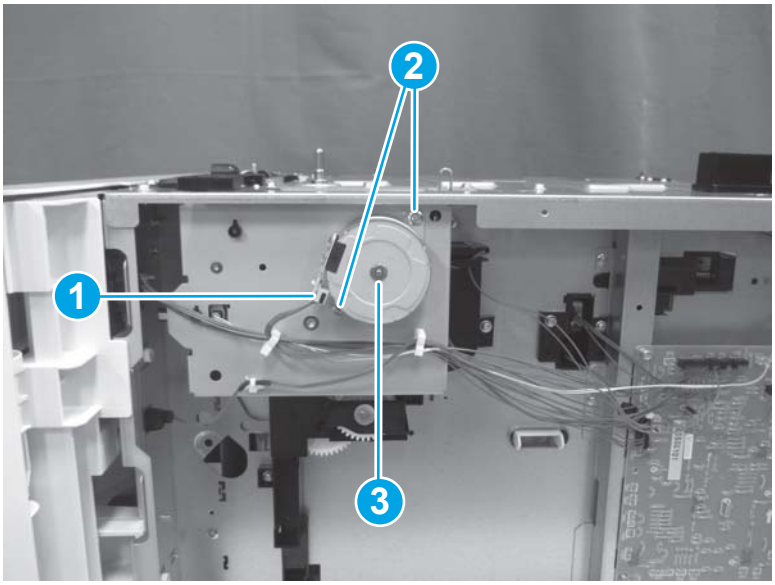


Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

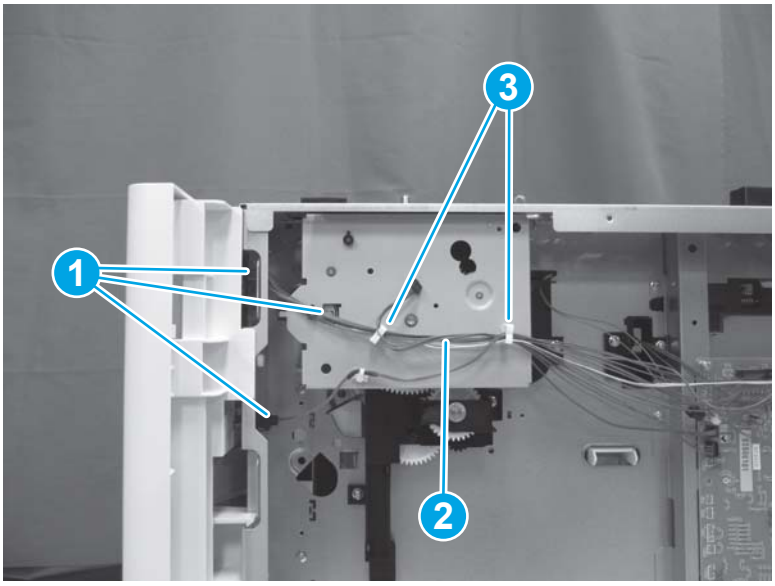
Figure 1-2290 Remove the feed motor



Step 3: Remove the drive assembly (1x550-sheet paper feeder with stand)

1. Disconnect three connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

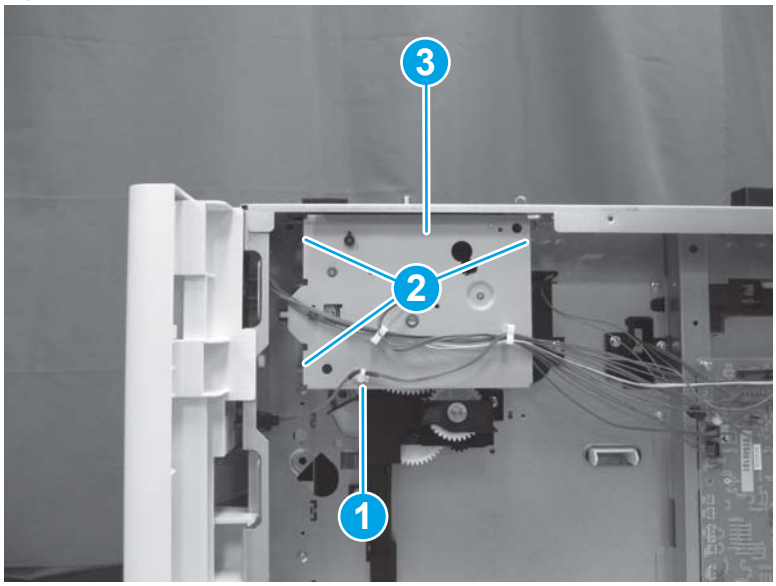
Figure 1-2291 Disconnect three connectors



2. Release the retainer (callout 1), remove three screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

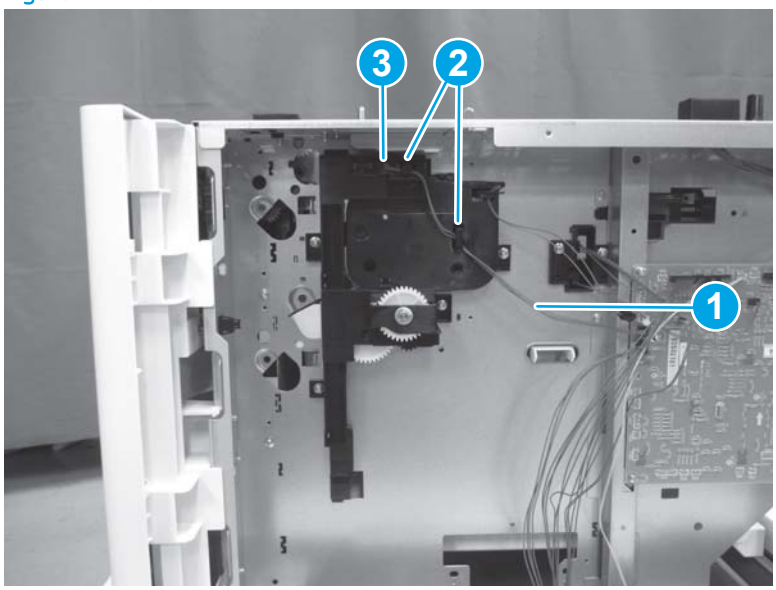
Figure 1-2292 Remove the drive assembly



Step 4: Remove the pickup alienation holder (1x550-sheet paper feeder with stand)

1. Release the cable (callout 1) from cable guides (callout 2), and then disconnect one connector (callout 3).

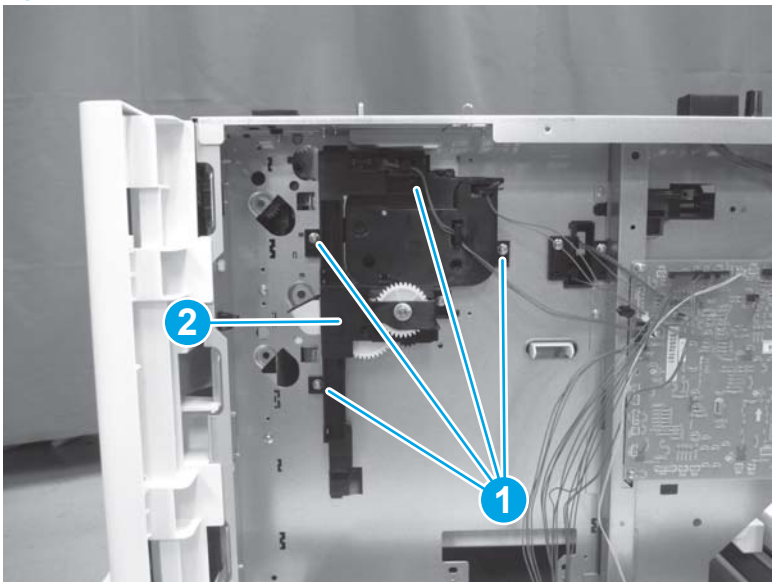
Figure 1-2293 Disconnect one connector



2. Remove four screws (callout 1), and then remove the pickup alienation holder (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2294 Remove four screws and the pickup alienation holder



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lifter drive assembly (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (1x550-sheet paper feeder with stand)
- Step 4: Remove the pickup alienation holder (1x550-sheet paper feeder with stand)
- Step 5: Remove the lifter drive assembly (1x550-sheet paper feeder with stand)
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lifter drive assembly for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lifter drive assembly (1x550-sheet paper feeder with stand) part number	
RM2-2091-000CN	Lifter drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

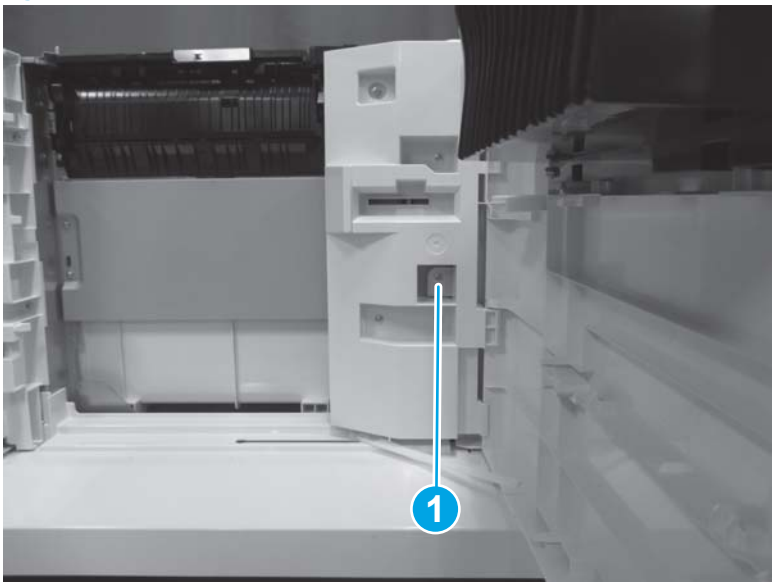
Post service test

Send a print job from the host computer to the 1x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

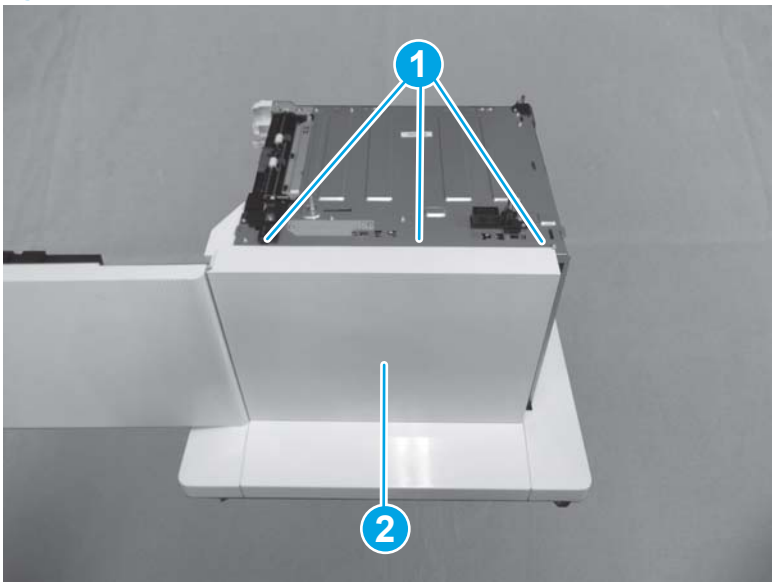
Figure 1-2295 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2296 Remove the rear cover

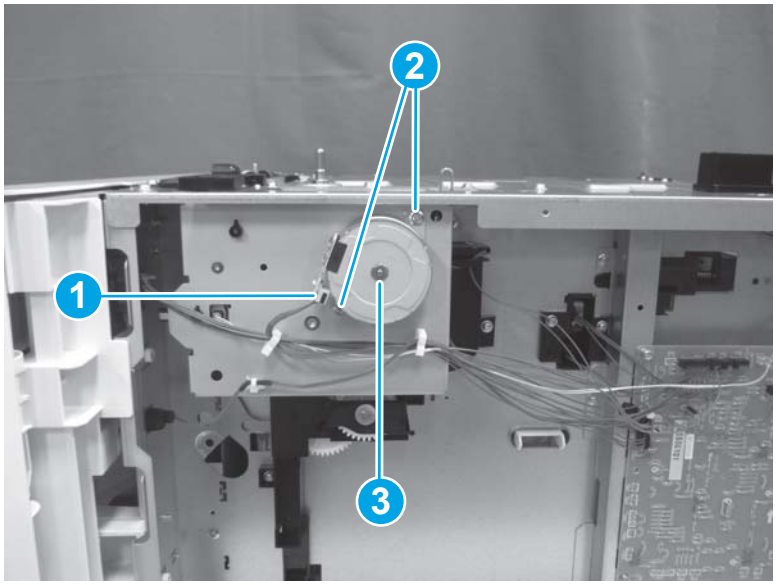


Step 2: Remove the feed motor (1x550-sheet paper feeder with stand)

- Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

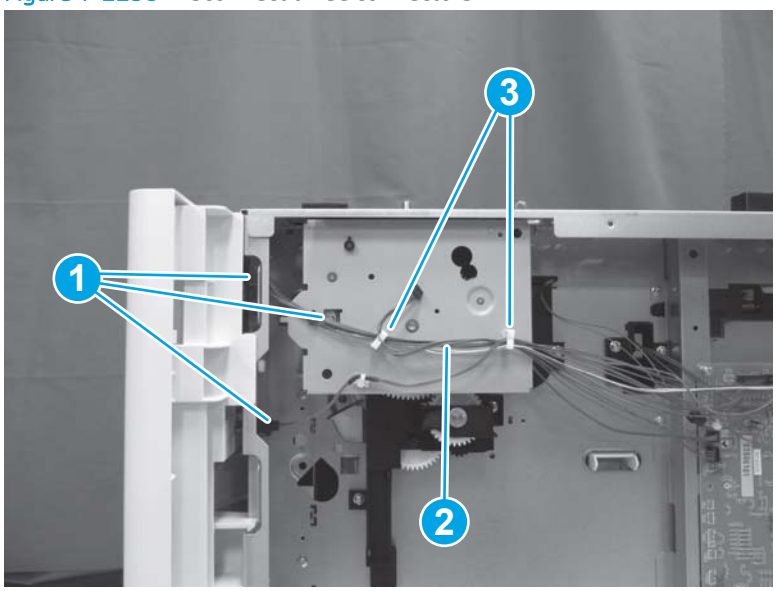
Figure 1-2297 Remove the feed motor



Step 3: Remove the drive assembly (1x550-sheet paper feeder with stand)

1. Disconnect three connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

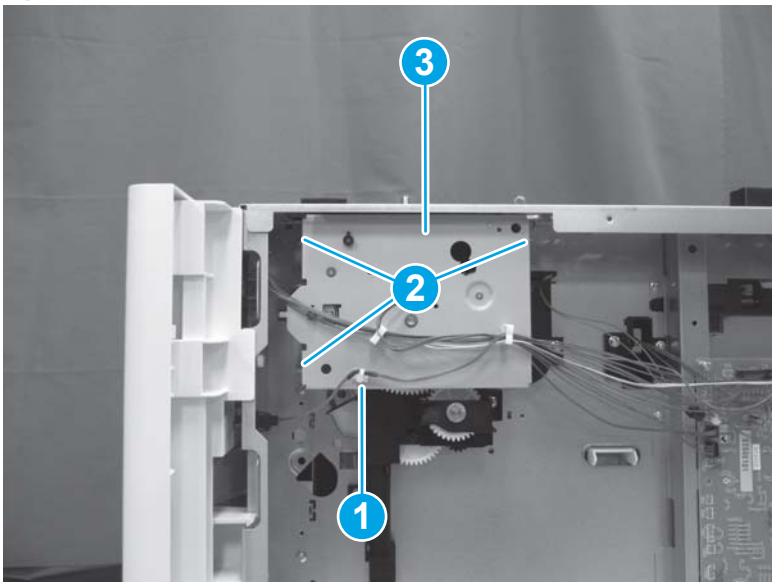
Figure 1-2298 Disconnect three connectors



2. Release the retainer (callout 1), remove three screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

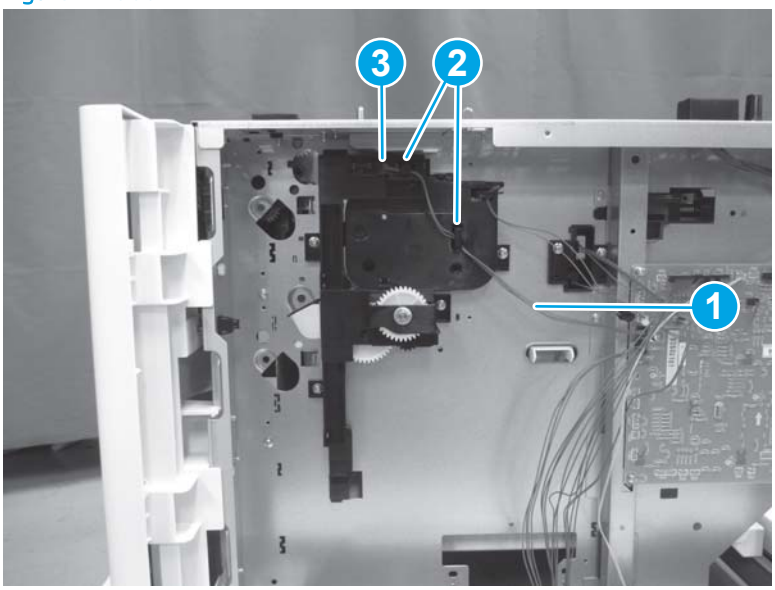
Figure 1-2299 Remove the drive assembly



Step 4: Remove the pickup alienation holder (1x550-sheet paper feeder with stand)

1. Release the cable (callout 1) from cable guides (callout 2), and then disconnect one connector (callout 3).

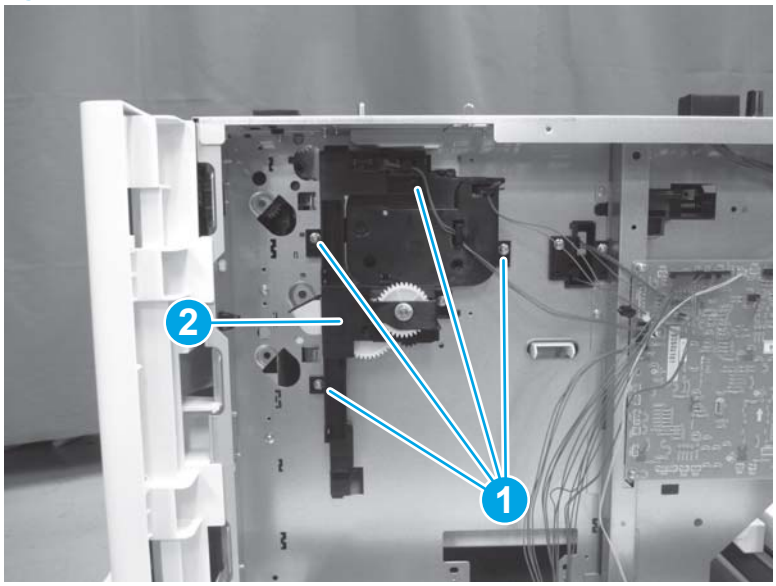
Figure 1-2300 Disconnect one connector



2. Remove four screws (callout 1), and then remove the pickup alienation holder (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2301 Remove four screws and the pickup alienation holder

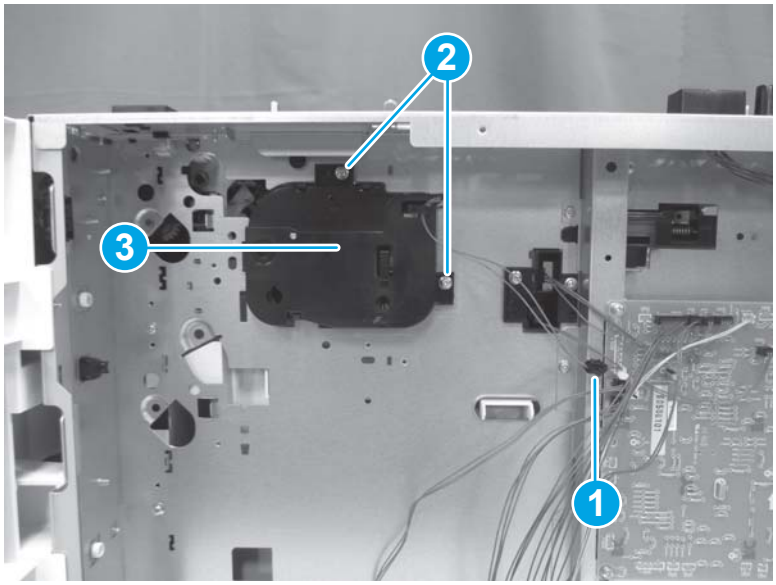


Step 5: Remove the lifter drive assembly (1x550-sheet paper feeder with stand)

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2302 Remove three screws and the lifter drive assembly



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Controller PCA (1x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)
- Step 2: Remove the controller PCA (1x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the controller PCA for the 1x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Controller PCA (1x550-sheet paper feeder with stand) part number	
RM2-8482-000CN	Paper deck controller PCB assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

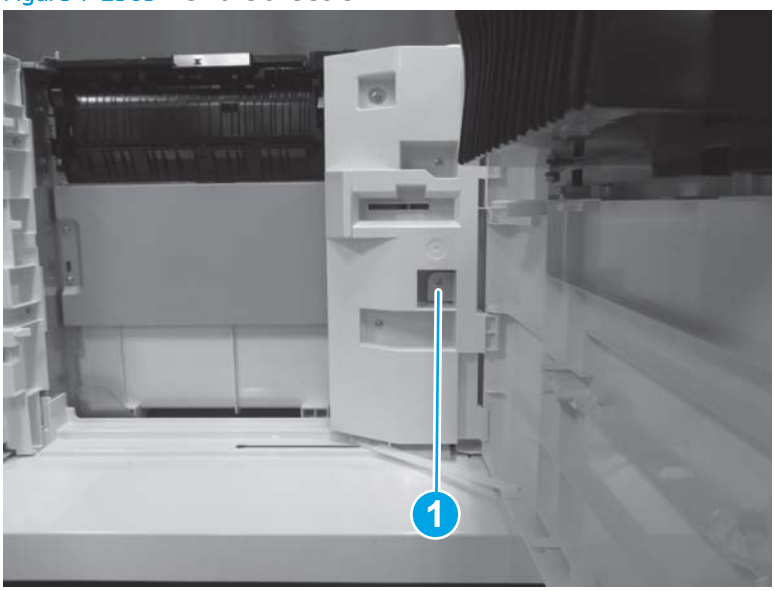
Send a print job from the host computer to the 1x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (1x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

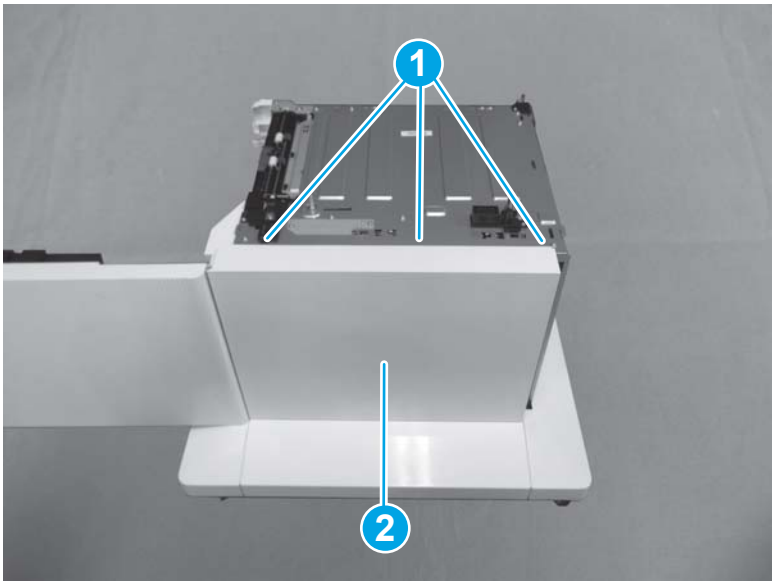
Figure 1-2303 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2304 Remove the rear cover

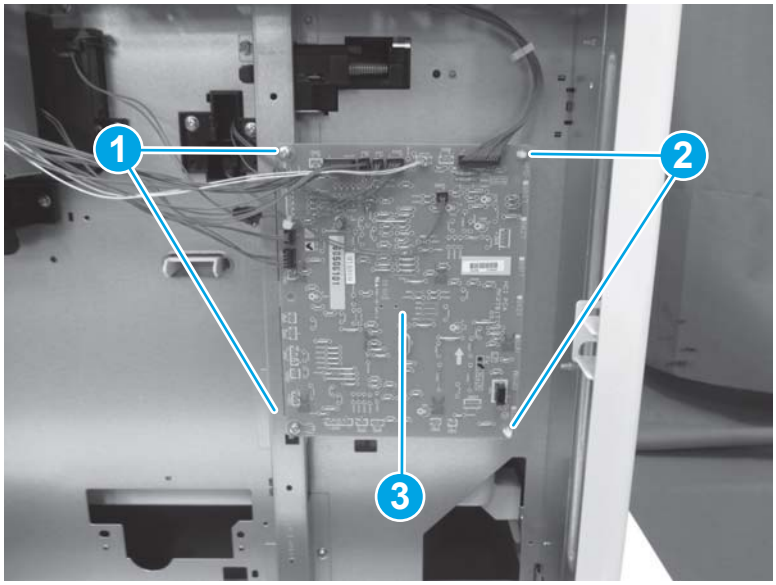


Step 2: Remove the controller PCA (1x550-sheet paper feeder with stand)

▲ Disconnect all of the connectors on the controller PCA. Remove two screws (callout 1), release two tabs (callout 2), and then remove the controller PCA (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2305 Remove the controller PCA



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: 3x550-sheet paper feeder with stand

- Removal and replacement: Caster covers (3x550-sheet paper feeder with stand)
- Removal and replacement: Left cover (3x550-sheet paper feeder with stand)
- Removal and replacement: Right door link (3x550-sheet paper feeder with stand)
- Removal and replacement: Right door (3x550-sheet paper feeder with stand)
- Removal and replacement: Rear cover (3x550-sheet paper feeder with stand)
- Removal and replacement: Left lower cover (3x550-sheet paper feeder with stand)
- Removal and replacement: Right lower cover (3x550-sheet paper feeder with stand)
- Removal and replacement: Rear lower cover (3x550-sheet paper feeder with stand)
- Removal and replacement: Front lower cover (3x550-sheet paper feeder with stand)
- Removal and replacement: Right door switch (3x550-sheet paper feeder with stand)
- Removal and replacement: Size sensor (3x550-sheet paper feeder with stand)
- Removal and replacement: Drawer connector holder and cable assembly (3x550-sheet paper feeder with stand)
- Removal and replacement: Auto-close assemblies (3x550-sheet paper feeder with stand)
- Removal and replacement: Paper pickup assemblies (3x550-sheet paper feeder with stand)
- Removal and replacement: Feed motors (3x550-sheet paper feeder with stand)
- Removal and replacement: Drive assemblies (Trays 3 and 5) (3x550-sheet paper feeder with stand)
- Removal and replacement: Drive assembly (Tray 4) (3x550-sheet paper feeder with stand)
- Removal and replacement: Pickup alienation holder (3x550-sheet paper feeder with stand)
- Removal and replacement: Lifter drive assemblies (Trays 3 and 4) (3x550-sheet paper feeder with stand)
- Removal and replacement: Lifter drive assembly (Tray 5) (3x550-sheet paper feeder with stand)
- Removal and replacement: Controller PCA (3x550-sheet paper feeder with stand)

Removal and replacement: Caster covers (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the caster cover (3x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the caster covers on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Caster covers (3x550-sheet paper feeder with stand) part number	
RC5-0417-000CN	Cover, caster, right
RC5-0418-000CN	Cover, caster, left

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

Step 1: Remove the caster cover (3x550-sheet paper feeder with stand)

1. Slide the caster cover away from the printer to remove it.

   NOTE: The figur below shows the left caster cover. The procedure is the same for the right caster cover.

Figure 1-2306 Remove the caster cover



2. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Caster cover (3x550-sheet paper feeder with stand)

▲ Before installing the caster cover, position the caster wheel (callout 1) so that it faces the front of the printer.

Figure 1-2307 Position the caster wheel



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left cover (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the left cover (3x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left cover on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left cover (3x550-sheet paper feeder with stand) part number	
RC5-0387-000CN	Cover, left

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

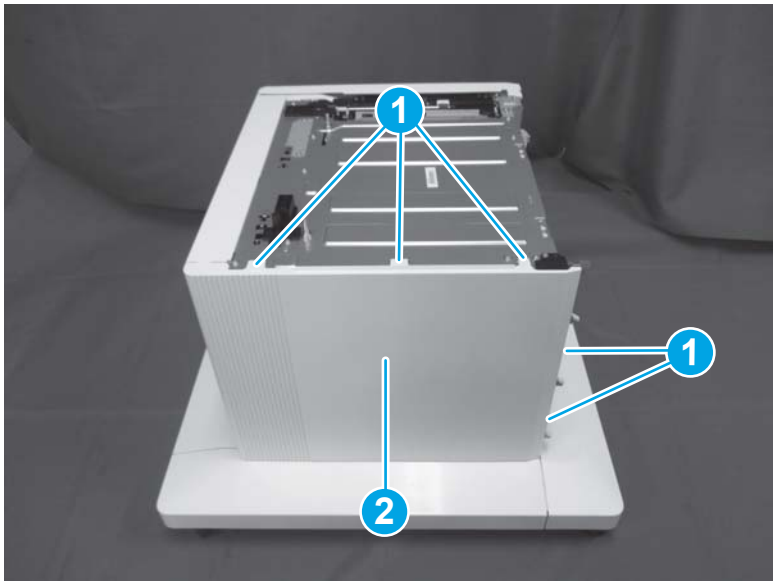
No post service test is available for this assembly.

Step 1: Remove the left cover (3x550-sheet paper feeder with stand)

▲ Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2308 Remove the left cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door link (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door link
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the link on the right door on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door link (3x550-sheet paper feeder with stand) part number	
RC4-9824-000CN	Link, door

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

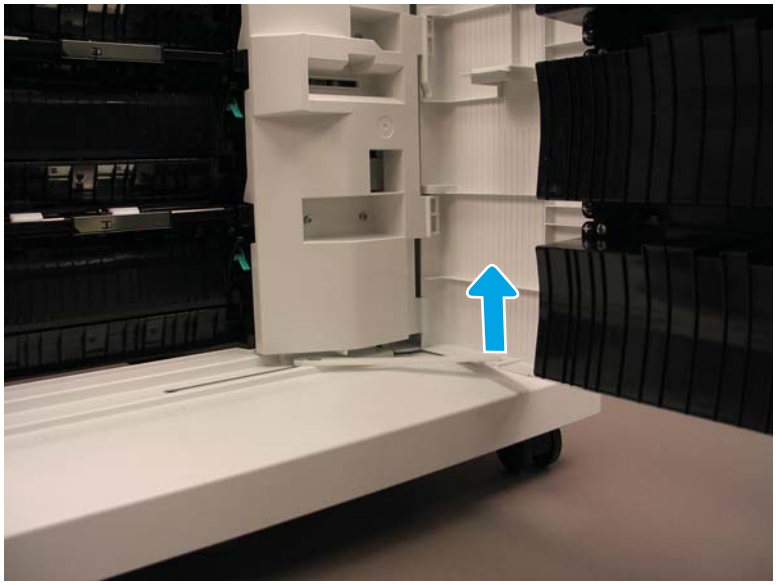
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door link

1. Lift the end of the link arm up and out of the right door.

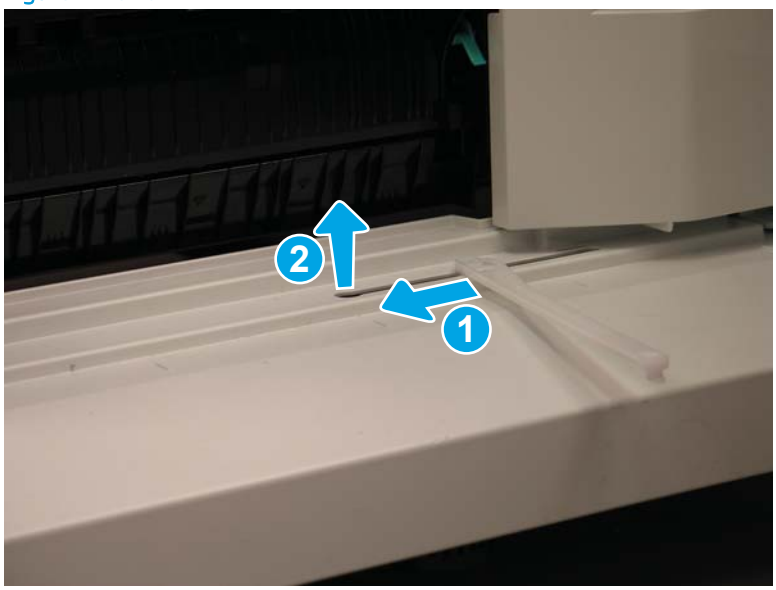
Figure 1-2309 Lift the link arm end



2. Slide the end of the link arm on the paper feeder stand to the left, all the way to the end of the slot (callout 1). Lift the link arm up (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2310 Remove the link arm



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door link (3x550-sheet paper feeder with stand)
- Step 2: Remove the right door (3x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door (3x550-sheet paper feeder with stand) part number	
RM2-1230-000CN	Right door assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

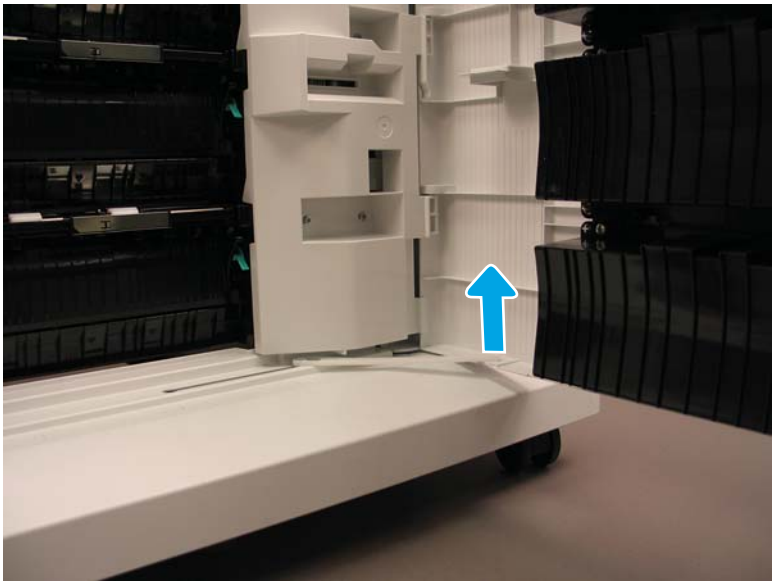
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door link (3x550-sheet paper feeder with stand)

1. Lift the end of the link arm up and out of the right door.

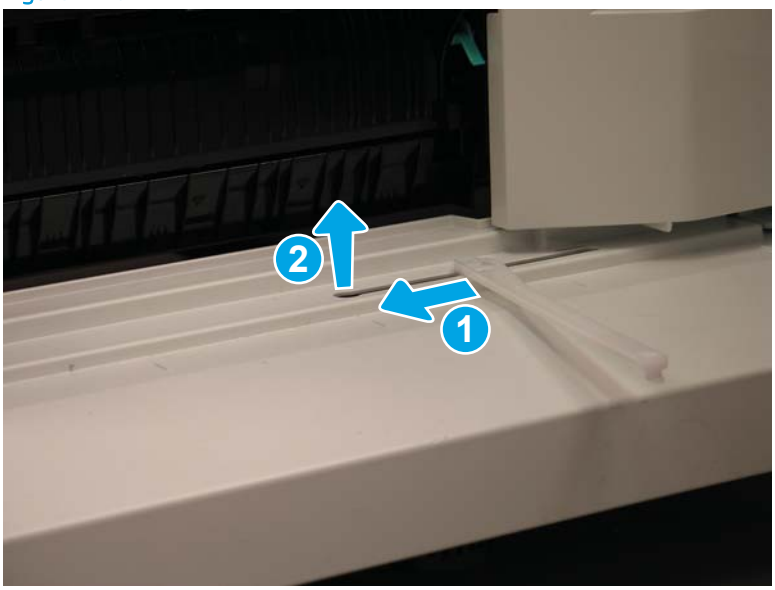
Figure 1-2311 Lift the link arm end



2. Slide the end of the link arm on the paper feeder stand to the left, all the way to the end of the slot (callout 1). Lift the link arm up (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2312 Remove the link arm



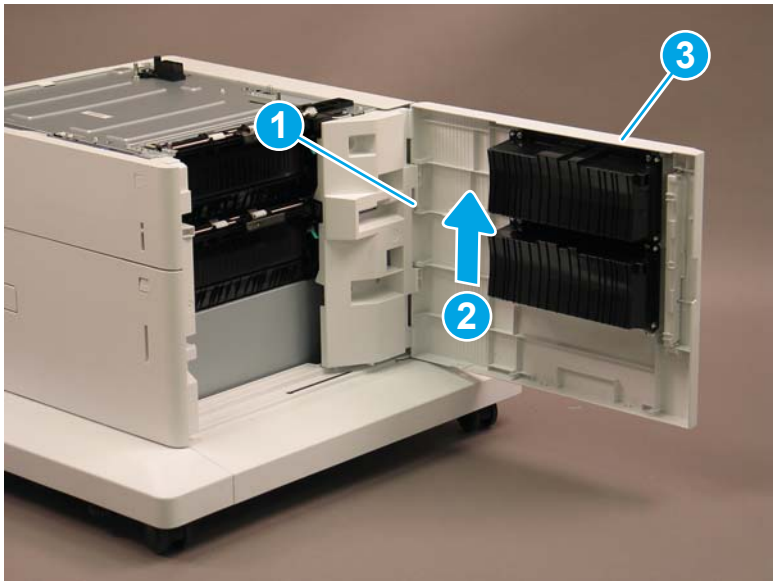
Step 2: Remove the right door (3x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

NOTE: The following figur shows 2,500-sheet paper feeder with stand. The procedure is also correct for the 3x550-sheet feeder with stand.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2313 Remove the right door



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear cover (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear cover on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear cover (3x550-sheet paper feeder with stand) part number	
RC5-0386-000CN	Cover, rear

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

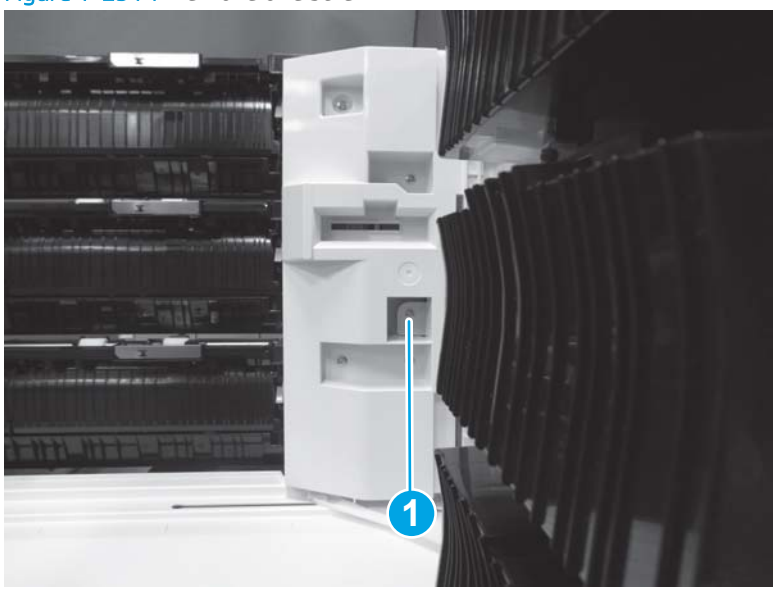
No post service test is available for this assembly.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

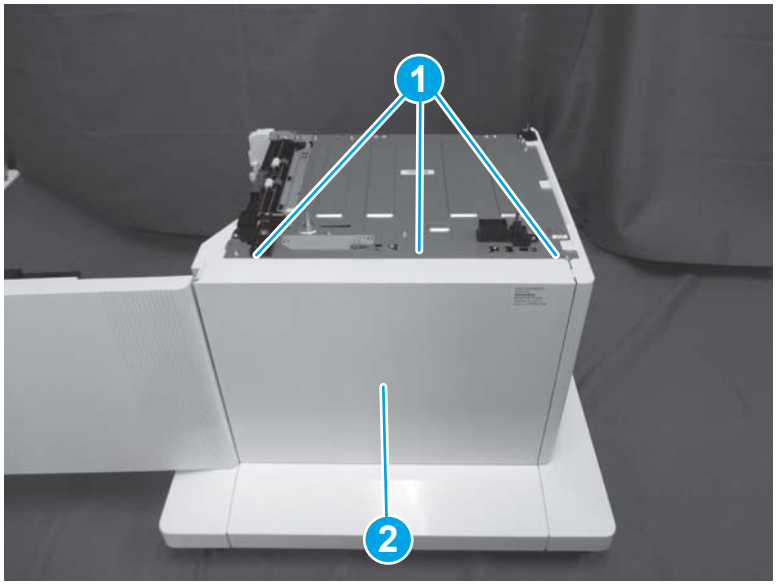
Figure 1-2314 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2315 Remove the rear cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left lower cover (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the left cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the left lower cover (3x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left lower cover on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left lower cover (3x550-sheet paper feeder with stand) part number	
RC5-0385-000	Cover, left lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

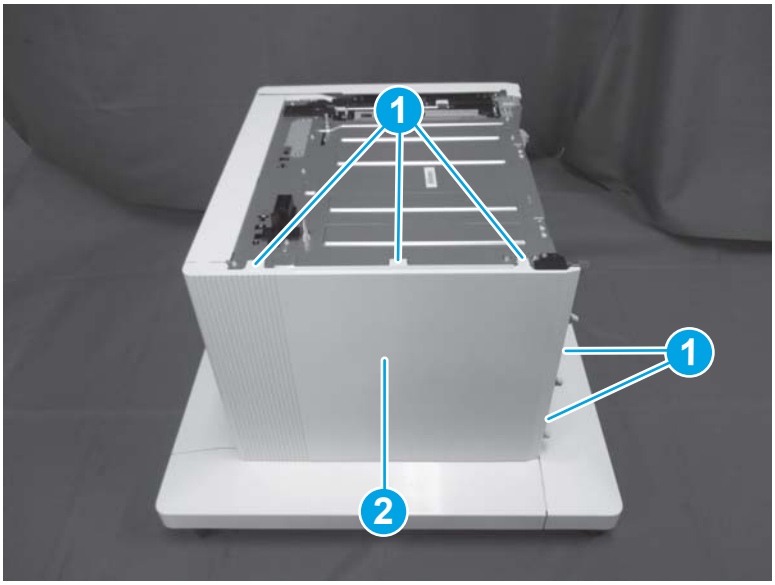
No post service test is available for this assembly.

Step 1: Remove the left cover (3x550-sheet paper feeder with stand)

▲ Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2316 Remove the left cover

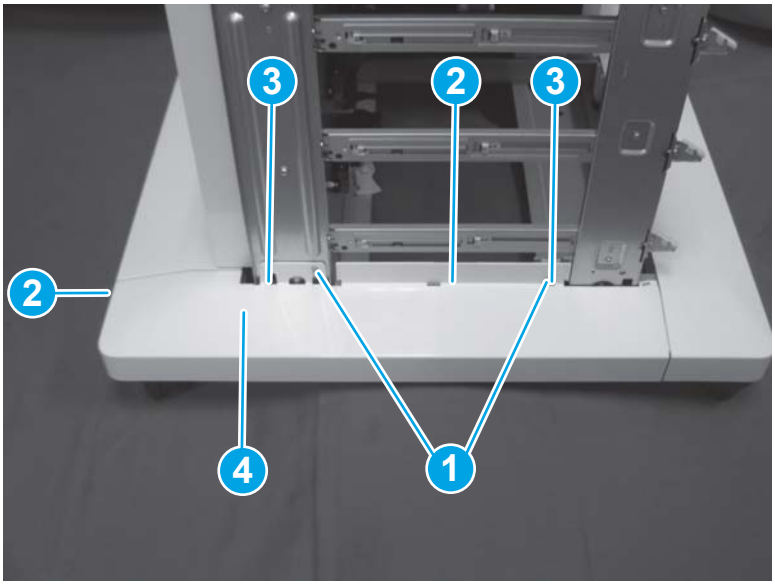


Step 2: Remove the left lower cover (3x550-sheet paper feeder with stand)

▲ Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2317 Remove the left lower cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right lower cover (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the right door (3x550-sheet paper feeder with stand)
- Step 3: Remove the right lower cover
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right lower cover for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right lower cover (3x550-sheet paper feeder with stand) part number	
RC5-0384-000CN	Cover, right lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

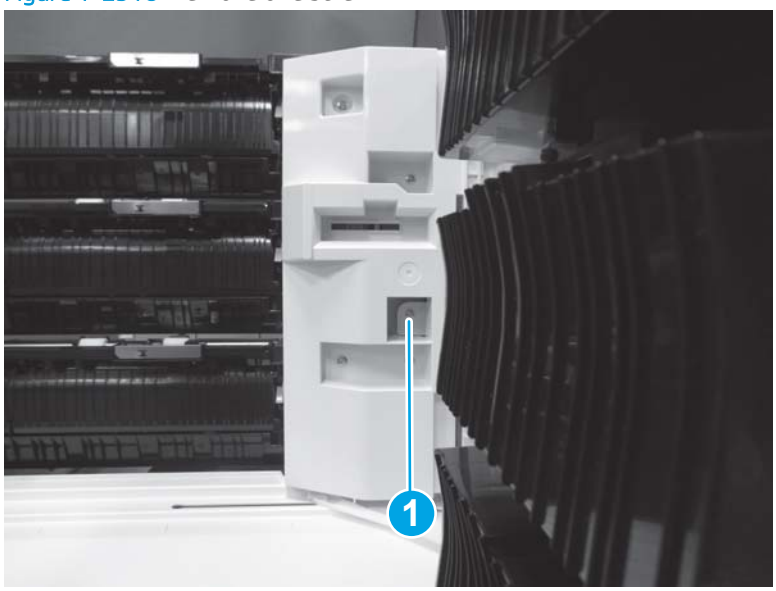
No post service test is available for this assembly.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

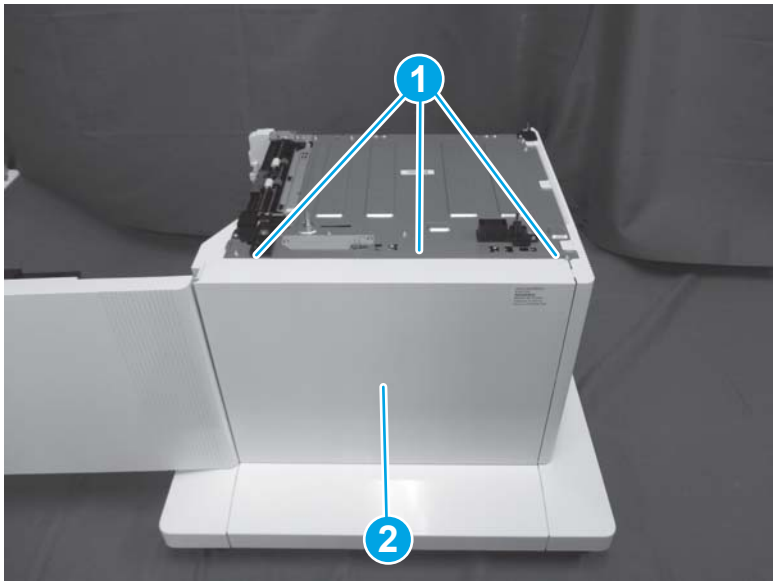
Figure 1-2318 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2319 Remove the rear cover



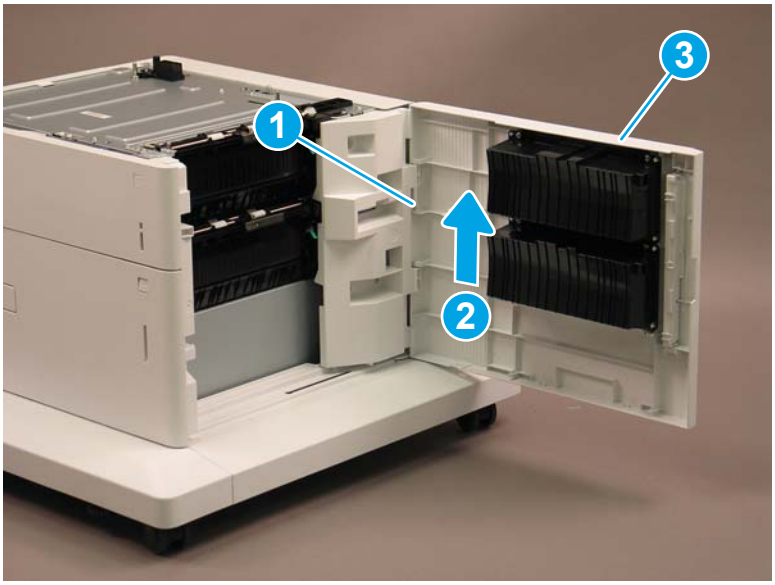
Step 2: Remove the right door (3x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

NOTE: The following figur shows 2,500-sheet paper feeder with stand. The procedure is also correct for the 3x550-sheet feeder with stand.

Reinstallation tip: Reverse the removal steps to install the assembly.

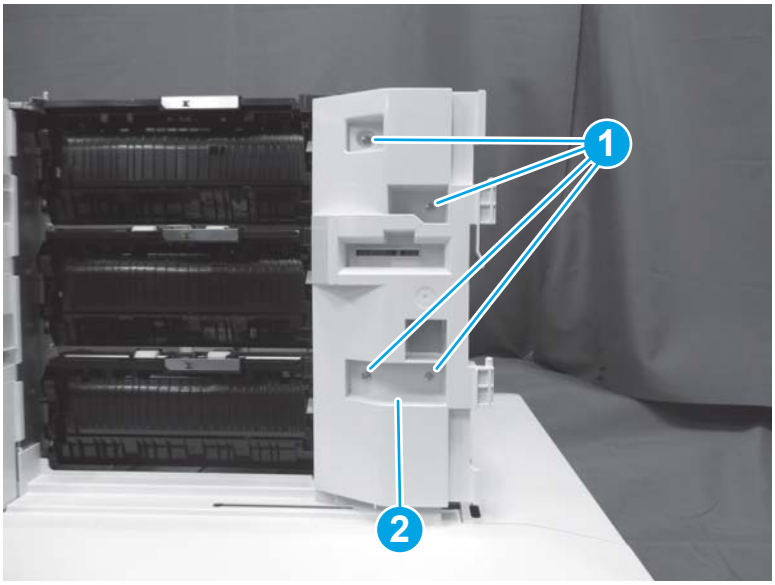
Figure 1-2320 Remove the right door



Step 3: Remove the right lower cover

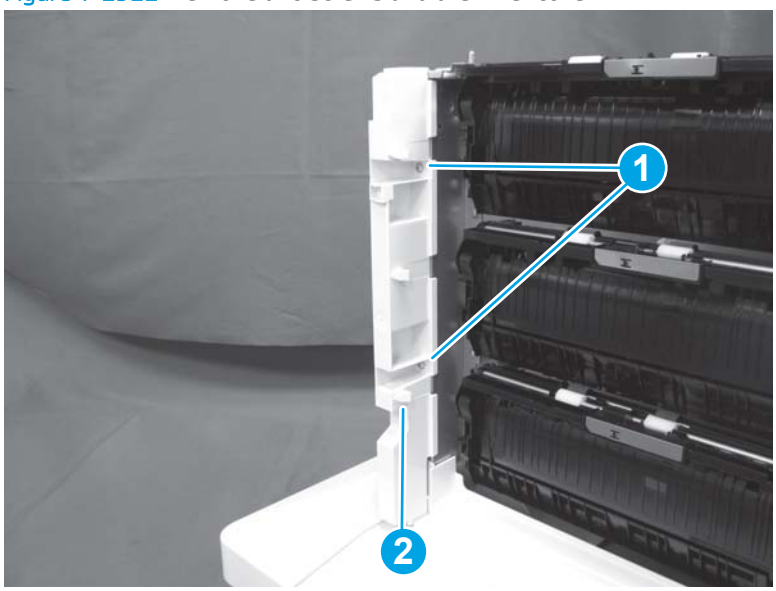
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2321 Remove four screws and the hinge



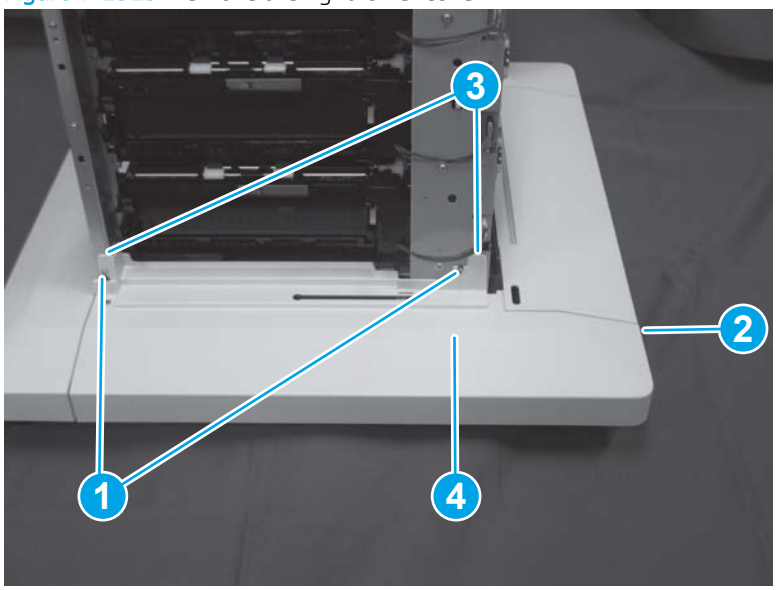
2. Remove two screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2322 Remove two screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

Figure 1-2323 Remove the right lower cover



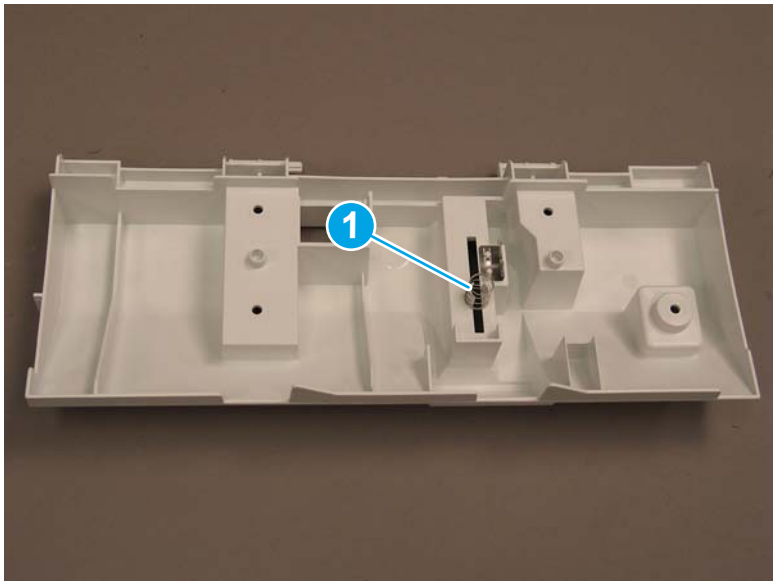
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right lower cover

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

Figure 1-2324 Check spring position



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear lower cover (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the right door (3x550-sheet paper feeder with stand)
- Step 3: Remove the left cover (3x550-sheet paper feeder with stand)
- Step 4: Remove the left lower cover (3x550-sheet paper feeder with stand)
- Step 5: Remove the right lower cover (3x550-sheet paper feeder with stand)
- Step 6: Remove the rear lower cover
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear lower cover for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear lower cover (3x550-sheet paper feeder with stand) part number	
RC5-0399-000CN	Cover, rear lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

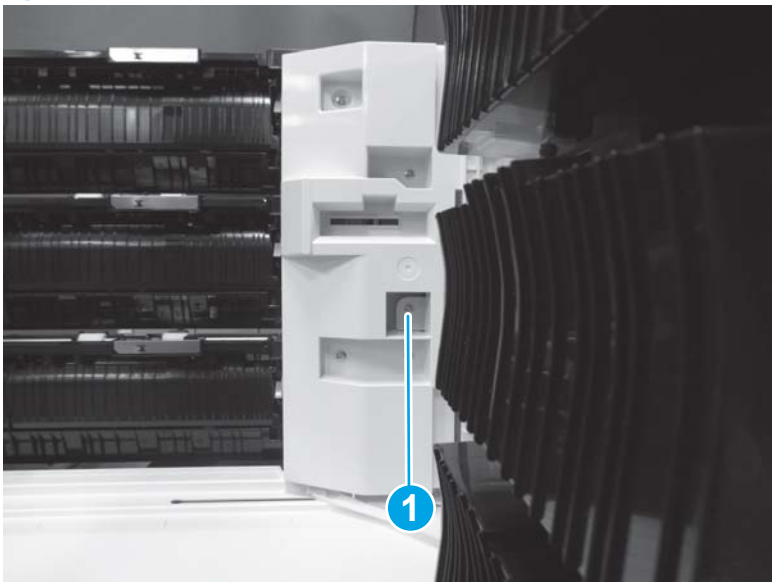
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

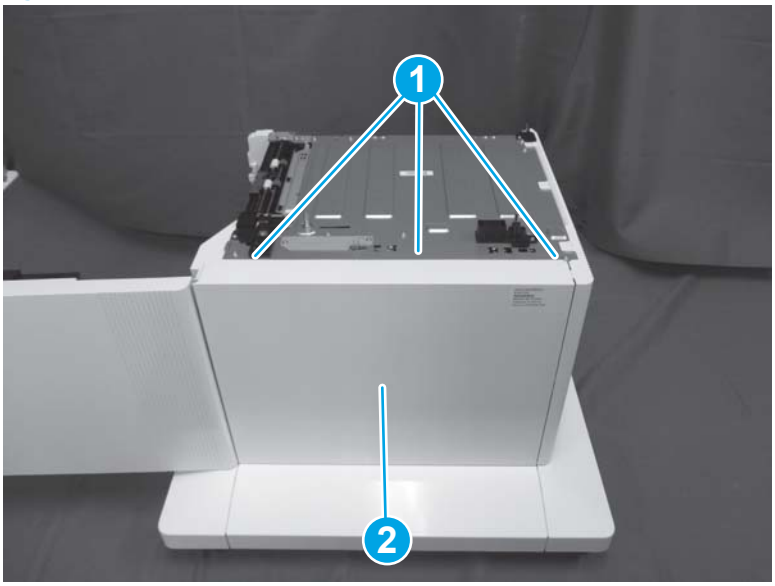
Figure 1-2325 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2326 Remove the rear cover



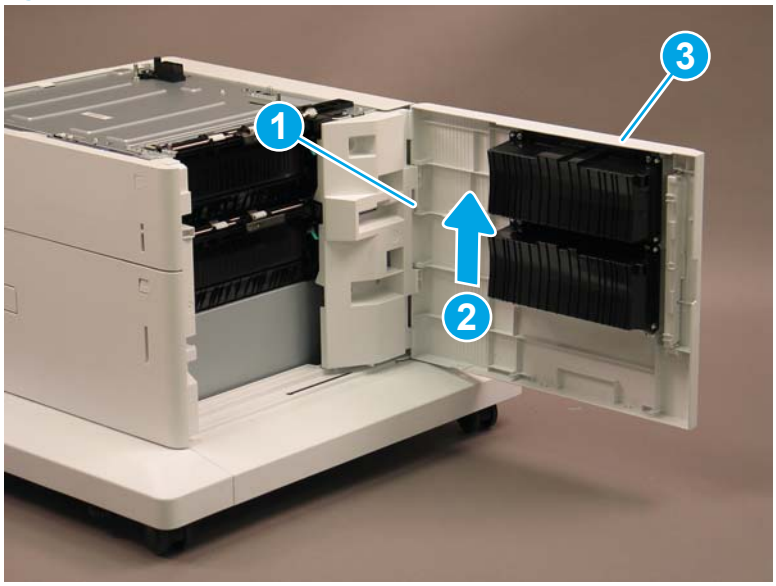
Step 2: Remove the right door (3x550-sheet paper feeder with stand)

- Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

NOTE: The following figur shows 2,500-sheet paper feeder with stand. The procedure is also correct for the 3x550-sheet feeder with stand.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2327 Remove the right door

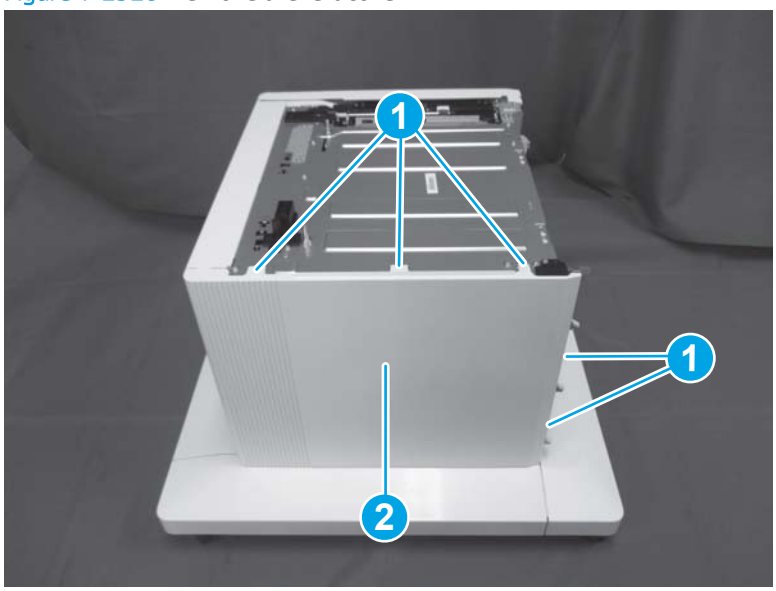


Step 3: Remove the left cover (3x550-sheet paper feeder with stand)

- Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2328 Remove the left cover

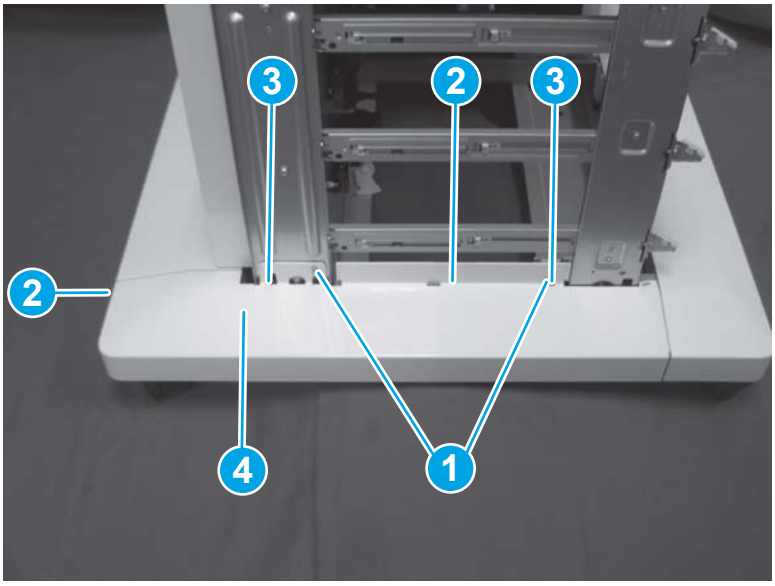


Step 4: Remove the left lower cover (3x550-sheet paper feeder with stand)

- Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

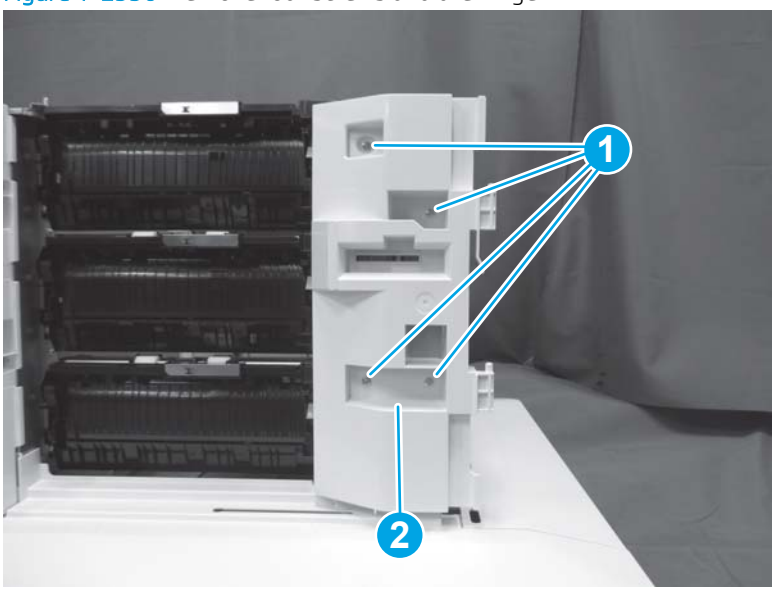
Figure 1-2329 Remove the left lower cover



Step 5: Remove the right lower cover (3x550-sheet paper feeder with stand)

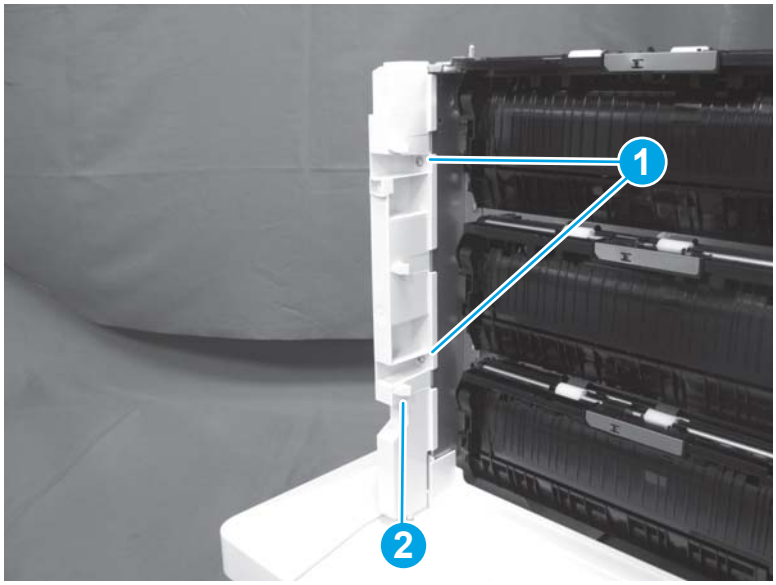
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2330 Remove four screws and the hinge



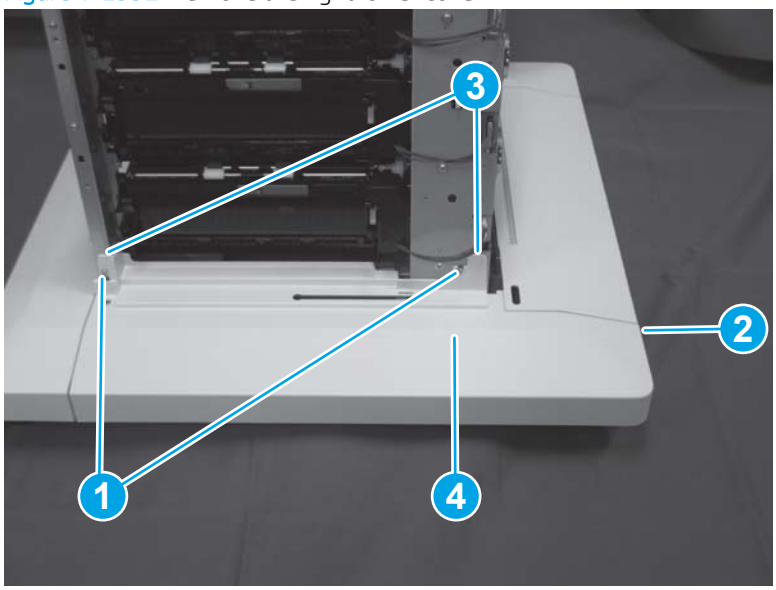
2. Remove two screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2331 Remove two screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

Figure 1-2332 Remove the right lower cover



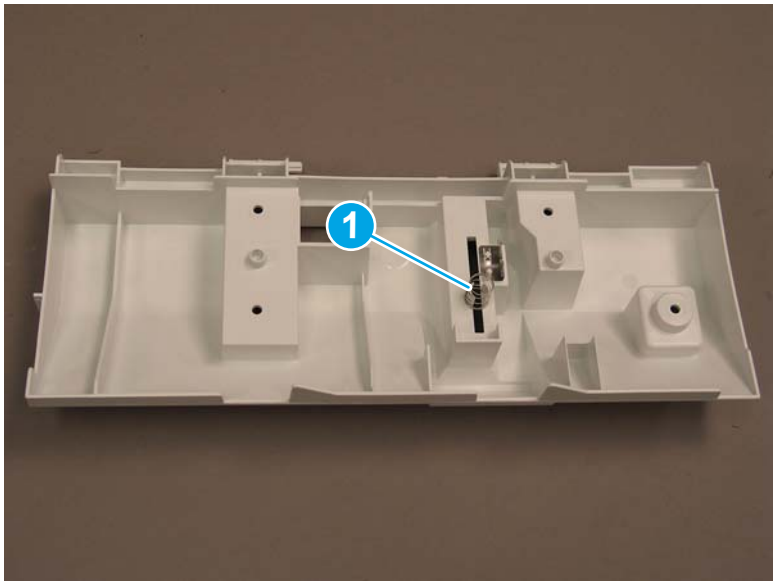
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right lower cover

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

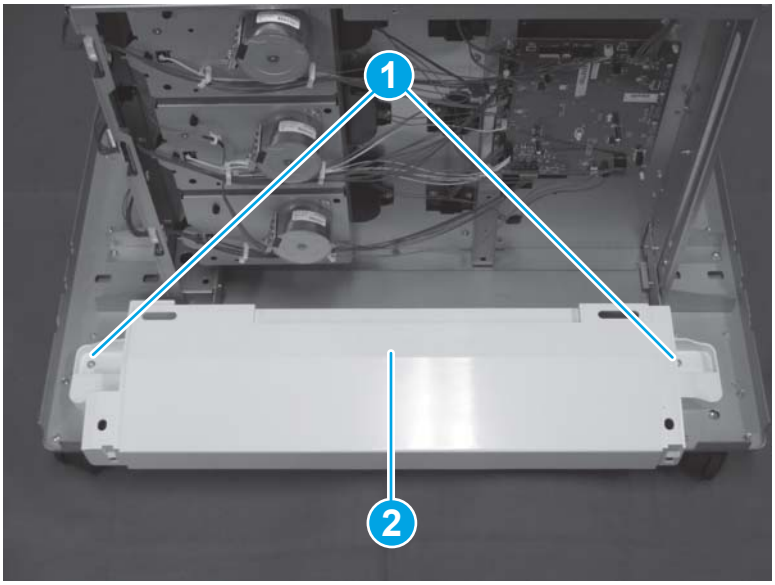
Figure 1-2333 Check spring position



Step 6: Remove the rear lower cover

▲ Remove two screws (callout 1), and then remove the rear lower cover (callout 2).

Figure 1-2334 Remove the rear lower cover



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Front lower cover (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the right door (3x550-sheet paper feeder with stand)
- Step 3: Remove the left cover (3x550-sheet paper feeder with stand)
- Step 4: Remove the left lower cover (3x550-sheet paper feeder with stand)
- Step 5: Remove the right lower cover (3x550-sheet paper feeder with stand)
- Step 6: Remove the front lower cover
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the front lower cover for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Front lower cover (3x550-sheet paper feeder with stand) part number	
RC5-0383-000CN	Cover, front lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

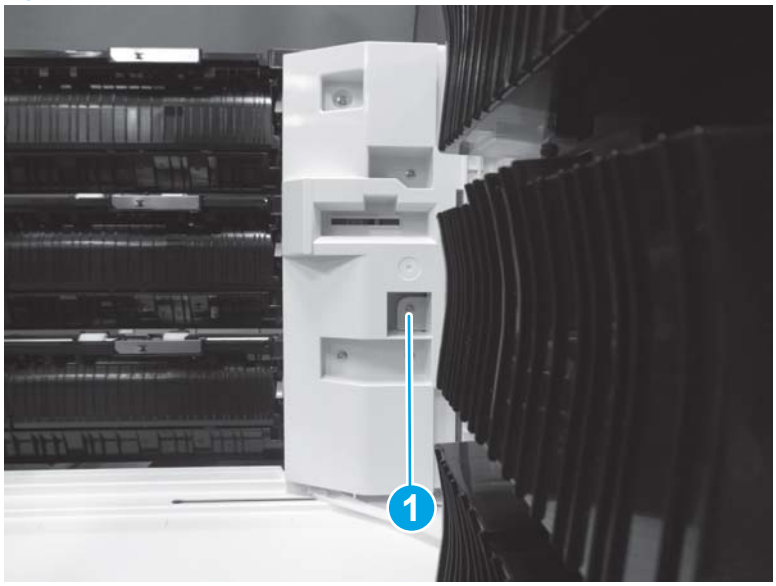
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

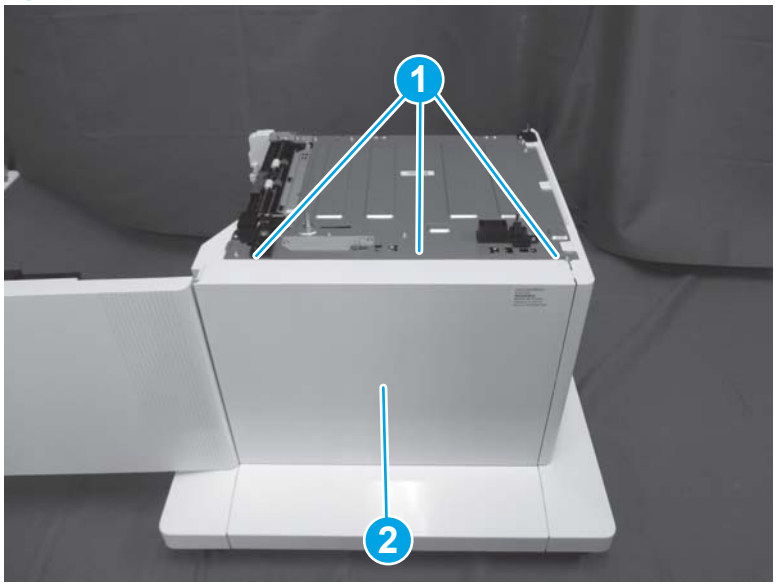
Figure 1-2335 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2336 Remove the rear cover



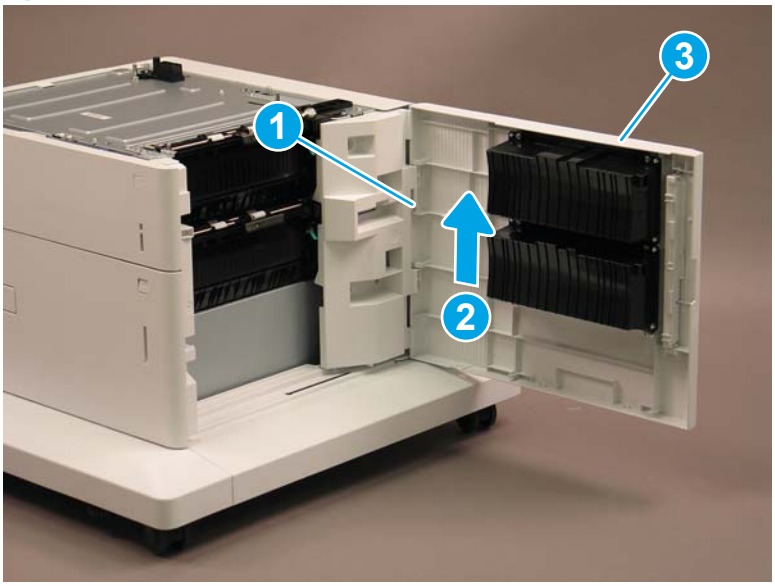
Step 2: Remove the right door (3x550-sheet paper feeder with stand)

- Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

NOTE: The following figur shows 2,500-sheet paper feeder with stand. The procedure is also correct for the 3x550-sheet feeder with stand.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2337 Remove the right door

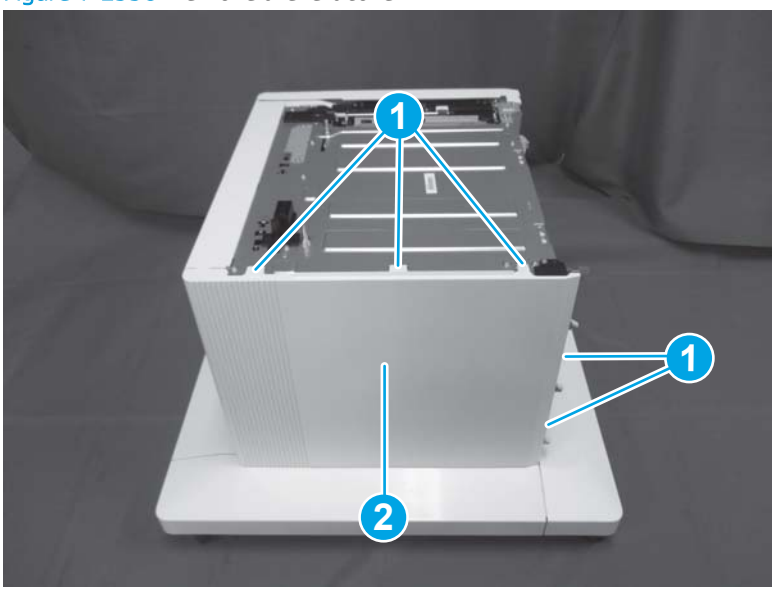


Step 3: Remove the left cover (3x550-sheet paper feeder with stand)

- Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2338 Remove the left cover

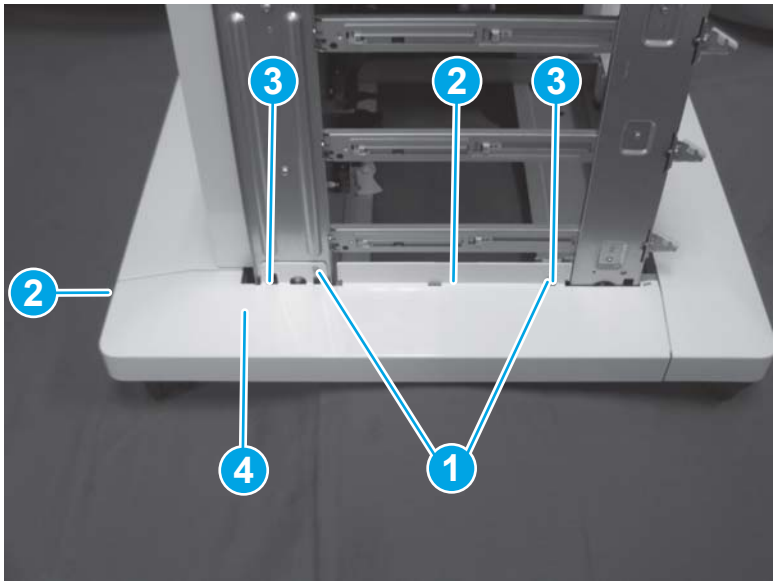


Step 4: Remove the left lower cover (3x550-sheet paper feeder with stand)

- Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

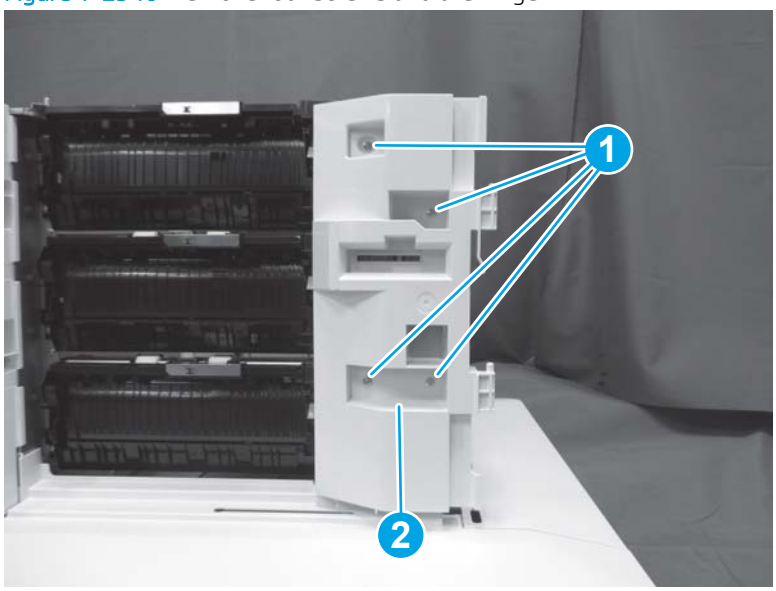
Figure 1-2339 Remove the left lower cover



Step 5: Remove the right lower cover (3x550-sheet paper feeder with stand)

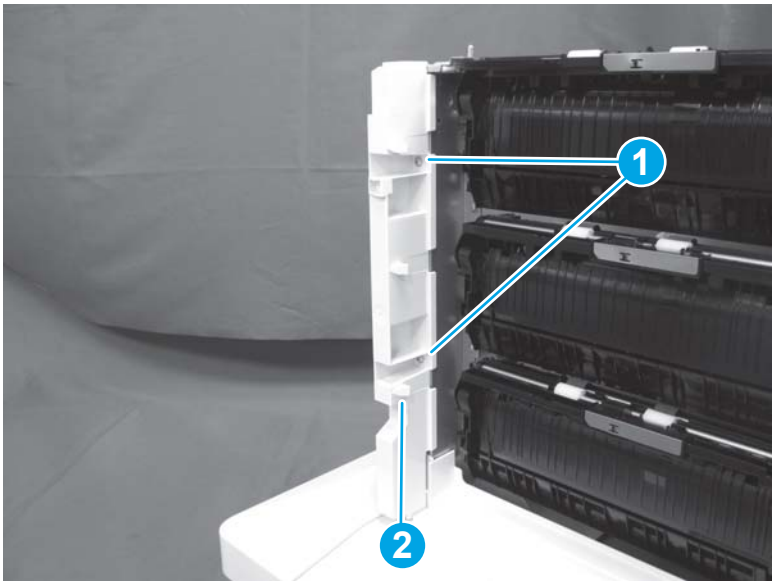
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2340 Remove four screws and the hinge



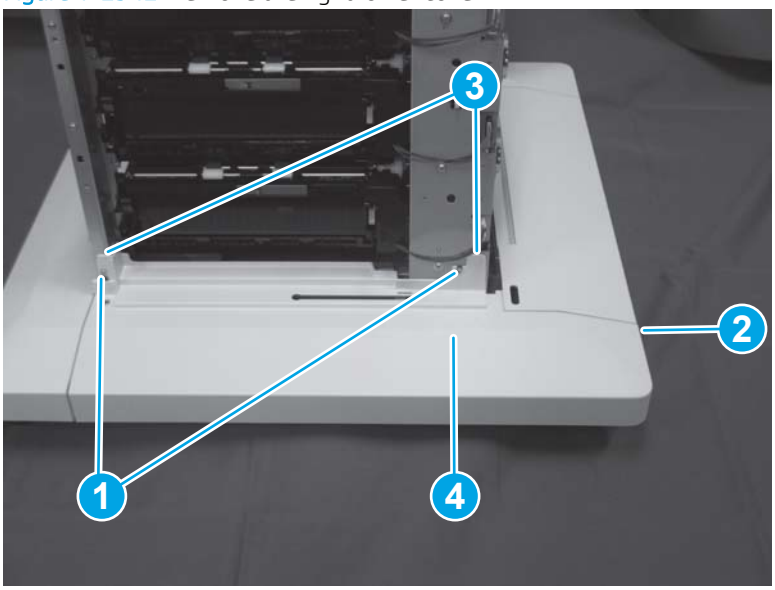
2. Remove two screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2341 Remove two screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

Figure 1-2342 Remove the right lower cover



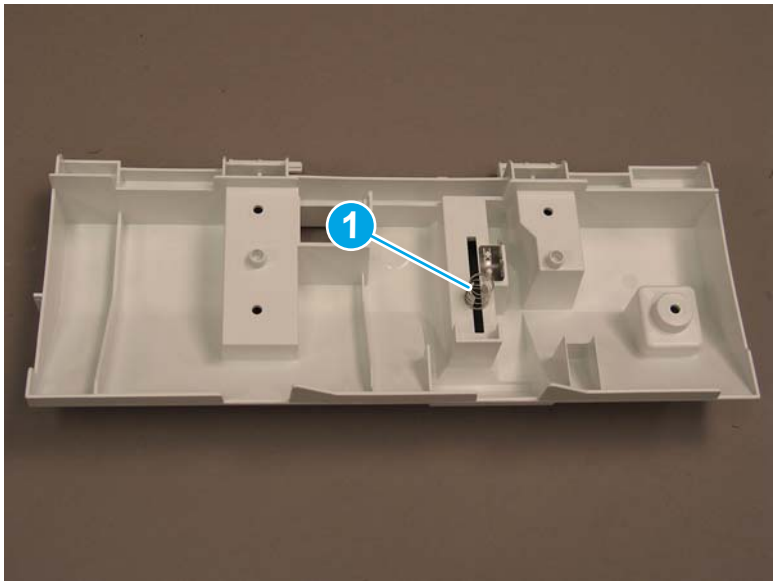
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right lower cover

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

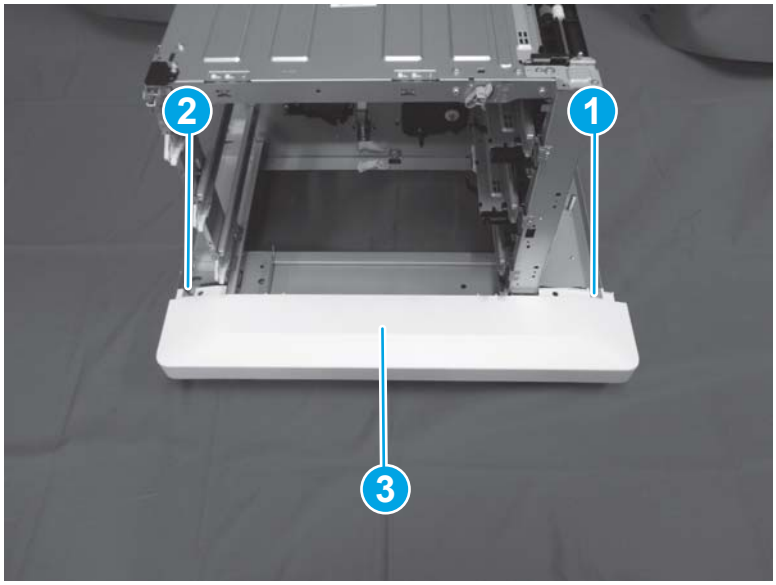
Figure 1-2343 Check spring position



Step 6: Remove the front lower cover

▲ Remove one screw (callout 1), release one tab (callout 2), and then remove the front lower cover (callout 3).

Figure 1-2344 Remove the front lower cover



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door switch (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the right door (3x550-sheet paper feeder with stand)
- Step 3: Remove the right door switch (3x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door switch on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door switch (3x550-sheet paper feeder with stand) part number	
WC2-5803-000CN	Switch, push

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

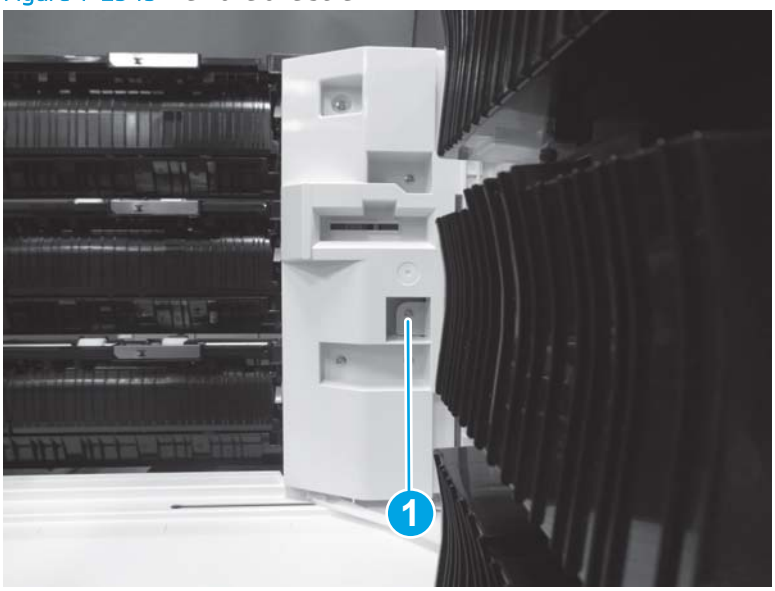
Close the right door. Verify that no door-open messages display on the control panel.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

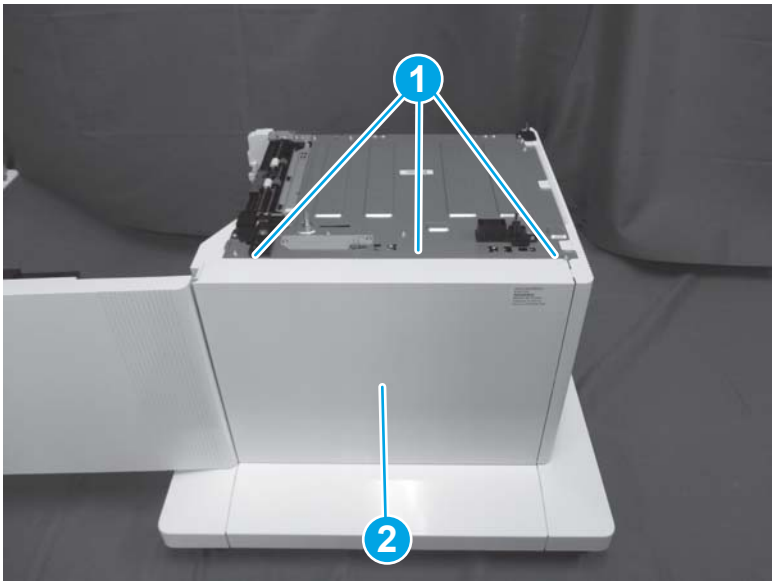
Figure 1-2345 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2346 Remove the rear cover



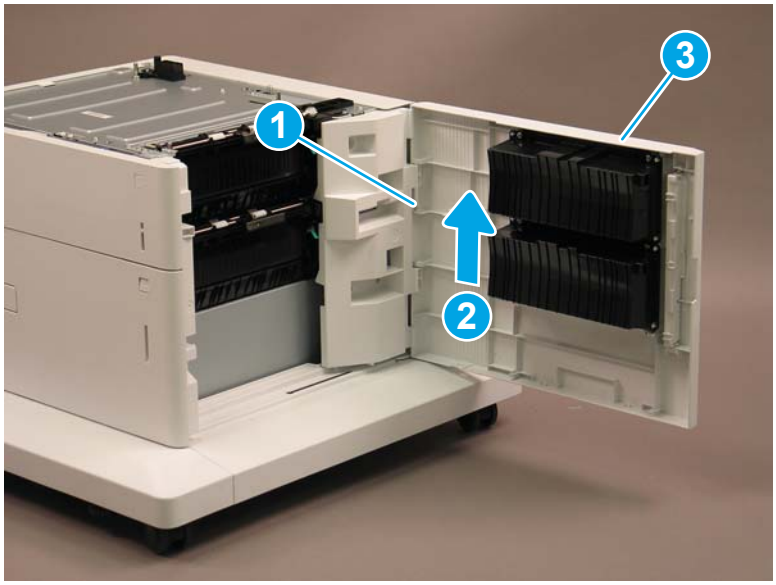
Step 2: Remove the right door (3x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

NOTE: The following figur shows 2,500-sheet paper feeder with stand. The procedure is also correct for the 3x550-sheet feeder with stand.

Reinstallation tip: Reverse the removal steps to install the assembly.

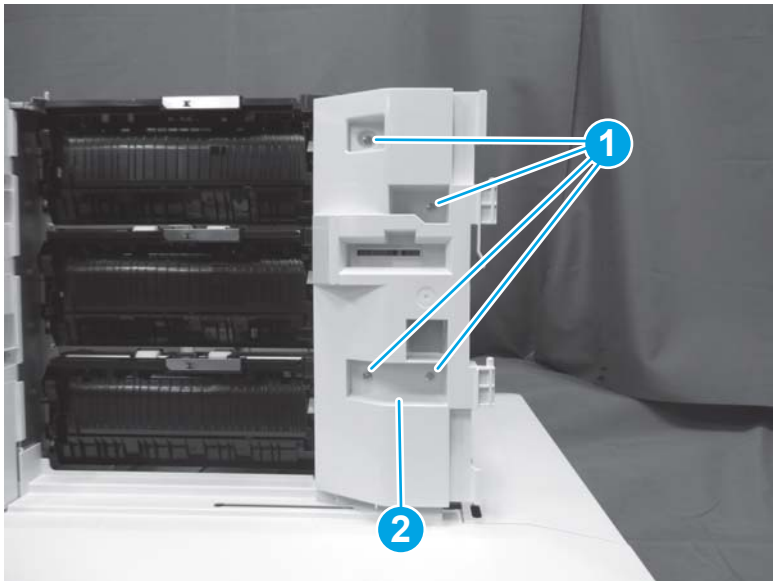
Figure 1-2347 Remove the right door



Step 3: Remove the right door switch (3x550-sheet paper feeder with stand)

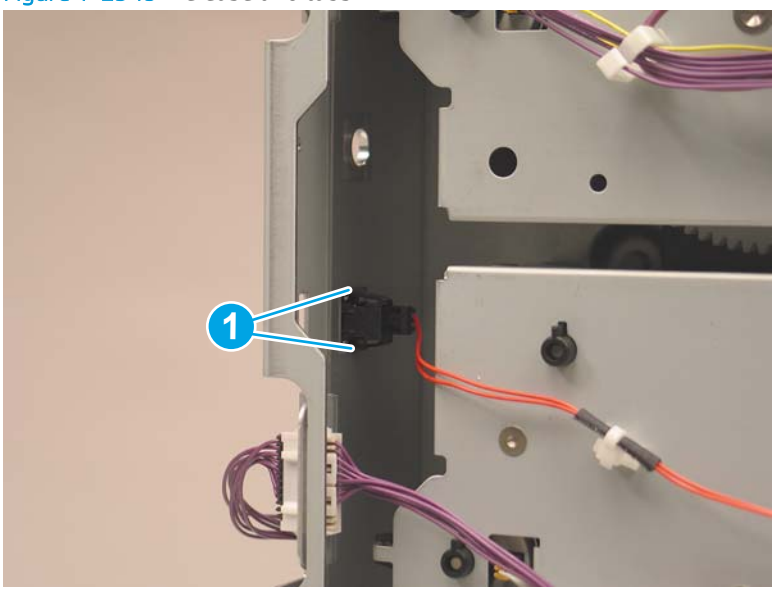
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2348 Remove four screws and the hinge



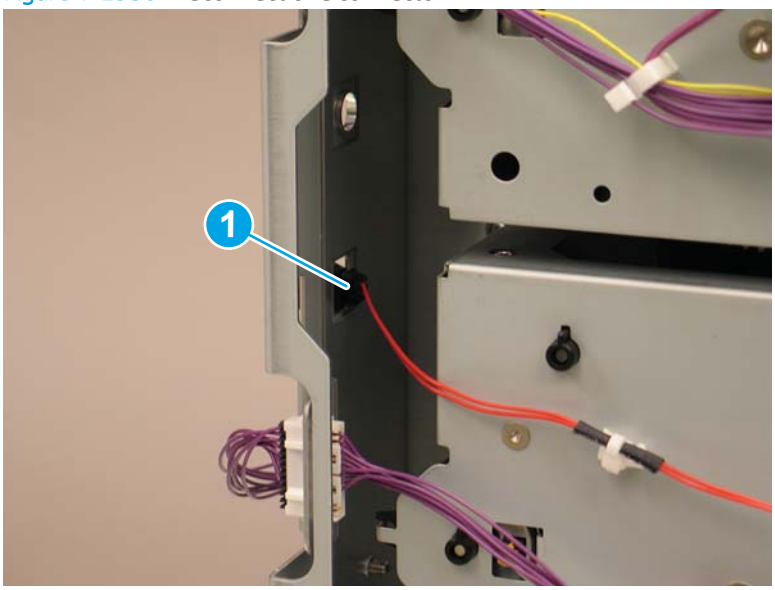
2. At the back of the paper feeder, release two tabs (callout 1) and release the switch through the opening in the sheet metal.

Figure 1-2349 Release two tabs



3. Disconnect one connector (callout 1), and then remove the right door switch.

Figure 1-2350 Disconnect one connector



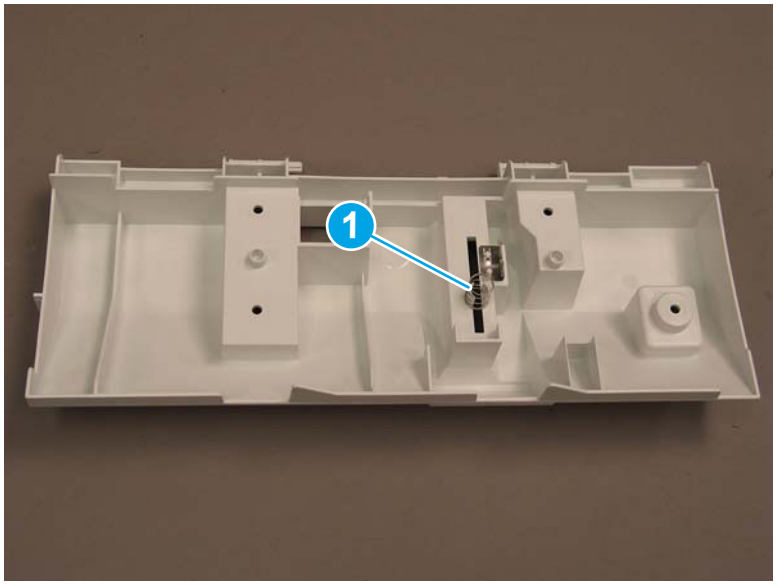
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right door switch

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

Figure 1-2351 Check spring position



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Size sensor (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the size sensor (3x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the size sensor on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Size sensor (3x550-sheet paper feeder with stand) part number	
RM2-0857-000CN	Size sensor assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

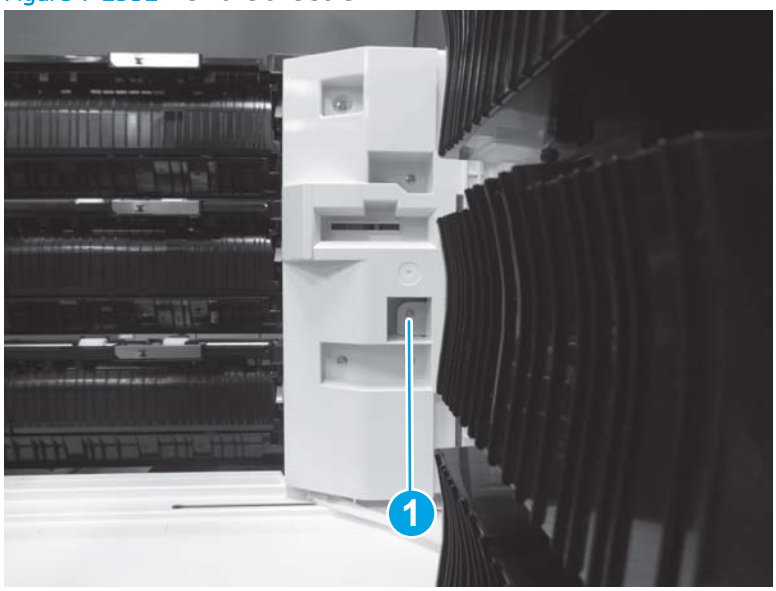
Install the paper tray and verify that the printer detects the correct size of paper in the tray.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

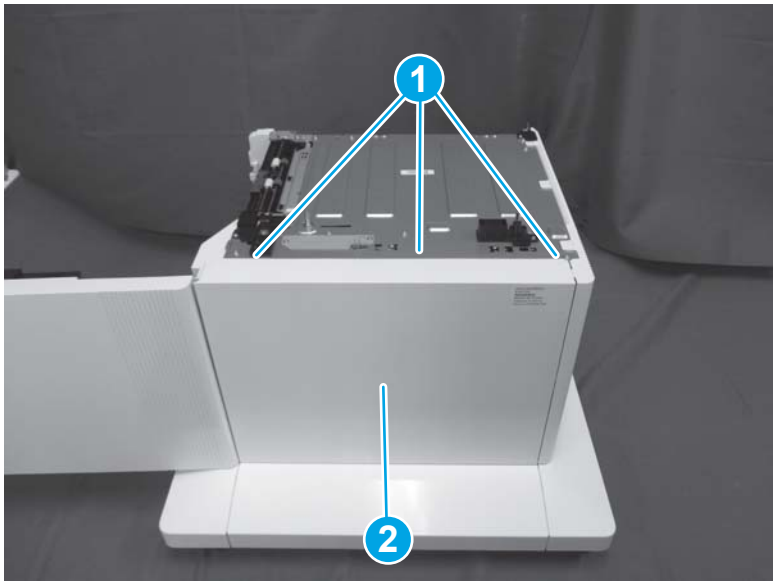
Figure 1-2352 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2353 Remove the rear cover



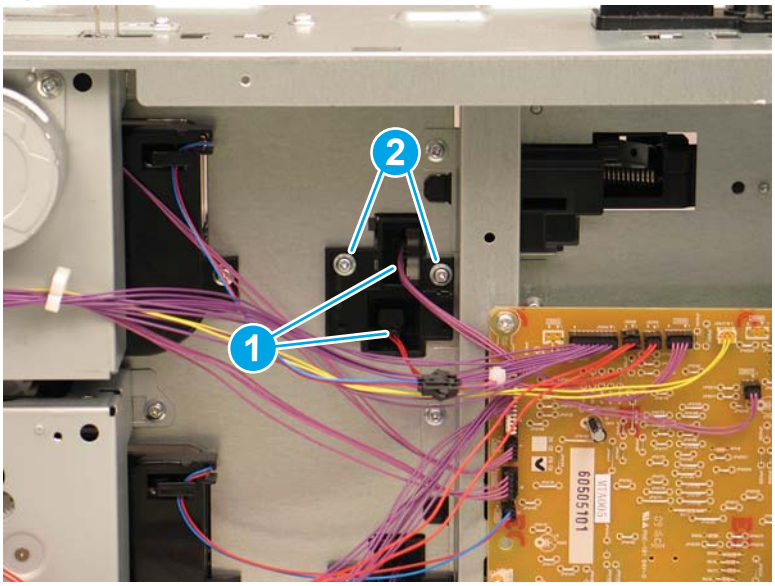
Step 2: Remove the size sensor (3x550-sheet paper feeder with stand)

1. Remove the paper tray for the size sensor you are replacing.

2. At the back of the feeder, disconnect two connectors (callout 1), and then remove two screws (callout 2).

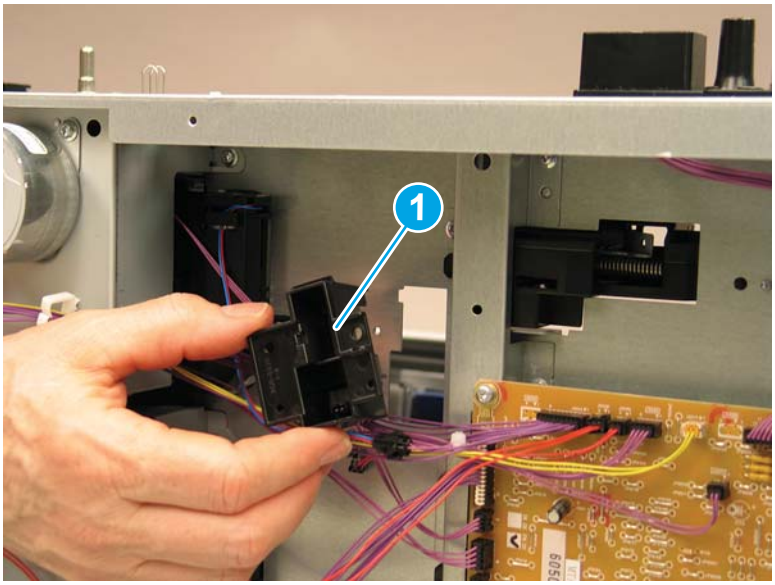
NOTE: The figure below show the Tray 3 size sensor. The procedure is the same for all of the size sensors.

Figure 1-2354 Disconnect two connectors and remove two screws



3. Remove the size sensor (callout 1).

Figure 1-2355 Remove the size sensor



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drawer connector holder and cable assembly (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the drawer connector holder and cable assembly (3x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drawer connector holder and cable assembly on the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drawer connector holder and cable assembly (3x550-sheet paper feeder with stand) part numbers	
RC4-8914-000CN	Holder, drawer connector
RM2-9286-000CN	Drawer upper cable assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

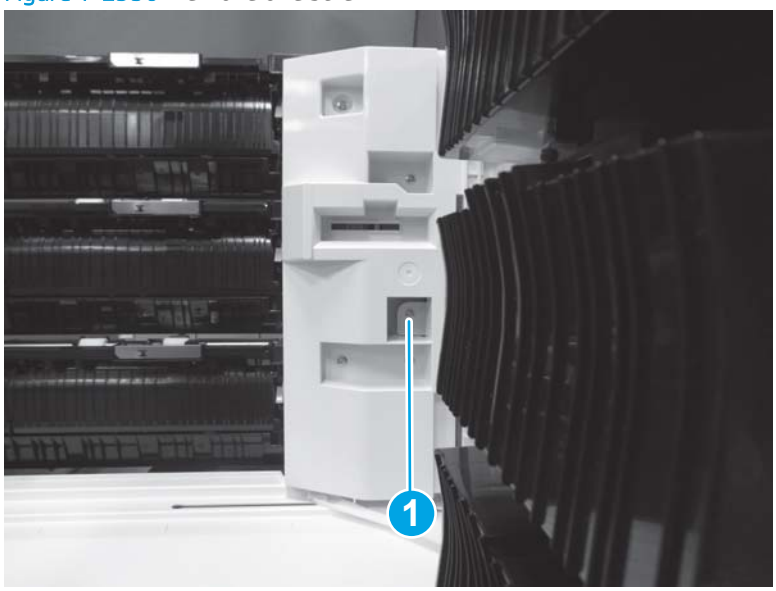
Send a print job from the host computer to the 3x550-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

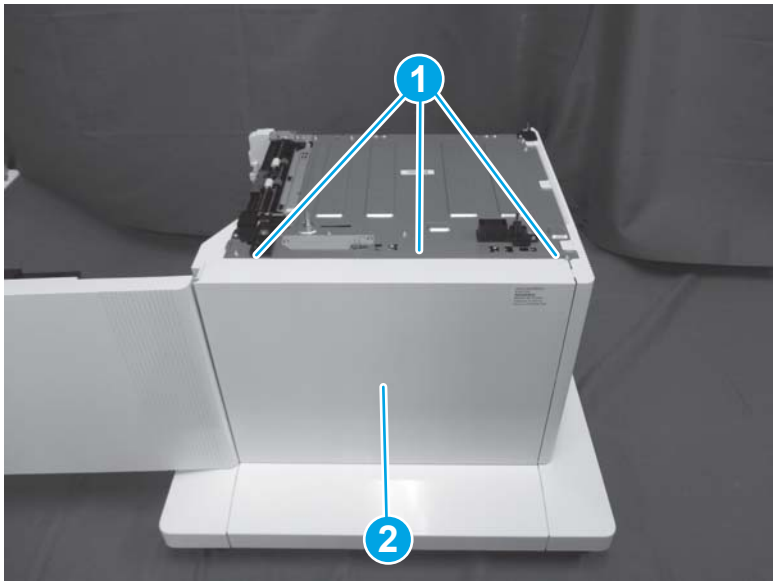
Figure 1-2356 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

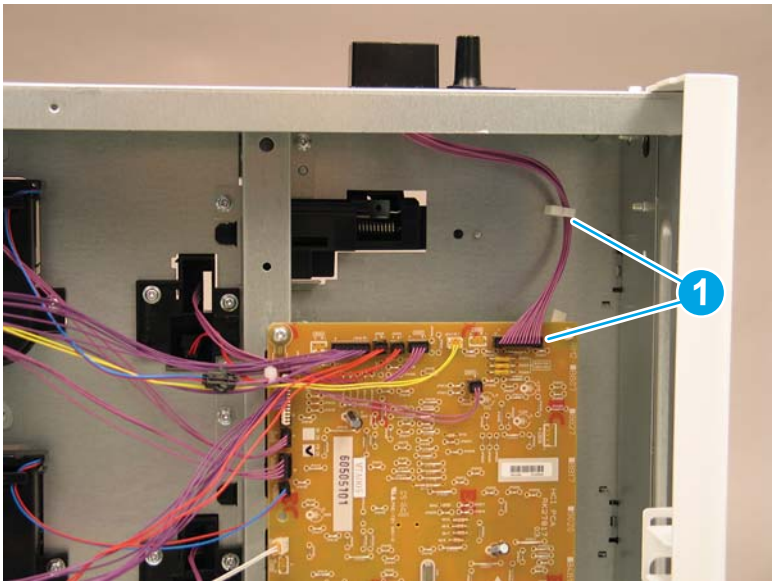
Figure 1-2357 Remove the rear cover



Step 2: Remove the drawer connector holder and cable assembly (3x550-sheet paper feeder with stand)

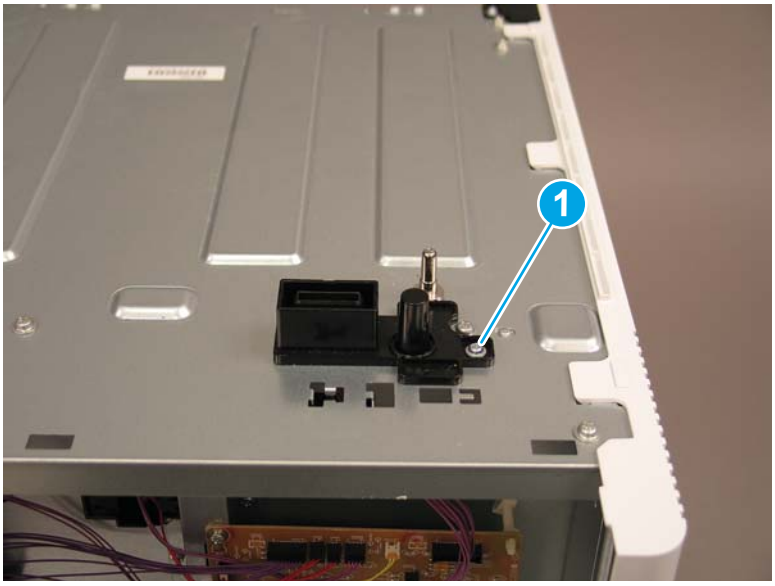
1. At the back of the feeder, disconnect one connector and release one retainer (callout 1).

Figure 1-2358 Disconnect one connector and release retainer



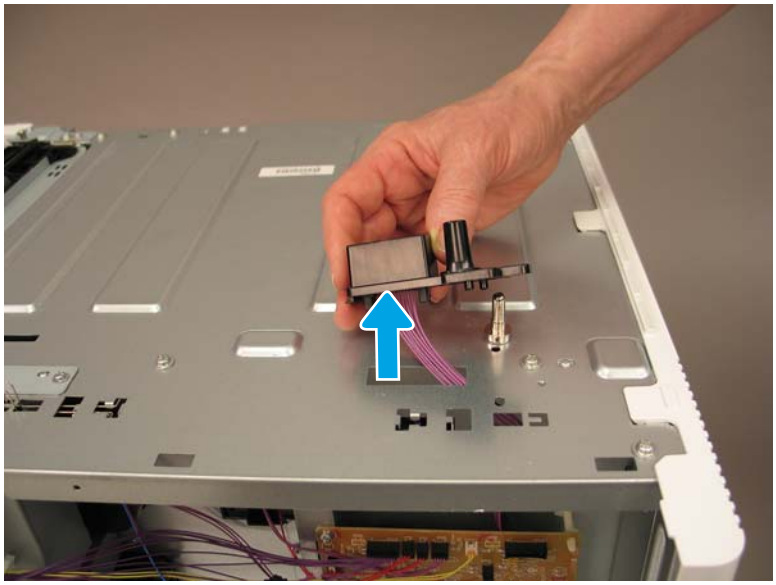
2. At the top of the paper feeder, remove one screw (callout 1).

Figure 1-2359 Remove one screw



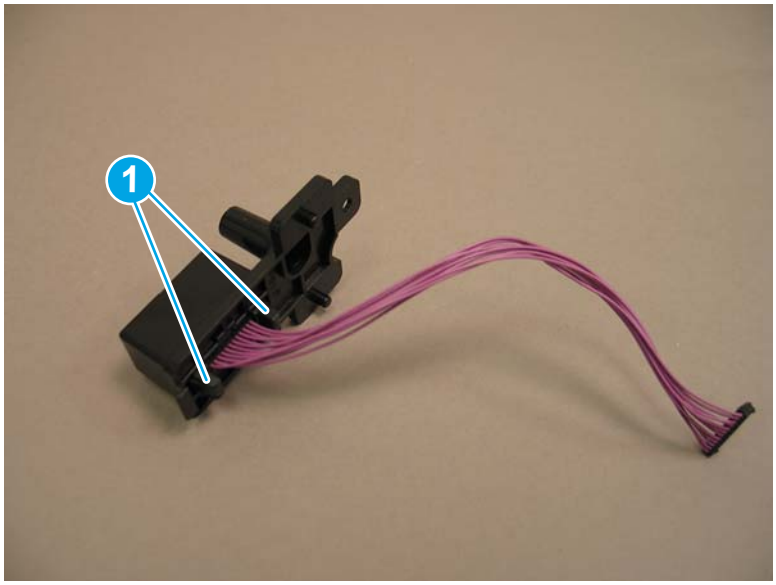
3. Lift the drawer connector holder and cable assembly away from the feeder to remove them.

Figure 1-2360 Remove the drawer connector holder and cable assembly



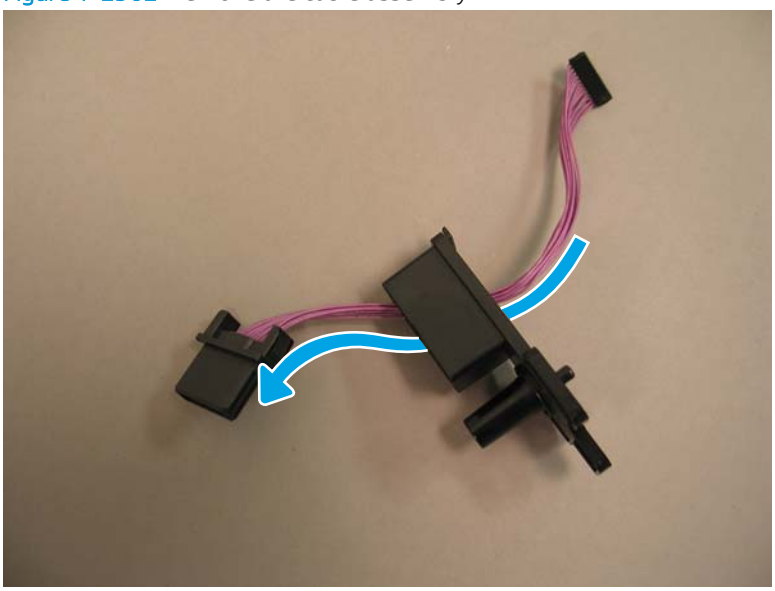
4. Use a small, flat-blad screwdriver to release two tabs (callout 1).

Figure 1-2361 Release two tabs



5. Remove the cable assembly from the drawer connector holder.

Figure 1-2362 Remove the cable assembly



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Auto-close assemblies (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the auto-close assembly (3x550-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the auto-close assemblies for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Auto-close assemblies (3x550-sheet paper feeder with stand) part number	
RM2-0856-000CN	Auto close assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

Slowly install the paper tray in the paper feeder. Verify that the auto-close assembly catches and pulls the tray completely closed.

Step 1: Remove the auto-close assembly (3x550-sheet paper feeder with stand)

1. Remove all of the paper trays.
2. Do one of the following, depending upon which auto-close assembly you are removing:

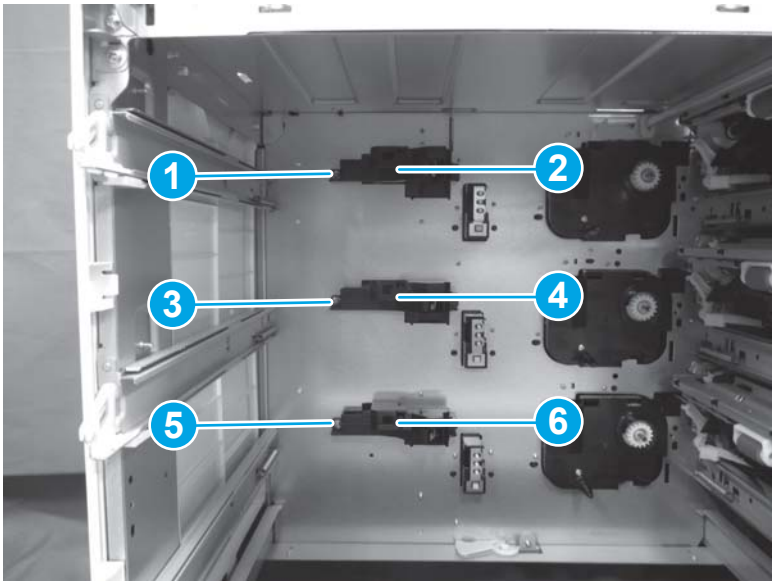
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 auto-close assembly**: Remove one screw (callout 1), and then remove the auto-close assembly (callout 2).

b. **Tray 4 auto-close assembly**: Remove one screw (callout 3), and then remove the auto-close assembly (callout 4).

c. **Tray 5 auto-close assembly**: Remove one screw (callout 5), and then remove the auto-close assembly (callout 6).

Figure 1-2363 Remove the auto-close assemblies



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Paper pickup assemblies (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door (3x550-sheet paper feeder with stand)
- Step 2: Remove the paper pickup assembly (3x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the paper pickup assemblies for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Paper pickup assembly (3x550-sheet paper feeder with stand) part number	
RM2-1235-000CN	Paper pickup assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

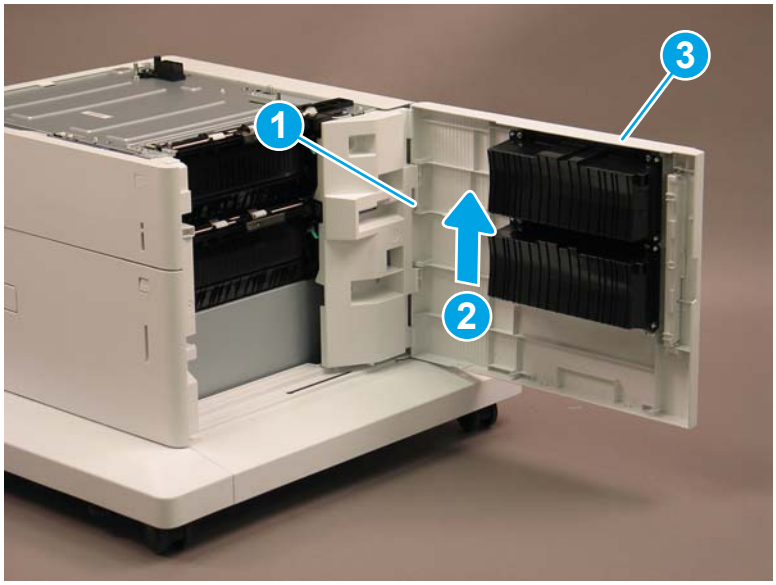
Step 1: Remove the right door (3x550-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

NOTE: The following figur shows 2,500-sheet paper feeder with stand. The procedure is also correct for the 3x550-sheet feeder with stand.

Reinstallation tip: Reverse the removal steps to install the assembly.

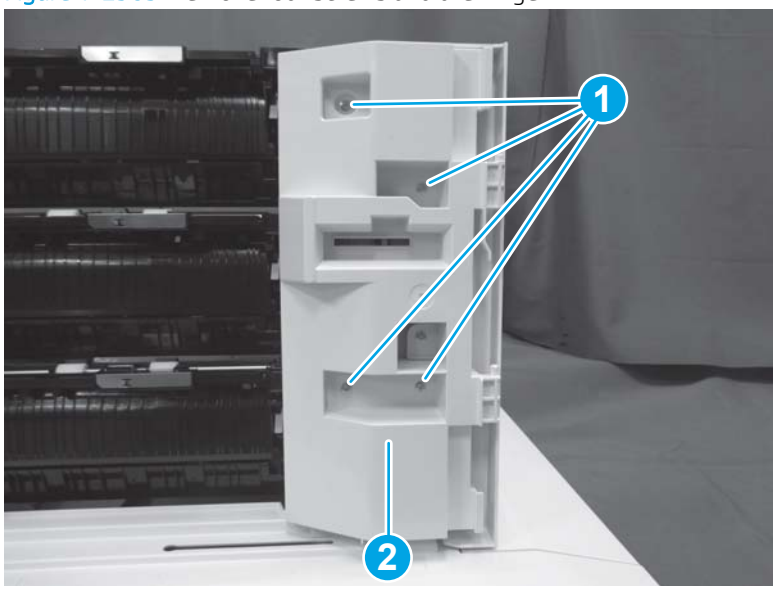
Figure 1-2364 Remove the right door



Step 2: Remove the paper pickup assembly (3x550-sheet paper feeder with stand)

1. Remove all of the paper trays.
2. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2365 Remove four screws and the hinge



3. Do one of the following, depending upon which paper pickup assembly you are removing:

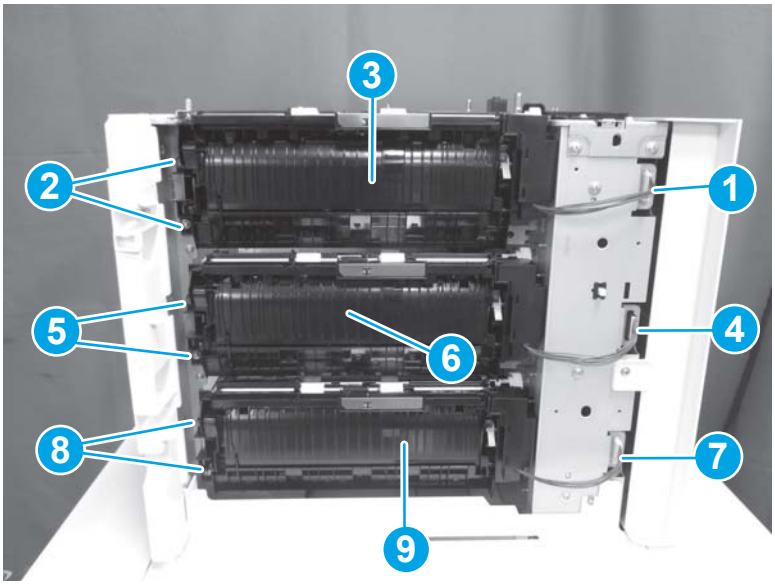
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 paper pickup assembly**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the paper pickup assembly (callout 3).

b. **Tray 4 paper pickup assembly**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the paper pickup assembly (callout 6).

c. **Tray 5 paper pickup assembly**: Disconnect one connector (callout 7), remove two screws (callout 8), and then remove the paper pickup assembly (callout 9).

Figure 1-2366 Remove the paper pickup assemblies



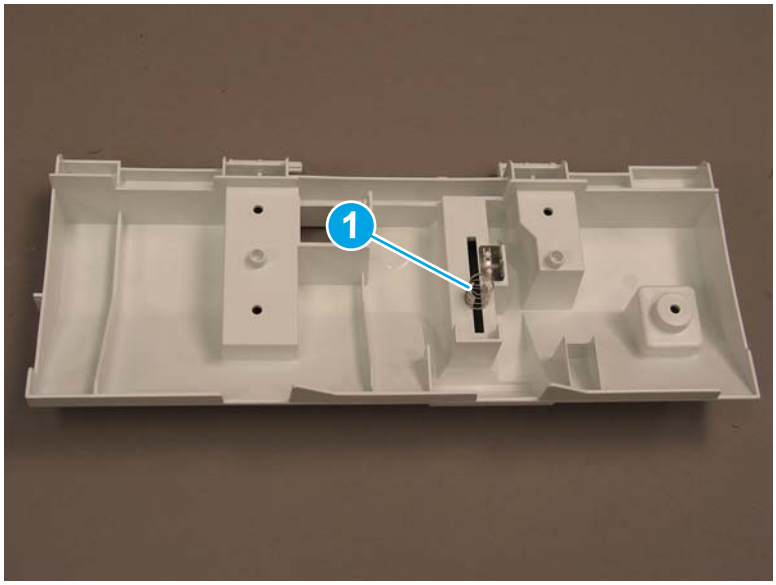
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Paper pickup assemblies

▲ Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

Figure 1-2367 Check spring position



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Feed motors (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the feed motor (3x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the feed motors for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Feed motor (3x550-sheet paper feeder with stand) part number	
RK2-7831-000CN	Motor, stepping

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

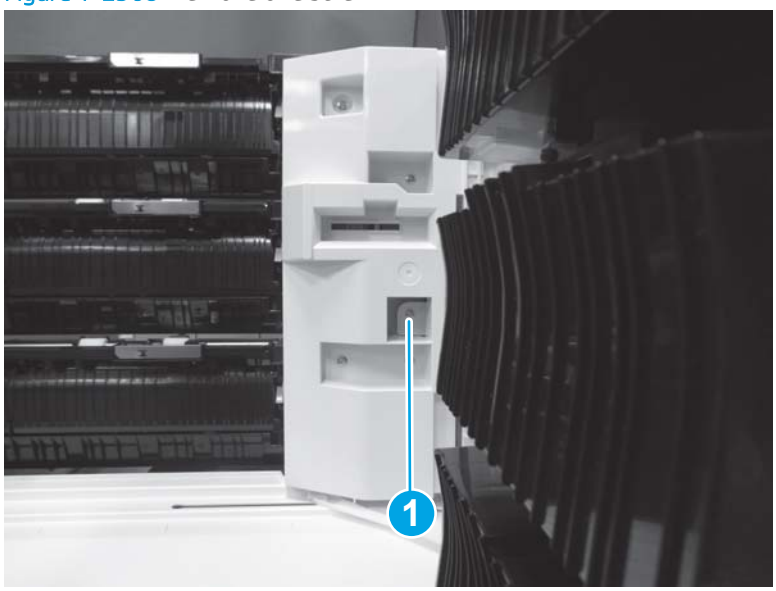
Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

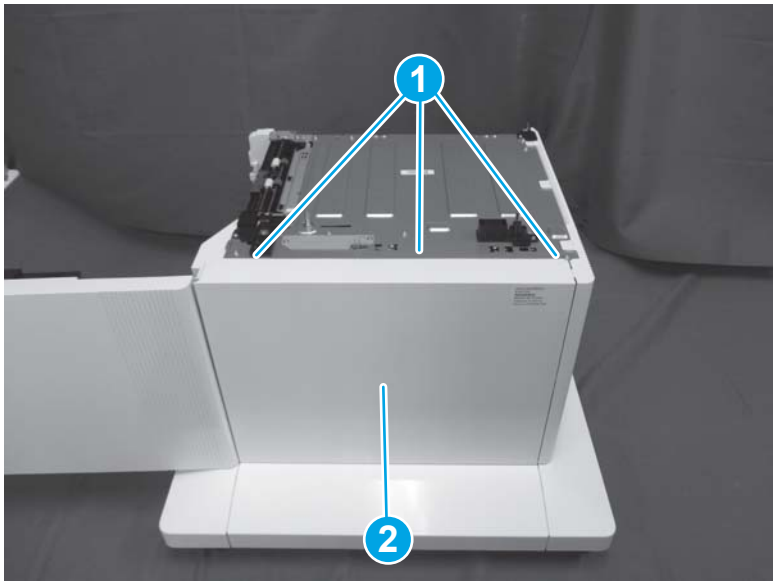
Figure 1-2368 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2369 Remove the rear cover



Step 2: Remove the feed motor (3x550-sheet paper feeder with stand)

▲ Do one of the following, depending upon which feed motor you are removing:

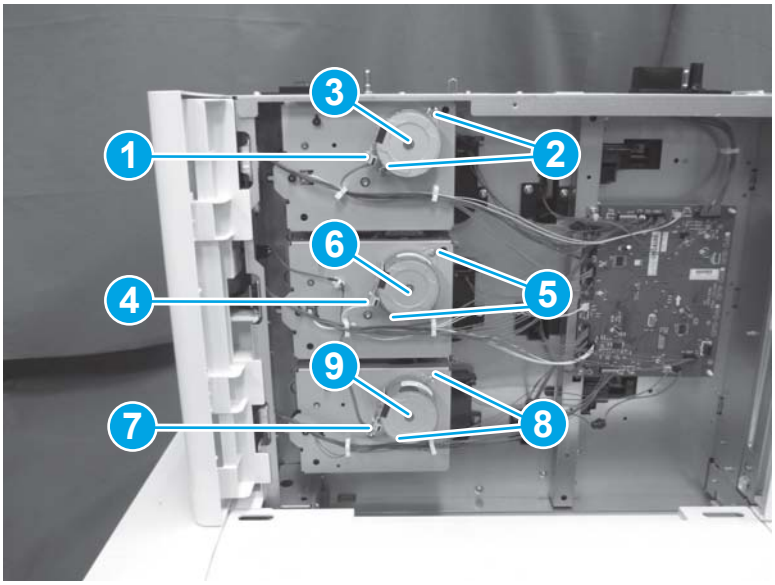
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

c. **Tray 5 feed motor**: Disconnect one connector (callout 7), remove two screws (callout 8), and then remove the feed motor (callout 9).

Figure 1-2370 Remove the feed motors



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drive assemblies (Trays 3 and 5) (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the Tray 3 or 5 feed motor (3x550-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (Tray 3 or 5) (3x550-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drive assemblies for Trays 3 and 5 in the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drive assembly (3x550-sheet paper feeder with stand) part number	
RM2-1222-000CN	Drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

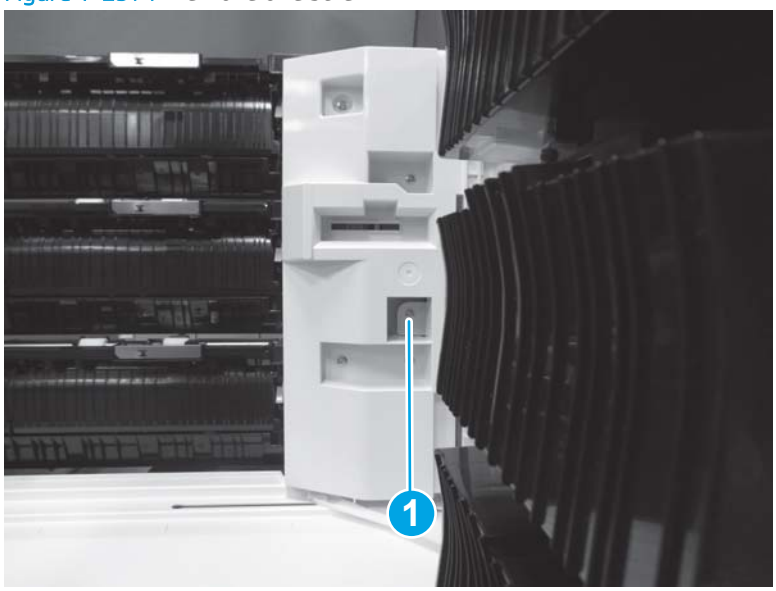
Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

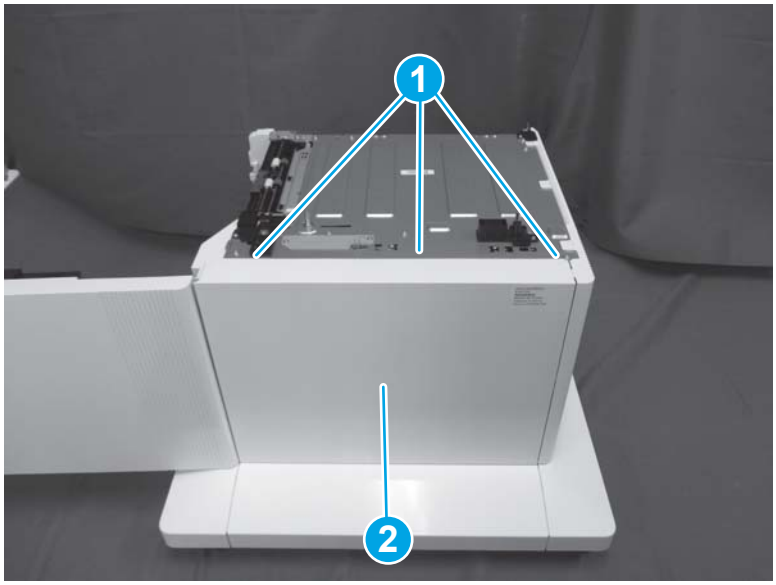
Figure 1-2371 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2372 Remove the rear cover



Step 2: Remove the Tray 3 or 5 feed motor (3x550-sheet paper feeder with stand)

▲ Do one of the following, depending upon which feed motor you are removing:

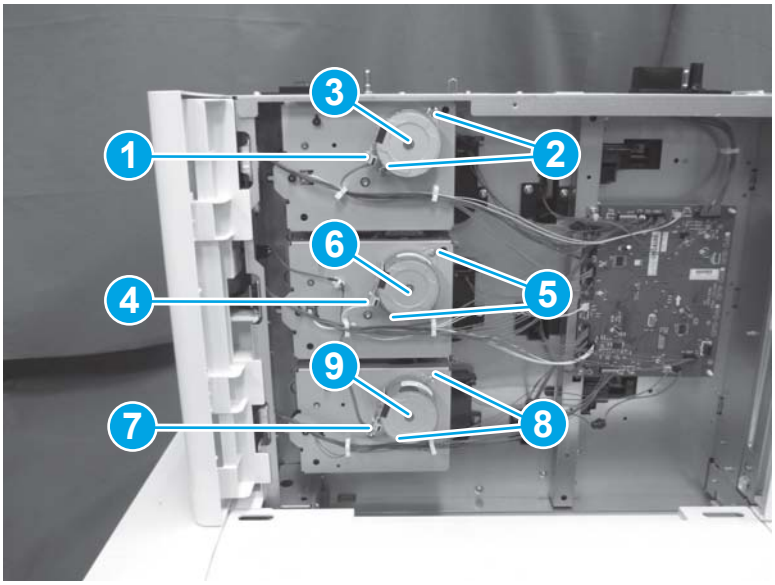
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

c. **Tray 5 feed motor**: Disconnect one connector (callout 7), remove two screws (callout 8), and then remove the feed motor (callout 9).

Figure 1-2373 Remove the feed motors



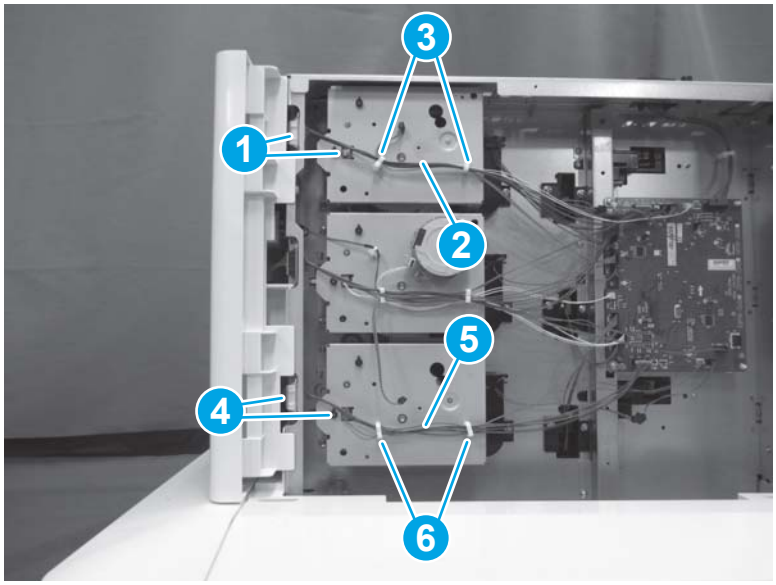
Step 3: Remove the drive assembly (Tray 3 or 5) (3x550-sheet paper feeder with stand)

1. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Disconnect two connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

   b. **Tray 5 drive assembly**: Disconnect two connectors (callout 4), and then release the cable (callout 5) from the retainers (callout 6).

Figure 1-2374 Disconnect two connectors

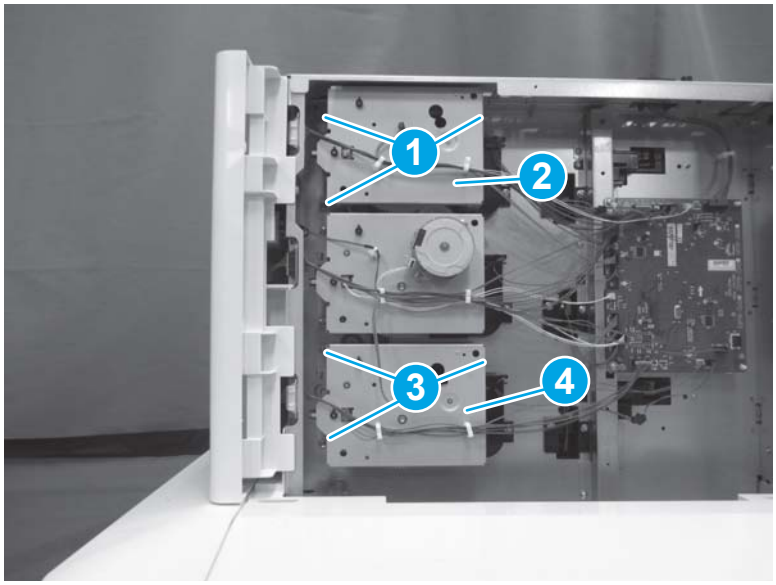


2. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Remove three screws (callout 1), and then remove the drive assembly (callout 2).

   b. **Tray 5 drive assembly**: Remove three screws (callout 3), and then remove the drive assembly (callout 4).

Figure 1-2375 Remove the drive assembly



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drive assembly (Tray 4) (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the Tray 4 feed motor (3x550-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (3x550-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drive assembly for Tray 4 in the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drive assembly (3x550-sheet paper feeder with stand) part number	
RM2-1222-000CN	Drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

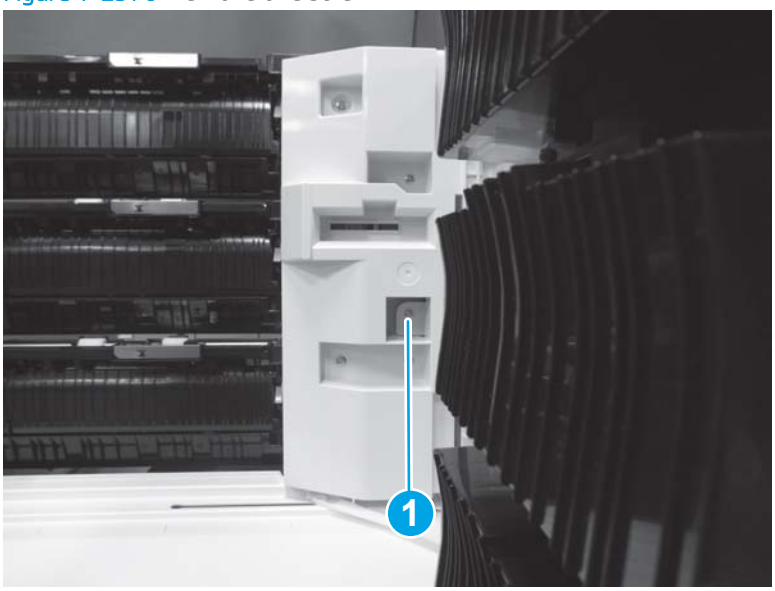
Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

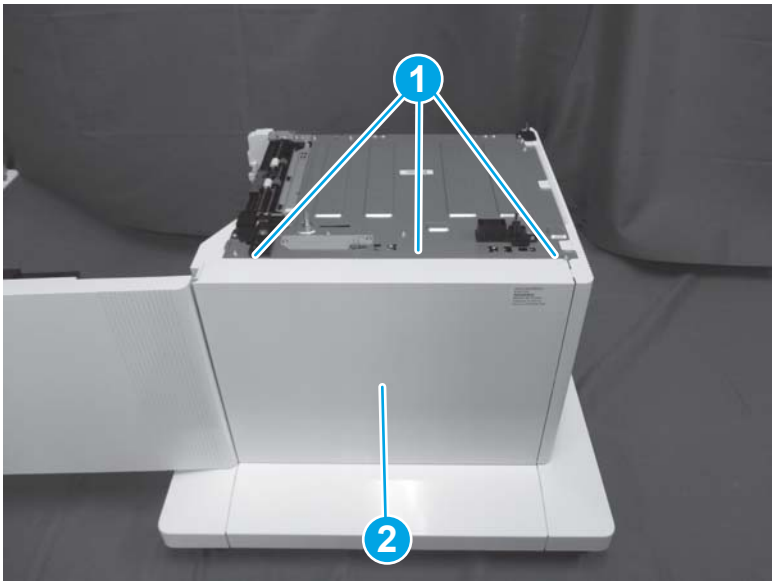
Figure 1-2376 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2377 Remove the rear cover



Step 2: Remove the Tray 4 feed motor (3x550-sheet paper feeder with stand)

▲ Do one of the following, depending upon which feed motor you are removing:

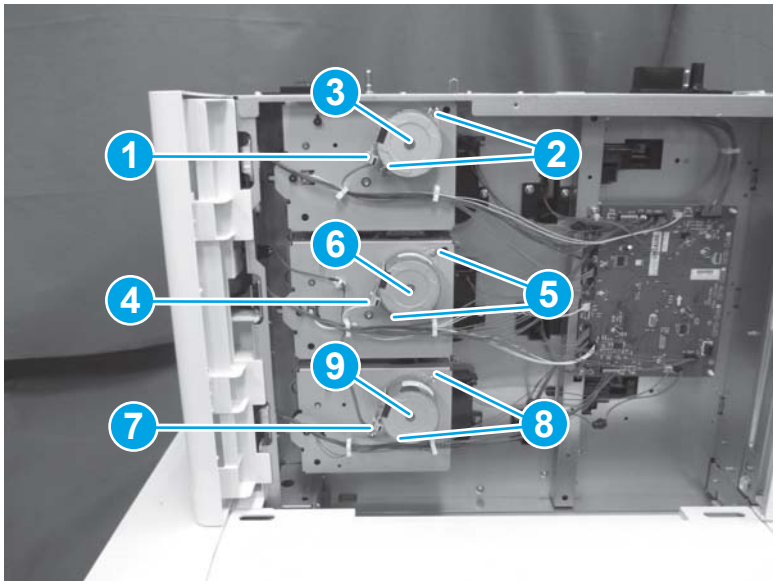
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

c. **Tray 5 feed motor**: Disconnect one connector (callout 7), remove two screws (callout 8), and then remove the feed motor (callout 9).

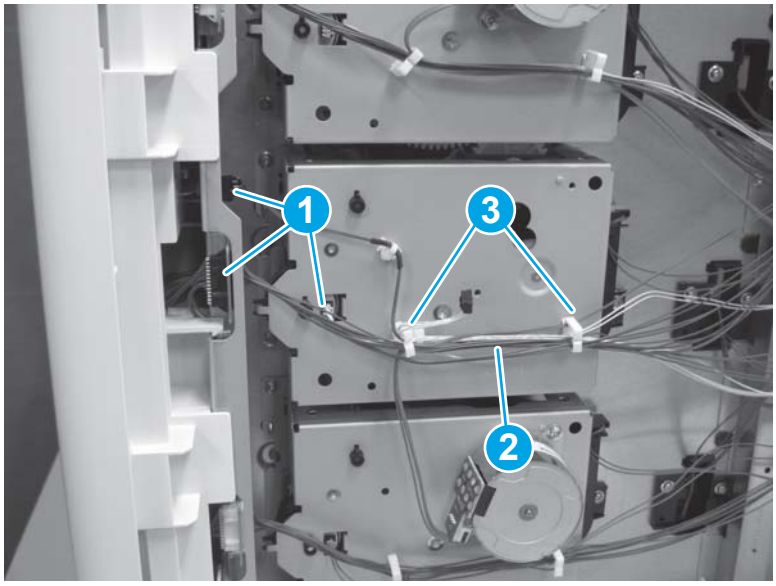
Figure 1-2378 Remove the feed motors



Step 3: Remove the drive assembly (3x550-sheet paper feeder with stand)

1. Disconnect three connectors (callout 1), and then release the cable (callout 3) from the retainers (callout 2).

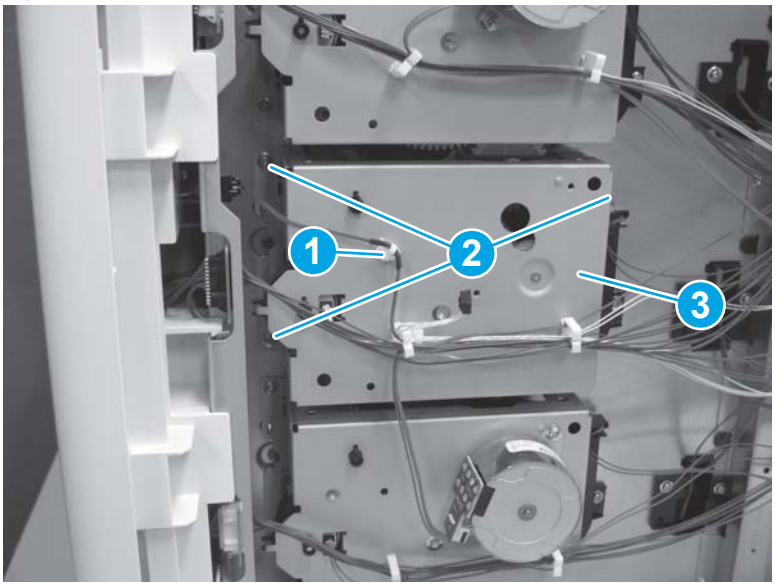
Figure 1-2379 Disconnect three connectors



2. Release the retainer (callout 1), remove three screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2380 Remove the drive assembly



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Pickup alienation holder (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the feed motors (Trays 3, 4, and 5) (3x550-sheet paper feeder with stand)
- Step 3: Remove the drive assemblies (Trays 3 and 5) (3x550-sheet paper feeder with stand)
- Step 4: Remove the drive assembly (Tray 4) (3x550-sheet paper feeder with stand)
- Step 5: Remove the pickup alienation holder (3x550-sheet paper feeder with stand)
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the pickup alienation holder for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Pickup alienation holder (3x550-sheet paper feeder with stand) part number	
RM2-1223-000CN	Estrangement holder assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

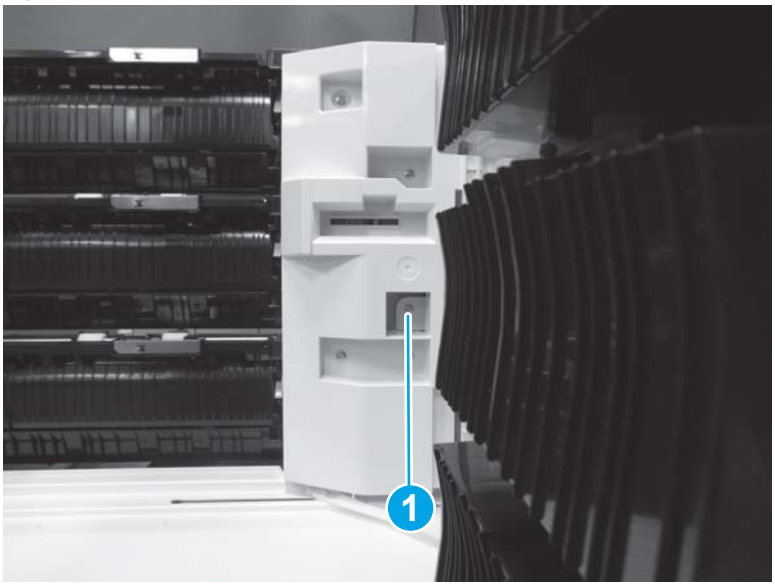
Post service test

Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

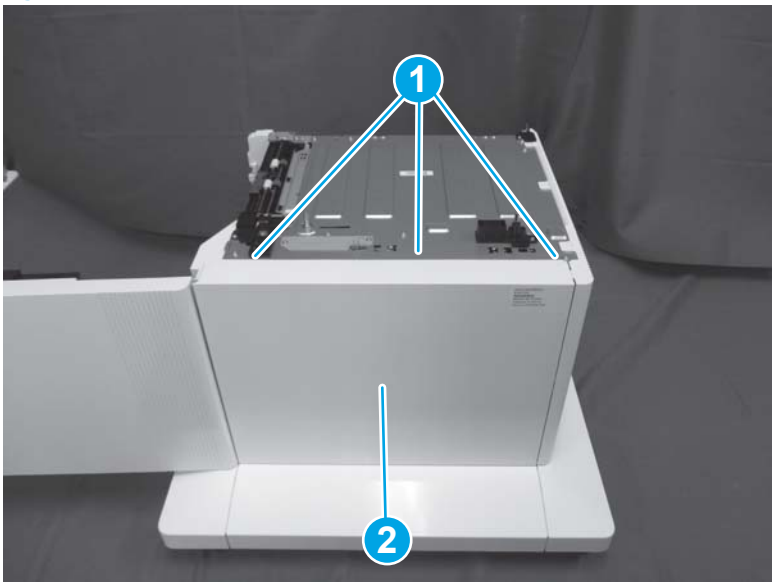
Figure 1-2381 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2382 Remove the rear cover



Step 2: Remove the feed motors (Trays 3, 4, and 5) (3x550-sheet paper feeder with stand)

▲ Do one of the following, depending upon which feed motor you are removing:

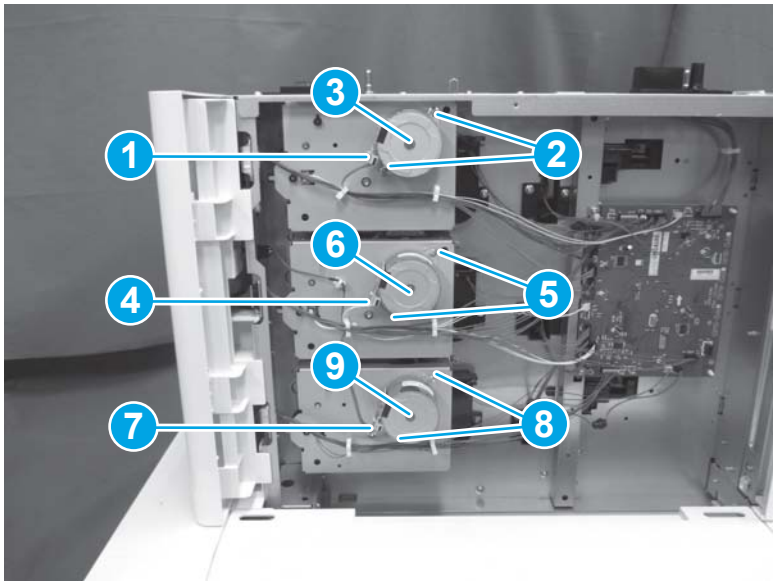
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

c. **Tray 5 feed motor**: Disconnect one connector (callout 7), remove two screws (callout 8), and then remove the feed motor (callout 9).

Figure 1-2383 Remove the feed motors



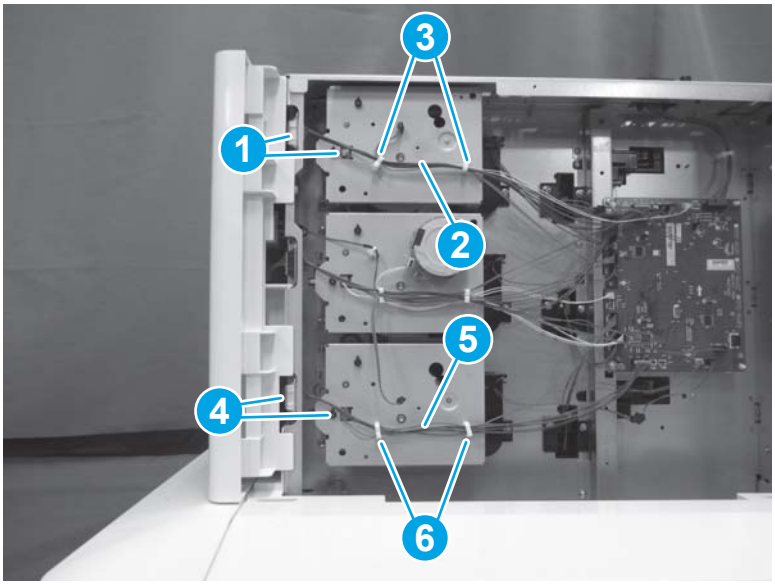
Step 3: Remove the drive assemblies (Trays 3 and 5) (3x550-sheet paper feeder with stand)

1. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Disconnect two connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

   b. **Tray 5 drive assembly**: Disconnect two connectors (callout 4), and then release the cable (callout 5) from the retainers (callout 6).

Figure 1-2384 Disconnect two connectors

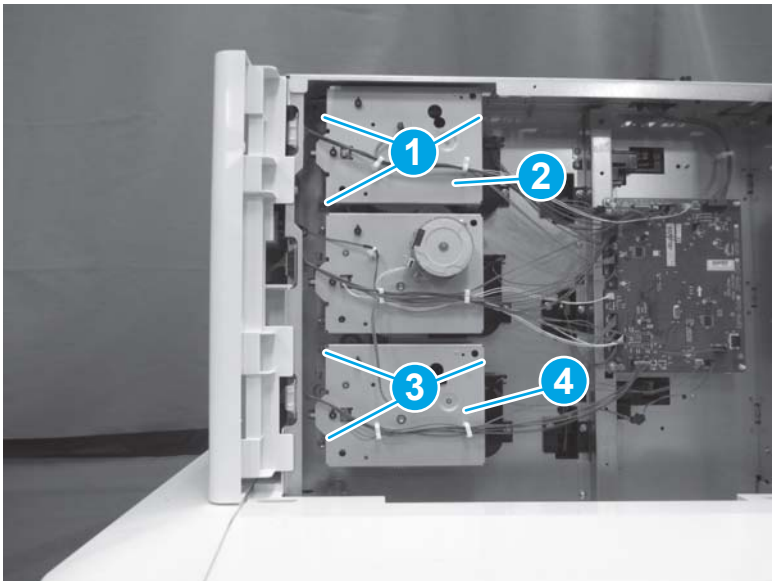


2. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Remove three screws (callout 1), and then remove the drive assembly (callout 2).

   b. **Tray 5 drive assembly**: Remove three screws (callout 3), and then remove the drive assembly (callout 4).

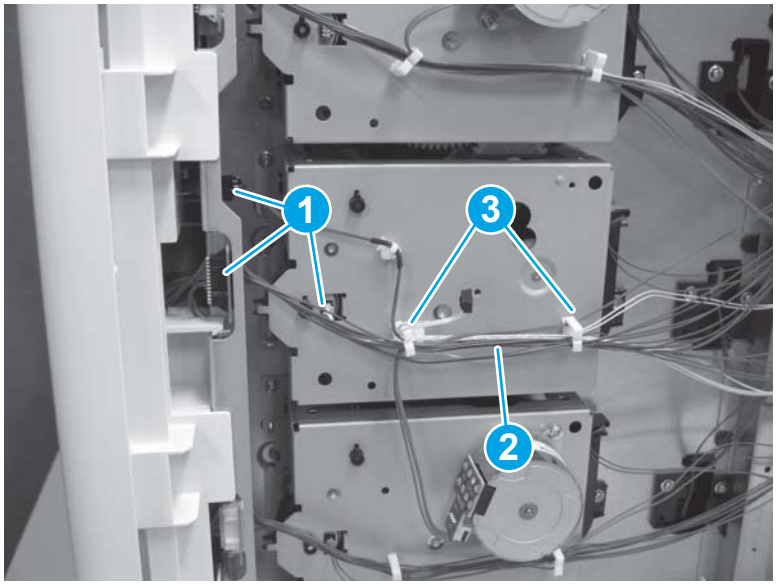
Figure 1-2385 Remove the drive assembly



Step 4: Remove the drive assembly (Tray 4) (3x550-sheet paper feeder with stand)

1. Disconnect three connectors (callout 1), and then release the cable (callout 3) from the retainers (callout 2).

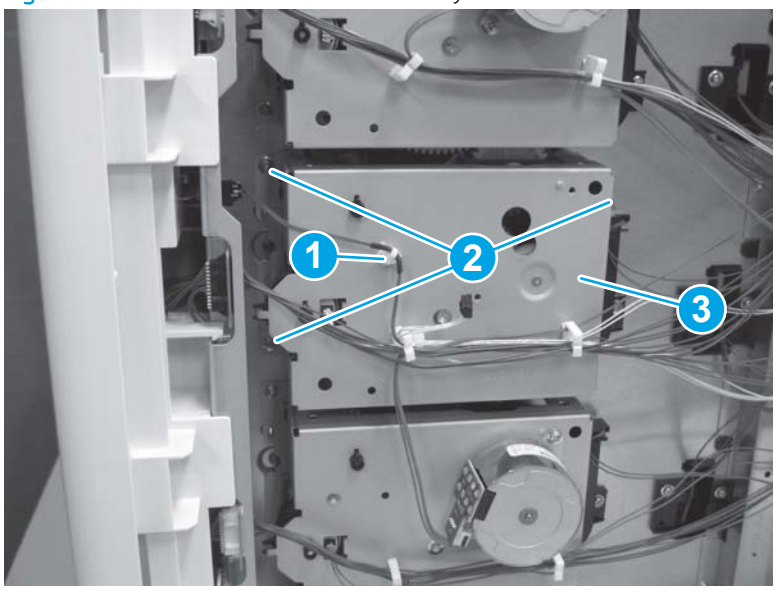
Figure 1-2386 Disconnect three connectors



2. Release the retainer (callout 1), remove three screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

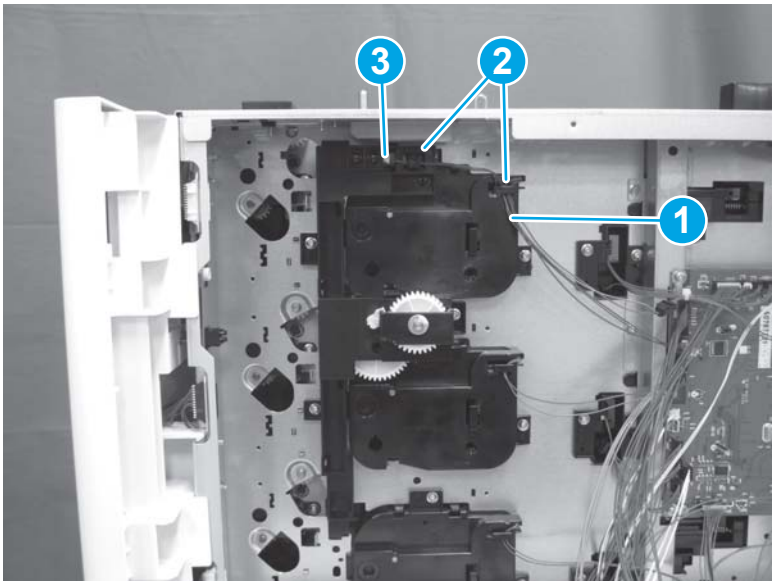
Figure 1-2387 Remove the drive assembly



Step 5: Remove the pickup alienation holder (3x550-sheet paper feeder with stand)

1. Release the cable (callout 1) from cable guides (callout 2), and then disconnect one connector (callout 3).

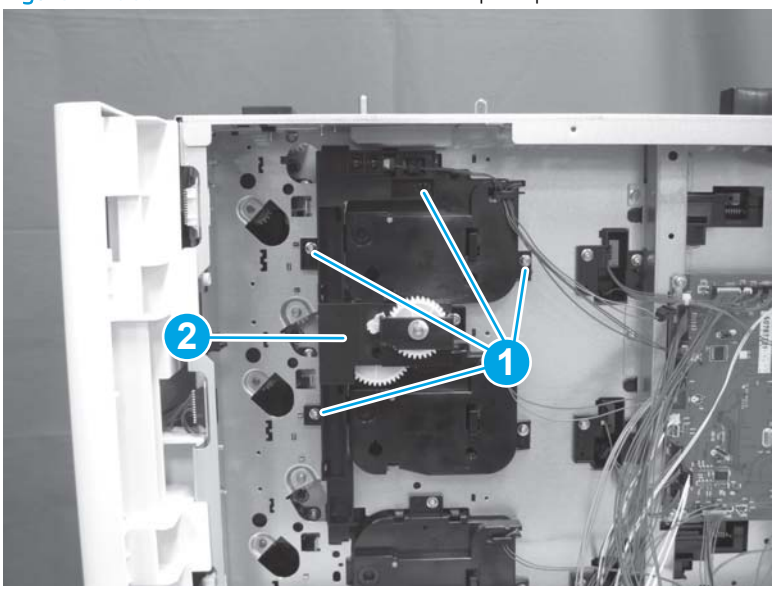
Figure 1-2388 Disconnect one connector



2. Remove four screws (callout 1), and then remove the pickup alienation holder (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2389 Remove four screws and the pickup alienation holder



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lifter drive assemblies (Trays 3 and 4) (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the feed motors (Trays 3, 4, and 5) (3x550-sheet paper feeder with stand)
- Step 3: Remove the drive assemblies (Trays 3 and 5) (3x550-sheet paper feeder with stand)
- Step 4: Remove the drive assembly (Tray 4) (3x550-sheet paper feeder with stand)
- Step 5: Remove the pickup alienation holder (3x550-sheet paper feeder with stand)
- Step 6: Remove the lifter drive assembly (Trays 3 and 4) (3x550-sheet paper feeder with stand)
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lifter drive assemblies for Trays 3 and 4 in the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lifter drive assembly (3x550-sheet paper feeder with stand) part number	
RM2-2091-000CN	Lifter drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

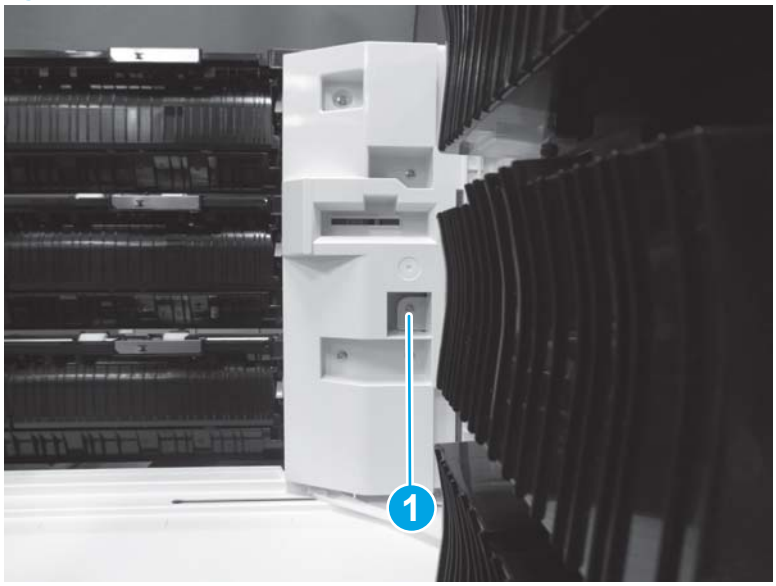
Post service test

Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

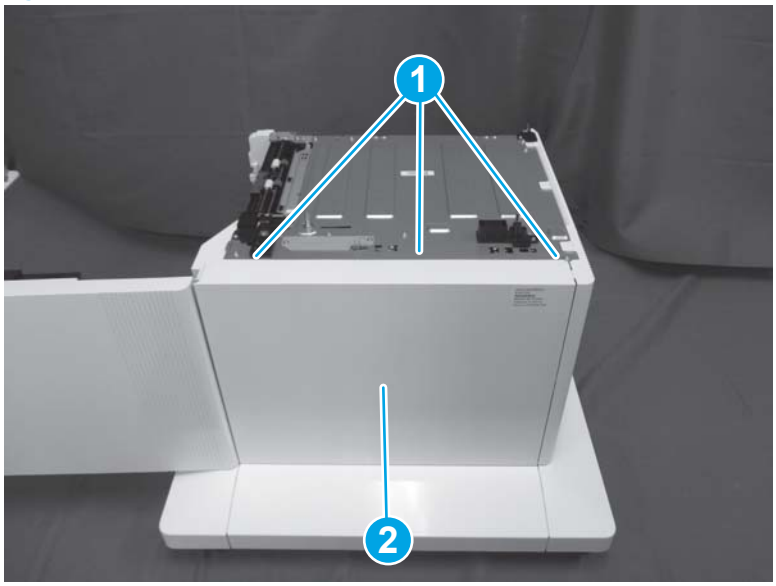
Figure 1-2390 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2391 Remove the rear cover



Step 2: Remove the feed motors (Trays 3, 4, and 5) (3x550-sheet paper feeder with stand)

▲ Do one of the following, depending upon which feed motor you are removing:

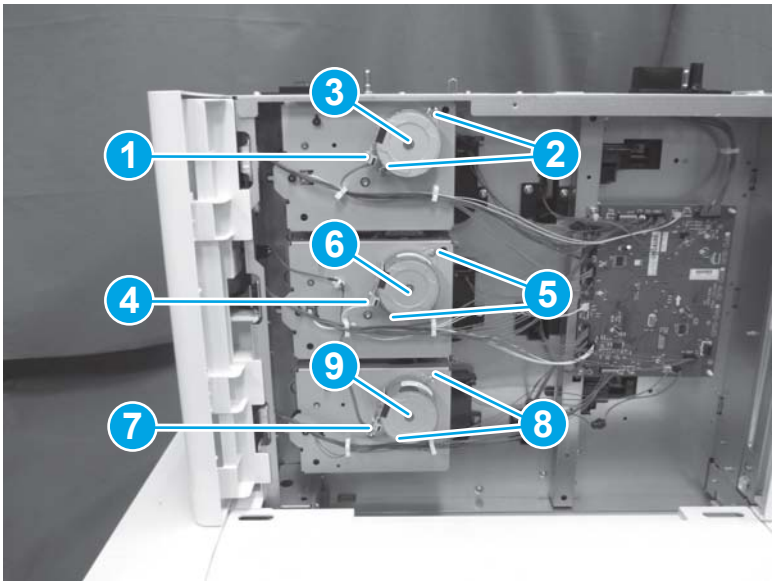
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

c. **Tray 5 feed motor**: Disconnect one connector (callout 7), remove two screws (callout 8), and then remove the feed motor (callout 9).

Figure 1-2392 Remove the feed motors



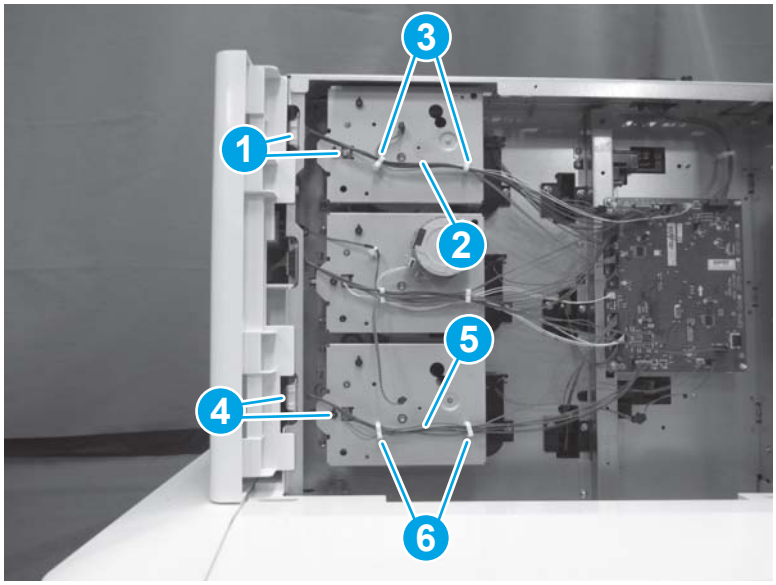
Step 3: Remove the drive assemblies (Trays 3 and 5) (3x550-sheet paper feeder with stand)

1. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Disconnect two connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

   b. **Tray 5 drive assembly**: Disconnect two connectors (callout 4), and then release the cable (callout 5) from the retainers (callout 6).

Figure 1-2393 Disconnect two connectors

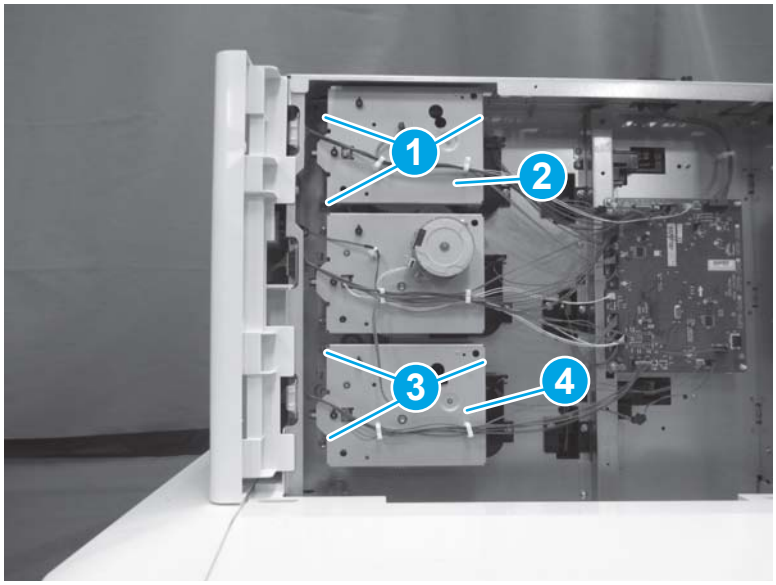


2. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Remove three screws (callout 1), and then remove the drive assembly (callout 2).

   b. **Tray 5 drive assembly**: Remove three screws (callout 3), and then remove the drive assembly (callout 4).

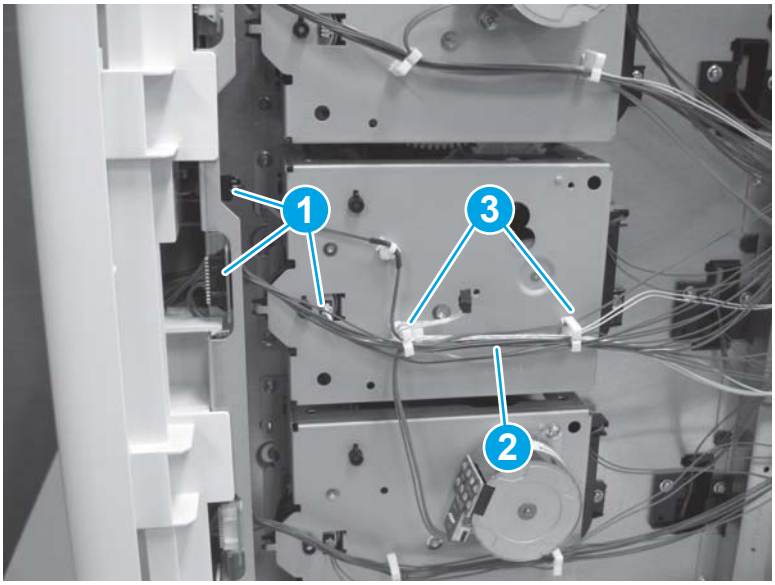
Figure 1-2394 Remove the drive assembly



Step 4: Remove the drive assembly (Tray 4) (3x550-sheet paper feeder with stand)

1. Disconnect three connectors (callout 1), and then release the cable (callout 3) from the retainers (callout 2).

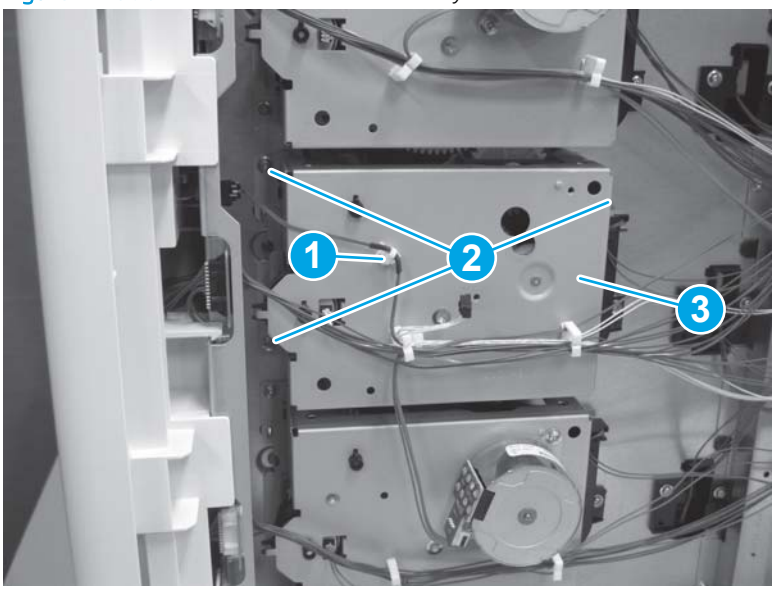
Figure 1-2395 Disconnect three connectors



2. Release the retainer (callout 1), remove three screws (callout 2), and then remove the drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

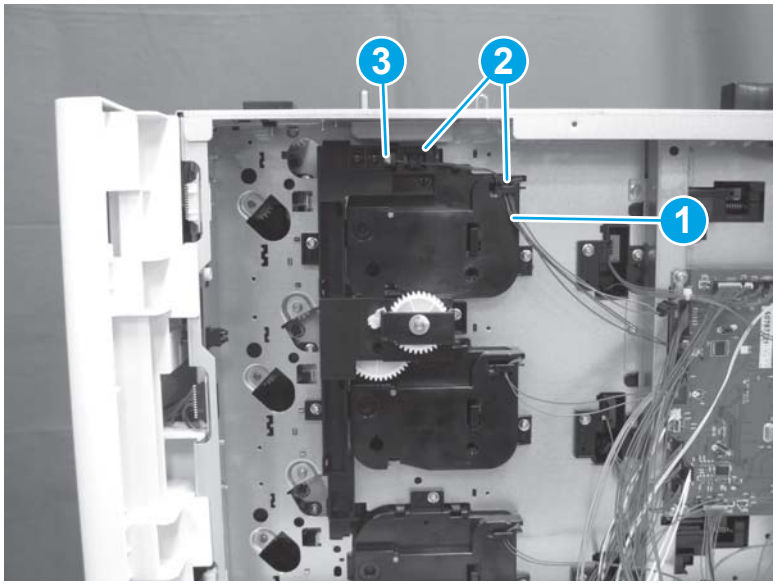
Figure 1-2396 Remove the drive assembly



Step 5: Remove the pickup alienation holder (3x550-sheet paper feeder with stand)

1. Release the cable (callout 1) from cable guides (callout 2), and then disconnect one connector (callout 3).

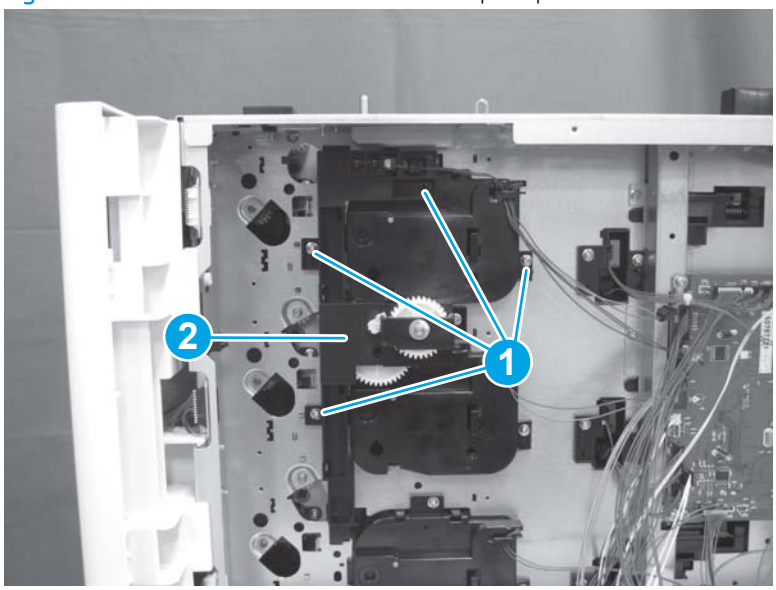
Figure 1-2397 Disconnect one connector



2. Remove four screws (callout 1), and then remove the pickup alienation holder (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2398 Remove four screws and the pickup alienation holder



Step 6: Remove the lifter drive assembly (Trays 3 and 4) (3x550-sheet paper feeder with stand)

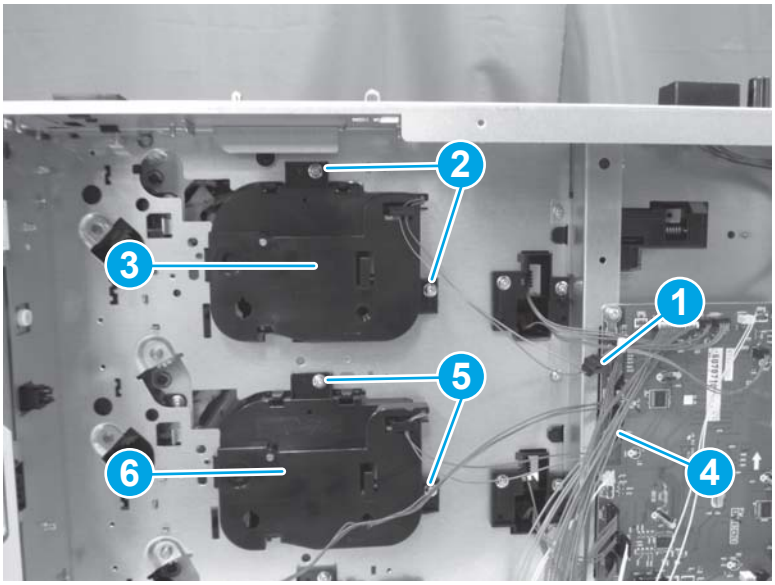
▲ Do one of the following, depending upon which lifter drive assembly you are removing:

Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 lifter drive assembly**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter drive assembly (callout 3).

b. **Tray 4 lifter drive assembly**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the lifter drive assembly (callout 6).

Figure 1-2399 Remove the lifter drive assembly assemblies



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lifter drive assembly (Tray 5) (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the feed motor (Tray 5) (3x550-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (Tray 5) (3x550-sheet paper feeder with stand)
- Step 4: Remove the lifter drive assembly (Tray 5) (3x550-sheet paper feeder with stand)
- Step 5: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lifter drive assembly for Tray 5 in the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lifter drive assembly (3x550-sheet paper feeder with stand) part number	
RM2-2091-000CN	Lifter drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

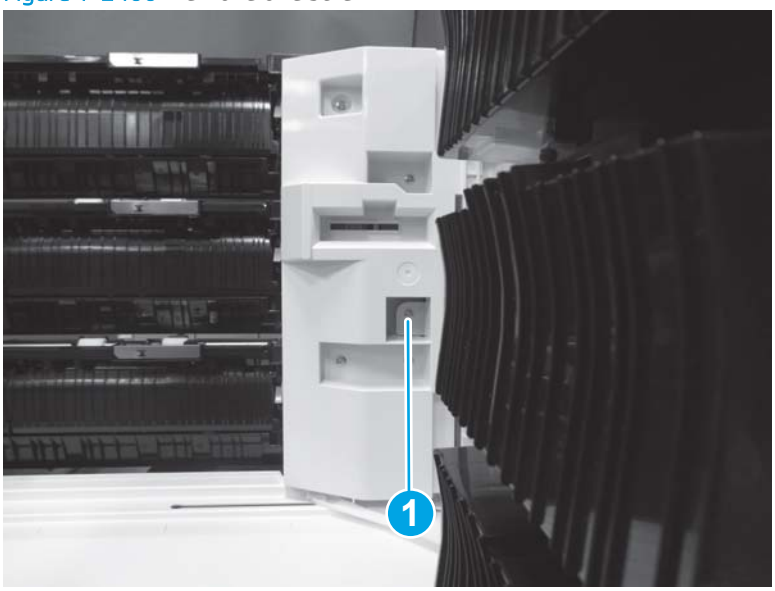
Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

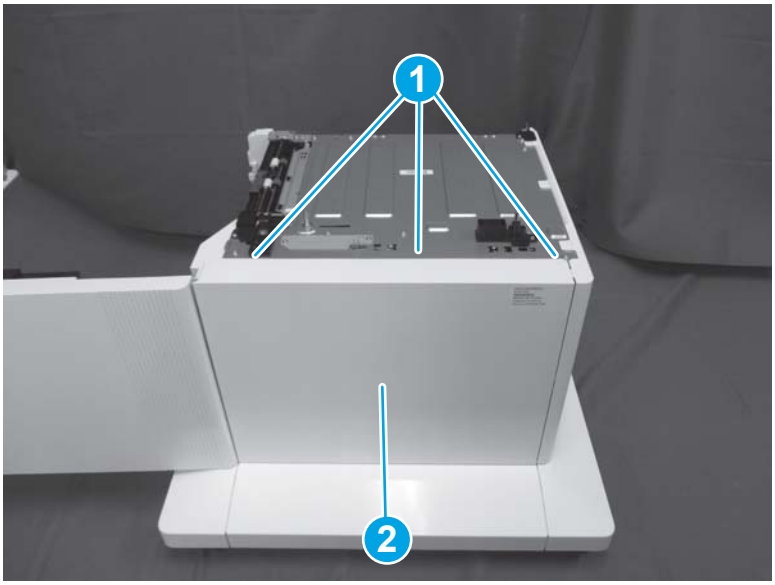
Figure 1-2400 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2401 Remove the rear cover



Step 2: Remove the feed motor (Tray 5) (3x550-sheet paper feeder with stand)

▲ Do one of the following, depending upon which feed motor you are removing:

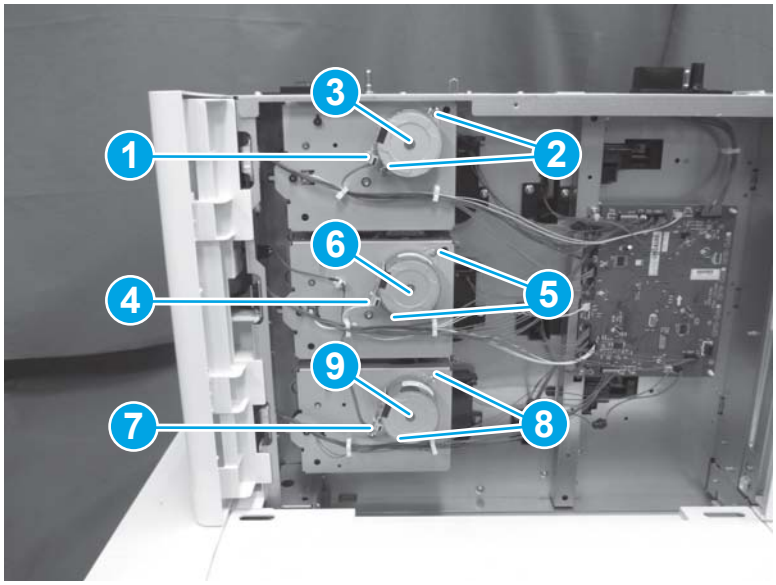
Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

c. **Tray 5 feed motor**: Disconnect one connector (callout 7), remove two screws (callout 8), and then remove the feed motor (callout 9).

Figure 1-2402 Remove the feed motors



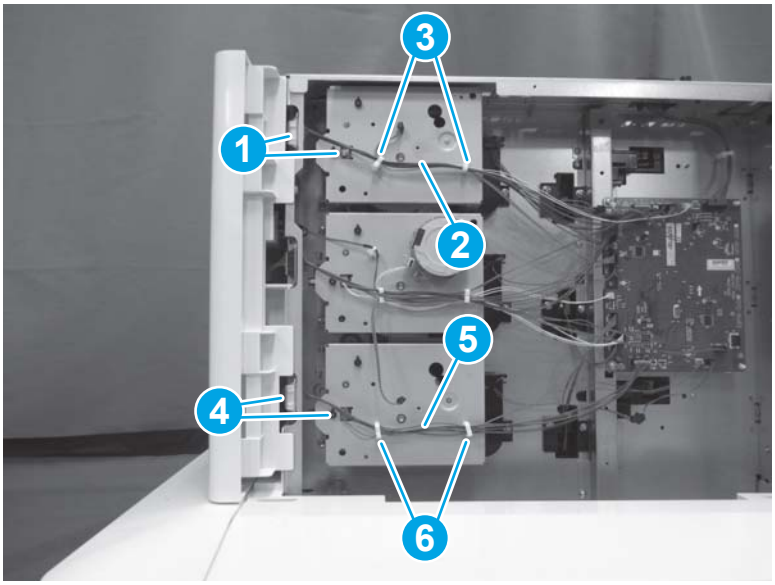
Step 3: Remove the drive assembly (Tray 5) (3x550-sheet paper feeder with stand)

1. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Disconnect two connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

   b. **Tray 5 drive assembly**: Disconnect two connectors (callout 4), and then release the cable (callout 5) from the retainers (callout 6).

Figure 1-2403 Disconnect two connectors

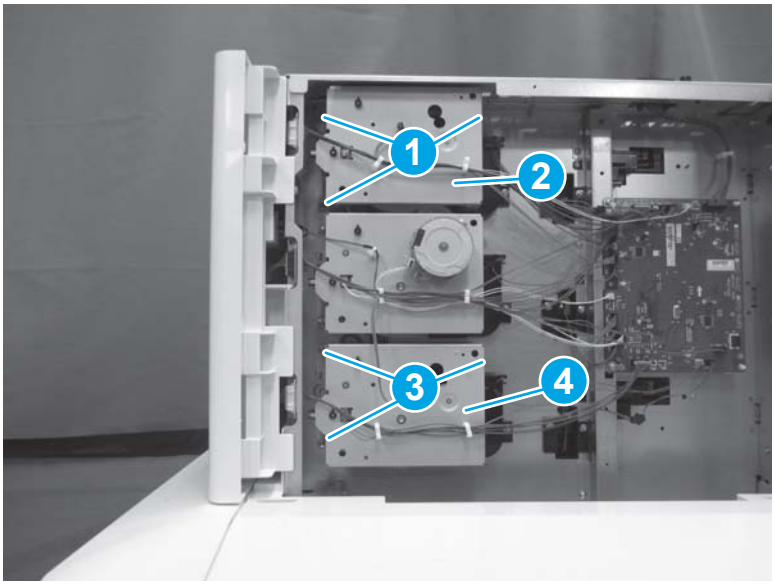


2. Do one of the following, depending upon which drive assembly you are removing:

   a. **Tray 3 drive assembly**: Remove three screws (callout 1), and then remove the drive assembly (callout 2).

   b. **Tray 5 drive assembly**: Remove three screws (callout 3), and then remove the drive assembly (callout 4).

Figure 1-2404 Remove the drive assembly

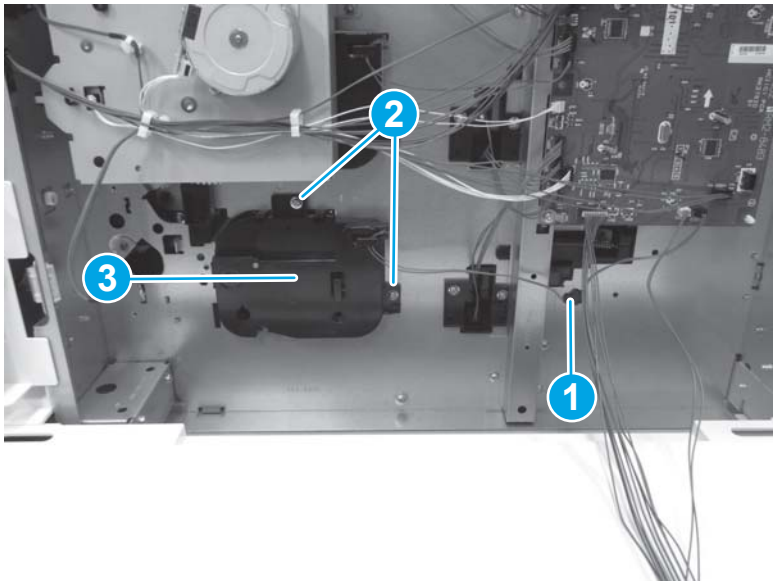


Step 4: Remove the lifter drive assembly (Tray 5) (3x550-sheet paper feeder with stand)

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2405 Remove three screws and the lifter drive assembly



Step 5: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Controller PCA (3x550-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)
- Step 2: Remove the controller PCA (3x550-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the controller PCA for the 3x550-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Controller PCA (3x550-sheet paper feeder with stand) part number	
RM2-8483-000CN	Paper deck controller PCB assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

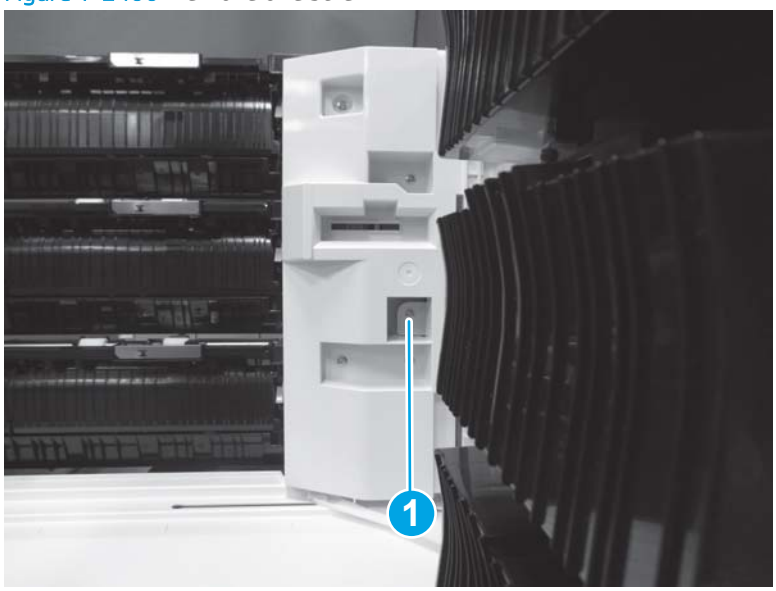
Send a print job from the host computer to the 3x550-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (3x550-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

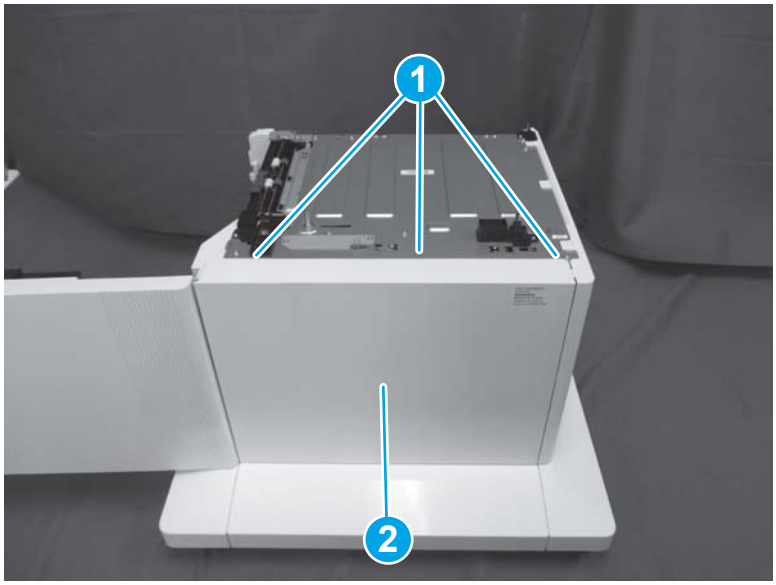
Figure 1-2406 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2407 Remove the rear cover

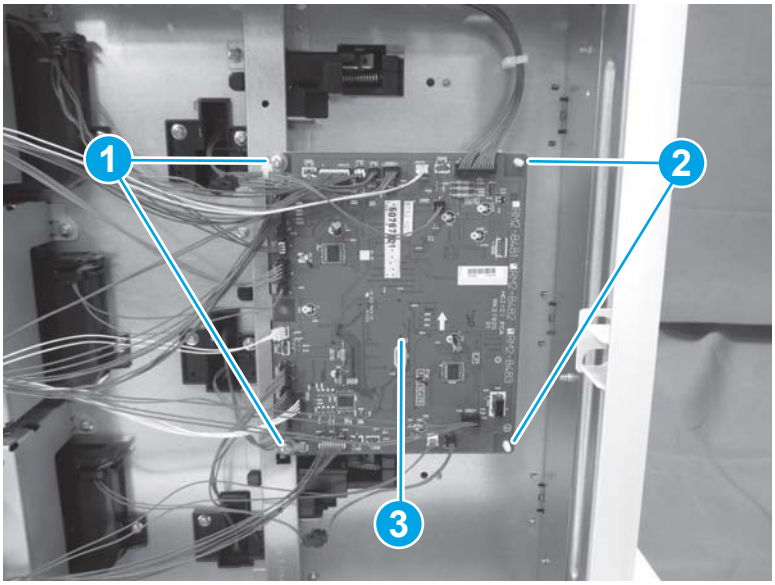


Step 2: Remove the controller PCA (3x550-sheet paper feeder with stand)

▲ Disconnect all of the connectors on the controller PCA. Remove two screws (callout 1), release two tabs (callout 2), and then remove the controller PCA (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2408 Remove the controller PCA



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: 2,550-sheet paper feeder with stand

- Removal and replacement: Left cover (2,500-sheet paper feeder with stand)
- Removal and replacement: Right door link (2,500-sheet paper feeder with stand)
- Removal and replacement: Right door (2,500-sheet paper feeder with stand)
- Removal and replacement: Rear cover (2,500-sheet paper feeder with stand)
- Removal and replacement: Left lower cover (2,500-sheet paper feeder with stand)
- Removal and replacement: Right lower cover (2,500-sheet paper feeder with stand)
- Removal and replacement: Rear lower cover (2,500-sheet paper feeder with stand)
- Removal and replacement: Right door switch (2,500-sheet paper feeder with stand)
- Removal and replacement: Size sensor (Tray 3) (2,500-sheet paper feeder with stand)
- Removal and replacement: Size sensor (Tray 4) (2,500-sheet paper feeder with stand)
- Removal and replacement: Drawer connector holder and cable assembly (2,500-sheet paper feeder with stand)
- Removal and replacement: Auto-close assembly (Tray 3) (2,500-sheet paper feeder with stand)
- Removal and replacement: Auto-close assembly (Tray 4) (2,500-sheet paper feeder with stand)
- Removal and replacement: Paper pickup assemblies (2,500-sheet paper feeder with stand)
- Removal and replacement: Tray lifter motor drive assembly (2,500-sheet paper feeder with stand)
- Removal and replacement: Feed motors (2,500-sheet paper feeder with stand)
- Removal and replacement: Drive assembly (Tray 3) (2,500-sheet paper feeder with stand)
- Removal and replacement: Drive assembly (Tray 4) (2,500-sheet paper feeder with stand)
- Removal and replacement: Pickup alienation holder (2,500-sheet paper feeder with stand)
- Removal and replacement: Lifter drive assembly (2,500-sheet paper feeder with stand)
- Removal and replacement: Controller PCA (2,500-sheet paper feeder with stand)

Removal and replacement: Left cover (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the left cover (2,500-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left cover on the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left cover (2,500-sheet paper feeder with stand) part number	
RC5-0387-000CN	Cover, left

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

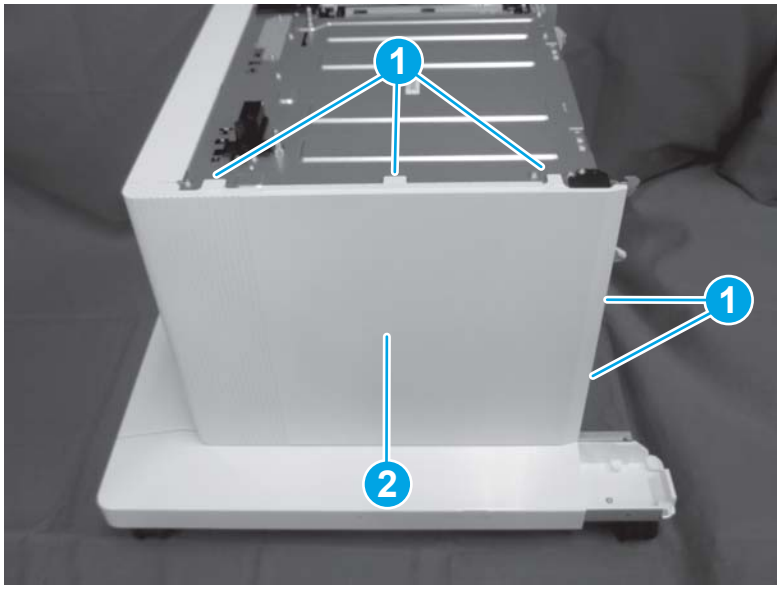
No post service test is available for this assembly.

Step 1: Remove the left cover (2,500-sheet paper feeder with stand)

▲ Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2409 Remove the left cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door link (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door link
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the link on the right door on the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door link (2,500-sheet paper feeder with stand) part number	
RC4-9824-000CN	Link, door

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

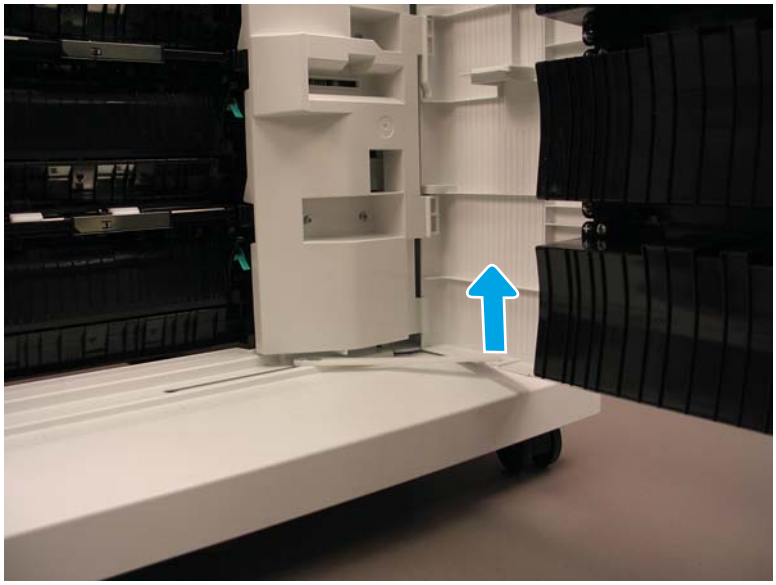
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door link

1. Lift the end of the link arm up and out of the right door.

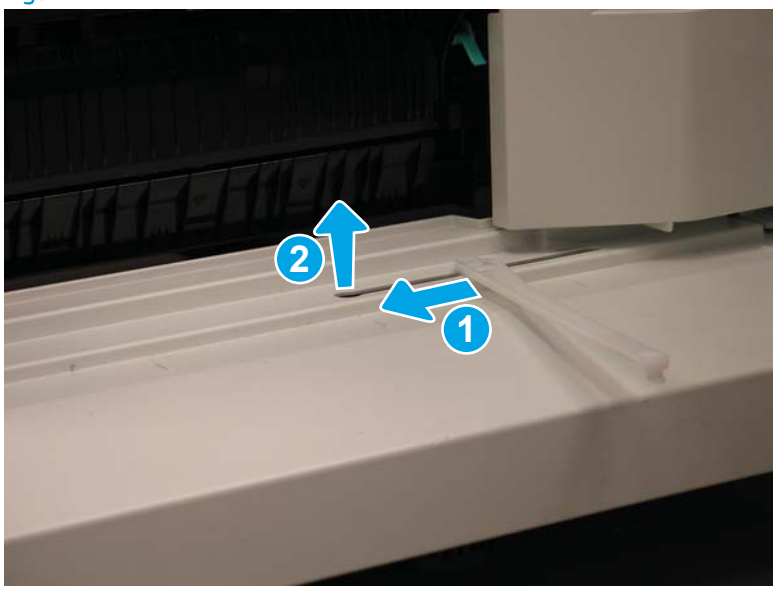
Figure 1-2410 Lift the link arm end



2. Slide the end of the link arm on the paper feeder stand to the left, all the way to the end of the slot (callout 1). Lift the link arm up (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2411 Remove the link arm



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door link arm (2,500-sheet paper feeder with stand)
- Step 2: Remove the right door (2,500-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door on the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door (2,500-sheet paper feeder with stand) part number	
RM2-1218-000CN	Right door assembly

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

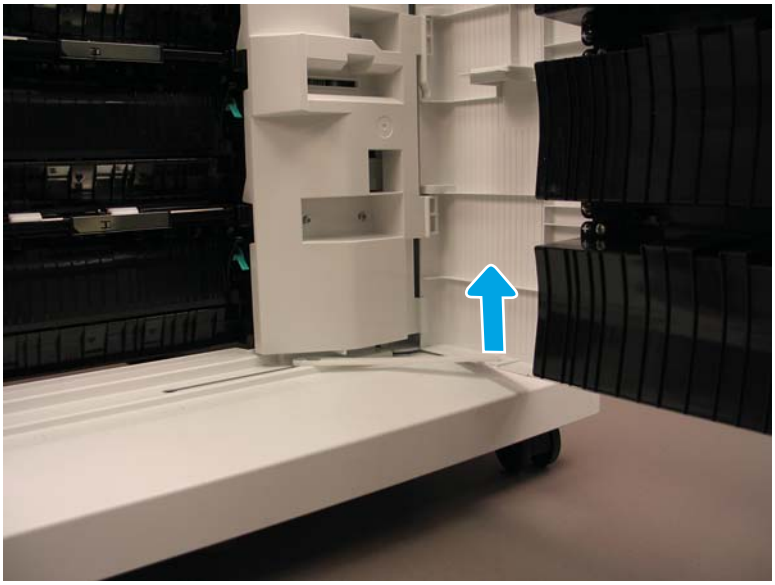
Post service test

No post service test is available for this assembly.

Step 1: Remove the right door link arm (2,500-sheet paper feeder with stand)

1. Lift the end of the link arm up and out of the right door.

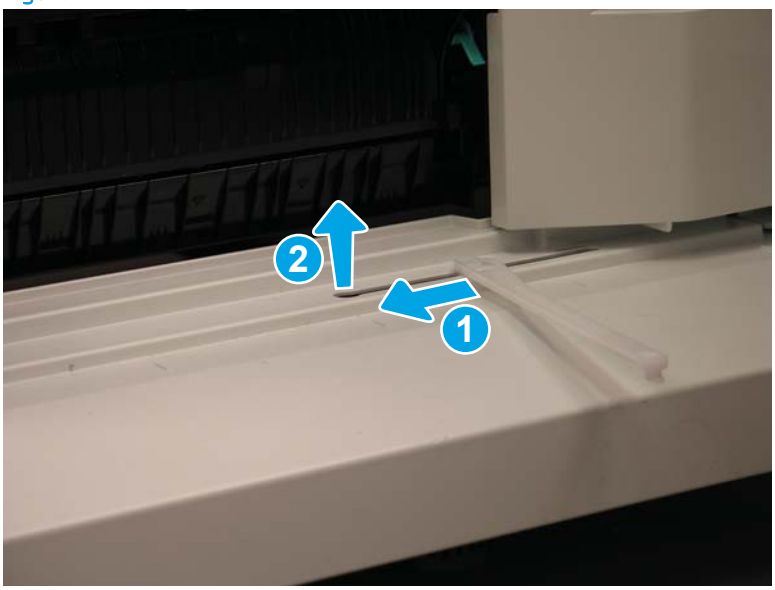
Figure 1-2412 Lift the link arm end



2. Slide the end of the link arm on the paper feeder stand to the left, all the way to the end of the slot (callout 1). Lift the link arm up (callout 2) to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2413 Remove the link arm

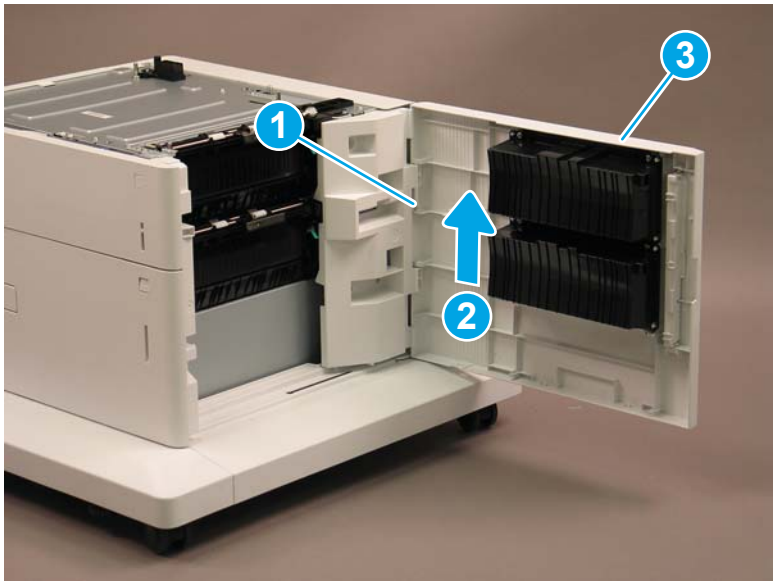


Step 2: Remove the right door (2,500-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2414 Remove the right door



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear cover (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear cover on the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear cover (2,500-sheet paper feeder with stand) part number	
RC5-0386-000CN	Cover, rear

Required tools

- No special tools are needed to remove or install this assembly.

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

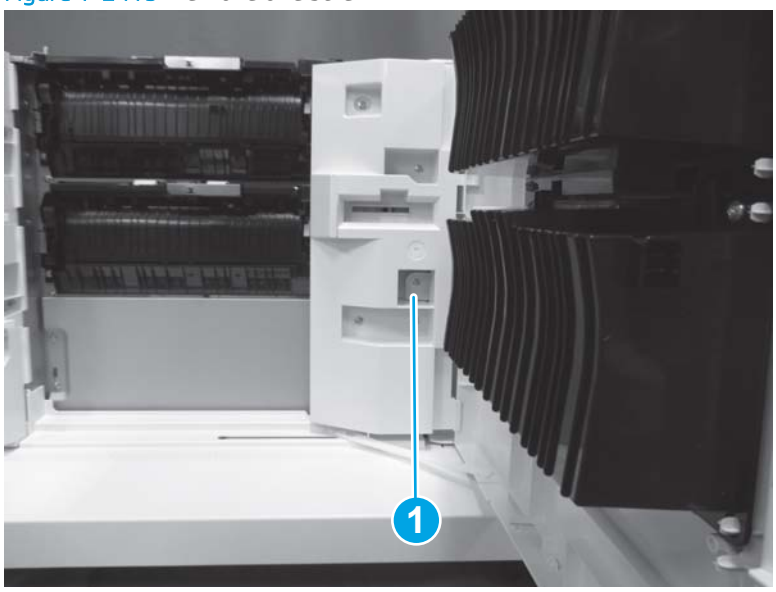
No post service test is available for this assembly.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

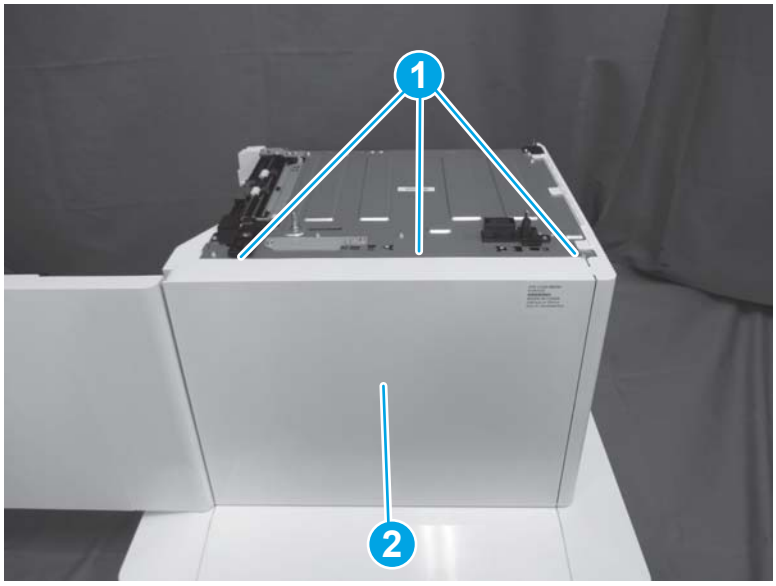
Figure 1-2415 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2416 Remove the rear cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Left lower cover (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove Tray 4
- Step 2: Remove the left cover (2,500-sheet paper feeder with stand)
- Step 3: Remove the left lower cover (2,500-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the left lower cover on the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Left lower cover (2,500-sheet paper feeder with stand) part number	
RC5-0385-000	Cover, left lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

No post service test is available for this assembly.

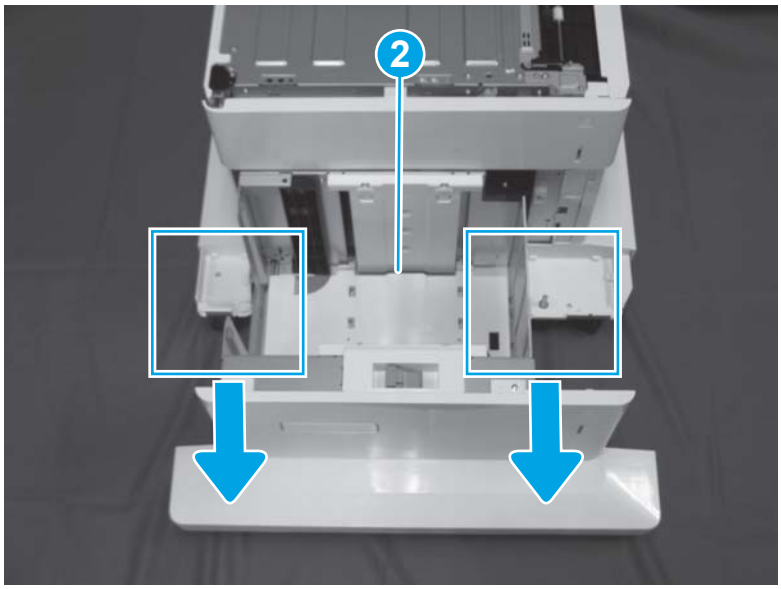
Step 1: Remove Tray 4

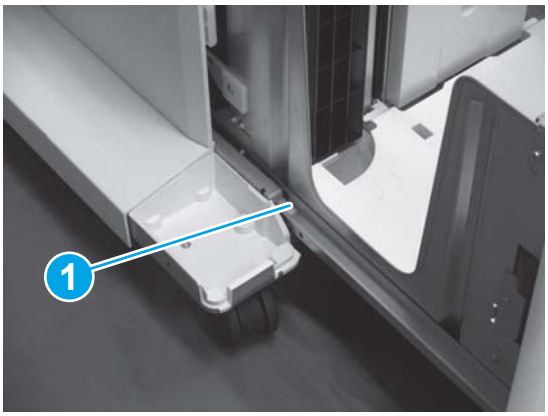
1. Open Tray 4.

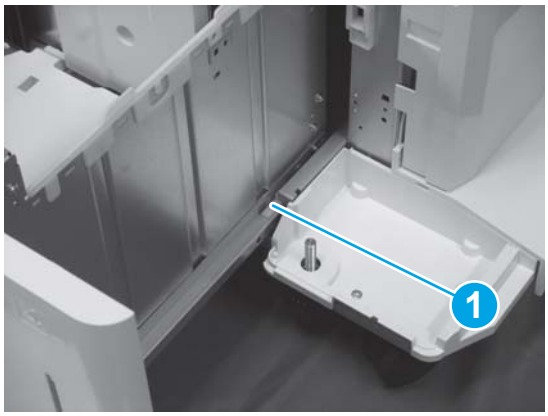
2. Press the right and left release levers at the base of the tray (callout 1), and then pull Tray 4 (callout 2) away from the feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2417 Remove Tray 4





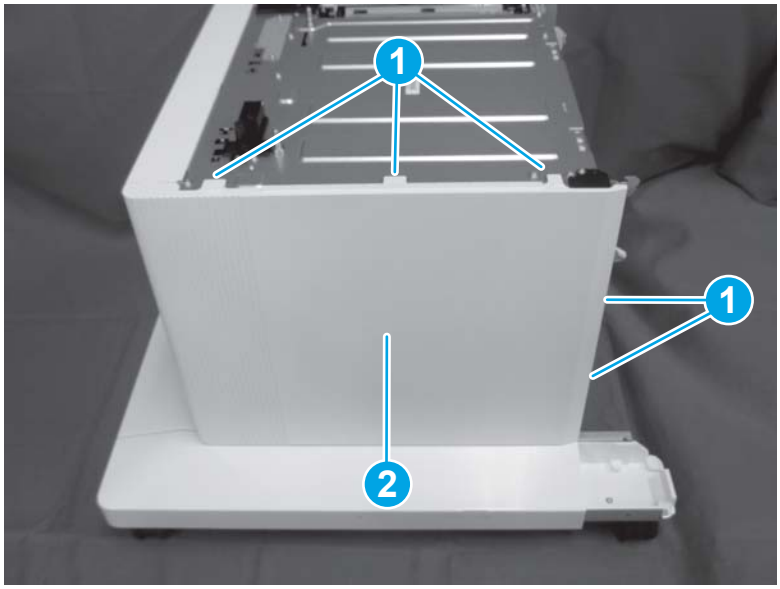


Step 2: Remove the left cover (2,500-sheet paper feeder with stand)

▲ Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2418 Remove the left cover

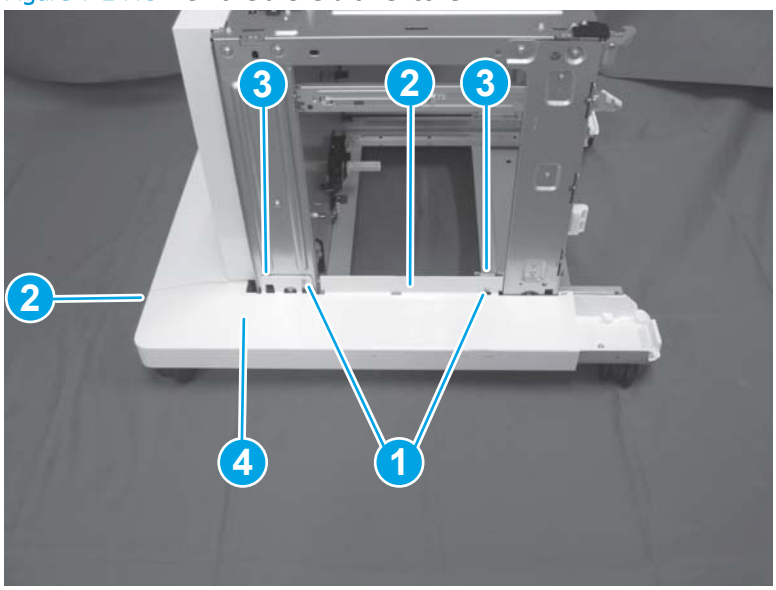


Step 3: Remove the left lower cover (2,500-sheet paper feeder with stand)

▲ Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2419 Remove the left lower cover



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right lower cover (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the right door (2,500-sheet paper feeder with stand)
- Step 3: Remove the right lower cover
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right lower cover for the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right lower cover (2,500-sheet paper feeder with stand) part number	
RC5-0384-000CN	Cover, right lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

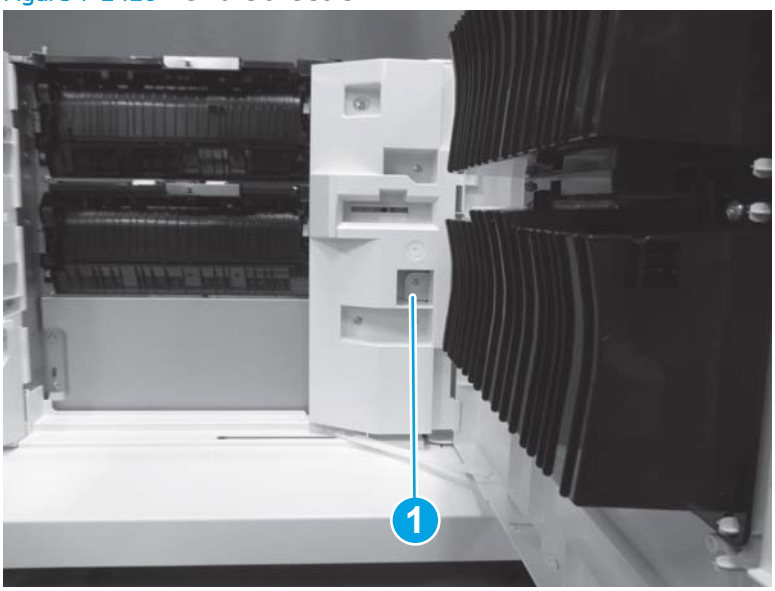
No post service test is available for this assembly.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

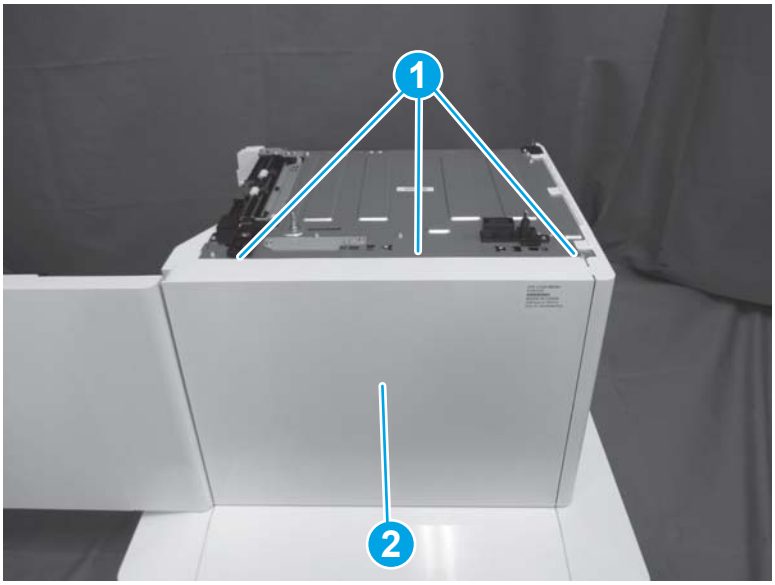
Figure 1-2420 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2421 Remove the rear cover

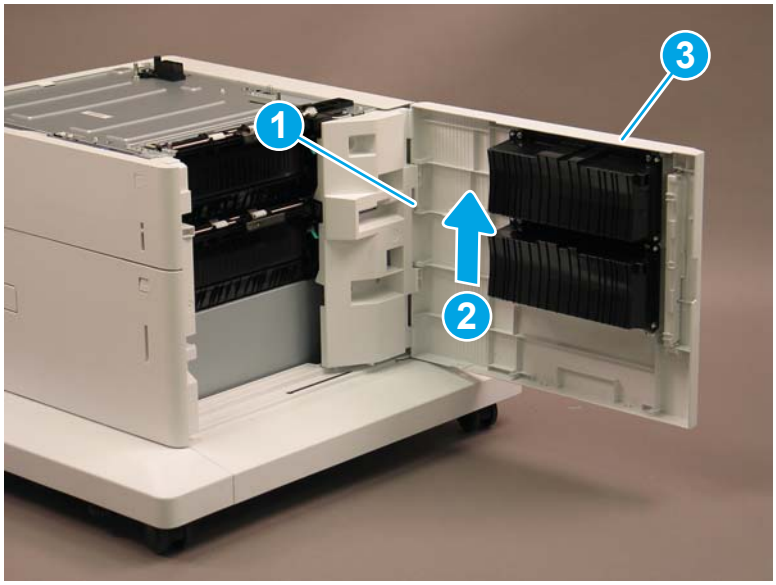


Step 2: Remove the right door (2,500-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

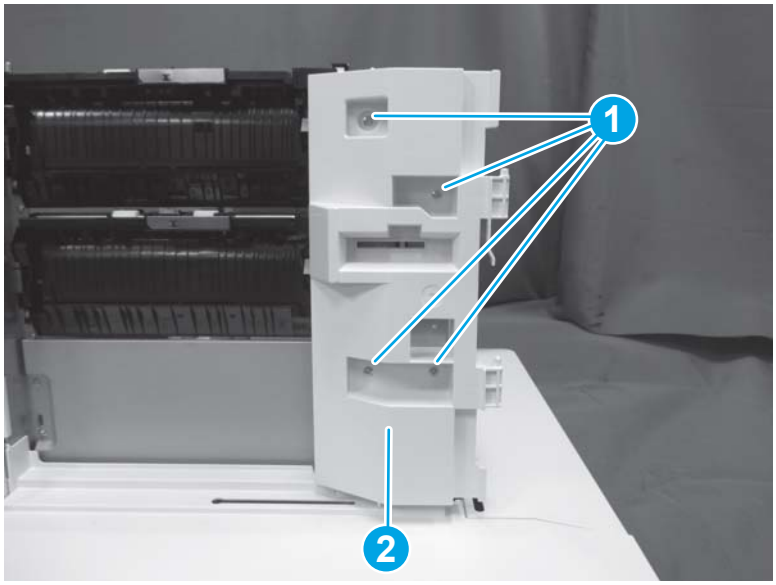
Figure 1-2422 Remove the right door



Step 3: Remove the right lower cover

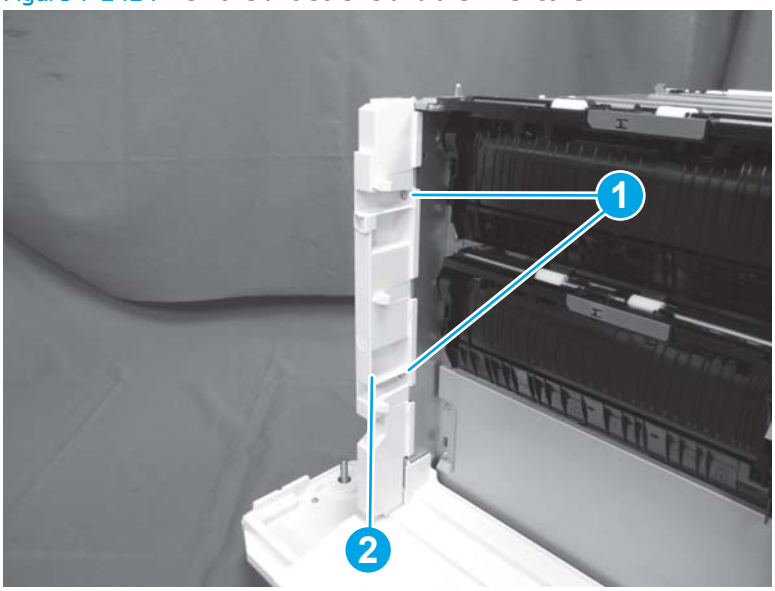
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2423 Remove four screws and the hinge



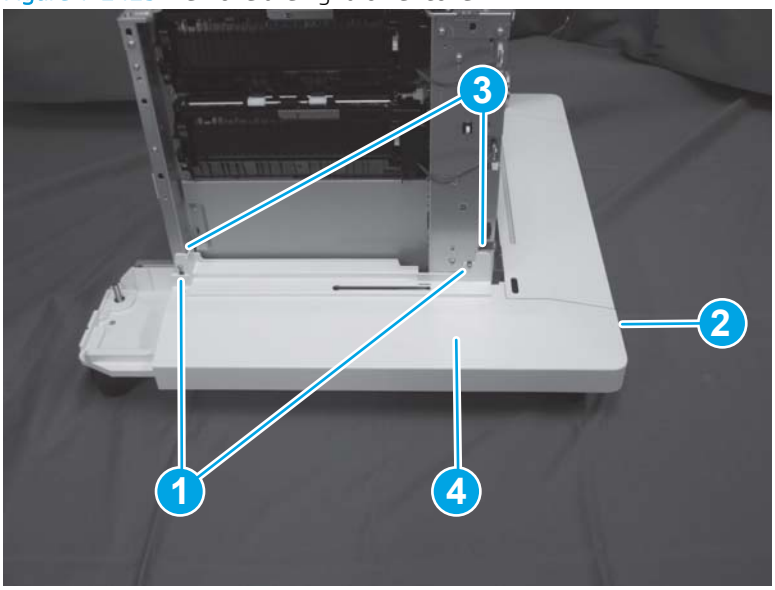
2. Remove two screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2424 Remove two screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

Figure 1-2425 Remove the right lower cover



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Rear lower cover (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the right door (2,500-sheet paper feeder with stand)
- Step 3: Remove the left cover (2,500-sheet paper feeder with stand)
- Step 4: Remove the left lower cover (2,500-sheet paper feeder with stand)
- Step 5: Remove the right lower cover (2,500-sheet paper feeder with stand)
- Step 6: Remove the rear lower cover
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the rear lower cover for the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Rear lower cover (2,500-sheet paper feeder with stand) part number	
RC5-0399-000CN	Cover, rear lower

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

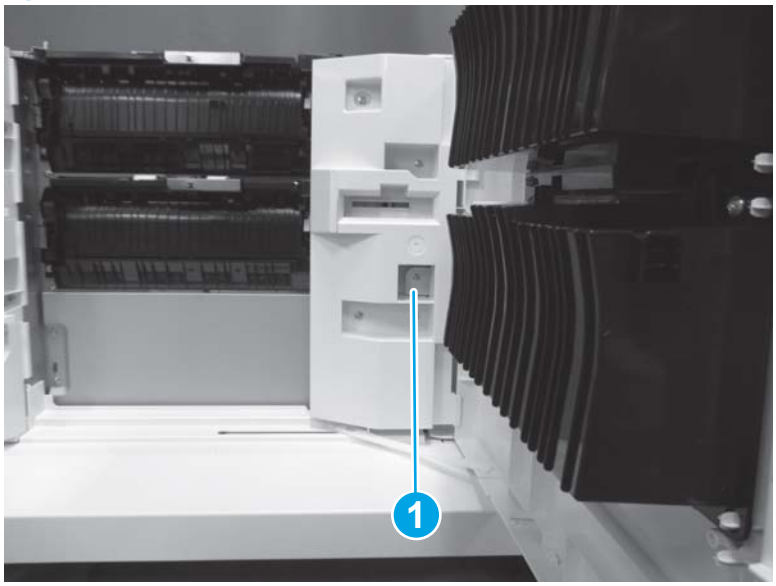
Post service test

No post service test is available for this assembly.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

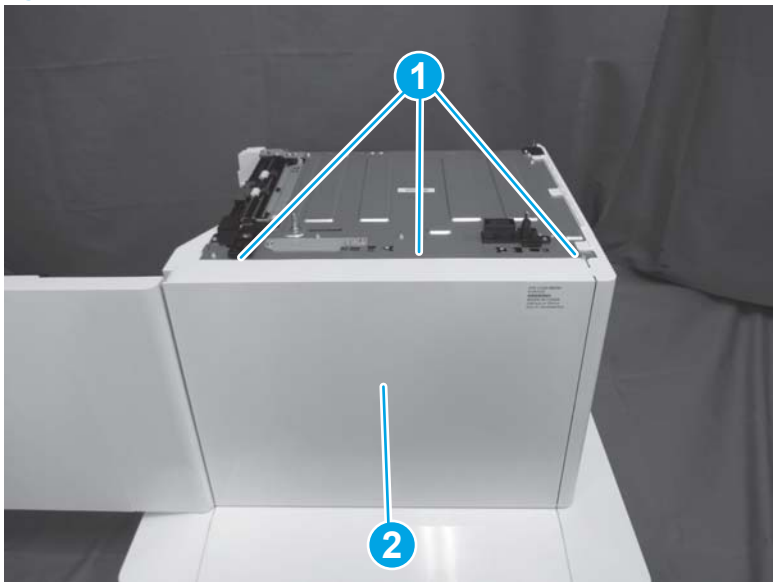
Figure 1-2426 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2427 Remove the rear cover

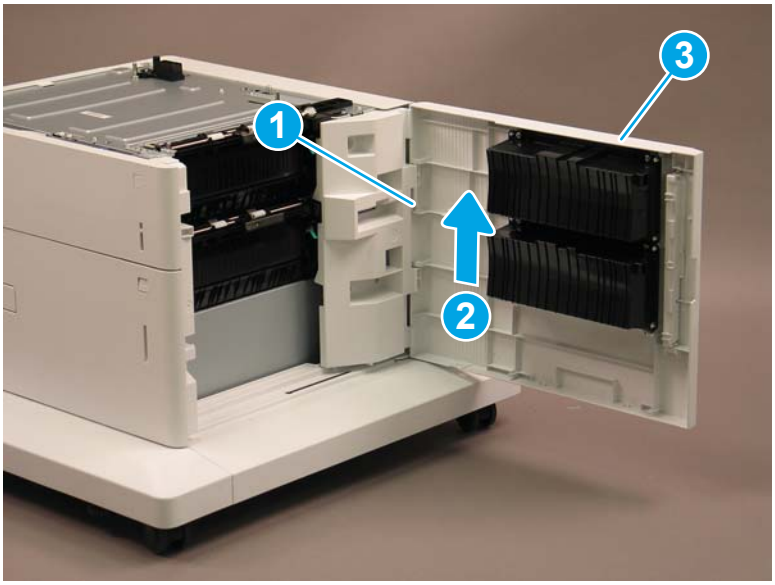


Step 2: Remove the right door (2,500-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2428 Remove the right door

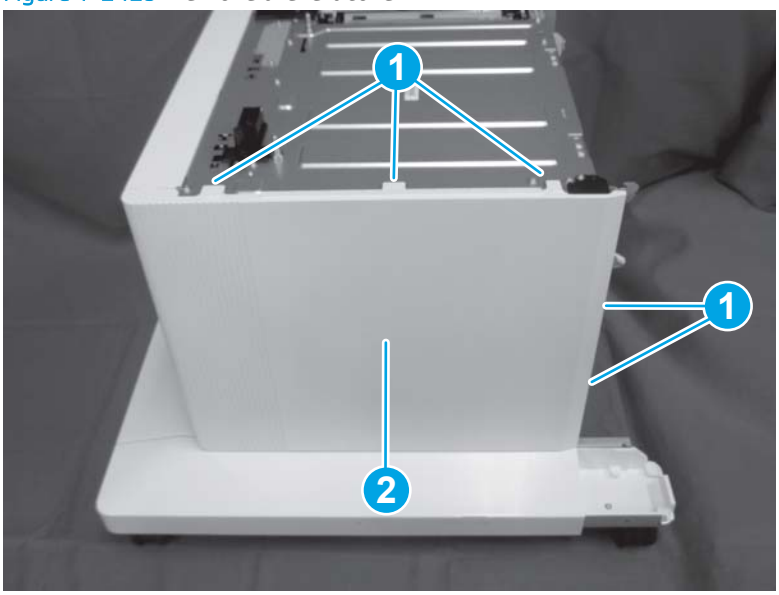


Step 3: Remove the left cover (2,500-sheet paper feeder with stand)

- Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2429 Remove the left cover

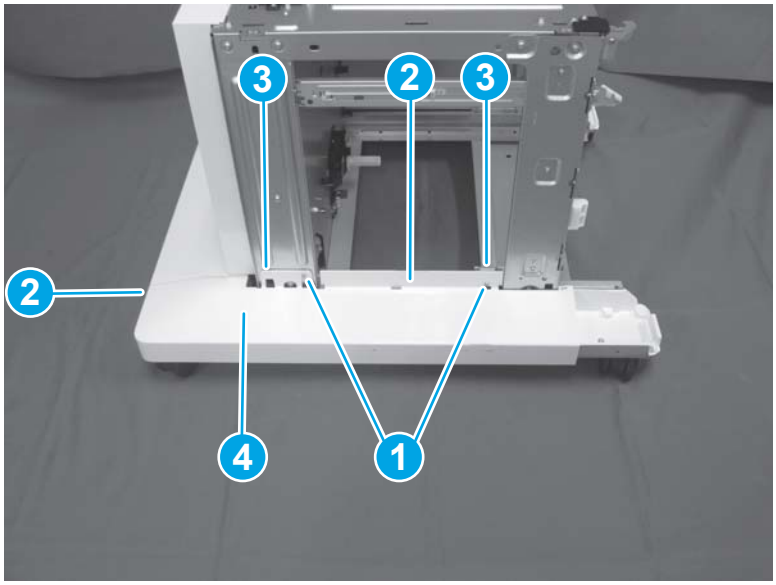


Step 4: Remove the left lower cover (2,500-sheet paper feeder with stand)

- Remove two screws (callout 1), and then release two tabs (callout 2). Release two bosses (callout 3), and then remove the left lower cover (callout 4).

Reinstallation tip: Reverse the removal steps to install the assembly.

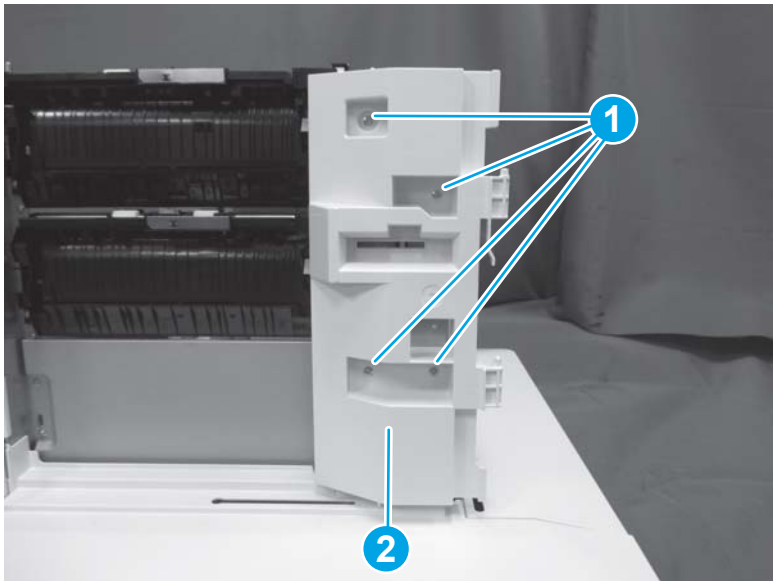
Figure 1-2430 Remove the left lower cover



Step 5: Remove the right lower cover (2,500-sheet paper feeder with stand)

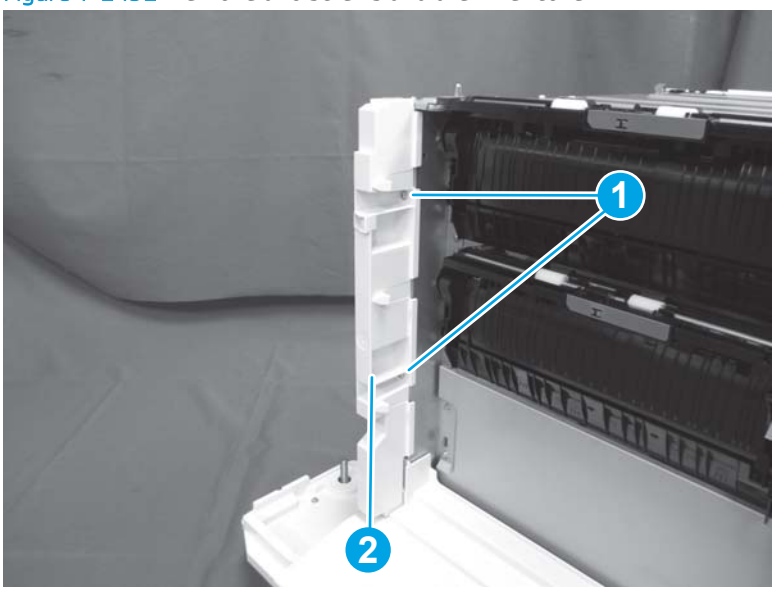
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2431 Remove four screws and the hinge



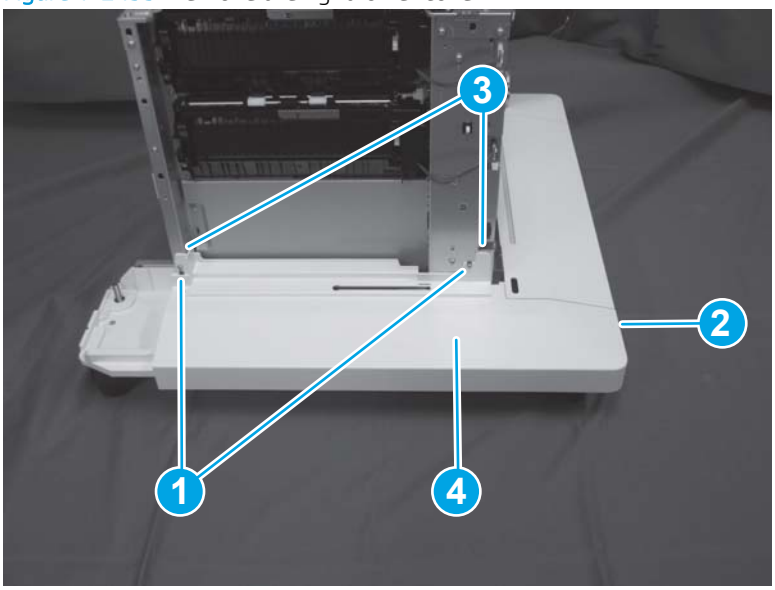
2. Remove two screws (callout 1), and then remove the inner cover (callout 2).

Figure 1-2432 Remove two screws and the inner cover



3. Remove two screws (callout 1), and then release one tab (callout 2). Release two bosses (callout 3), and then remove the right lower cover (callout 4).

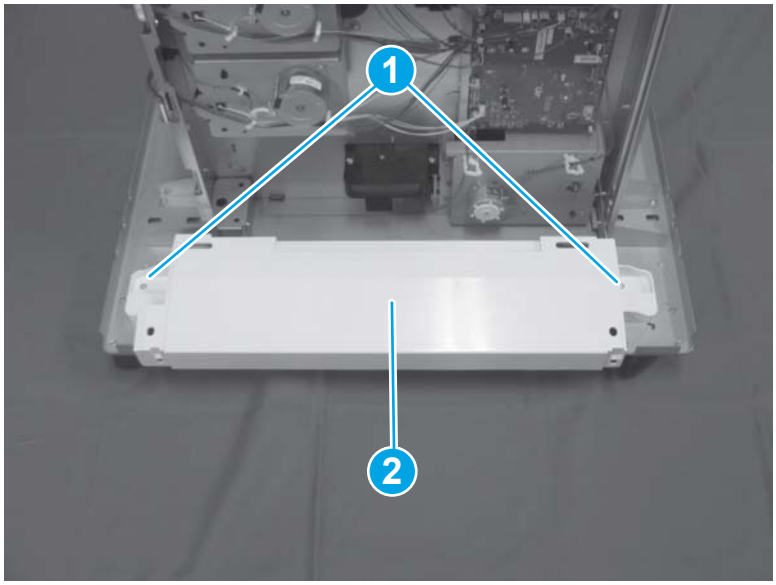
Figure 1-2433 Remove the right lower cover



Step 6: Remove the rear lower cover

▲ Remove two screws (callout 1), and then remove the rear lower cover (callout 2).

Figure 1-2434 Remove the rear lower cover



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Right door switch (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the right door (2,500-sheet paper feeder with stand)
- Step 3: Remove the right door switch (2,500-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the right door switch on the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Right door switch (2,500-sheet paper feeder with stand) part number	
WC2-5803-000CN	Switch, push

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

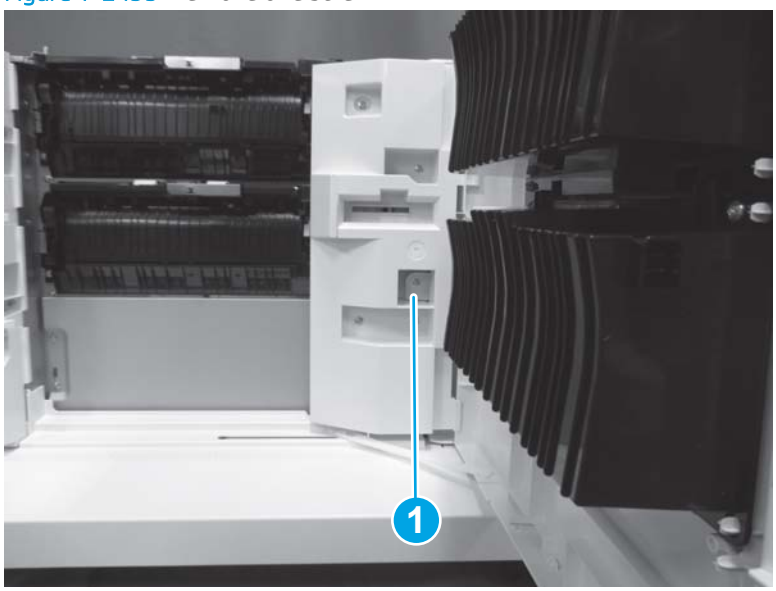
Close the right door. Verify that no door-open messages display on the control panel.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

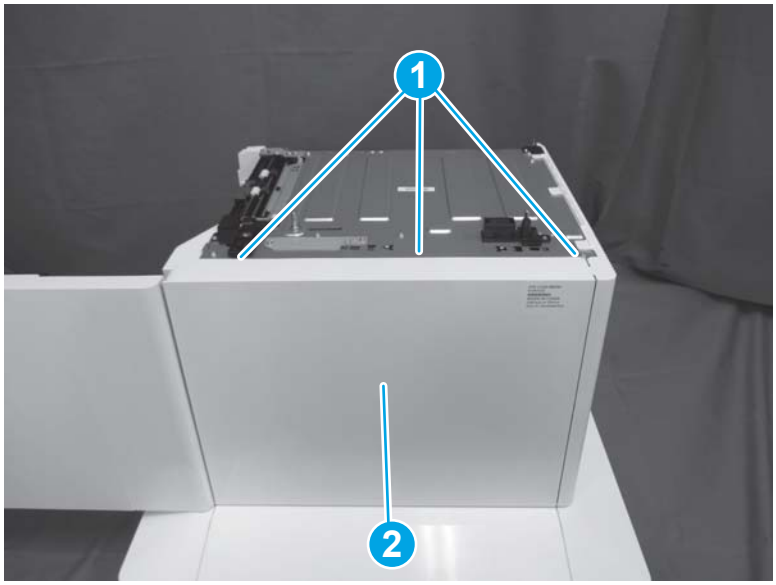
Figure 1-2435 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2436 Remove the rear cover

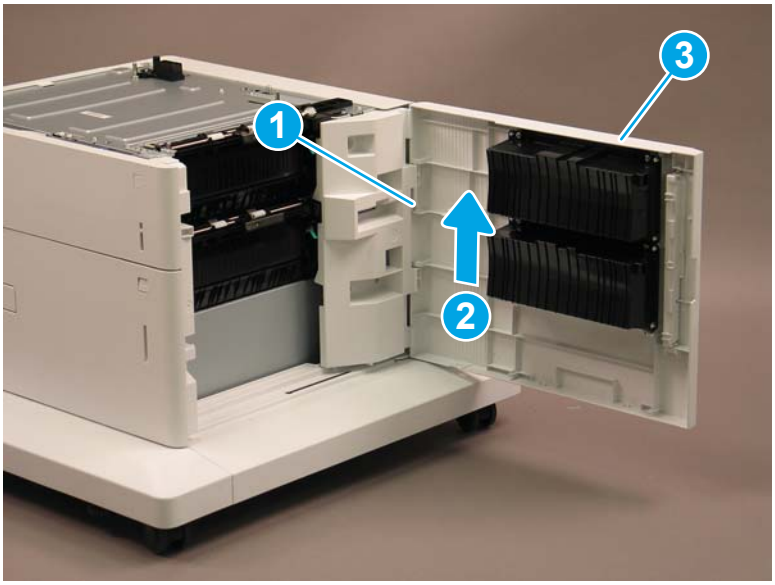


Step 2: Remove the right door (2,500-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

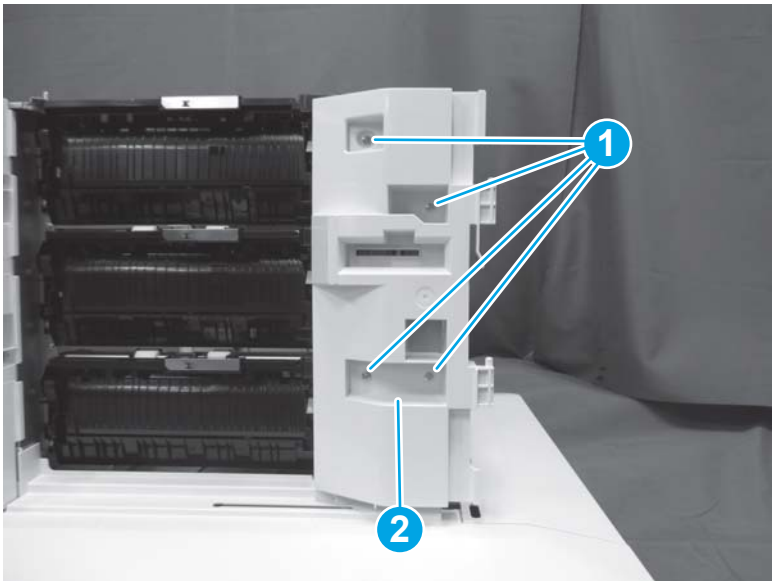
Figure 1-2437 Remove the right door



Step 3: Remove the right door switch (2,500-sheet paper feeder with stand)

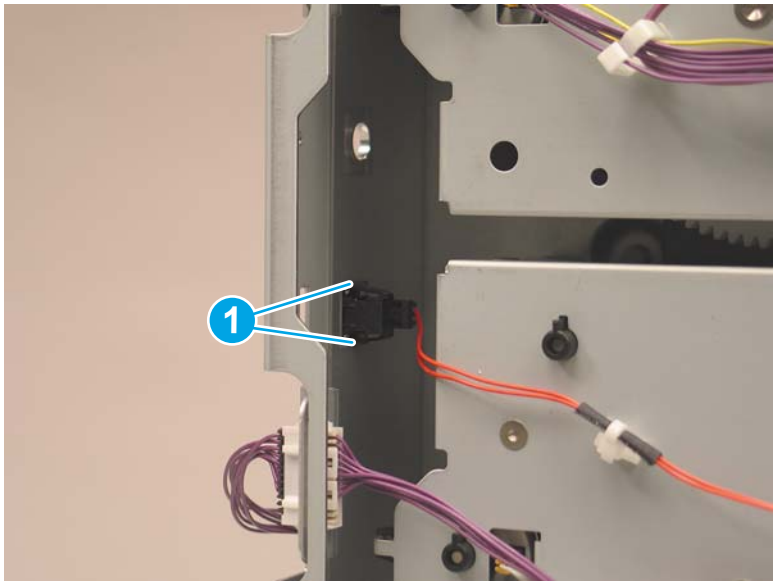
1. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2438 Remove four screws and the hinge



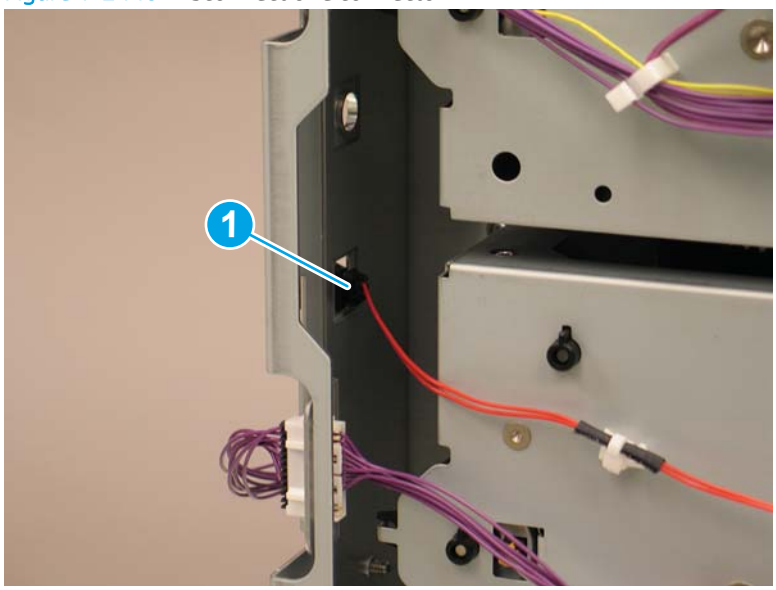
2. At the back of the paper feeder, release two tabs (callout 1) and release the switch through the opening in the sheet metal.

Figure 1-2439 Release two tabs



3. Disconnect one connector (callout 1), and then remove the right door switch.

Figure 1-2440 Disconnect one connector



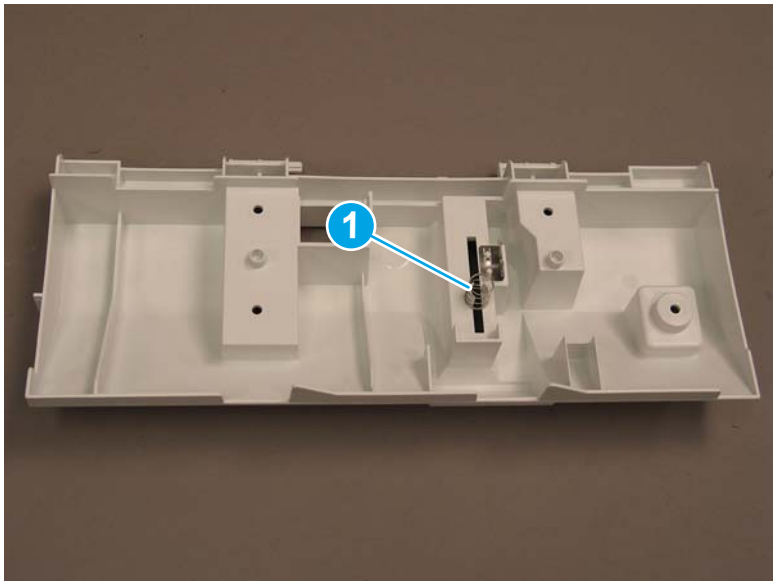
4. Reverse the removal steps to install the assembly. Also use the following special installation instructions.

NOTE: Continue to reverse the removal steps to finis installing the assembly.

Special installation instructions: Right door switch

- Before reinstalling the hinge, make sure that the spring (callout 1) on the back of the part is in the correct position.

Figure 1-2441 Check spring position



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Size sensor (Tray 3) (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the size sensor (Tray 3)(2,500-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the size sensor on Tray 3 of the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Size sensor (Tray 3) (2,500-sheet paper feeder with stand) part number	
RM2-0857-000CN	Size sensor assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

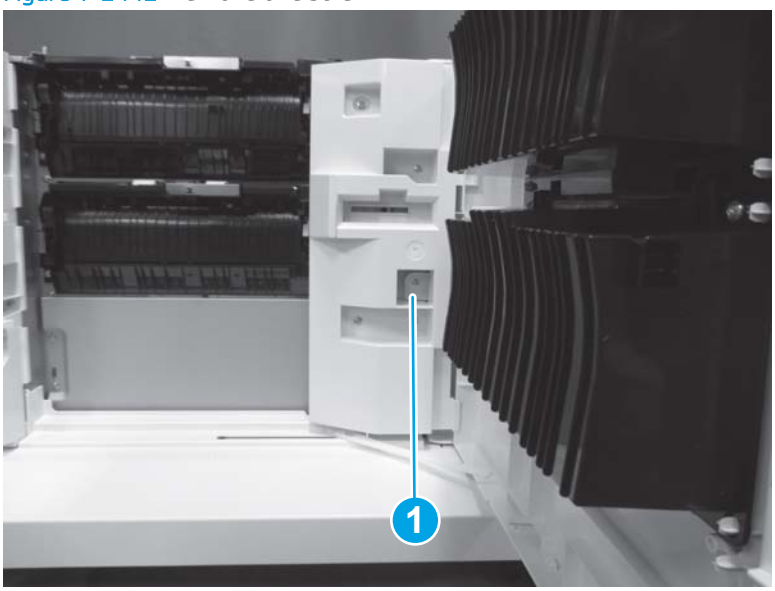
Install the paper tray and verify that the printer detects the correct size of paper in the tray.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

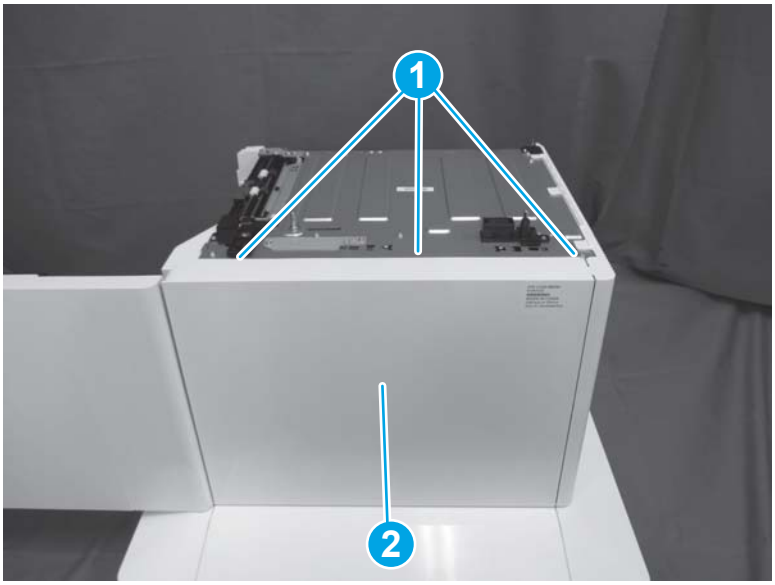
Figure 1-2442 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2443 Remove the rear cover

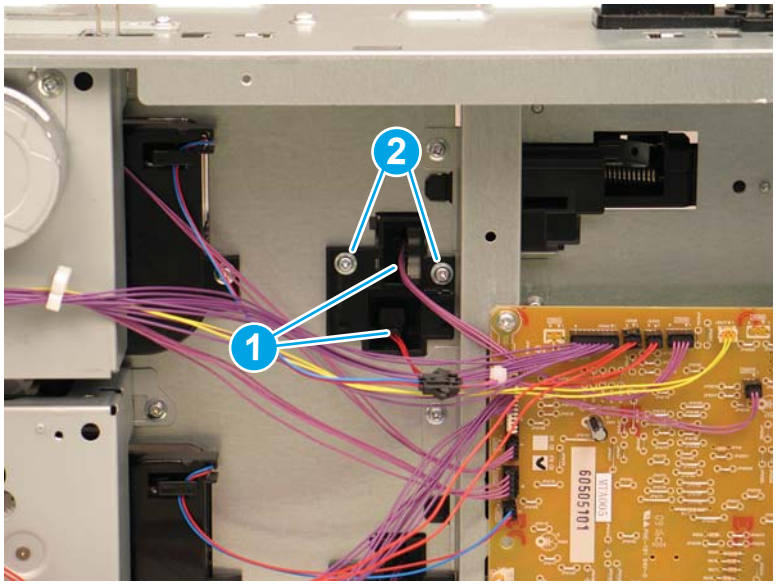


Step 2: Remove the size sensor (Tray 3)(2,500-sheet paper feeder with stand)

1. Remove Tray 3.

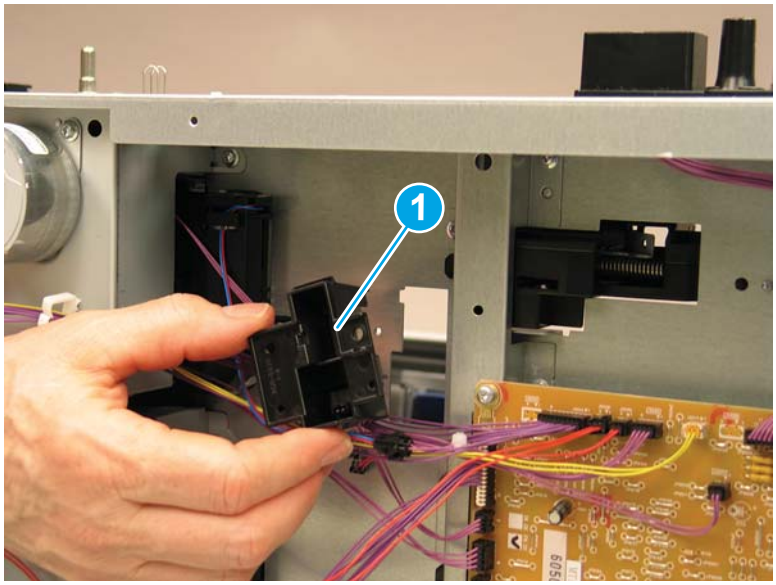
2. At the back of the feeder, disconnect two connectors (callout 1), and then remove two screws (callout 2).

Figure 1-2444 Disconnect two connectors and remove two screws



3. Remove the size sensor (callout 1).

Figure 1-2445 Remove the size sensor



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Size sensor (Tray 4) (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove Tray 4 (2,500-sheet paper feeder with stand)
- Step 2: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 3: Remove the size sensor (Tray 4)(2,500-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the size sensor on Tray 4 of the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Size sensor (Tray 4) (2,500-sheet paper feeder with stand) part number	
RM2-0921-000CN	Size sensor assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

Install the Tray 4 and verify that the printer detects the correct size of paper in the tray.

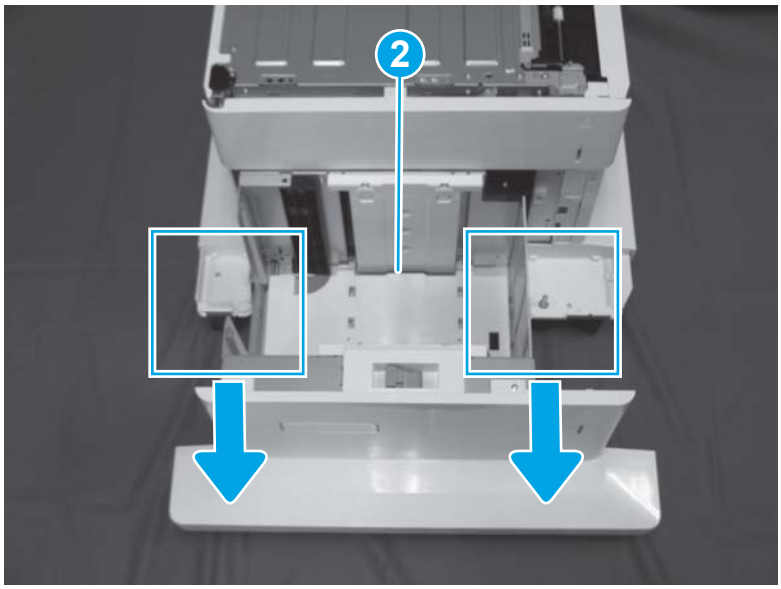
Step 1: Remove Tray 4 (2,500-sheet paper feeder with stand)

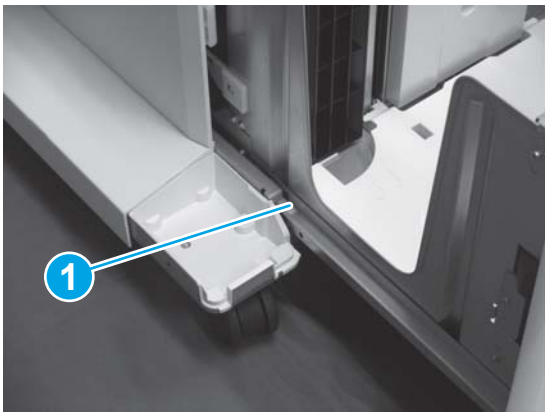
1. Open Tray 4.

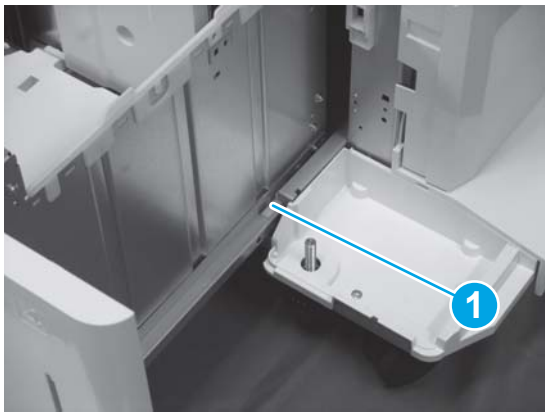
2. Press the right and left release levers at the base of the tray (callout 1), and then pull Tray 4 (callout 2) away from the feeder to remove it.

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2446 Remove Tray 4





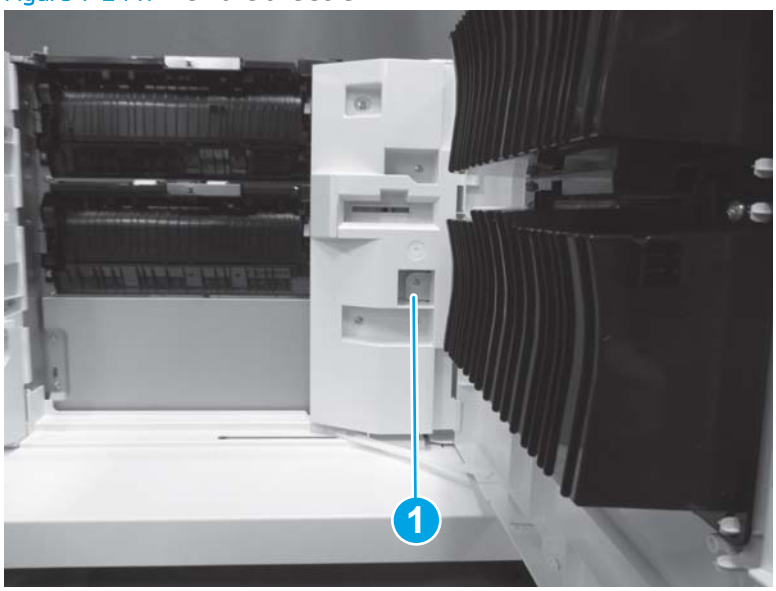


Step 2: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

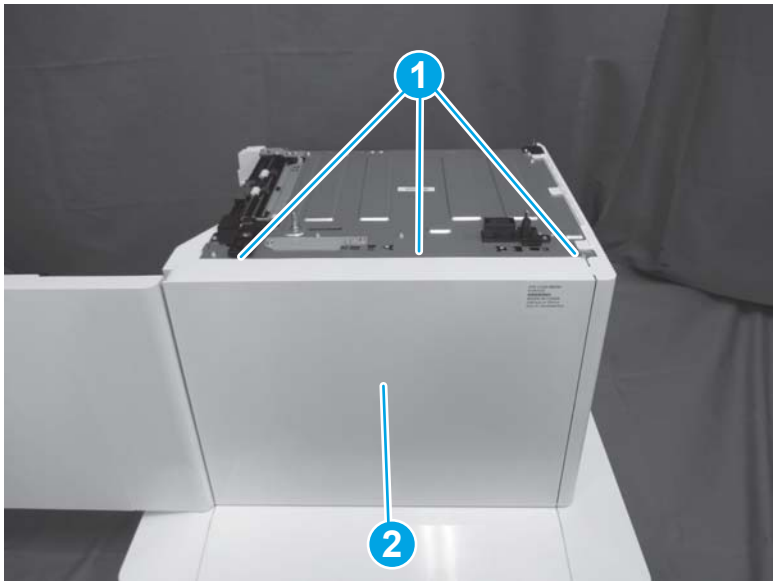
Figure 1-2447 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

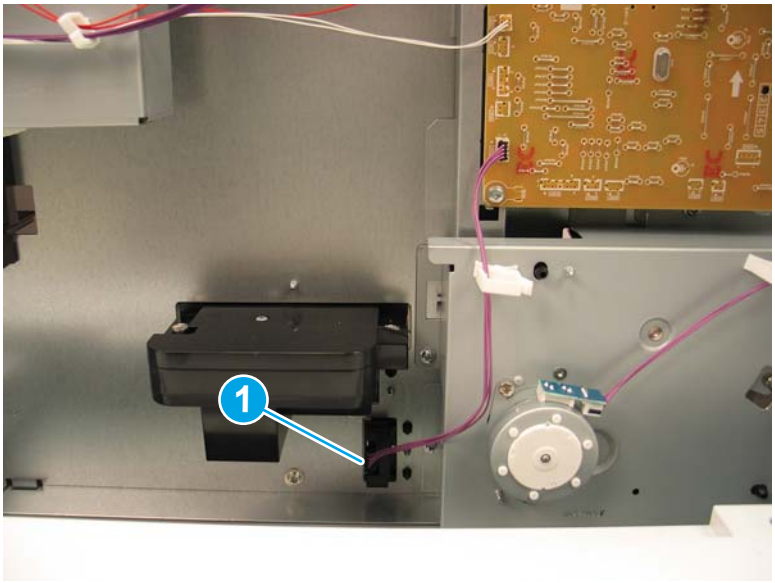
Figure 1-2448 Remove the rear cover



Step 3: Remove the size sensor (Tray 4)(2,500-sheet paper feeder with stand)

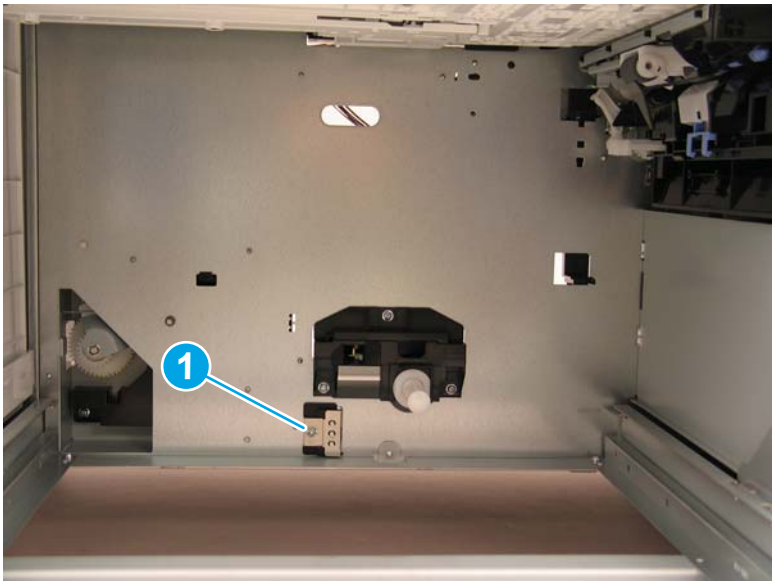
1. At the back of the feeder, disconnect one connector (callout 1).

Figure 1-2449 Disconnect one connector



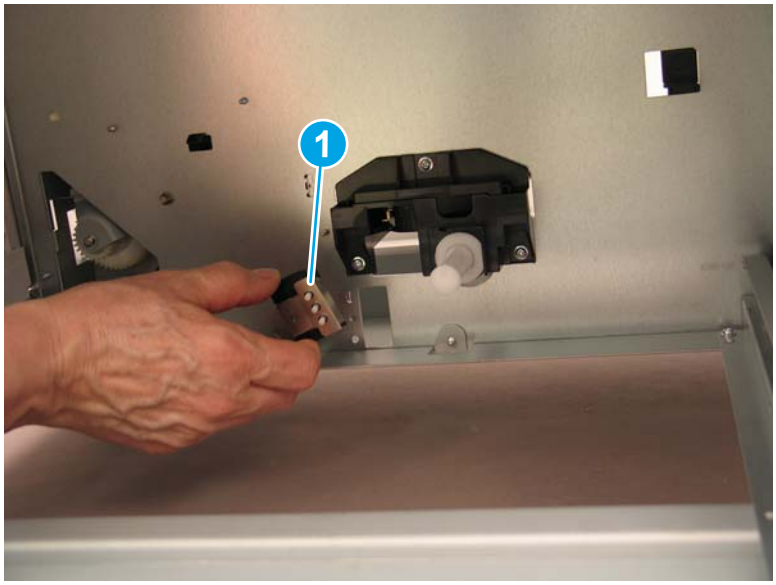
2. Inside the paper tray opening, remove one screw (callout 1).

Figure 1-2450 Remove one screw



3. Remove the size sensor (callout 1).

Figure 1-2451 Remove the size sensor



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drawer connector holder and cable assembly (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the drawer connector holder and cable assembly (2,500-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drawer connector holder and cable assembly on the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drawer connector holder and cable assembly (2,500-sheet paper feeder with stand) part numbers	
RC4-8914-000CN	Holder, drawer connector
RM2-9286-000CN	Drawer upper cable assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blad screwdriver

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

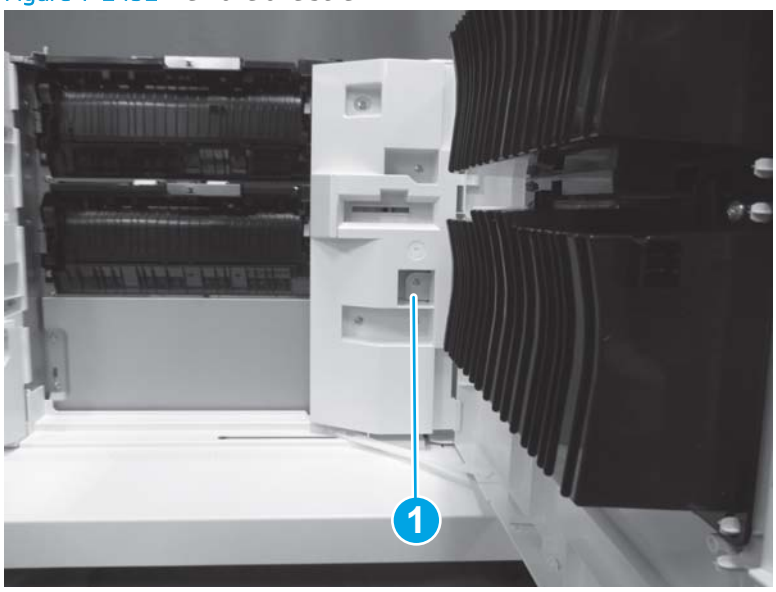
Send a print job from the host computer to the 2,500-sheet paper feeder. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

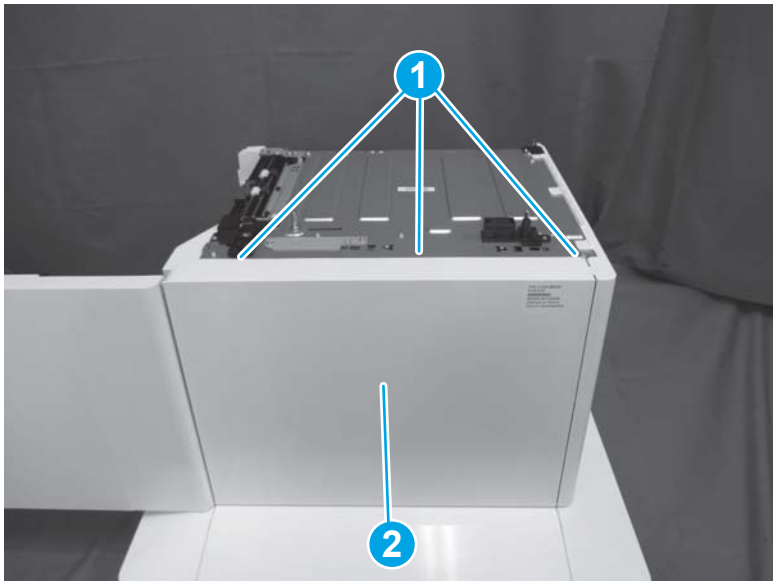
Figure 1-2452 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

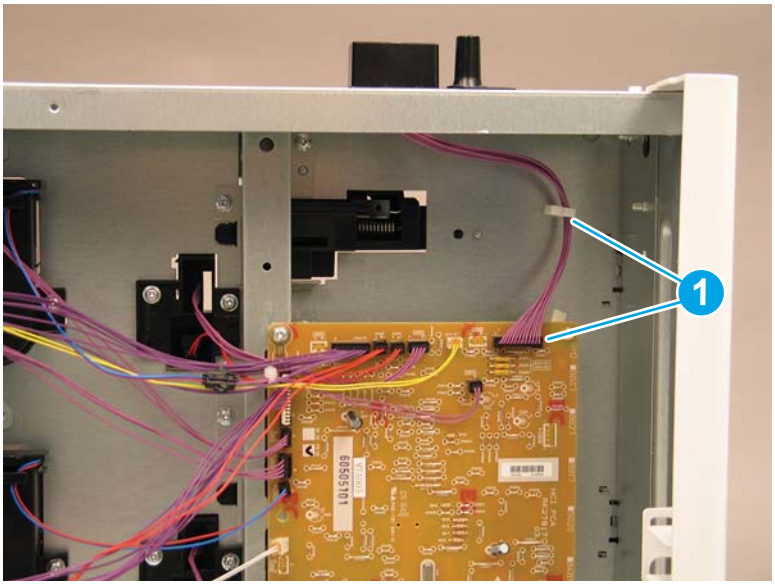
Figure 1-2453 Remove the rear cover



Step 2: Remove the drawer connector holder and cable assembly (2,500-sheet paper feeder with stand)

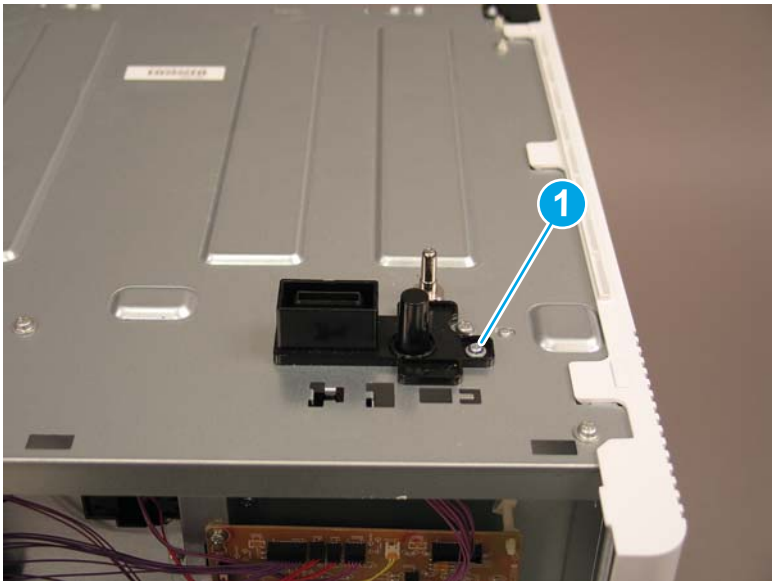
1. At the back of the feeder, disconnect one connector and release one retainer (callout 1).

Figure 1-2454 Disconnect one connector and release retainer



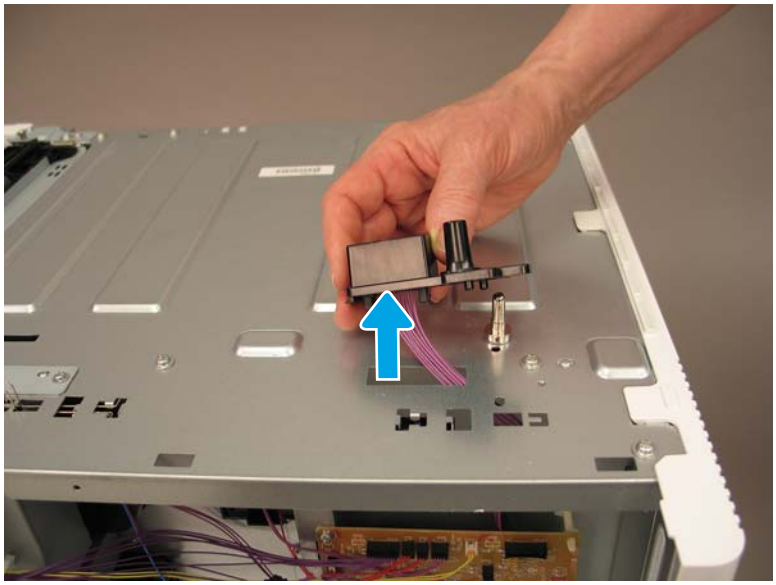
2. At the top of the paper feeder, remove one screw (callout 1).

Figure 1-2455 Remove one screw



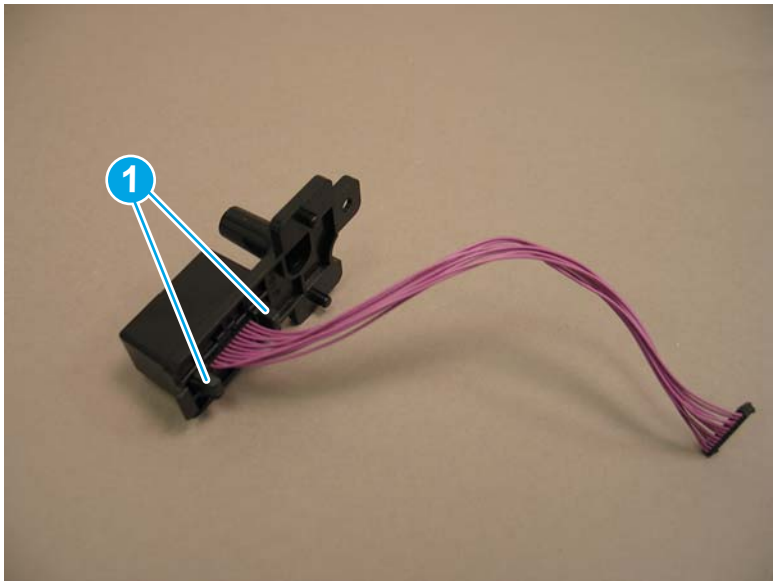
3. Lift the drawer connector holder and cable assembly away from the feeder to remove them.

Figure 1-2456 Remove the drawer connector holder and cable assembly



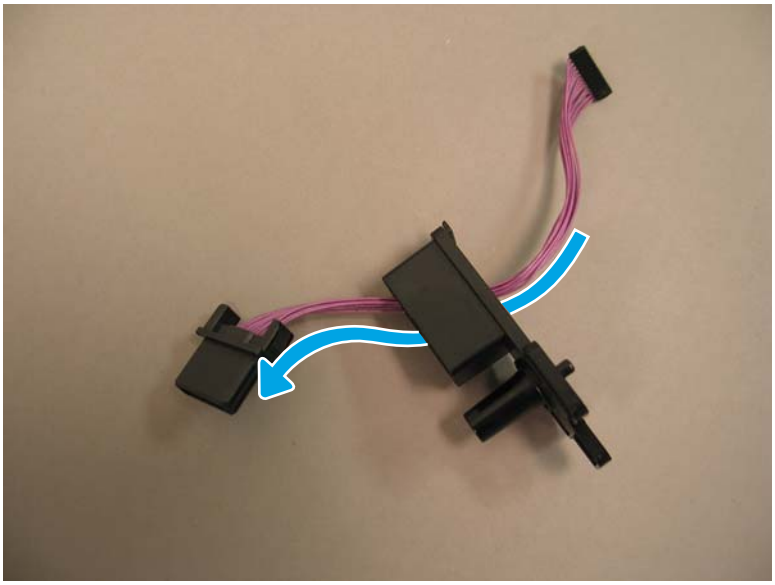
4. Use a small, flat-blad screwdriver to release two tabs (callout 1).

Figure 1-2457 Release two tabs



5. Remove the cable assembly from the drawer connector holder.

Figure 1-2458 Remove the cable assembly



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Auto-close assembly (Tray 3) (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the auto-close assembly (Tray 3) (2,500-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the auto-close assembly for Tray 3 in the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Auto-close assembly (Tray 3) (2,500-sheet paper feeder with stand) part number	
RM2-0856-000CN	Auto close assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

Slowly install the paper tray in the paper feeder. Verify that the auto-close assembly catches and pulls the tray completely closed.

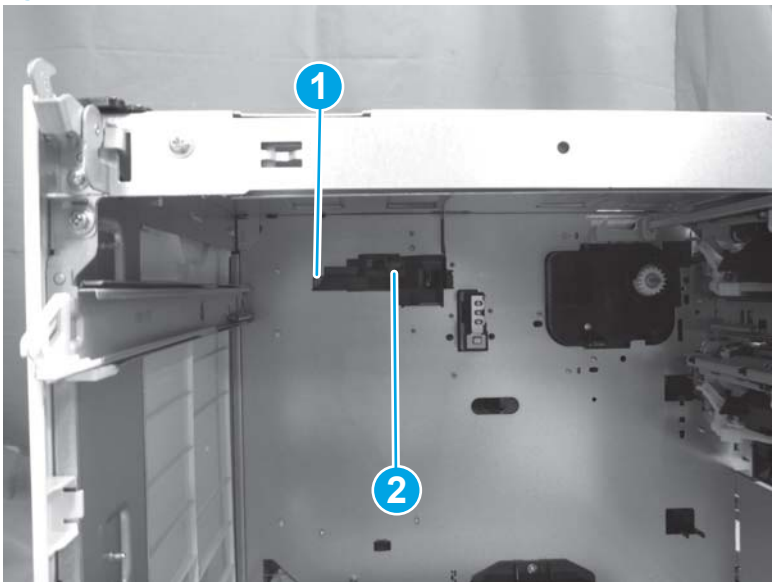
Step 1: Remove the auto-close assembly (Tray 3) (2,500-sheet paper feeder with stand)

1. Remove all of the paper trays.

2. Remove one screw (callout 1), and then remove the auto-close assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2459 Remove the auto-close assembly



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Auto-close assembly (Tray 4) (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the auto-close assembly (Tray 4) (2,500-sheet paper feeder with stand)
- Step 2: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the tray auto-close assembly for Tray 4 in the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Auto-close assembly (Tray 4) (2,500-sheet paper feeder with stand) part number	
RM2-0918-000CN	Tray auto close assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

Slowly install the paper tray in the paper feeder. Verify that the auto-close assembly catches and pulls the tray completely closed.

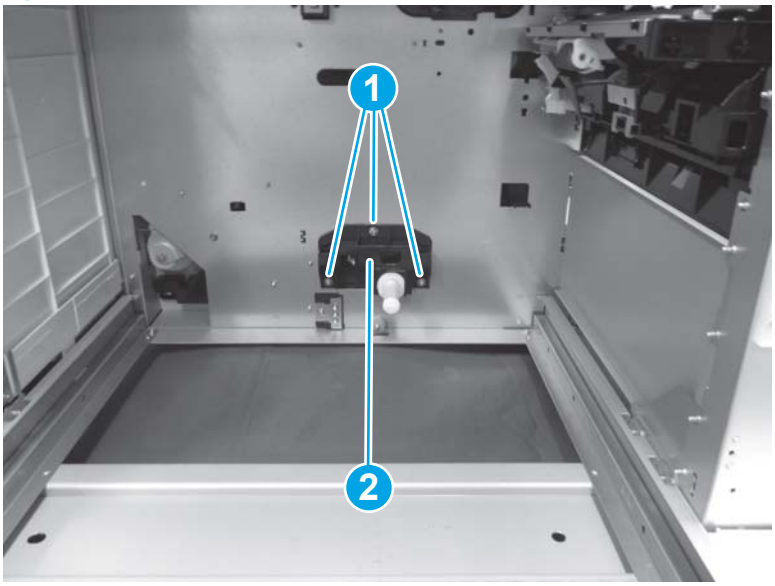
Step 1: Remove the auto-close assembly (Tray 4) (2,500-sheet paper feeder with stand)

1. Remove all of the paper trays.

2. Remove three screws (callout 1), and then remove the tray auto-close assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2460 Remove the tray auto-close assembly



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Paper pickup assemblies (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the right door (2,500-sheet paper feeder with stand)
- Step 2: Remove the paper pickup assembly (2,500-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the paper pickup assemblies for the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Paper pickup assembly (2,500-sheet paper feeder with stand) part number	
RM2-1235-000CN	Paper pickup assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

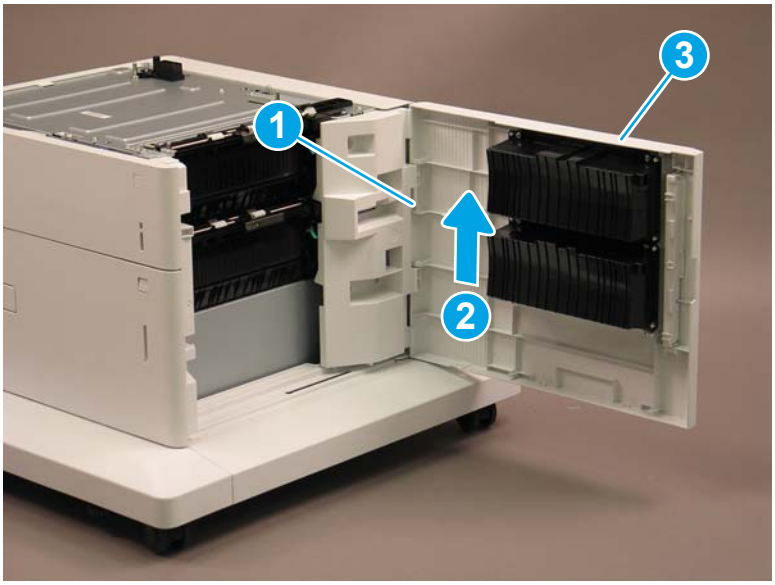
Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the right door (2,500-sheet paper feeder with stand)

▲ Release one tab (callout 1), and then lift up (callout 2) to remove the right door (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

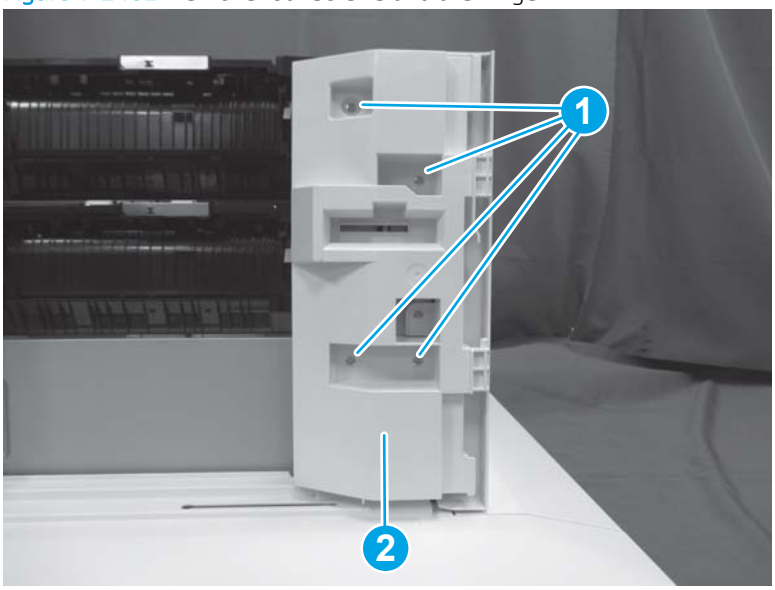
Figure 1-2461 Remove the right door



Step 2: Remove the paper pickup assembly (2,500-sheet paper feeder with stand)

1. Remove all of the paper trays.
2. Remove four screws (callout 1), and then remove the hinge (callout 2).

Figure 1-2462 Remove four screws and the hinge



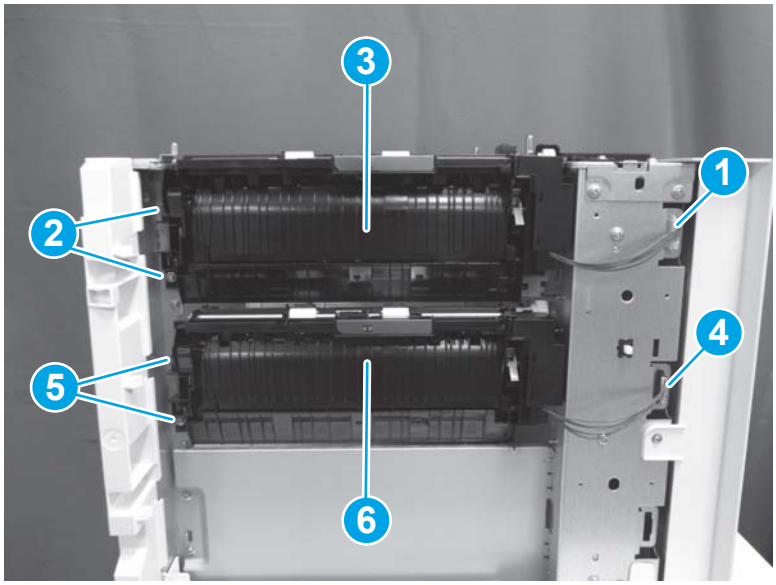
3. Do one of the following, depending upon which paper pickup assembly you are removing:

Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 paper pickup assembly**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the paper pickup assembly (callout 3).

b. **Tray 4 paper pickup assembly**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the paper pickup assembly (callout 6).

Figure 1-2463 Remove the paper pickup assemblies



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Tray lifter motor drive assembly (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the left cover (2,500-sheet paper feeder with stand)
- Step 3: Remove the tray lifter motor drive assembly (2,500-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the tray lifter motor drive assembly for the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Tray lifter motor drive assembly (2,500-sheet paper feeder with stand) part number	
RM2-0915-000CN	Tray lifter motor drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

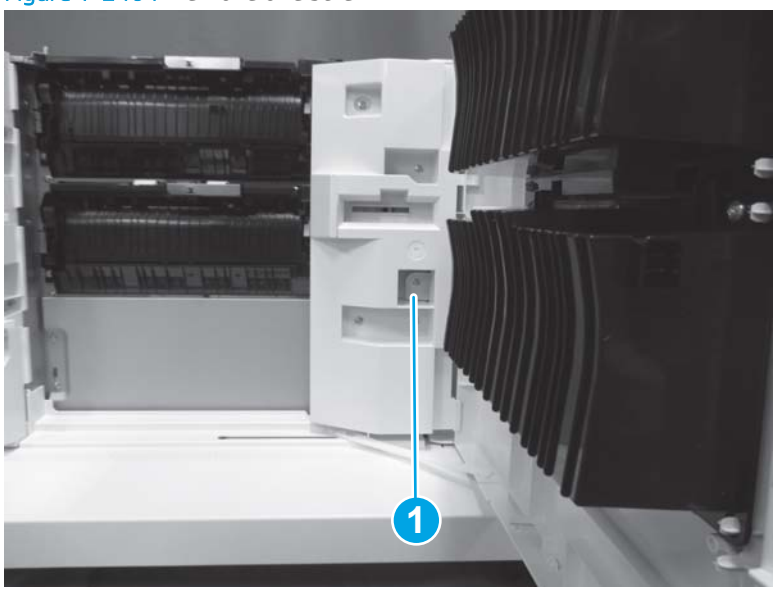
Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

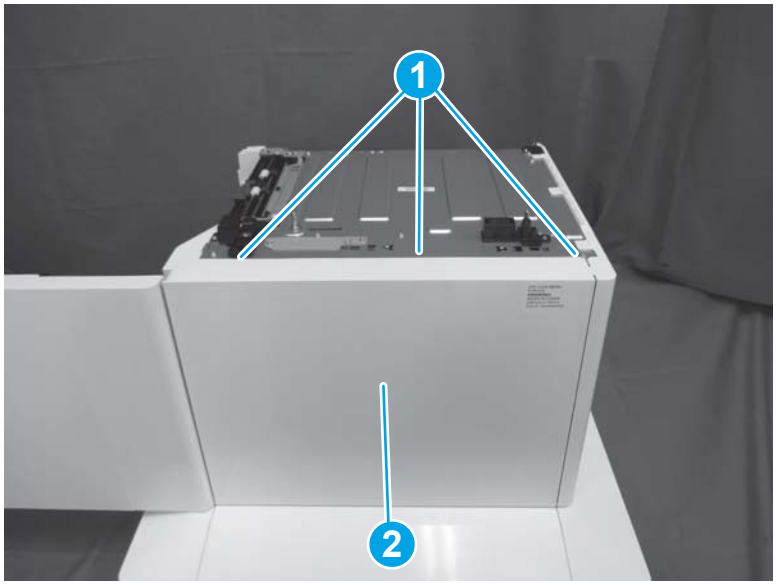
Figure 1-2464 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2465 Remove the rear cover

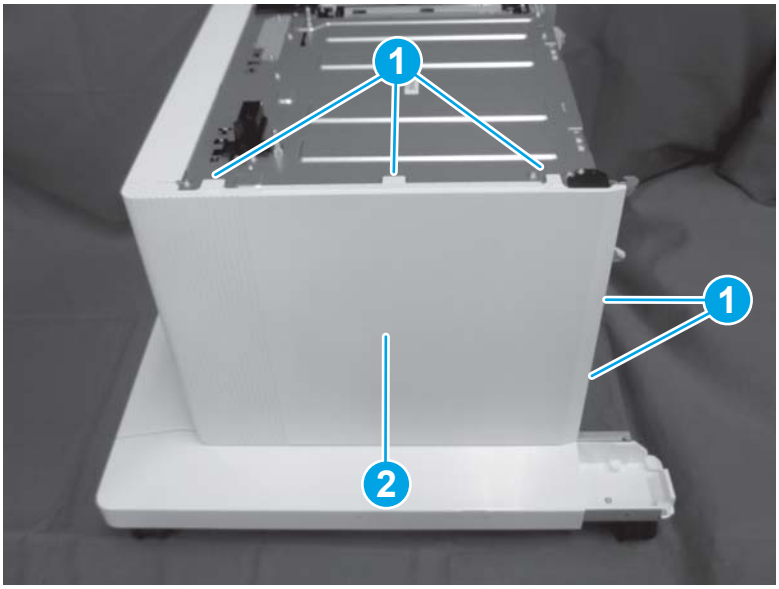


Step 2: Remove the left cover (2,500-sheet paper feeder with stand)

▲ Release fiv tabs (callout 1), and then remove the left cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

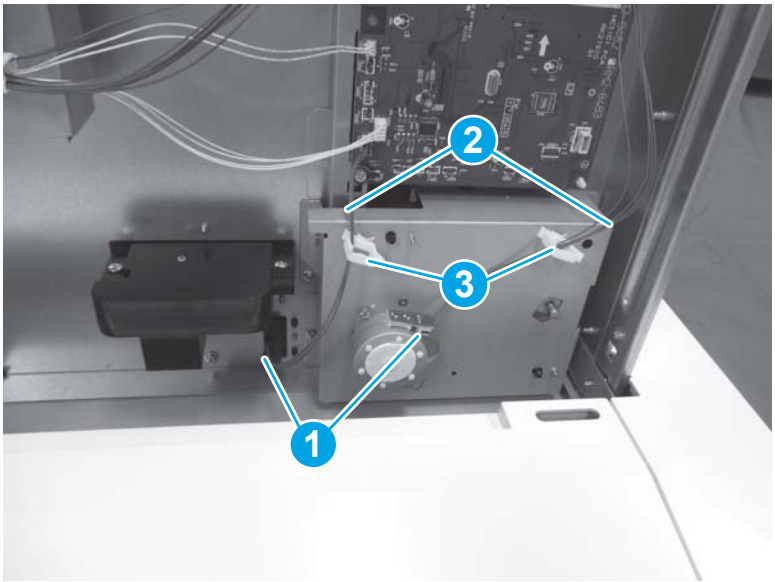
Figure 1-2466 Remove the left cover



Step 3: Remove the tray lifter motor drive assembly (2,500-sheet paper feeder with stand)

1. Disconnect two connectors (callout 1), and then release the cables (callout 3) from the retainers (callout 2).

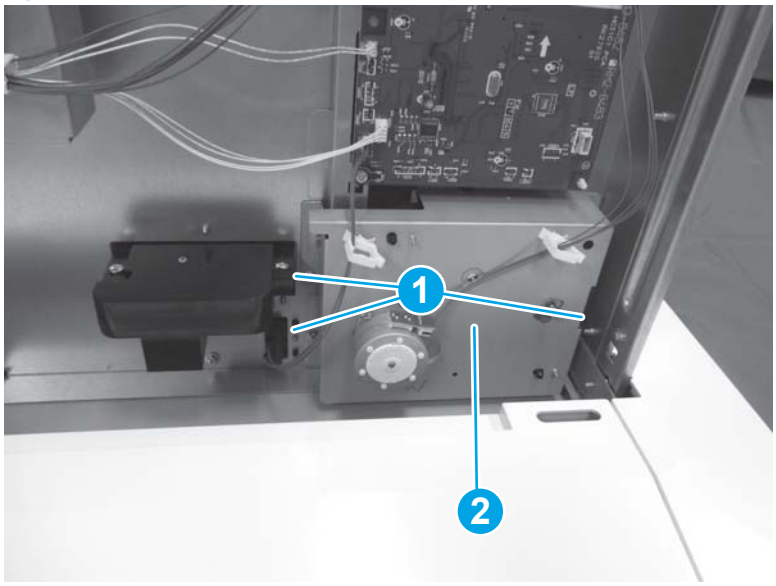
Figure 1-2467 Disconnect two connectors



2. Remove three screws (callout 1), and then remove the tray lifter motor drive assembly (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2468 Remove the tray lifter motor drive assembly



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Feed motors (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the feed motor (2,500-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the feed motors for the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Feed motor (2,500-sheet paper feeder with stand) part number	
RK2-7831-000CN	Motor, stepping

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

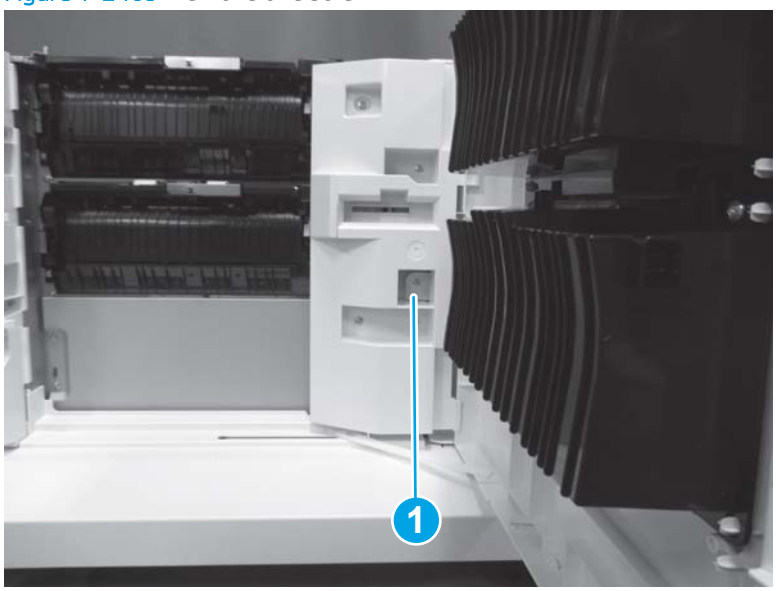
Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

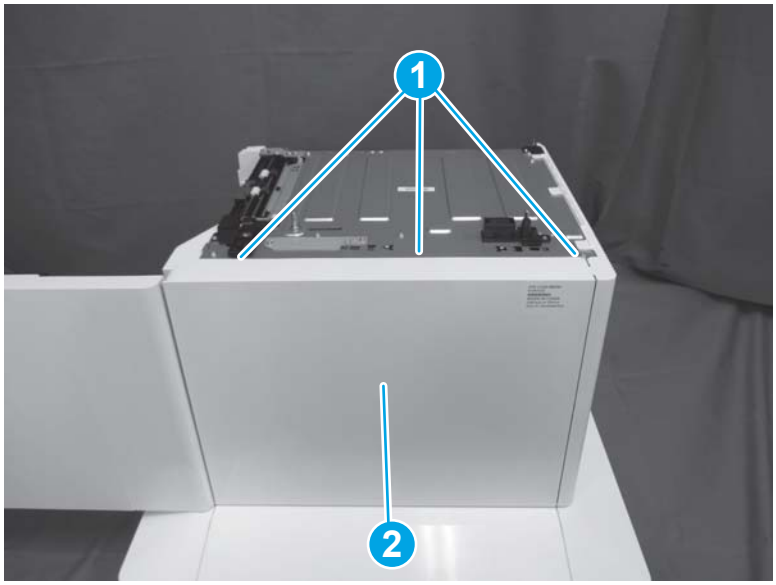
Figure 1-2469 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2470 Remove the rear cover



Step 2: Remove the feed motor (2,500-sheet paper feeder with stand)

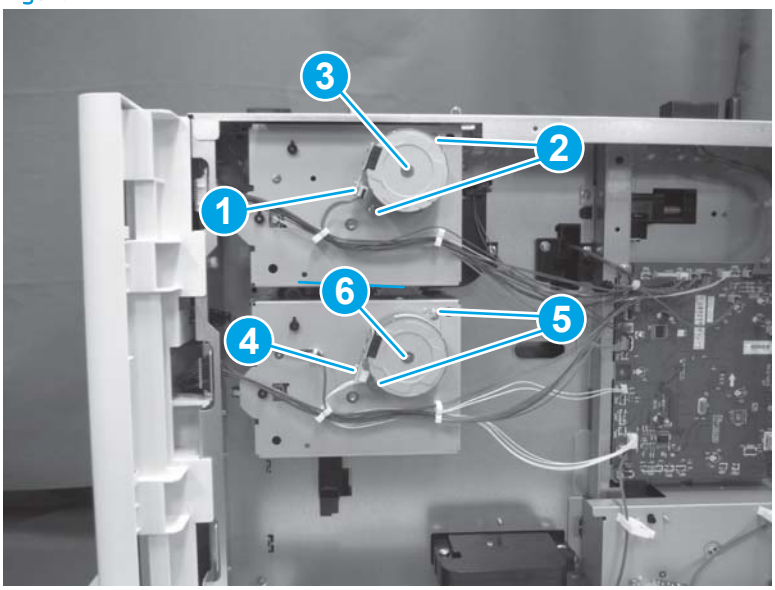
▲ Do one of the following, depending upon which feed motor you are removing:

Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

Figure 1-2471 Remove the feed motors



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drive assembly (Tray 3) (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the Tray 3 feed motor (2,500-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (Tray 3) (2,500-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drive assembly for Tray 3 in the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drive assembly (2,500-sheet paper feeder with stand) part number	
RM2-1222-000CN	Drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

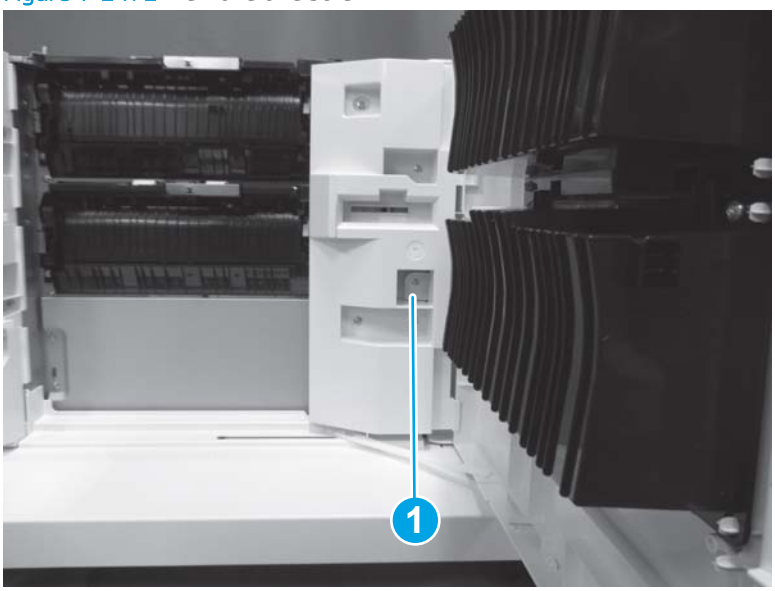
Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

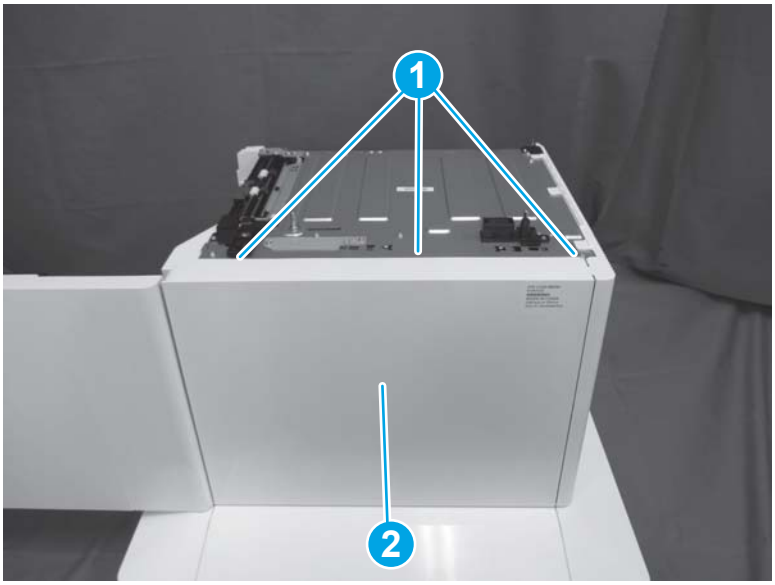
Figure 1-2472 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2473 Remove the rear cover



Step 2: Remove the Tray 3 feed motor (2,500-sheet paper feeder with stand)

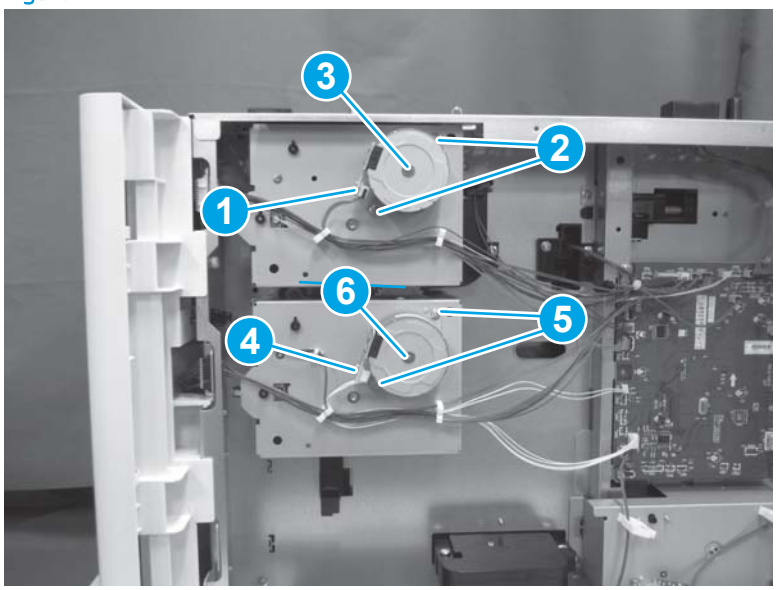
▲ Do one of the following, depending upon which feed motor you are removing:

Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

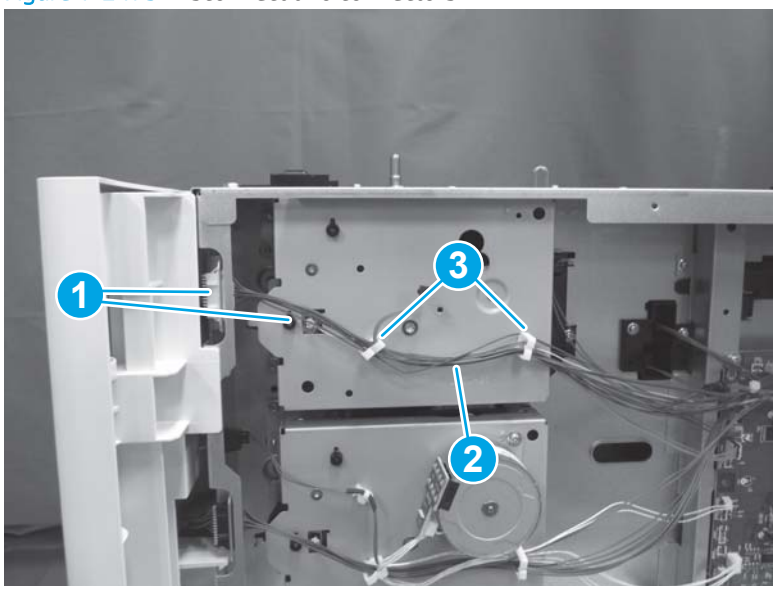
Figure 1-2474 Remove the feed motors



Step 3: Remove the drive assembly (Tray 3) (2,500-sheet paper feeder with stand)

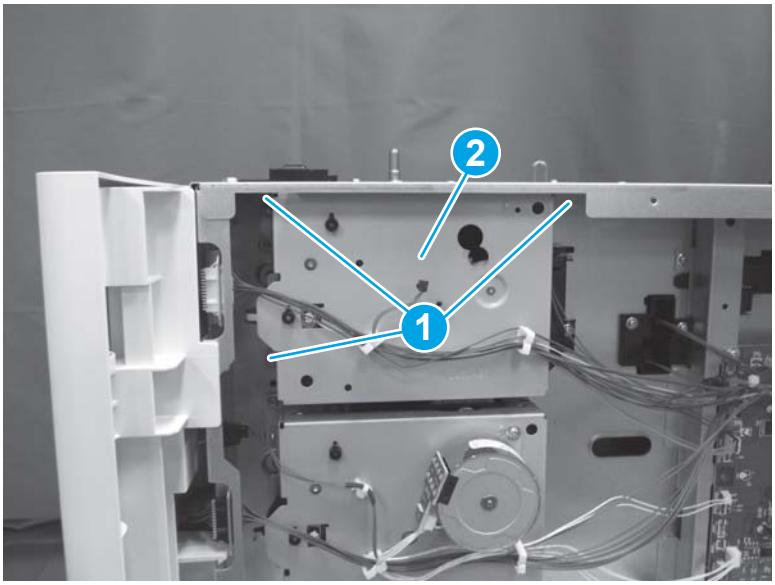
1. Disconnect two connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

Figure 1-2475 Disconnect two connectors



2. Remove three screws (callout 1), and then remove the drive assembly (callout 2).

Figure 1-2476 Remove the drive assembly



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Drive assembly (Tray 4) (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the Tray 4 feed motor (2,500-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (Tray 4) (2,500-sheet paper feeder with stand)
- Step 4: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the drive assembly for Tray 4 in the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Drive assembly (2,500-sheet paper feeder with stand) part number	
RM2-1222-000CN	Drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

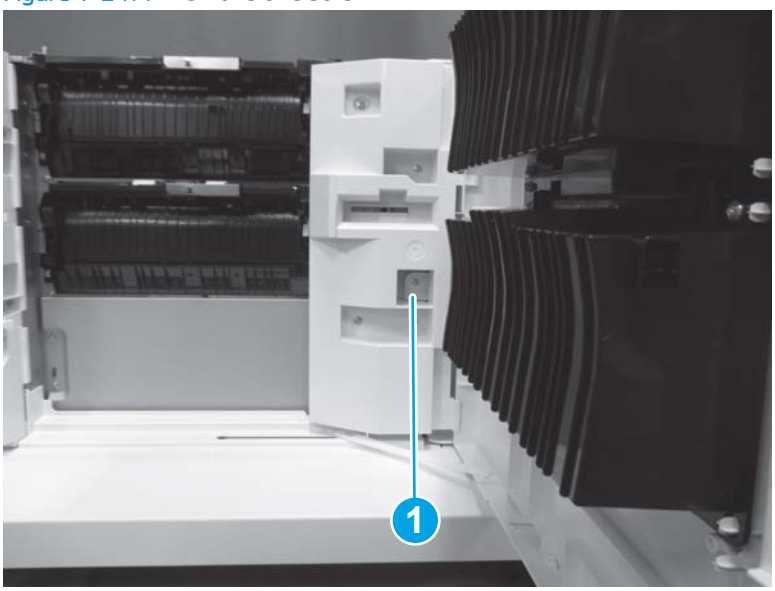
Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

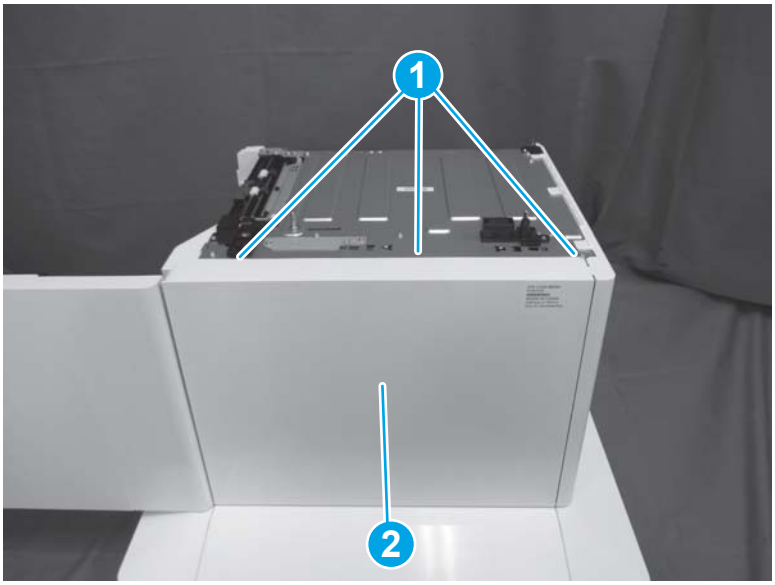
Figure 1-2477 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2478 Remove the rear cover



Step 2: Remove the Tray 4 feed motor (2,500-sheet paper feeder with stand)

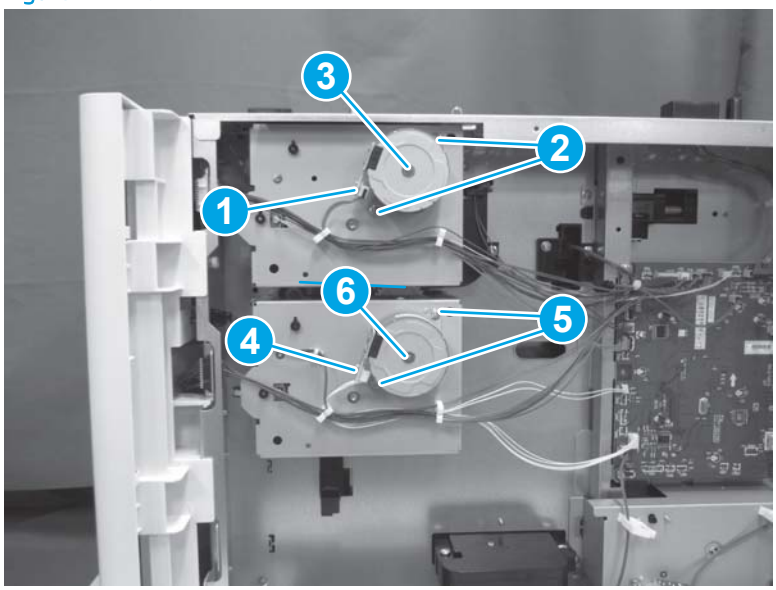
▲ Do one of the following, depending upon which feed motor you are removing:

Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

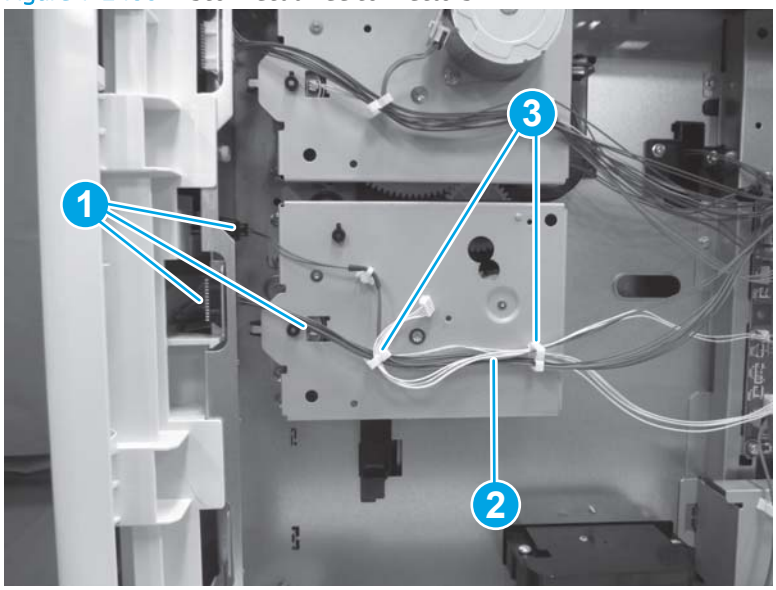
Figure 1-2479 Remove the feed motors



Step 3: Remove the drive assembly (Tray 4) (2,500-sheet paper feeder with stand)

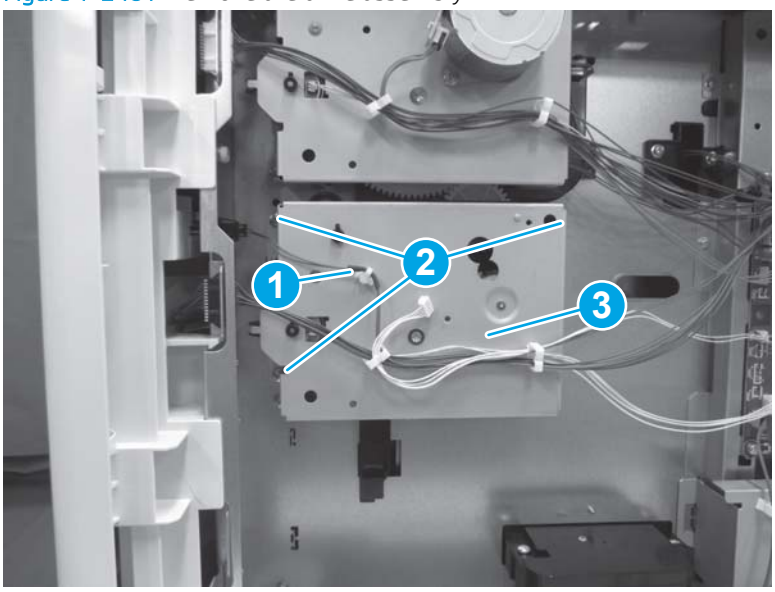
1. Disconnect three connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

Figure 1-2480 Disconnect three connectors



2. Remove the cable clamp (callout 1) from the drive assembly, remove three screws (callout 2), and then remove the drive assembly (callout 3).

Figure 1-2481 Remove the drive assembly



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Pickup alienation holder (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the feed motors (Trays 3 and 4) (2,500-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (Tray 3) (2,500-sheet paper feeder with stand)
- Step 4: Remove the drive assembly (Tray 4) (2,500-sheet paper feeder with stand)
- Step 5: Remove the pickup alienation holder (2,500-sheet paper feeder with stand)
- Step 6: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the pickup alienation holder for the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Pickup alienation holder (2,500-sheet paper feeder with stand) part number	
RM2-1223-000CN	Estrangement holder assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

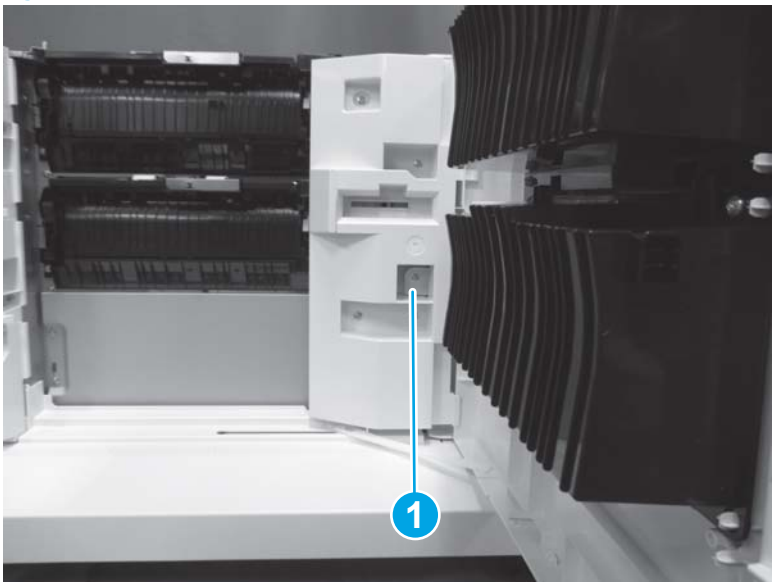
Post service test

Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

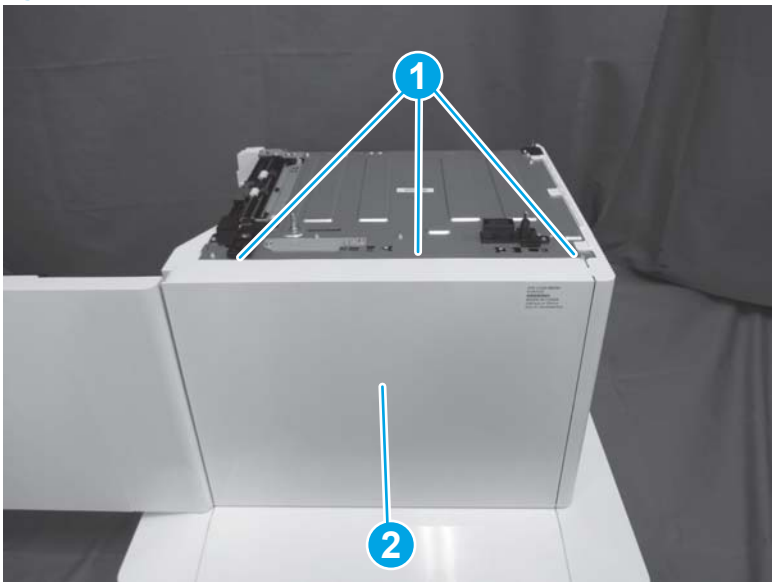
Figure 1-2482 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2483 Remove the rear cover



Step 2: Remove the feed motors (Trays 3 and 4) (2,500-sheet paper feeder with stand)

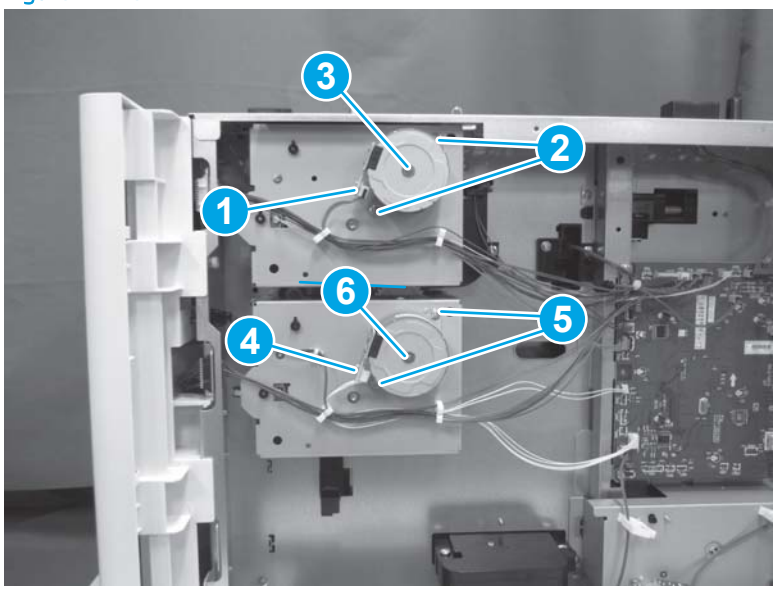
▲ Do one of the following, depending upon which feed motor you are removing:

Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

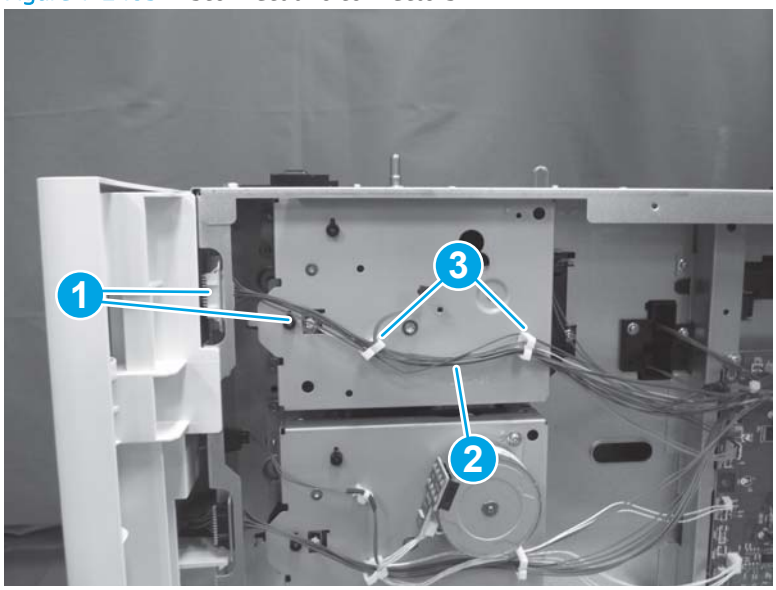
Figure 1-2484 Remove the feed motors



Step 3: Remove the drive assembly (Tray 3) (2,500-sheet paper feeder with stand)

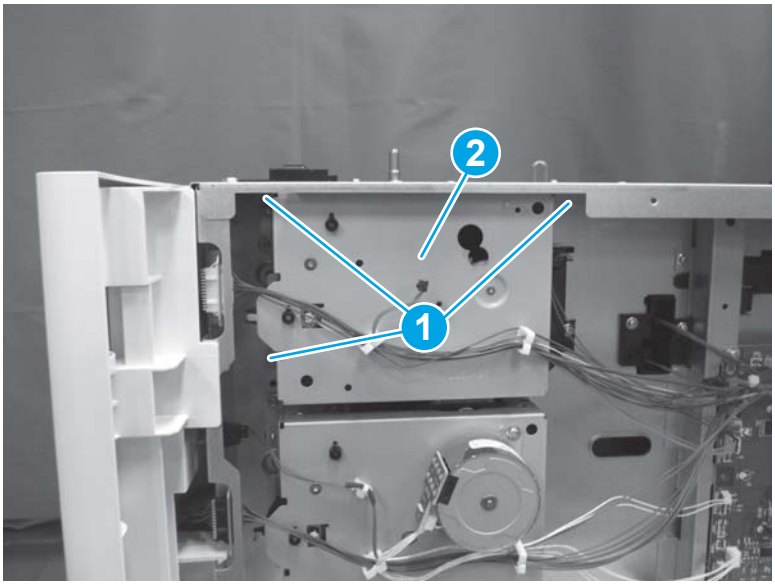
1. Disconnect two connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

Figure 1-2485 Disconnect two connectors



2. Remove three screws (callout 1), and then remove the drive assembly (callout 2).

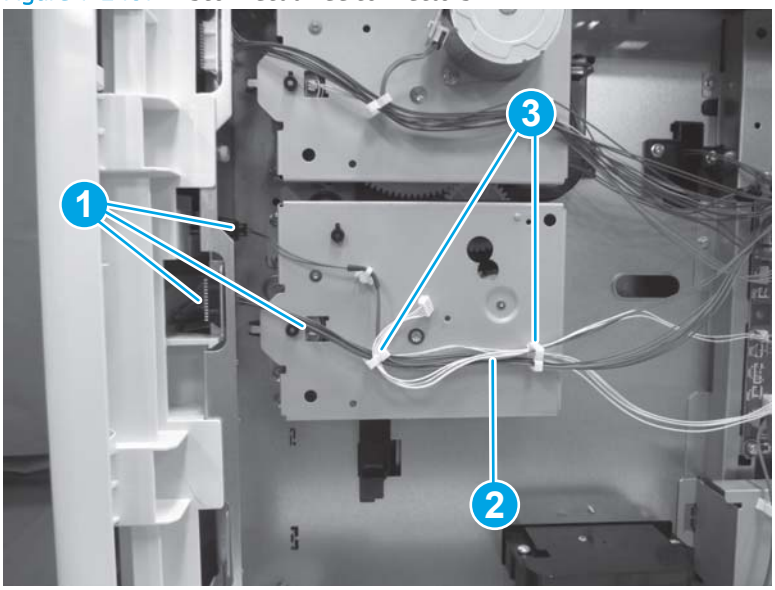
Figure 1-2486 Remove the drive assembly



Step 4: Remove the drive assembly (Tray 4) (2,500-sheet paper feeder with stand)

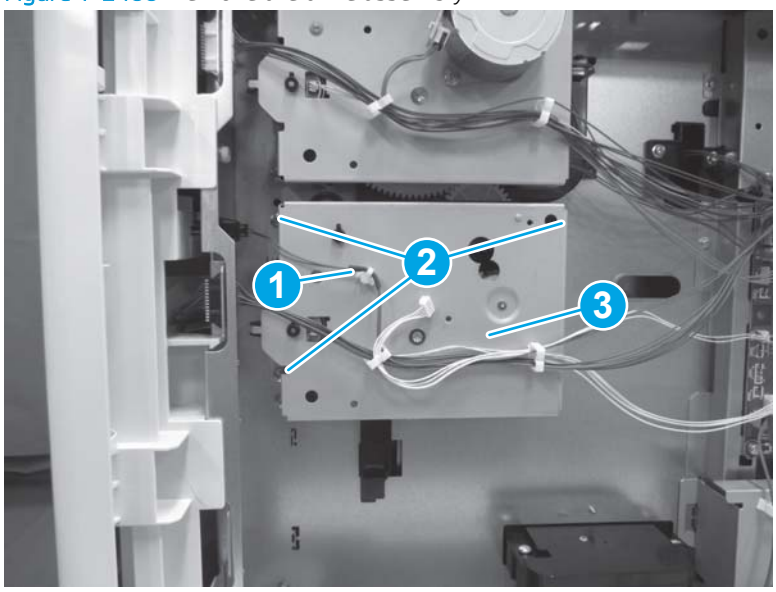
1. Disconnect three connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

Figure 1-2487 Disconnect three connectors



2. Remove the cable clamp (callout 1) from the drive assembly, remove three screws (callout 2), and then remove the drive assembly (callout 3).

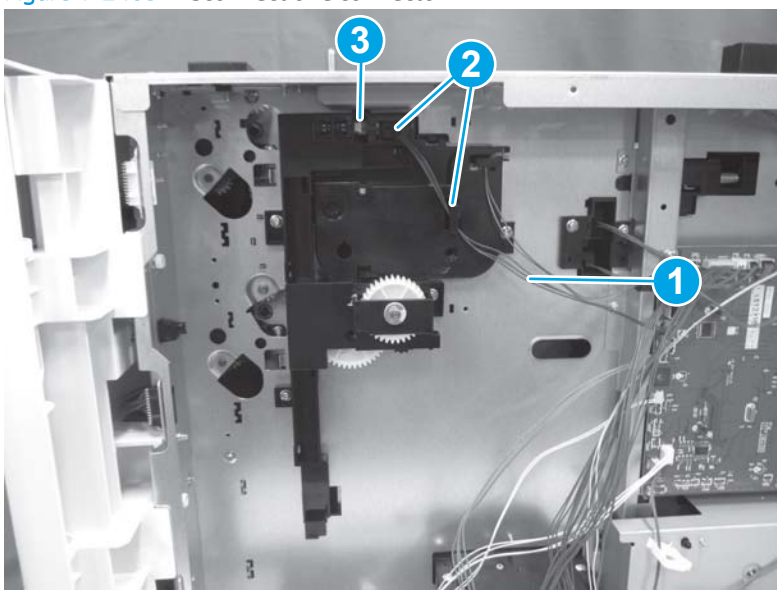
Figure 1-2488 Remove the drive assembly



Step 5: Remove the pickup alienation holder (2,500-sheet paper feeder with stand)

1. Release the cable (callout 1) from cable guides (callout 2), and then disconnect one connector (callout 3).

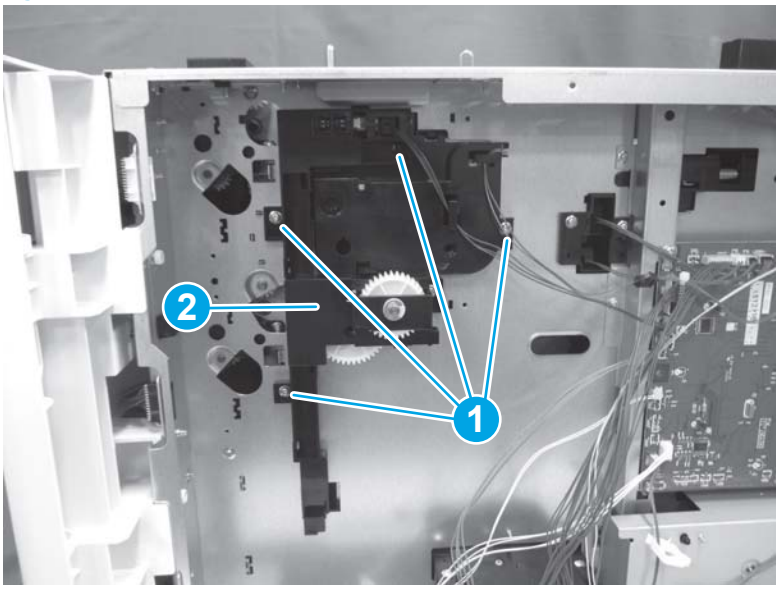
Figure 1-2489 Disconnect one connector



2. Remove four screws (callout 1), and then remove the pickup alienation holder (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2490 Remove four screws and the pickup alienation holder



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Lifter drive assembly (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the feed motors (Trays 3 and 4) (2,500-sheet paper feeder with stand)
- Step 3: Remove the drive assembly (Tray 3) (2,500-sheet paper feeder with stand)
- Step 4: Remove the drive assembly (Tray 4) (2,500-sheet paper feeder with stand)
- Step 5: Remove the pickup alienation holder (2,500-sheet paper feeder with stand)
- Step 6: Remove the lifter drive assembly (2,500-sheet paper feeder with stand)
- Step 7: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the lifter drive assembly for Tray 5 in the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Lifter drive assembly (2,500-sheet paper feeder with stand) part number	
RM2-2091-000CN	Lifter drive assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

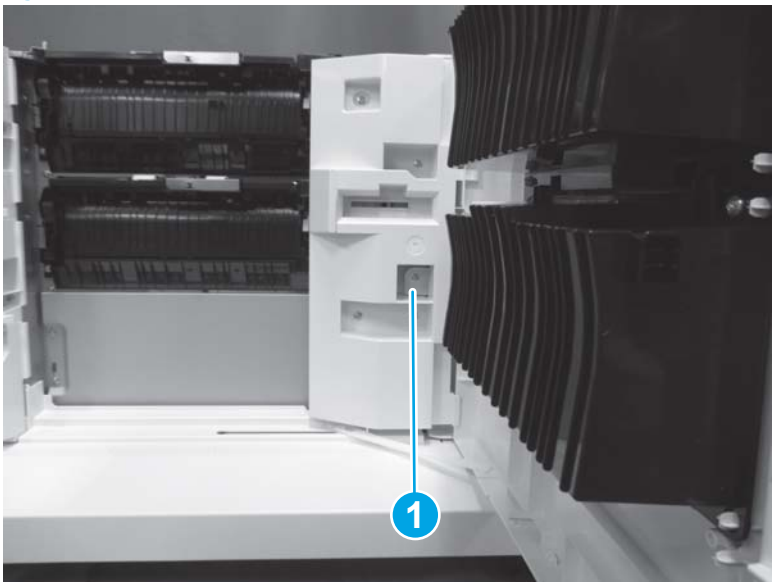
Post service test

Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.
2. Remove one screw (callout 1).

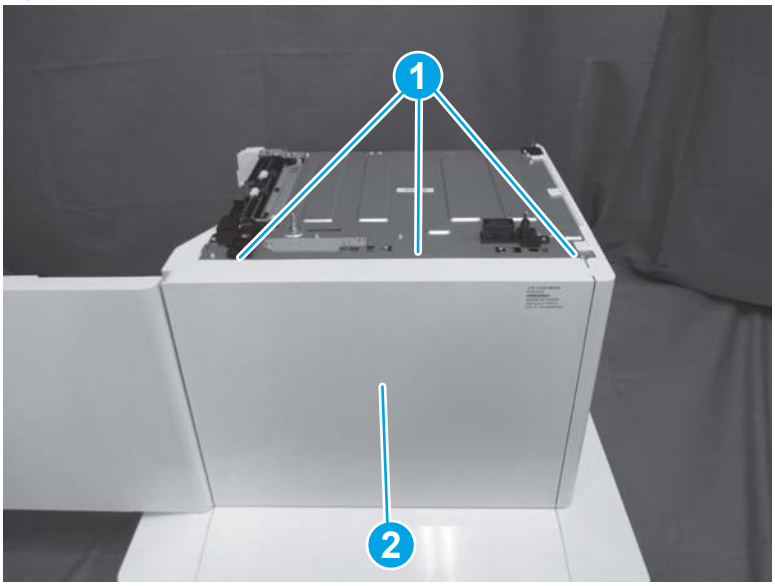
Figure 1-2491 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2492 Remove the rear cover



Step 2: Remove the feed motors (Trays 3 and 4) (2,500-sheet paper feeder with stand)

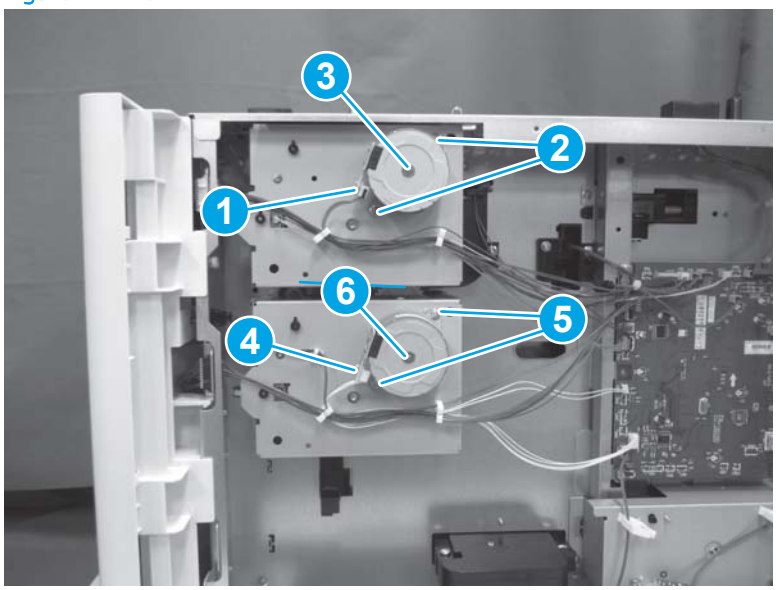
▲ Do one of the following, depending upon which feed motor you are removing:

Reinstallation tip: Reverse the removal steps to install the assembly.

a. **Tray 3 feed motor**: Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the feed motor (callout 3).

b. **Tray 4 feed motor**: Disconnect one connector (callout 4), remove two screws (callout 5), and then remove the feed motor (callout 6).

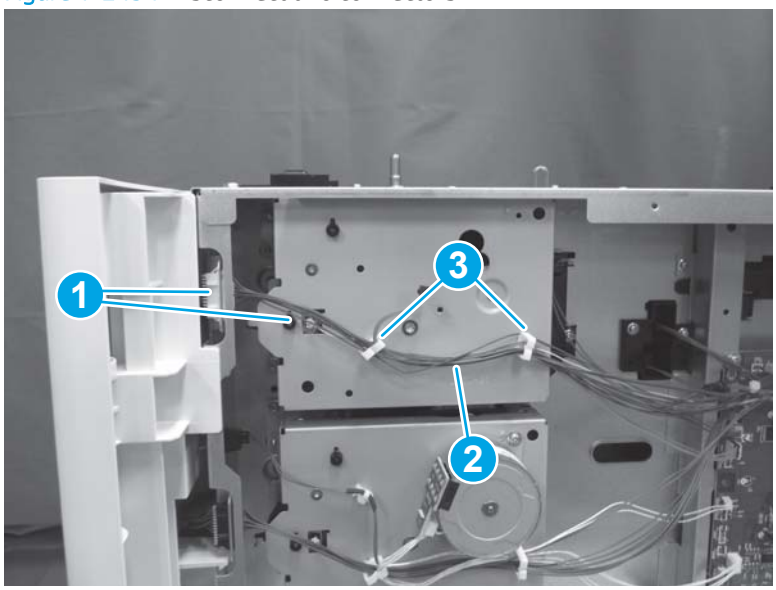
Figure 1-2493 Remove the feed motors



Step 3: Remove the drive assembly (Tray 3) (2,500-sheet paper feeder with stand)

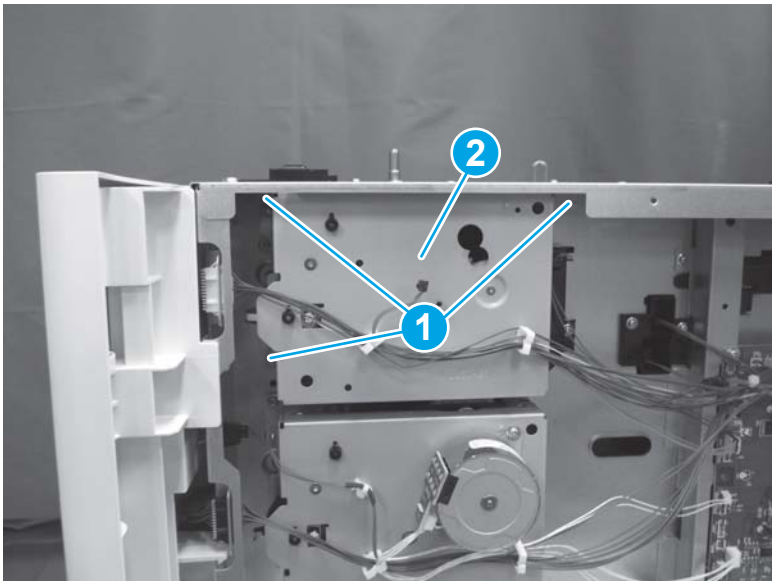
1. Disconnect two connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

Figure 1-2494 Disconnect two connectors



2. Remove three screws (callout 1), and then remove the drive assembly (callout 2).

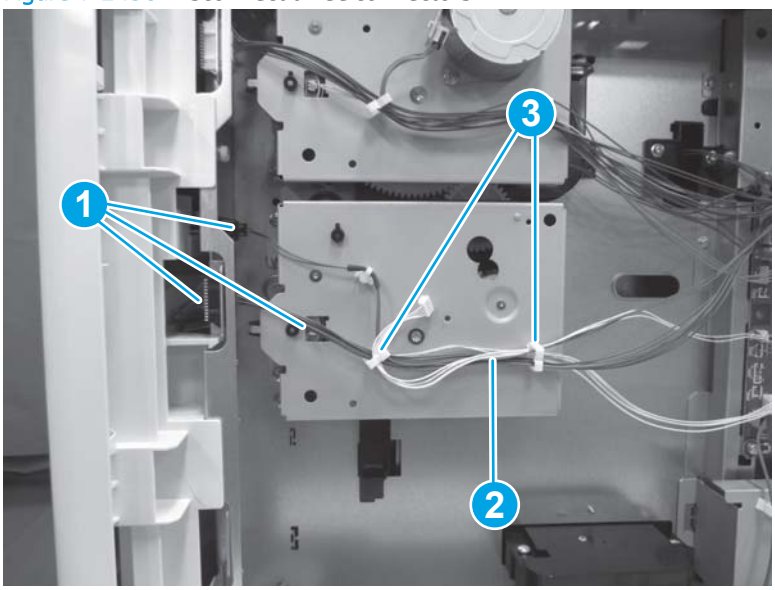
Figure 1-2495 Remove the drive assembly



Step 4: Remove the drive assembly (Tray 4) (2,500-sheet paper feeder with stand)

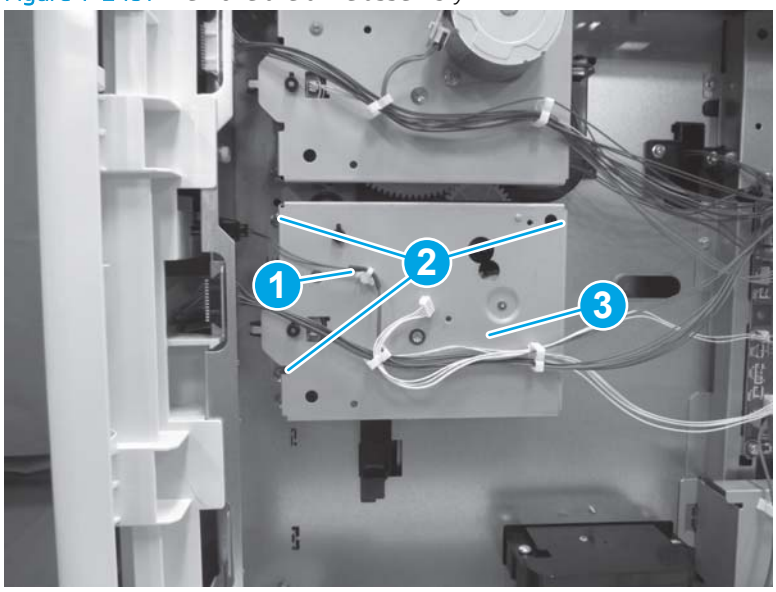
1. Disconnect three connectors (callout 1), and then release the cable (callout 2) from the retainers (callout 3).

Figure 1-2496 Disconnect three connectors



2. Remove the cable clamp (callout 1) from the drive assembly, remove three screws (callout 2), and then remove the drive assembly (callout 3).

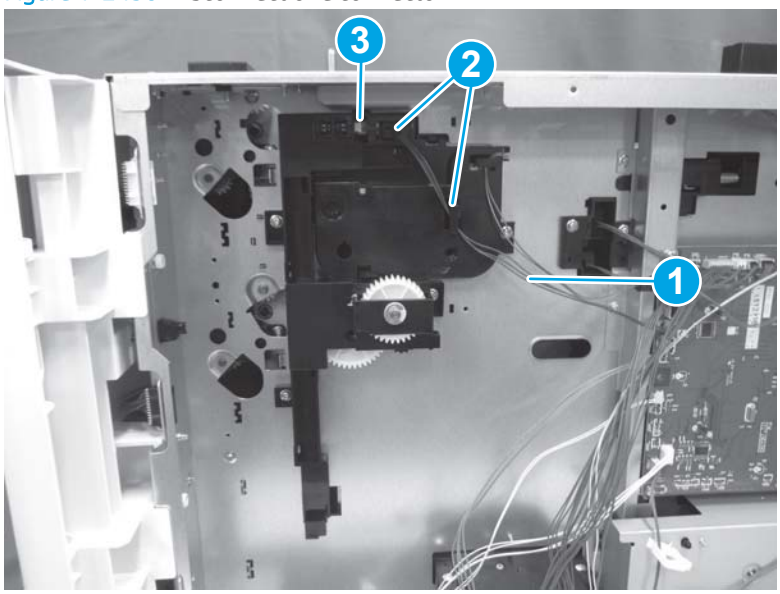
Figure 1-2497 Remove the drive assembly



Step 5: Remove the pickup alienation holder (2,500-sheet paper feeder with stand)

1. Release the cable (callout 1) from cable guides (callout 2), and then disconnect one connector (callout 3).

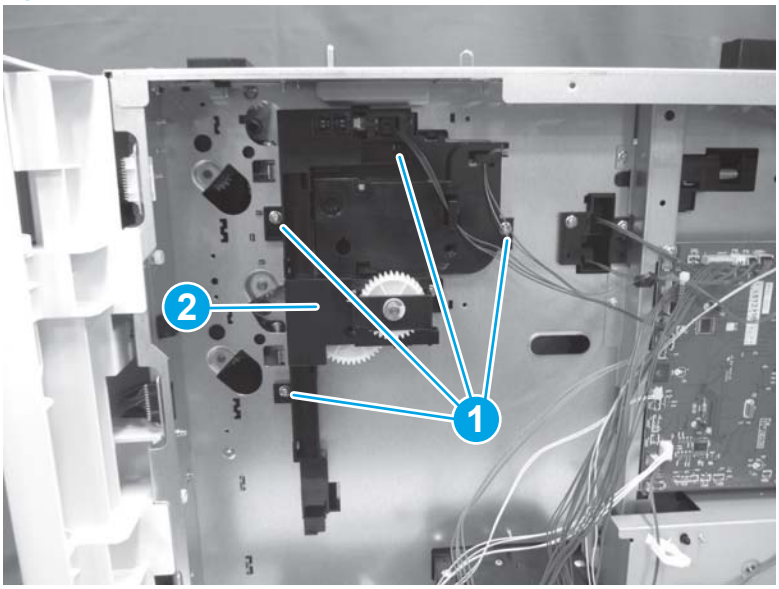
Figure 1-2498 Disconnect one connector



2. Remove four screws (callout 1), and then remove the pickup alienation holder (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2499 Remove four screws and the pickup alienation holder

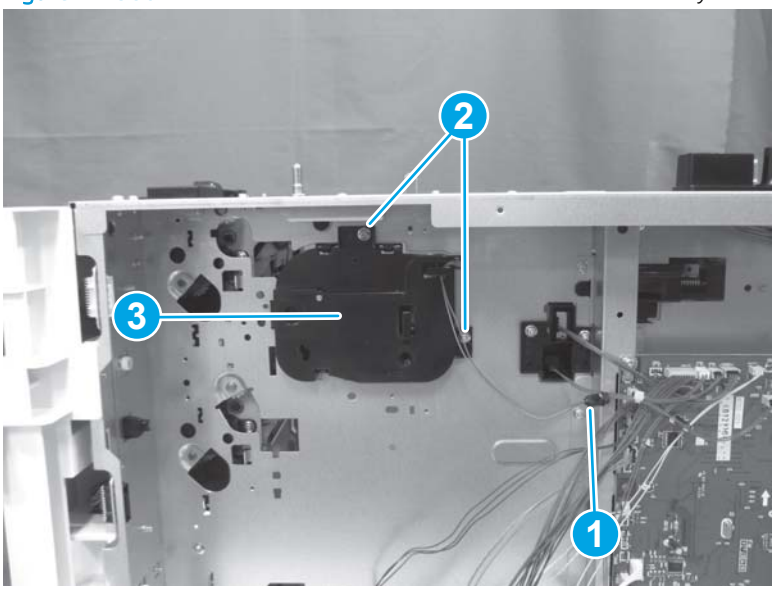


Step 6: Remove the lifter drive assembly (2,500-sheet paper feeder with stand)

▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter drive assembly (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2500 Remove three screws and the lifter drive assembly



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Removal and replacement: Controller PCA (2,500-sheet paper feeder with stand)

- Introduction
- Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)
- Step 2: Remove the controller PCA (2,500-sheet paper feeder with stand)
- Step 3: Unpack the replacement assembly

Introduction

This document provides the procedures to remove and replace the controller PCA for the 2,500-sheet paper feeder with stand.

IMPORTANT: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

Before performing service

- Turn the printer power off A shutting-down message appears on the control-panel display.

  WARNING! To avoid damage to the printer, turn the power o and wait until the printer shuts down before removing the power cable.

- Disconnect the power cable after the printer is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your printer. To order the part, go to www.hp.com/buy/parts

Controller PCA (2,500-sheet paper feeder with stand) part number	
RM2-8481-000CN	Paper deck controller PCB assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

- Connect the printer power cable.
- Turn the printer power on.

Post service test

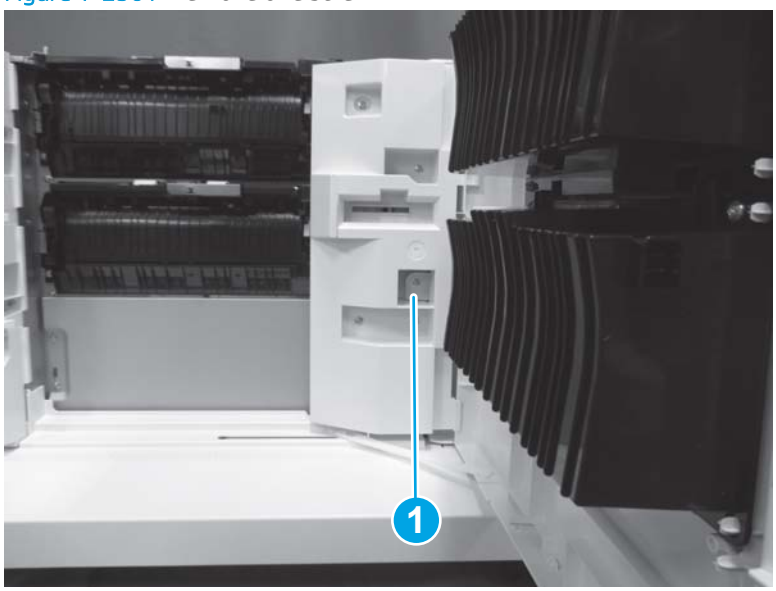
Send a print job from the host computer to the 2,500-sheet paper feeder with stand. Verify that a page prints.

Step 1: Remove the rear cover (2,500-sheet paper feeder with stand)

1. Open the right door.

2. Remove one screw (callout 1).

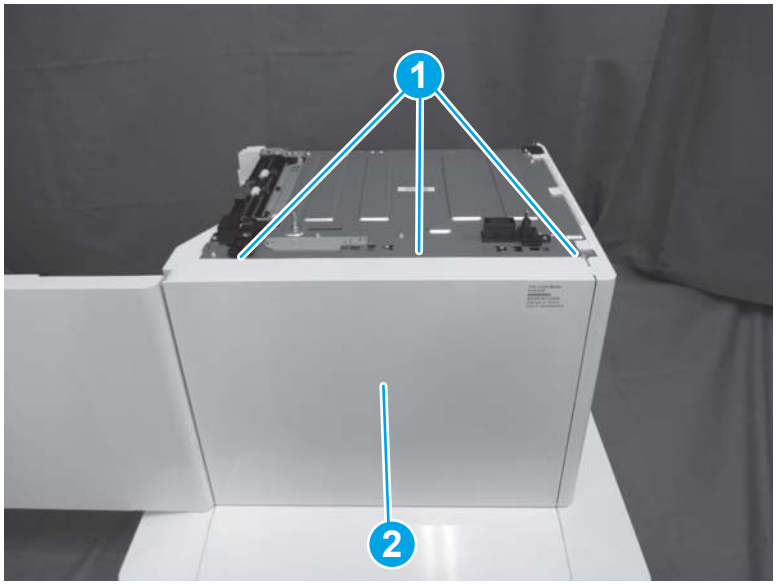
Figure 1-2501 Remove one screw



3. Release three tabs (callout 1), and then remove the rear cover (callout 2).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2502 Remove the rear cover

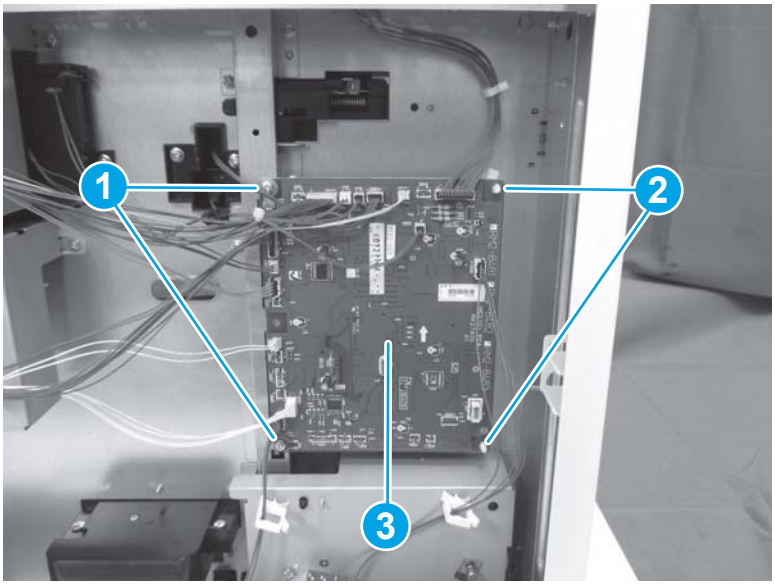


Step 2: Remove the controller PCA (2,500-sheet paper feeder with stand)

▲ Disconnect all of the connectors on the controller PCA. Remove two screws (callout 1), release two tabs (callout 2), and then remove the controller PCA (callout 3).

Reinstallation tip: Reverse the removal steps to install the assembly.

Figure 1-2503 Remove the controller PCA



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

NOTE: HP recommends responsible disposal of the defective part.

http://www8.hp.com/us/en/hp-information/environment/product-recycling.html

2. Unpack the replacement part from the packaging.

CAUTION: Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. To install an assembly, reverse the removal steps.

NOTE: When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

2 Parts and diagrams

- Related documentation and software
- Order parts, accessories, and supplies
- Assembly locations
- How to use the parts lists and diagrams
- Parts and diagrams: Document feeder and scanner whole units
- Parts and diagrams: Covers
- Parts and diagrams: Internal components
- Parts and diagrams: Accessories
- Alphabetical parts list
- Numerical parts list

Related documentation and software

HP service personnel, go to one of the following Web-based Interactive Search Engines (WISE) sites:

Americas (AMS)

- https://support.hp.com/wise/home/ams-enWISE - English
- https://support.hp.com/wise/home/ams-esWISE - Spanish
- https://support.hp.com/wise/home/ams-ptWISE - Portuguese
- https://support.hp.com/wise/home/ams-frWISE - French

Asia Pacifi / Japan (APJ)

- https://support.hp.com/wise/home/apj-enWISE - English
- https://support.hp.com/wise/home/apj-jaWISE - Japanese
- https://support.hp.com/wise/home/apj-koWISE - Korean
- https://support.hp.com/wise/home/apj-zh-HansWISE - Chinese (simplified
- https://support.hp.com/wise/home/apj-zh-HantWISE - Chinese (traditional)
- https://support.hp.com/wise/home/apj-thWISE - Thai

Europe / Middle East / Africa (EMEA)

- https://support.hp.com/wise/home/emea-enWISE - English

Channel partners, go to partner.hp.com.

Channel partners, access training materials in the HP University and Partner Learning Center at https://content.ext.hp.com/sites/LMS/HPU.page.

Order parts, accessories, and supplies

Ordering

Order supplies and paper	www.hp.com/go/suresupply
Order genuine HP parts or accessories	www.hp.com/buy/parts
Order through service or support providers	Contact an HP-authorized service or support provider.
Order using the HP Embedded Web Server (EWS)	To access, in a supported web browser on your computer, enter the printer IP address or host name in the address/URL field The EWS contains a link to the HP SureSupply website, which provides options for purchasing Original HP supplies.

Orderable parts

Not all of the parts shown in the diagrams in this chapter can be ordered. Refer to the table following the diagram or the parts lists at the end of this chapter to determine if a part is orderable.

Supplies and accessories

Item	Description	Cartridge number	Part number
Supplies			
HP 655A Black LaserJet Toner Cartridge (M652/M653/E65050/E65060/ E65150/E65160)	Standard-capacity replacement black cartridge	655A	CF450A
HP 655A Cyan LaserJet Toner Cartridge (M652/M653/E65050/E65060/ E65150/E65160)	Standard-capacity replacement cyan cartridge	655A	CF451A
HP 655A Yellow LaserJet Toner Cartridge (M652/M653/E65050/ E65060/E65150/E65160)	Standard-capacity replacement yellow cartridge	655A	CF452A
HP 655A Magenta LaserJet Toner Cartridge (M652/M653/E65050/ E65060/E65150/E65160)	Standard-capacity replacement magenta cartridge	655A	CF453A
HP 656X Black LaserJet Toner Cartridge (M652/M653/E65050/E65060/ E65150/E65160)	High-capacity replacement black toner cartridge	656X	CF460X
HP 656X Cyan LaserJet Toner Cartridge (M652/M653/E65050/E65060/ E65150/E65160)	High-capacity replacement cyan toner cartridge	656X	CF461X
HP 656X Yellow LaserJet Toner Cartridge (M652/M653/E65050/ E65060/E65150/E65160)	High-capacity replacement yellow toner cartridge	656X	CF462X
HP 656X Magenta LaserJet Toner Cartridge (M652/M653/E65050/ E65060/E65150/E65160)	High-capacity replacement magenta toner cartridge	656X	CF463X
HP 657X Black LaserJet Toner Cartridge (M681/M682/E67550/E67560/ E67650/E67660)	High-capacity replacement black toner cartridge	657X	CF470X

Item	Description	Cartridge number	Part number
HP 657X Cyan LaserJet Toner Cartridge (M681/M682/E67550/E67560/ E67650/E67660)	High-capacity replacement cyan toner cartridge	657X	CF471X
HP 657X Yellow LaserJet Toner Cartridge (M681/M682/E67550/ E67560/E67650/E67660)	High-capacity replacement yellow toner cartridge	657X	CF472X
HP 657X Magenta LaserJet Toner Cartridge (M681/M682/E67550/ E67560/E67650/E67660)	High-capacity replacement magenta toner cartridge	657X	CF473X
HP Staple Cartridge Refil	Replacement staple cartridges for the M681z/M682z/E67660z models	Not applicable	J8J96A (new) J7Z09-67933 (service)
Accessories			
HP Color LaserJet 550-sheet Paper Tray	Optional 550-sheet paper feeder NOTE: The printer supports up to two 1 x 550-sheet paper feeders unless other input devices are present.	Not applicable	P1B09A
HP Color LaserJet 550-sheet Paper Tray with Stand	Optional 550-sheet paper feeder with stand	Not applicable	P1B10A
HP Color LaserJet 3 x 550-sheet Paper Tray with Stand	Optional 3 x 550-sheet paper feeder with stand to support the printer	Not applicable	P1B11A
HP Color LaserJet High Capacity Paper Feeder with Stand	Optional 2,000-sheet paper feeder and 550-sheet paper feeder with stand to support the printer	Not applicable	P1B12A
HP LaserJet Keyboard Overlay Kit for Simplifie Chinese & Traditional Chinese (Flow models only)	Language-specific adhesive overlay for the physical keyboard	Not applicable	A7W12A
HP LaserJet Keyboard Overlay Kit for Swedish (Flow models only)	Language-specific adhesive overlay for the physical keyboard	Not applicable	A7W14A
HP 1GB DDR3 x32 144-Pin 800MMHz SODIMM	Optional DIMM for expanding the memory	Not applicable	E5K48A
HP Trusted Platform Module	Automatically encrypts all data that passes through the printer	Not applicable	F5S62A
HP Foreign Interface Harness	Optional port for connecting third-party devices	Not applicable	B5L31A
HP LaserJet MFP Analog Fax Accessory 500	Optional fax accessory for the dh model	Not applicable	CC487A
HP Jetdirect 2900nw Print Server	USB wireless print server accessory	Not applicable	J8031A
HP Jetdirect 3000w NFC/Wireless Accessory	Wi-Fi direct accessory for “touch” printing from mobile devices	Not applicable	J8030A
HP Internal USB ports	Two internal USB ports for connecting third-party devices	Not applicable	B5L28A

Customer self-repair parts

Customer Self-Repair (CSR) parts are available for many HP LaserJet printers to reduce repair time. More information about the CSR program and benefit can be found at www.hp.com/go/csr-support and www.hp.com/go/csr-faq.

Genuine HP replacement parts can be ordered at www.hp.com/buy/parts or by contacting an HP-authorized service or support provider. When ordering, one of the following will be needed: part number, serial number (found on back of printer), product number, or printer name.

- Parts listed as **Mandatory** self-replacement are to be installed by customers, unless you are willing to pay HP service personnel to perform the repair. For these parts, on-site or return-to-depot support is not provided under the HP printer warranty.
- Parts listed as **Optional** self-replacement can be installed by HP service personnel at your request for no additional charge during the printer warranty period.

Item	Description	Self-replacement options	Part number
1x550 Sheet Feeder Kit	Replacement 1x550-sheet feeder	Mandatory	P1B09-67901
Secure Hard Disk Drive	Replacement hard disk drive	Mandatory	B5L29-67903
HP 1GB DDR3 x32 144-Pin 800MHz SODIMM	Replacement memory DIMM	Mandatory	E5K48-67902
Analog Fax Accessory 500 Kit	Replacement fax board	Mandatory	CC522-67929
HP Trusted Platform Module kit	Replacement trusted platform module	Mandatory	B5L31-67902
HP Foreign Interface Harness kit	Replacement foreign interface harness	Mandatory	F5S62-61001
HP Jetdirect 2900nw Print Server	Replacement USB wireless print server accessory	Mandatory	J8031-61001
HP Jetdirect 3000w NFC/Wireless Accessory	Replacement Wireless Direct Print accessory for “touch” printing from mobile devices	Mandatory	J8030-61001
Scanner white backing	Replacement white plastic backing for the scanner	Mandatory	5851-7206
Control-panel kit	Replacement touchscreen control panel	Mandatory	5851-7210
Retention Clip Assembly	Replacement retention clips that are behind the scanner white backing	Mandatory	5851-7207
ADF Maintenance Kit	Maintenance kit for the document feeder	Mandatory	5851-7202
U.S. English Keyboard Kit	Replacement keyboard for Flow models	Mandatory	B5L47-67019
U.K. English Keyboard Kit	Replacement keyboard for Flow models	Mandatory	B5L47-67020
Keyboard Overlay Kit French, Italian, Russian, German, U.K. Spanish	Replacement keyboard overlay for Flow models	Mandatory	5851-6019
Keyboard Overlay Kit Canadian French, Latin American Spanish, U.S. Spanish	Replacement keyboard overlay for Flow models	Mandatory	5851-6020

Item	Description	Self-replacement options	Part number
Keyboard Overlay Kit Swiss French, Swiss German, Danish	Replacement keyboard overlay for Flow models	Mandatory	5851-6021
Keyboard Overlay Kit Simplifie Chinese, Traditional Chinese	Replacement keyboard overlay for Flow models	Mandatory	5851-6022
Keyboard Overlay Kit Spanish, Portuguese	Replacement keyboard overlay for Flow models	Mandatory	5851-6023
Keyboard Overlay Kit Japanese (KG and KT)	Replacement keyboard overlay for Flow models	Mandatory	5851-6024

Related documentation and software

HP service personnel, go to one of the following Web-based Interactive Search Engines (WISE) sites:

AMS

- https://support.hp.com/wise/home/ams-en
- https://support.hp.com/wise/home/ams-es
- https://support.hp.com/wise/home/ams-pt
- https://support.hp.com/wise/home/ams-fr

APJ

- https://support.hp.com/wise/home/apj-en
- https://support.hp.com/wise/home/apj-ja
- https://support.hp.com/wise/home/apj-ko
- https://support.hp.com/wise/home/apj-zh-Hans
- https://support.hp.com/wise/home/apj-zh-Hant
- https://support.hp.com/wise/home/apj-th

EMEA

- https://support.hp.com/wise/home/emea-en

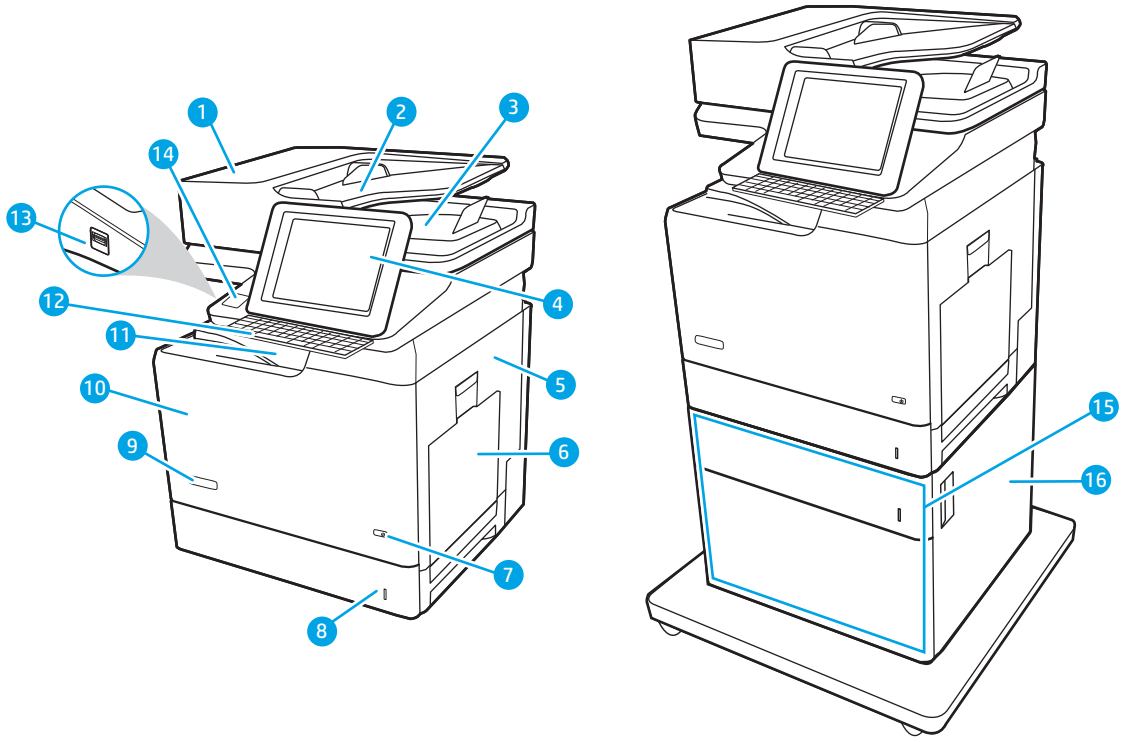
Channel partners, go to partner.hp.com .

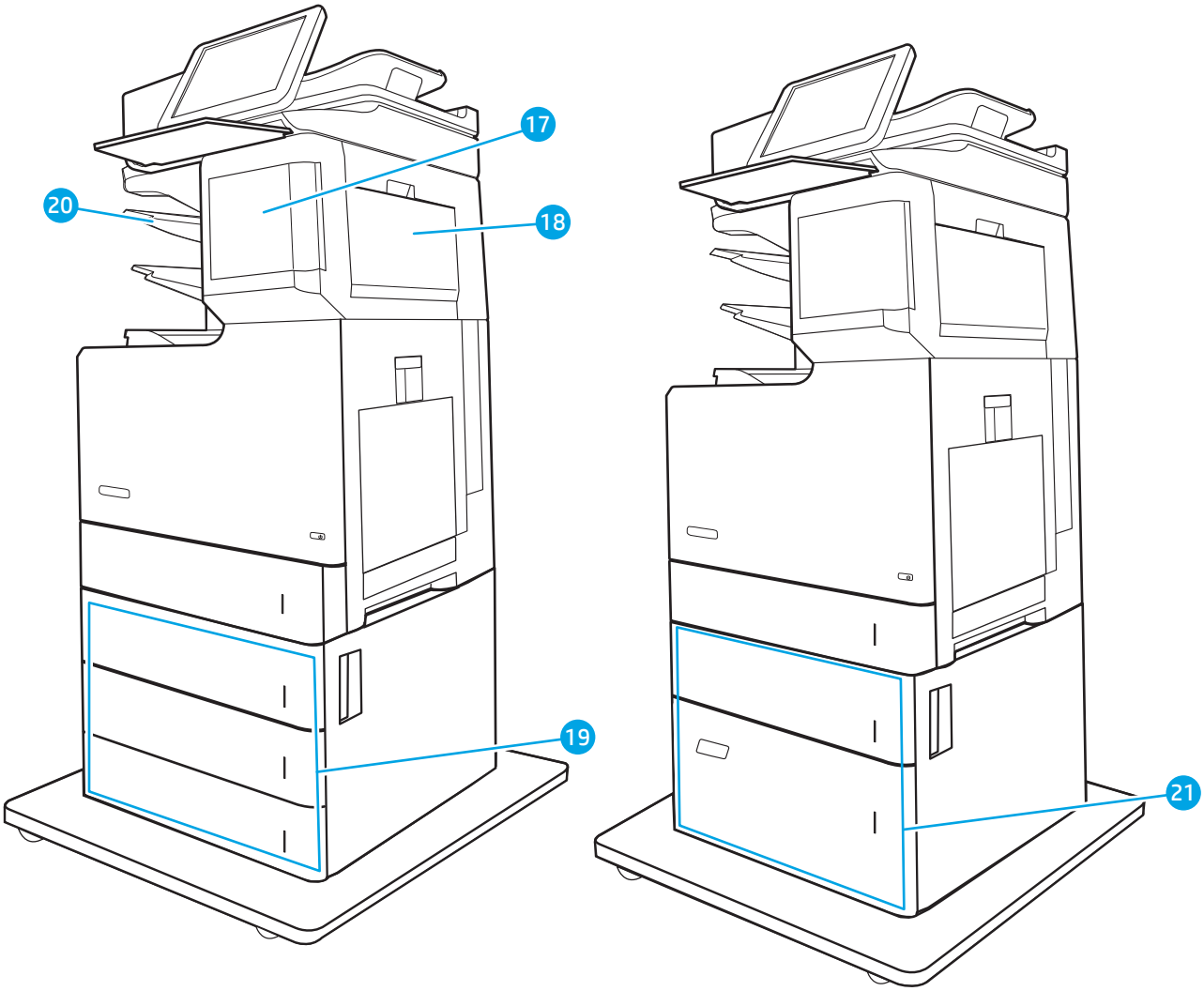
Channel partners, access training materials in the HP University and Partner Learning Center at https://content.ext.hp.com/sites/LMS/HPU.page.

Assembly locations

- Product front view (M681/M682/E67550/E67560/E67650/E67660 models)
- Product back view (M681/M682/E67550/E67560/E67650/E67660 models)
- Product front view (M681/M682/E67550/E67560/E67650/E67660 models)
- Product back view (M652/M653/E65050/E65060/E65150/E65160 models)

Product front view (M681/M682/E67550/E67560/E67650/E67660 models)

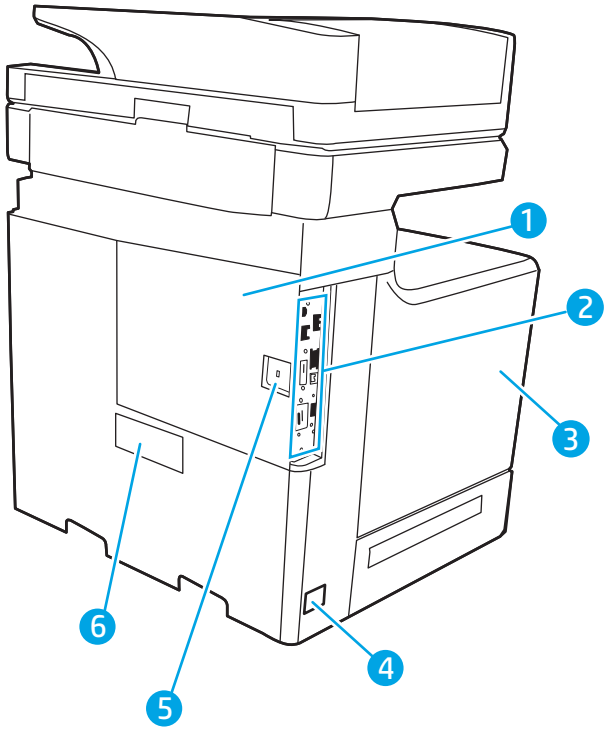




1	Document-feeder cover (access for clearing jams)
2	Document-feeder input tray
3	Document-feeder output bin NOTE: When feeding long paper through the document feeder, extend the paper stop at the right side of the output bin.
4	Control panel with color touchscreen display (tilts up for easier viewing)
5	Right door (access to the fuser and for clearing jams)
6	Tray 1
7	On/o button
8	Tray 2
9	Model name
10	Front door (access to the toner cartridges)
11	Standard output bin
12	Physical keyboard (Flow models only). Pull the keyboard straight out to use it. CAUTION: Close the keyboard when it is not in use.

13	Easy-access USB port (on the side of the control panel) Insert a USB flas drive for printing or scanning without a computer or to update the printer firmware NOTE: An administrator must enable this port before use.
14	Hardware integration pocket (for connecting accessory and third-party devices)
15	1x550-sheet paper feeder with stand
16	Lower-right door (access for clearing jams)
17	Stapler-cartridge door (z models only)
18	Stapler/stacker-right door (z models only) (access for clearing jams)
19	3x550-sheet paper feeder with stand
20	2-bin stapler/stacker
21	High-capacity paper feeder and 550-sheet paper feeder with stand

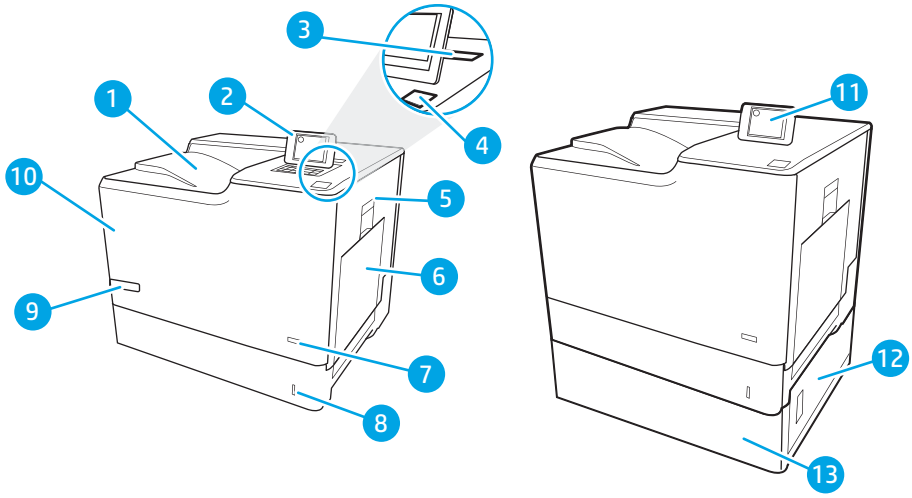
Product back view (M681/M682/E67550/E67560/E67650/E67660 models)



1	Formatter cover
2	Formatter (contains the interface ports)
3	Left door (access to the toner-collection unit)
4	Power connection

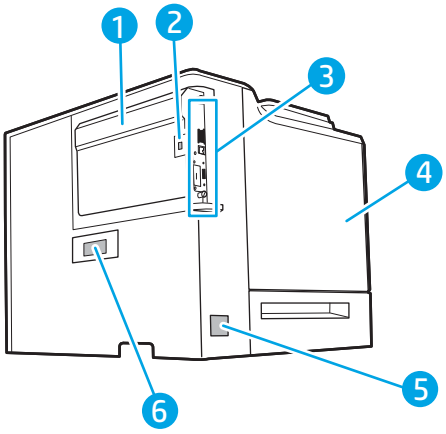
5	Slot for a cable-type security lock
6	Serial number and product number label

Product front view (M681/M682/E67550/E67560/E67650/E67660 models)



1	Output bin
2	Control panel with color graphical display and keypad (M652 models only)
3	Hardware integration pocket for connecting accessory and third-party devices
4	Easy-access USB port Insert a USB flas drive for printing without a computer or to update the printer firmware NOTE: An administrator must enable this port before use.
5	Right door (access to the fuser and for clearing jams)
6	Tray 1
7	On/o button
8	Tray 2
9	Model name
10	Front door (access to the toner cartridges)
11	Control panel with color touchscreen display (M653 models only)
12	Lower-right door (access for clearing jams)
13	1 x 550-sheet paper feeder, Tray 3 (included with the M653x model, optional for the other models)

Product back view (M652/M653/E65050/E65060/E65150/E65160 models)



1	Formatter cover
2	Slot for a cable-type security lock
3	Formatter (contains the interface ports)
4	Left door (access to the toner-collection unit)
5	Power connection
6	Serial number and product number label

How to use the parts lists and diagrams

The figure in this chapter show the major subassemblies in the product and their component parts. A parts list table follows each exploded view assembly diagram. Each table lists the item number, the associated part number, and the description of each part. If a part is not listed in the table, then it is not a fiel replacement unit (FRU).

⚠ CAUTION: Be sure to order the correct part. When looking for part numbers for electrical components, pay careful attention to the voltage that is listed in the description column. Doing so will ensure that the part number selected is for the correct model.

NOTE: In this manual, the abbreviation “PCA” stands for “printed circuit-board assembly.” Components described as a PCA might consist of a single circuit board or a circuit board plus other parts, such as cables and sensors.

Parts and diagrams: Document feeder and scanner whole units

Figure 2-1 Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 models only)

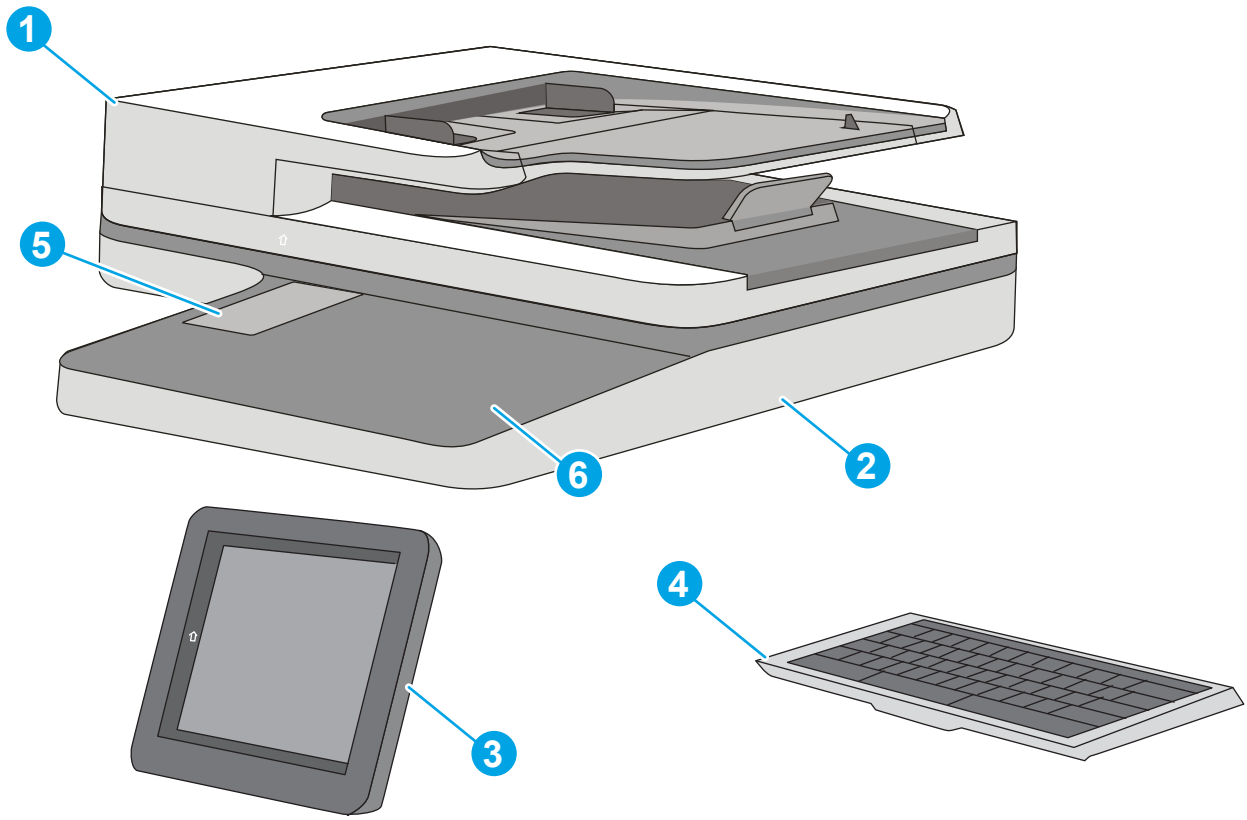


Table 2-1 Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 only)

Ref	Description	Part number	Qty
1	Document feeder (non-Flow models) kit; includes white backing and retention clips	5851-7203	1
1	Document feeder (Flow models) kit; includes white backing and retention clips	5851-7204	1
2	Image scanner kit; includes white backing and retention clips, keyboard cover, and rear cover	J8A10-67901	1
3	Control panel kit, M681/M682/E67550/E67560/E67650/E67660	B5L47-67018	1
4	Keyboard US (Flow models)	B5L47-67019	1
4	Keyboard UK (Flow models)	B5L47-67020	1
5	Cover, HIP	B5L46-40021	1
6	Cover, control panel	J8J63-60137	1
Not shown	Scan control board (non-Flow models)	J8J63-60109	1
Not shown	Scan control board (Flow models)	J8A08-60103	1
Not shown	Scan control board (Enterprise	5851-7764	1
Not shown	White backing retention clip kit	5851-7207	1
Not shown	Cover, USB	RC4-9423-000	1
Not shown	ADF hinge kit	5851-7205	1
Not shown	LaserJet ADF roller kit	5851-7202	1
Not shown	LaserJet ADF white backing, A4, kit	5851-7202	1
Not shown	Cable, HDMI	J8A10-60113	1
Not shown	Cable, WU USB control panel	J8A10-60111	1
Not shown	Cable, HIP control panel	J8A10-60114	1
Not shown	Cable, sideband control panel	J8A10-60112	1
Not shown	Cable, SCB-formatter power	J8A10-60110	1
Not shown	Cable, SCB-formatter HDMI	J8A10-60110	1
Not shown	Keyboard overlay kit (FR, IT, RU, DE, ES: UK Kybd)	5851-6019	1
Not shown	Keyboard overlay kit (FR-CN, ES-LA, ES: US Kybd)	5851-6020	1
Not shown	Keyboard overlay kit (FR-SW, DE-SW, DA: UK Kybd)	5851-6021	1
Not shown	Keyboard overlay kit (ZHTW, ZHCN)	5851-6022	1
Not shown	Keyboard overlay kit (ES, PT)	5851-6023	1
Not shown	Keyboard overlay kit (JA-KG, JA-KT)	5851-6024	1

Parts and diagrams: Covers

Covers (M652/M653/E65050/E65060/E65150/E65160)

Figure 2-2 Covers (M652/M653/E65050/E65060/E65150/E65160)

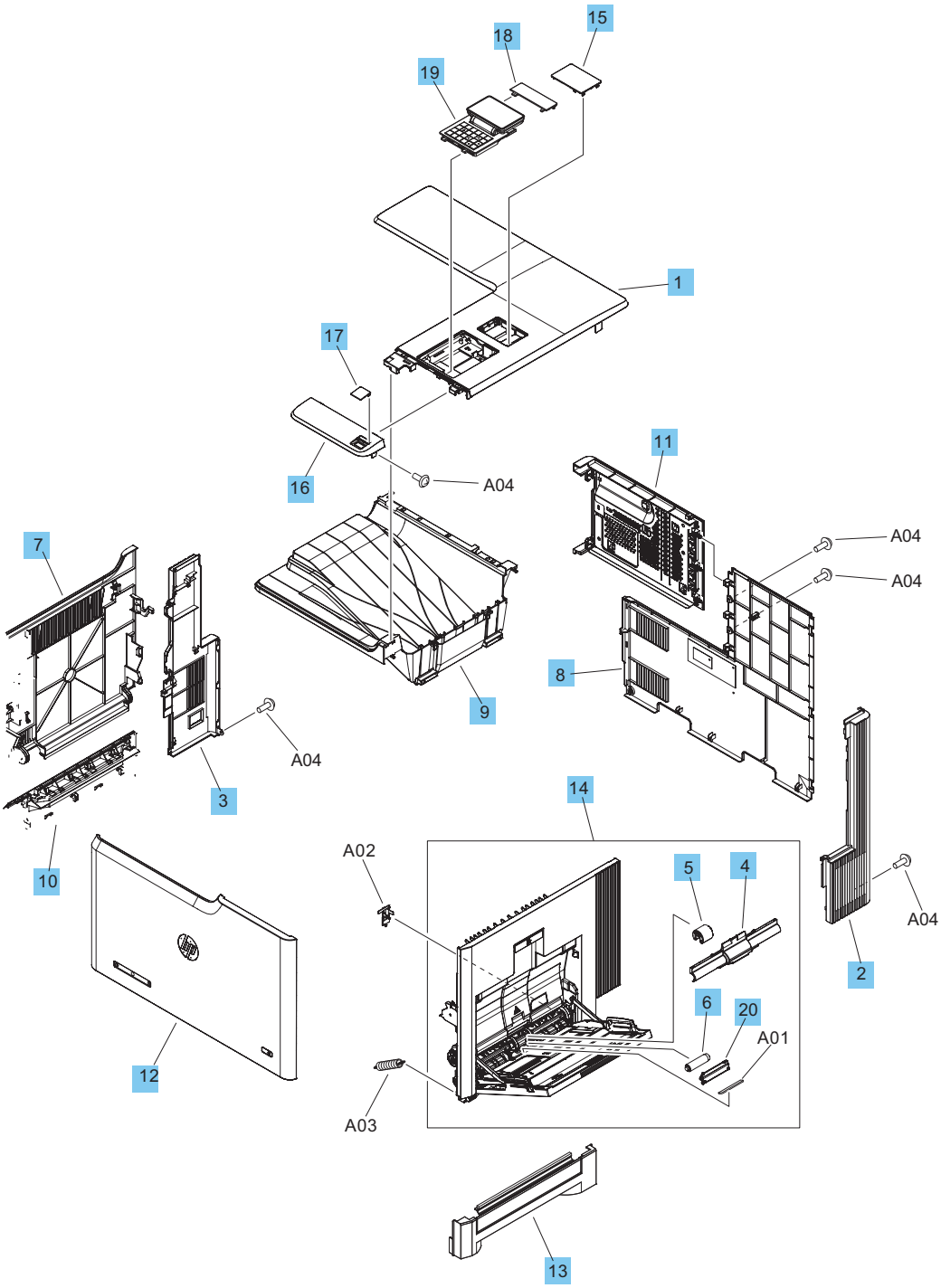


Table 2-2 Covers (M652/M653/E65050/E65060/E65150/E65160)

Ref	Description	Part number	Qty
1	Cover, top	RC4-6429-000CN	1
2	Cover, right rear	RC4-6425-000CN	1
3	Cover, left rear	RC4-6858-000CN	1
4	Cover, Tray 1 roller	RC4-7318-000CN	1
5	Roller, pickup, Tray 1	RL2-0034-000CN	1
6	Roller, separation, Tray 1	RL2-0079-000CN	1
7	Door, left	RL2-1500-000CN	1
8	Rear cover assembly	RM2-1951-000CN	1
9	Output bin assembly	RM2-1953-000CN	1
10	Left handle assembly	RM2-1958-000CN	1
11	Formatter cover assembly	RM2-6657-000CN	1
12	Front door assembly	RM2-6658-000CN	1
13	Right handle assembly	RM2-6659-000CN	1
14	Right door assembly	RM2-6622-000CN	1
15	Cover, HIP	RC4-0213-000CN	1
16	Cover, blanking	RC5-3356-000CN	1
17	Cover, USB	RC4-9423-000CN	1
18	Cover, control panel back	RC4-8239-000CN	1
19	Control panel assembly 2.7 inch	RM2-1267-010CN	1
19	Control panel kit 4.3 inch	5851-7252	1
19	Control panel 2.7 inch with keypad	5851-7975	1
20	Guide, NIP	RC5-1892-000CN	1

Covers (M681/M682/E67550/E67560/E67650/E67660)

Figure 2-3 Covers (M681/M682/E67550/E67560/E67650/E67660)

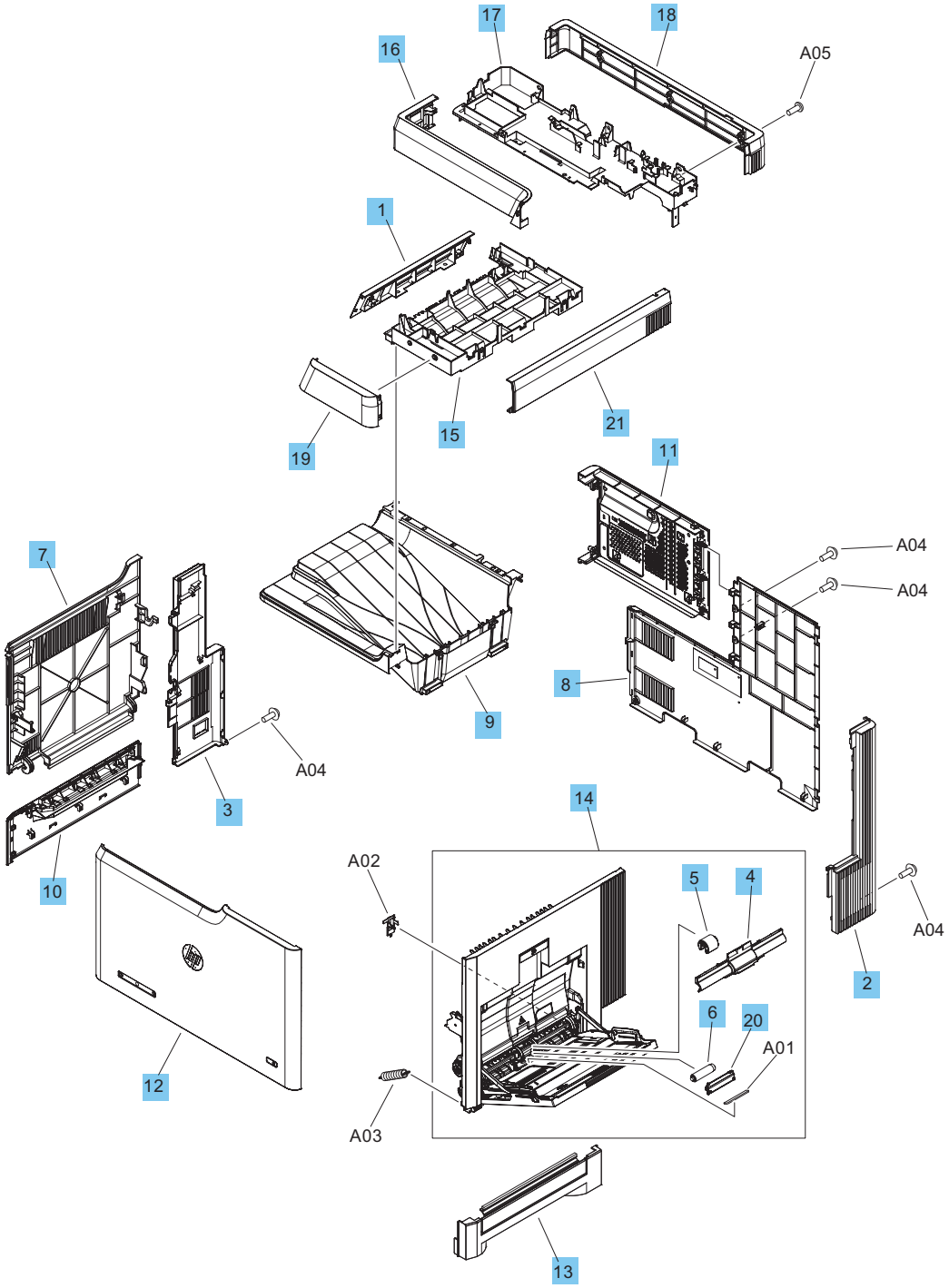


Table 2-3 Covers (M681/M682/E67550/E67560/E67650/E67660)

Ref	Description	Part number	Qty
1	Cover, top	RC4-6865-000CN	1
2	Cover, right rear	RC4-6425-000CN	1
3	Cover, left rear	RC4-6858-000CN	1
4	Cover, Tray 1 roller	RC4-7318-000CN	1
5	Roller, pickup, Tray 1	RL2-0034-000CN	1
6	Roller, separation, Tray 1	RL2-0079-000CN	1
7	Door, left	RL2-1500-000CN	1
8	Rear cover assembly	RM2-1951-000CN	1
9	Output bin assembly	RM2-1953-000CN	1
10	Left handle assembly	RM2-1958-000CN	1
11	Formatter cover assembly	RM2-6657-000CN	1
12	Front door assembly	RM2-6658-000CN	1
12	Front door assembly (E65150/E65160/E67650/E67660)	RM2-1975-000CN	1
13	Right handle assembly	RM2-6659-000CN	1
14	Right door assembly	RM2-6622-000CN	1
15	Cover, output bin	RC4-6859-000CN	1
15	Cover, output bin (E65150/E65160/E67650/E67660)	RM2-1975-000CN	1
16	Cover, front	RC4-6860-000CN	1
17	Cover, main	RC4-6861-000CN	1
18	Cover, rear	RC4-6862-000CN	1
19	Cover, output bin, front	RC5-1842-000CN	1
20	Guide, NIP	RC5-1892-000CN	1
21	Cover, right	RC5-1843-000CN	1

Parts and diagrams: Internal components

Internal components (1 of 6)

Figure 2-4 Internal components (1 of 6)

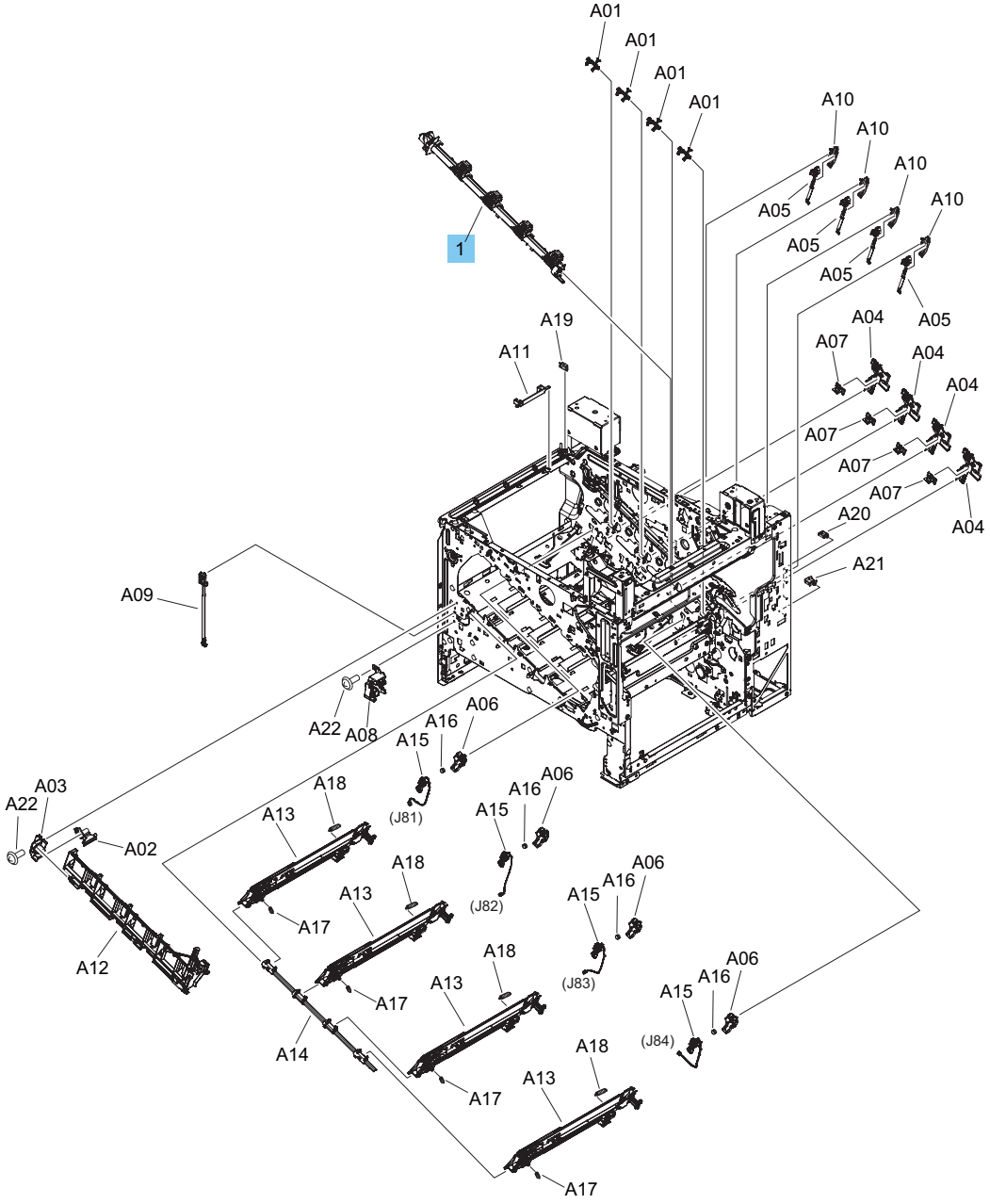


Table 2-4 Internal components (1 of 6)

Ref	Description	Part number	Qty
1	Toner carry assembly	RM2-6620-000CN	1

Internal components (2 of 6)

Figure 2-5 Internal components (2 of 5)

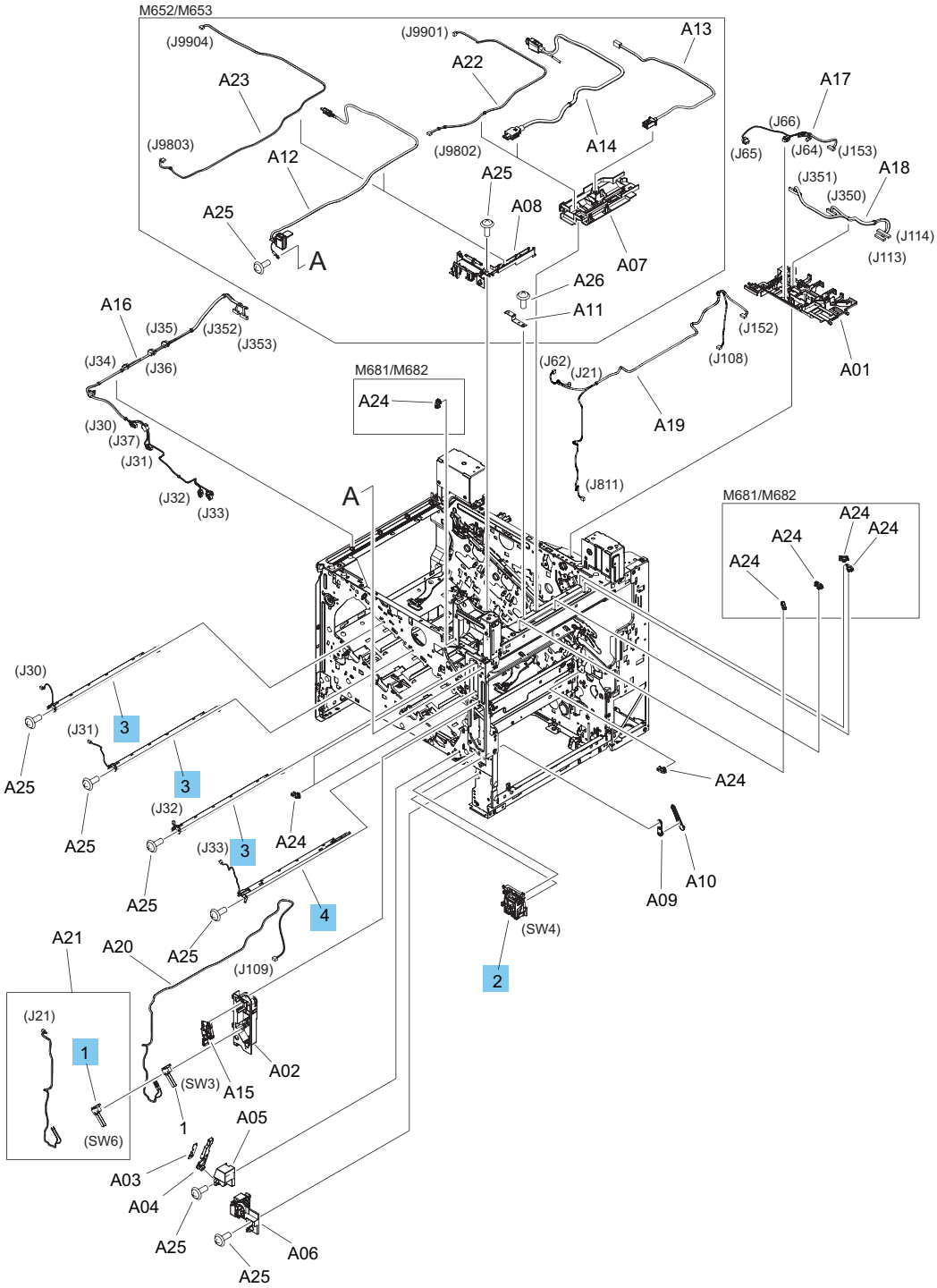


Table 2-5 Internal components (2 of 6)

Ref	Description	Part number	Qty
1	Microswitch	RM2-6545-000CN	2
2	Power supply switch assembly	RM2-1947-000CN	1
3	Pre-exposure PCA assembly	RM3-7046-000CN	3
4	Pre-exposure PCA assembly	RM3-7047-000CN	1

Internal components (3 of 6)

Figure 2-6 Internal components (3 of 6)

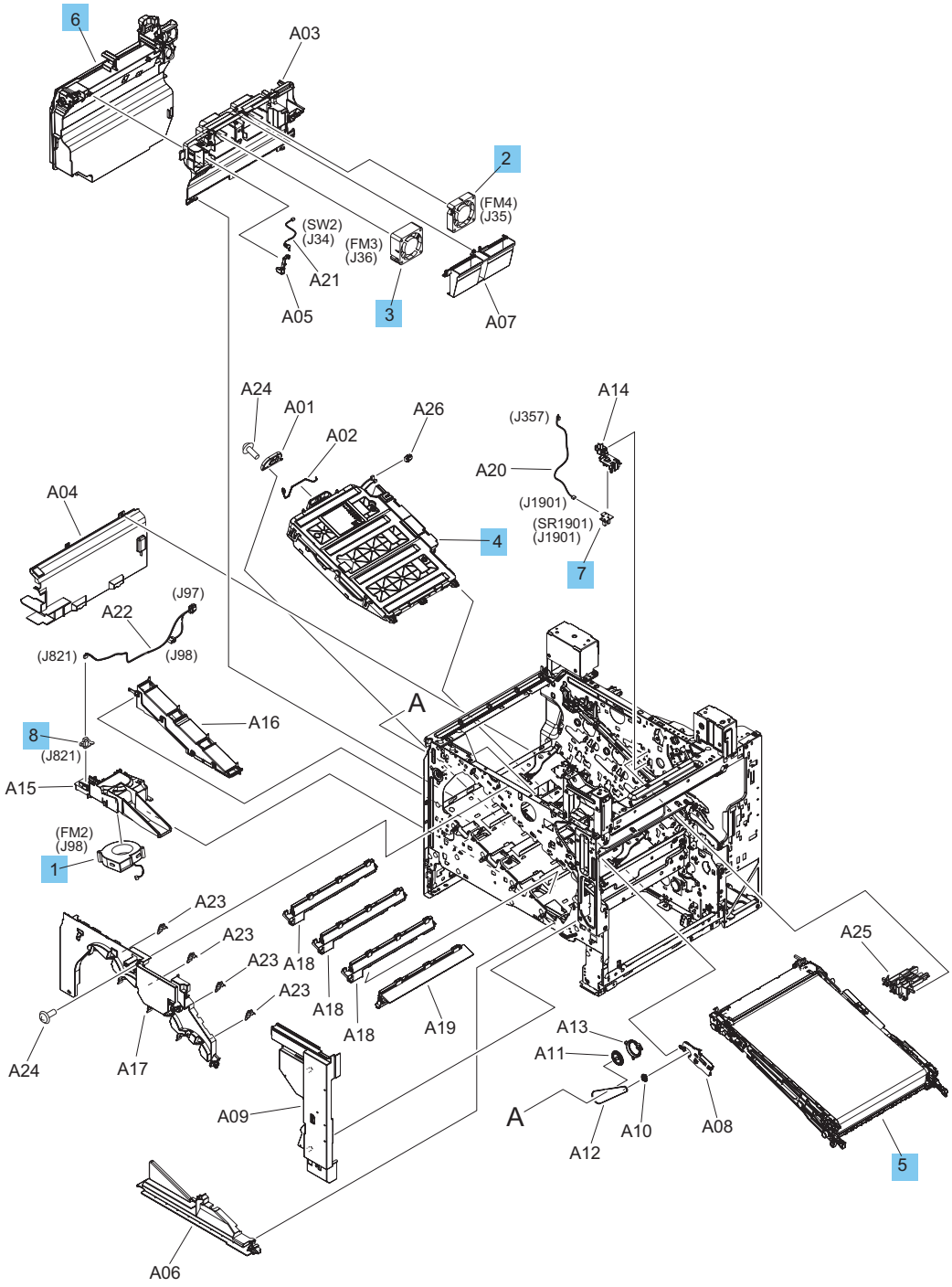


Table 2-6 Internal components (3 of 6)

Ref	Description	Part number	Qty
1	Fan	RK2-6124-000CN	1
2	Fan	RK2-7949-000CN	1
3	Fan	RK2-7951-000CN	1
4	Laser scanner assembly	RM2-1237-000CN	1
5	Image Transfer Belt (ITB) (part of LaserJet Image Transfer and Roller Kit)	P1B93-67901	1
6	Toner collection unit	RM2-6613-000CN	1
7	Estrangement detect PCA assembly	RM2-7157-000CN	1
8	Environmental sensor PCA assembly	RM2-8440-000CN	1

Internal components (4 of 6)

Figure 2-7 Internal components (4 of 6)

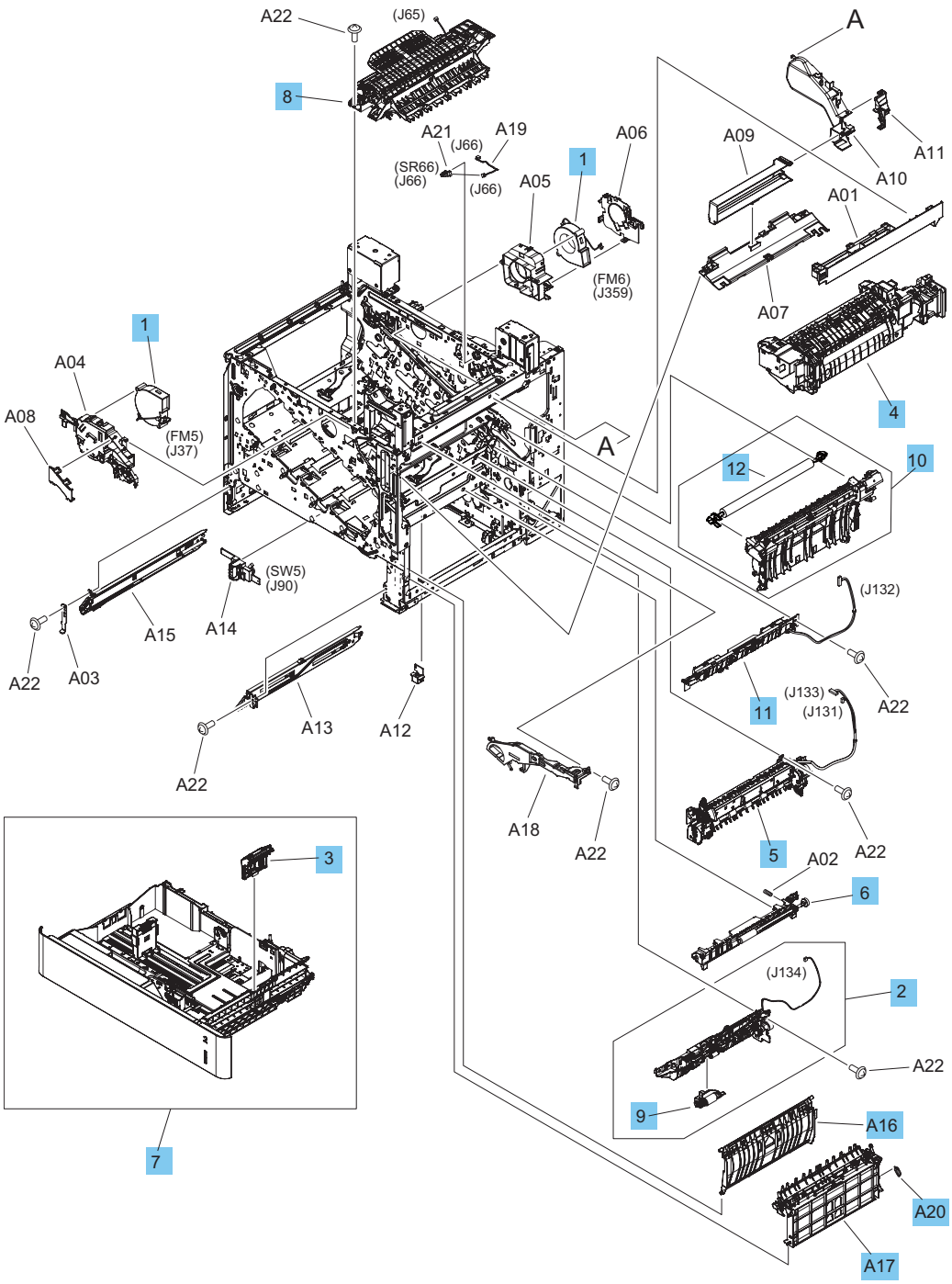


Table 2-7 Internal components (4 of 6)

Ref	Description	Part number	Qty
1	Fan	RK2-6124-000CN	2
2	Paper pick-up assembly	RM2-6556-000CN	1
3	Separation roller assembly	RM2-0064-000CN	1
4	Fuser assembly, 110-127V	RM2-1928-000CN	1
4	Fuser assembly, 220-240V	RM2-1929-000CN	1
5	Registration assembly	RM2-1957-000CN	1
6	Feed roller assembly	RM2-6684-000CN	1
7	Cassette assembly (Tray 2)	RM2-6618-000CN	1
8	Paper delivery assembly	RM2-6621-000CN	1
9	Paper pick-up roller assembly	RM2-6681-000CN	1
10	Secondary transfer assembly	RM2-6682-000CN	1
11	Density detect assembly	RM2-7160-000CN	1
12	Secondary transfer roller assembly (part of LaserJet Image Transfer and Roller Kit)	P1B93-67901	1
Not shown	Kit-Fixed Tray Guide	3GY25-67901	1
16	Guide Assembly	RM2-6650-000CN	1
17	Upper Guide Assembly	RM2-6651-000CN	1
A20	Spring	RU9-2364-000CN	1

Internal components (5 of 6)

Figure 2-8 Internal components (5 of 6)

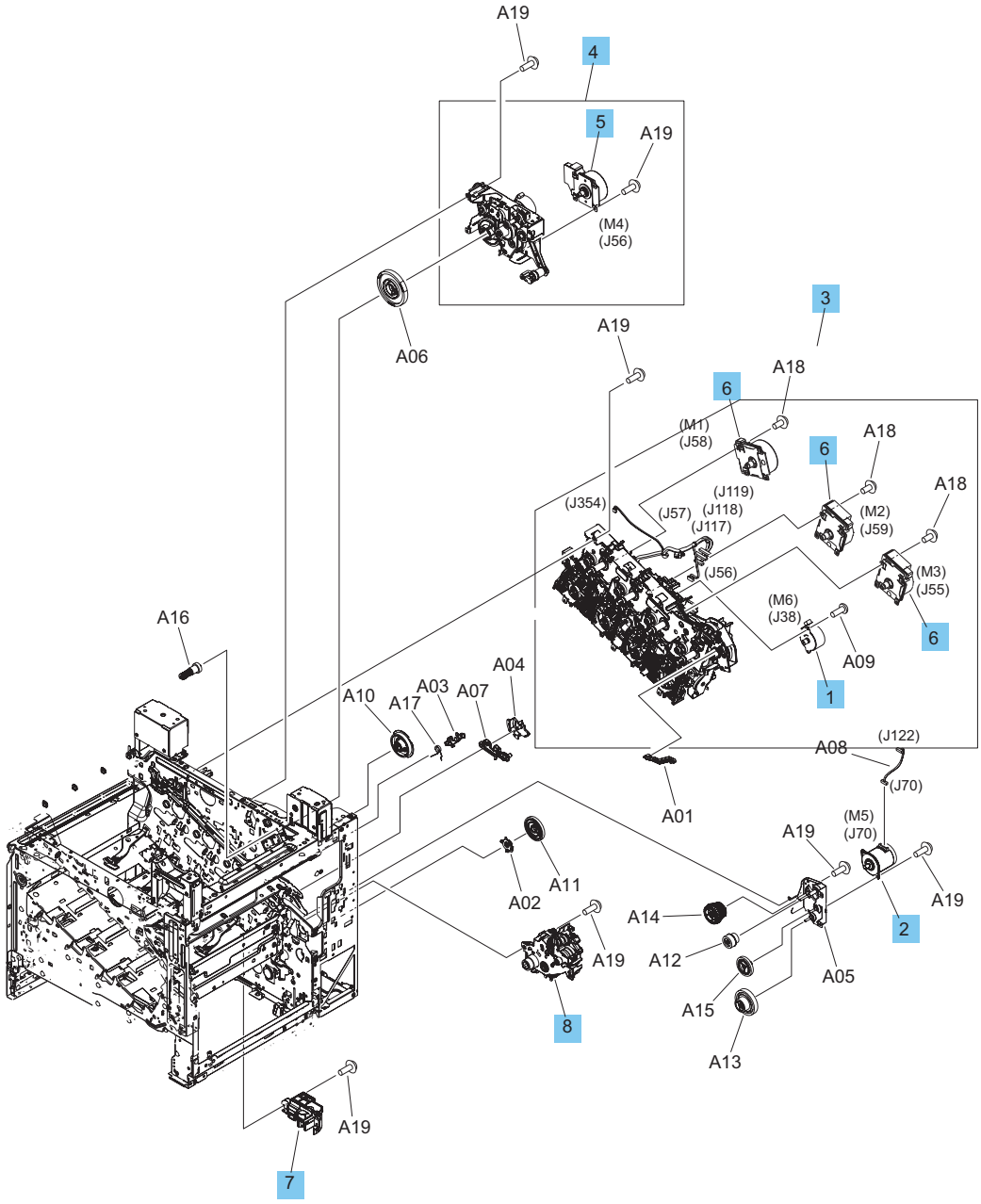


Table 2-8 Internal components (5 of 6)

Ref	Description	Part number	Qty
1	Motor, stepping (M6)	RK2-6027-000CN	1
2	Motor, stepping	RK2-7757-000CN	1
3	Main drive assembly	RM2-1927-000CN	1
4	Fuser drive assembly	RM2-1934-000CN	1
5	Fuser motor drive assembly	RM2-1955-000CN	1
6	Drum motor assembly	RM2-1956-000CN	3
7	Auto close assembly	RM2-5147-000CN	3
8	Lifter drive assembly	RM2-6669-000CN	1

Internal components (6 of 6)

Figure 2-9 Internal components (6 of 6)

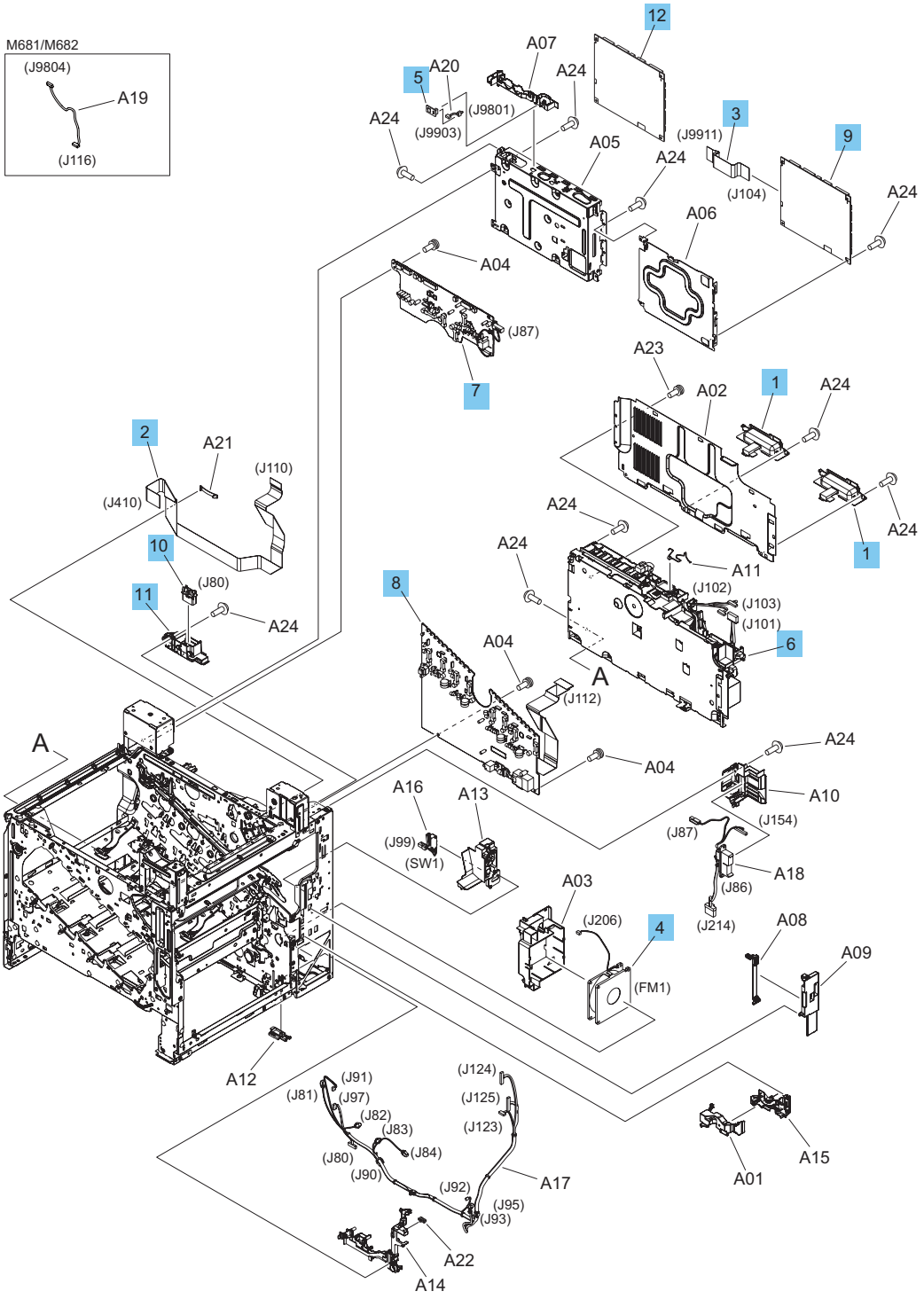


Table 2-9 Internal components (6 of 6)

Ref	Description	Part number	Qty
1	Handle, rear	RC4-9410-000CN	2
2	Cable, flexibl fla	RK2-7768-000CN	1
3	Cable, flexibl fla	RK2-7776-000CN	1
4	Fan	RK2-7953-000CN	1
5	Memory PCA	RM2-7138-000CN	1
6	Power supply PCA, 110-127V	RM2-8421-000CN	1
6	Power supply PCA, 220-240V	RM2-8422-000CN	1
7	high-voltage power supply, HVPS (T)	RM2-8424-000CN	1
8	high-voltage power supply, HVPS (D)	RM3-7006-000CN	1
9	DC controller PCA, M652/M653	RM3-7030-000CN	1
9	DC controller PCA, M681/M682	RM3-7031-000CN	1
9	DC controller PCA, E65150/E65160	RM3-7603-000CN	1
9	DC controller PCA, E67650/E67660	RM3-7606-000CN	1
10	Connector	VS1-7258-012CN	1
11	Holder, drawer connector	RC4-6497-000CN	1
12	Formatter kit (M652/M653)	J7Z98-60001	1
12	Formatter kit (M652/M653; India/China)	J7Z98-67904	1
12	Formatter kit (M681/M682)	J8A10-60001	1
12	Formatter kit (M681/M682; India/China)	J8A10-67902	1
12	Formatter kit (E65150/E65160) Formatter	3GY03-67901	1
12	kit (E67650/E67660) Formatter kit	3GY31-67901	1
12	(E65150/E65160; India/China) Formatter kit	3GY03-67902	1
12	(E67650/E67660; India/China) Kit-PEFS	3GY31-67902	1
Not shown		3GY32-67901	1

Parts and diagrams: Accessories

Parts and diagrams: Input devices

Parts and diagrams: 550-sheet paper feeder

550-sheet paper feeder covers

Figure 2-10 550-sheet paper feeder covers

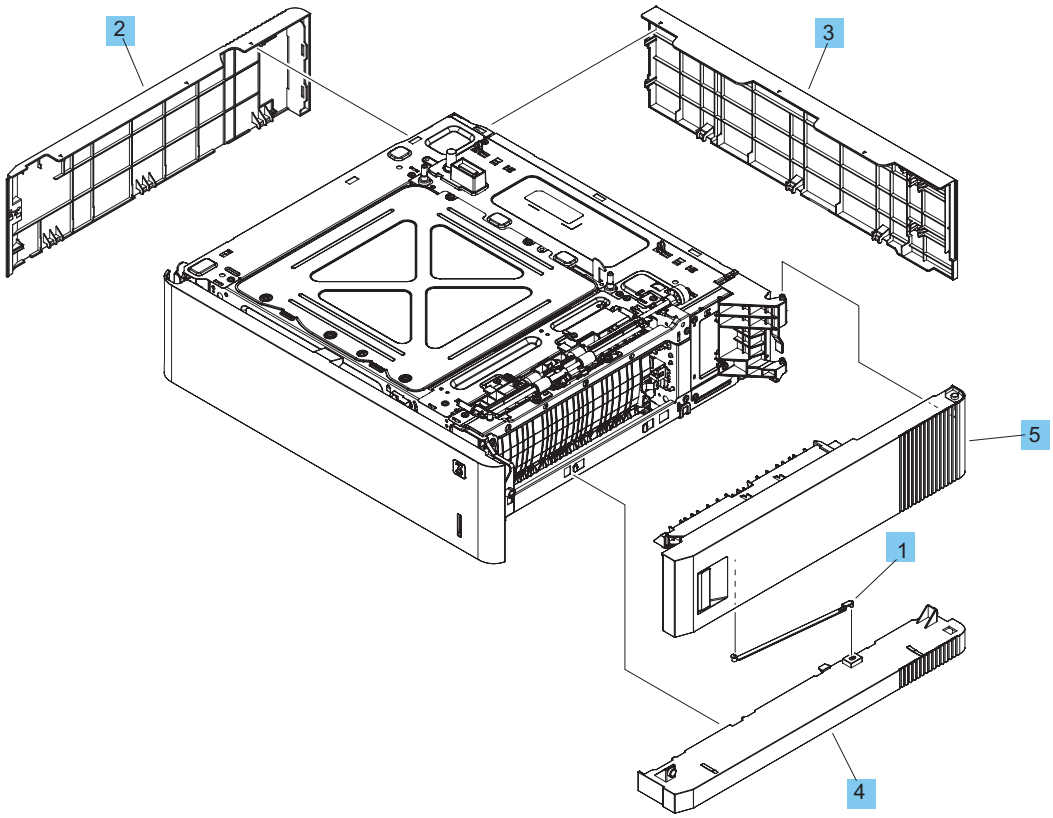


Table 2-10 550-sheet paper feeder covers

Ref	Description	Part number	Qty
1	Link, door, right (550-sheet feeder)	RC4-1778-000CN	1
2	Cover, left (550-sheet feeder)	RC4-7682-000CN	1
3	Cover, rear (550-sheet feeder)	RC4-7683-000CN	1
4	Cover, right lower (550-sheet feeder)	RC4-7684-000CN	1
5	Door assembly, right (550-sheet feeder)	RM2-6937-000CN	1

550-sheet paper feeder main body

Figure 2-11 550-sheet paper feeder main body

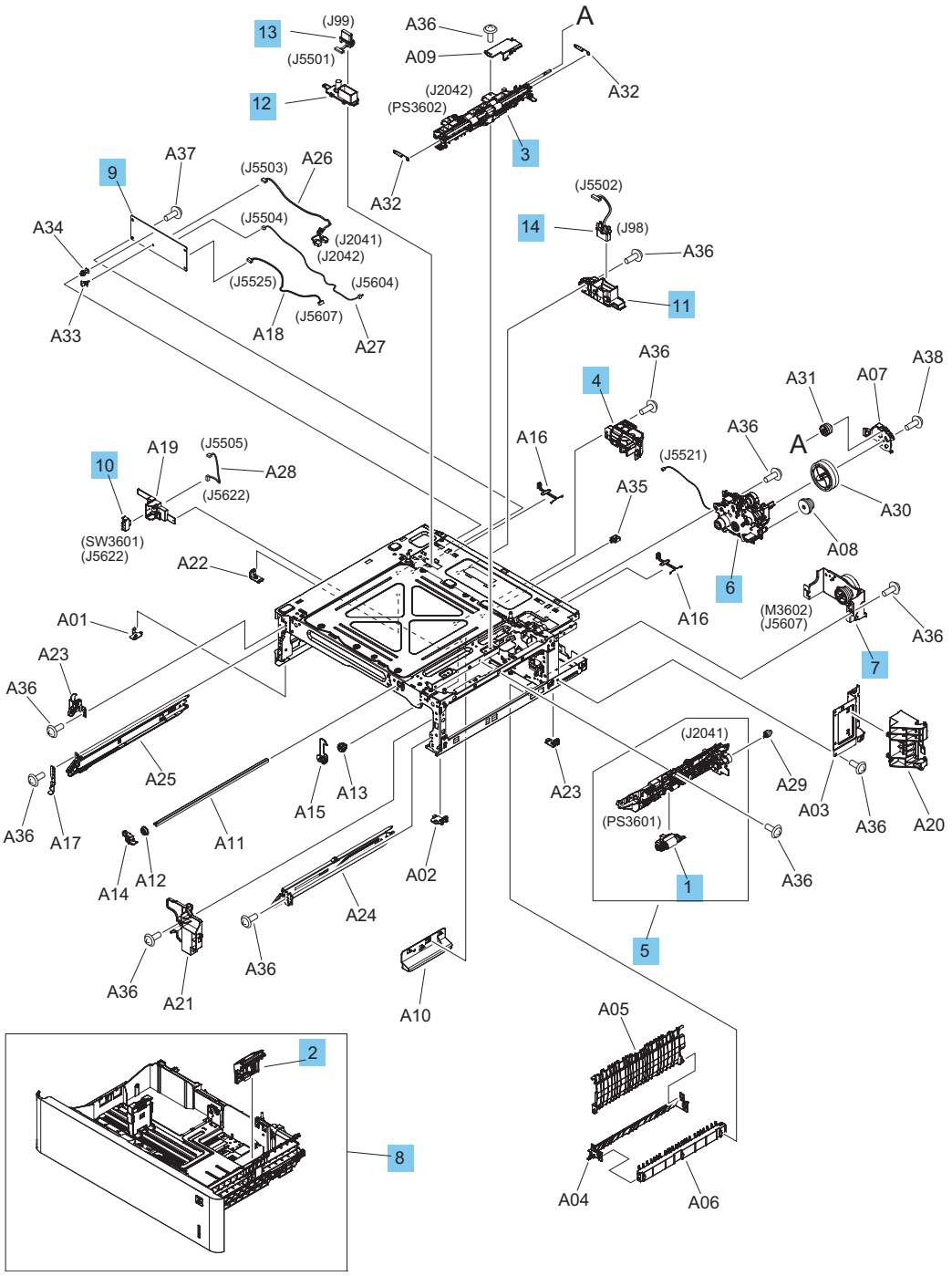


Table 2-11 550-sheet paper feeder main body

Ref	Description	Part number	Qty
1	Paper pick-up roller assembly (550-sheet feeder; part of LaserJet Trays 2-5 Roller Kit)	J7Z98-67902	1
2	Separation roller assembly (550-sheet feeder; part of LaserJet Trays 2-5 Roller Kit)	J7Z98-67902	1
3	Paper feed assembly (550-sheet feeder)	RM2-5145-000CN	1
4	Auto close assembly (550-sheet feeder)	RM2-5147-000CN	1
5	Paper pick-up assembly (550-sheet feeder)	RM2-5154-000CN	1
6	Lifter drive assembly (550-sheet feeder)	RM2-6933-000CN	1
7	Drive assembly (550-sheet feeder)	RM2-6934-000CN	1
8	Cassette assembly (550-sheet feeder)	RM2-6935-000CN	1
9	Feeder controller PCA (550-sheet feeder)	RM2-8491-000CN	1
10	Switch, push (550-sheet feeder)	WC2-5762-000CN	1
11	Holder, drawer connector (550-sheet feeder)	RC4-6497-000CN	1
12	Holder, drawer, upper (550-sheet feeder)	RC4-7680-000CN	1
13	Option upper cable assembly (550-sheet feeder)	RM2-8880-000CN	1
14	Option lower cable assembly (550-sheet feeder)	RM2-8881-000CN	1

Parts and diagrams: 1x550-sheet feeder and stand

1x550-sheet paper feeder covers

Figure 2-12 1x550-sheet paper feeder covers

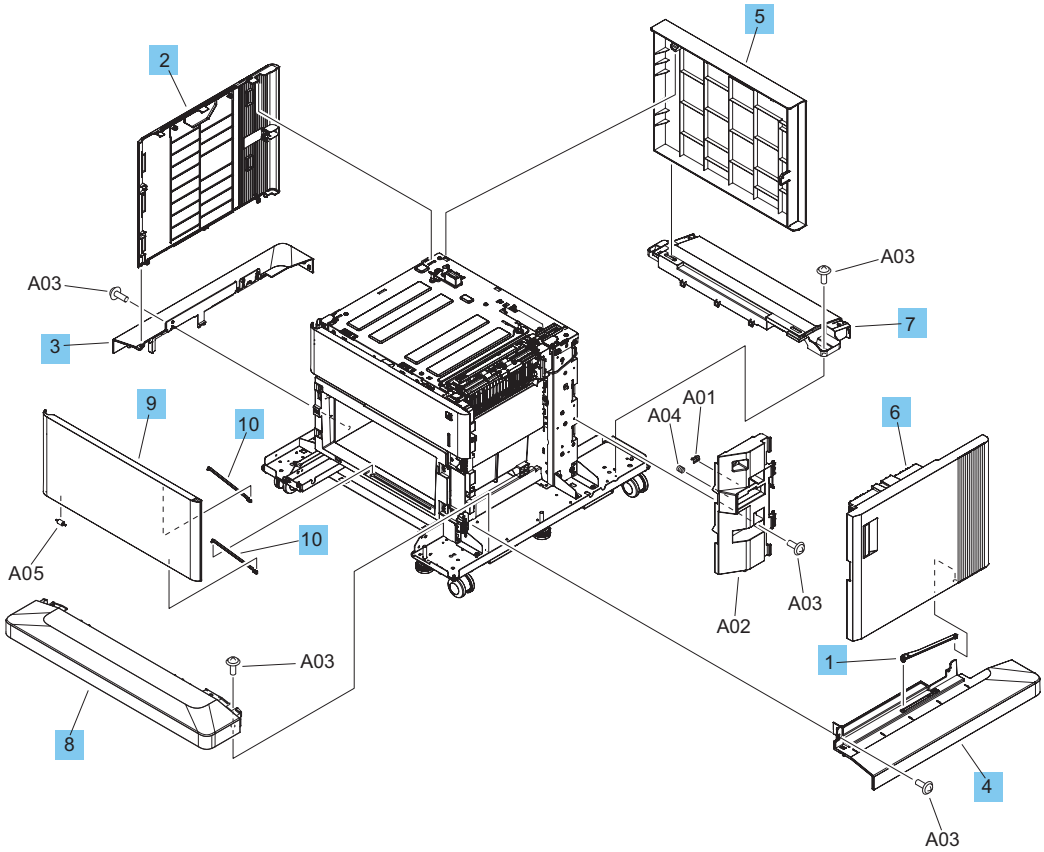


Table 2-12 1x550-sheet paper feeder covers

Ref	Description	Part number	Qty
1	Link, door (1x550-sheet feeder)	RC4-9824-000CN	1
2	Cover, left (1x550-sheet feeder)	RC5-0387-000CN	1
3	Cover, left lower (1x550-sheet feeder)	RC5-0385-000CN	1
4	Cover, right lower (1x550-sheet feeder)	RC5-0384-000CN	1
5	Cover, rear (1x550-sheet feeder)	RC5-0386-000CN	1
6	Right door assembly (1x550-sheet feeder)	RM2-1226-000CN	1
7	Cover, rear lower (1x550-sheet feeder)	RC5-0399-000CN	1
8	Cover, front lower (1x550-sheet feeder)	RC5-0383-000CN	1
9	Door, stock (1x550-sheet feeder)	RC5-0405-000CN	1
10	Link, door (1x550-sheet feeder)	RC4-1778-000CN	2

1x550-sheet paper feeder main body

Figure 2-13 1x550-sheet paper feeder main body

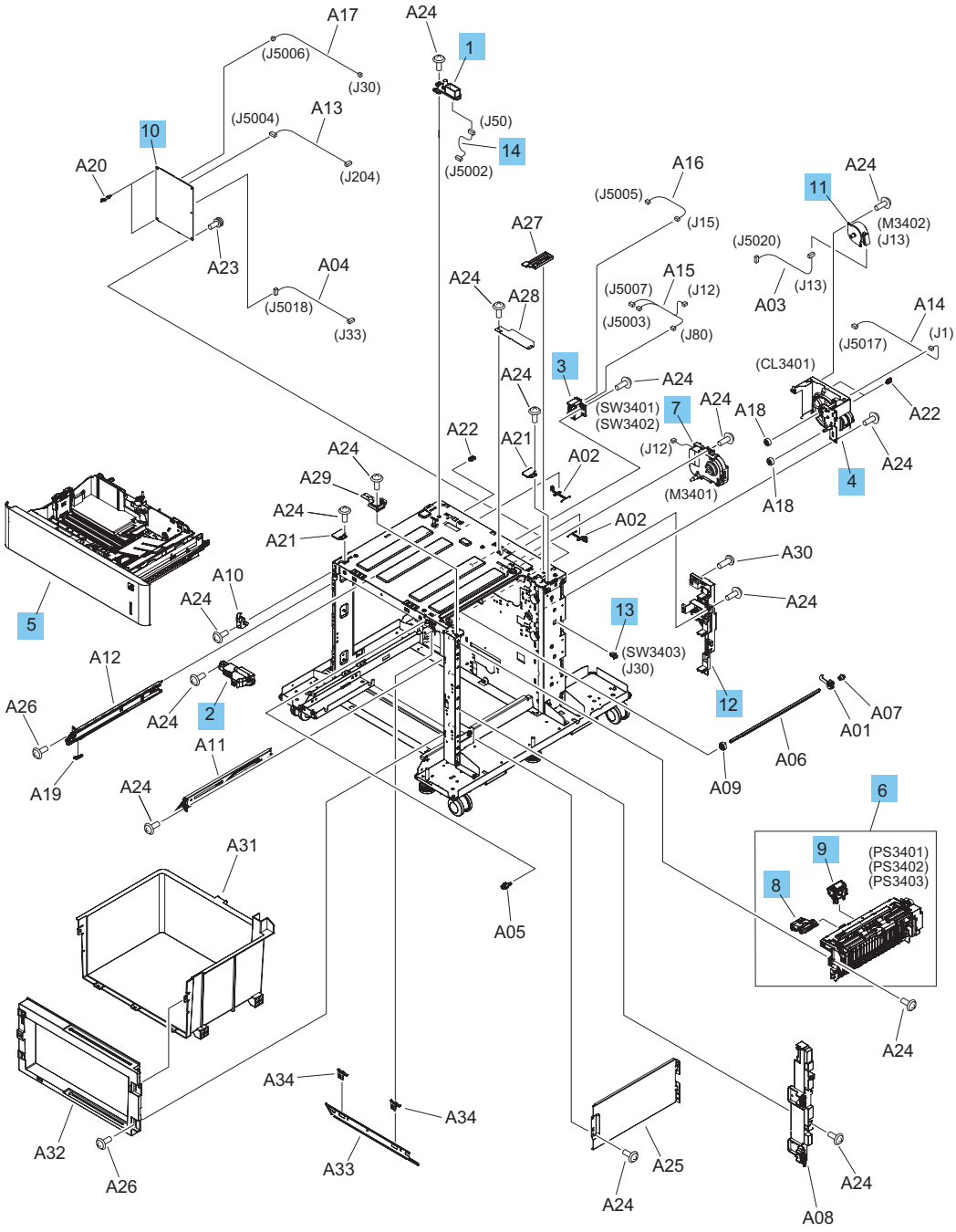


Table 2-13 1x550-sheet paper feeder main body

Ref	Description	Part number	Qty
1	Holder, drawer connector (1x550-sheet feeder)	RC4-8914-000CN	1
2	Auto close assembly (1x550-sheet feeder)	RM2-0856-000CN	1
3	Size sensor assembly (1x550-sheet feeder)	RM2-0857-000CN	1
4	Drive assembly (1x550-sheet feeder)	RM2-1222-000CN	1
5	Cassette assembly (tray; 1x550-sheet feeder)	RM2-1219-000CN	1
6	Paper pick-up assembly (1x550-sheet feeder)	RM2-1235-000CN	1
7	Lifter drive assembly (1x550-sheet feeder)	RM2-2091-000CN	1
8	Paper pickup roller assembly (1x550-sheet feeder; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	1
9	Separation roller assembly (1x550-sheet feeder; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	1
10	Paper deck cont. PCA	RM2-8482-000CN	1
11	Motor, stepping (1x550-sheet feeder)	RK2-7831-000CN	1
12	Estrangement holder assembly (1x550-sheet feeder)	RM2-1223-000CN	1
13	Switch, push (1x550-sheet feeder)	WC2-5803-000CN	1
14	Drawer upper cable assembly (1x550-sheet feeder)	RM2-9286-000CN	1

Parts and diagrams: 3x550-sheet feeder and stand

3x550-sheet paper feeder covers

Figure 2-14 3x550-sheet paper feeder covers

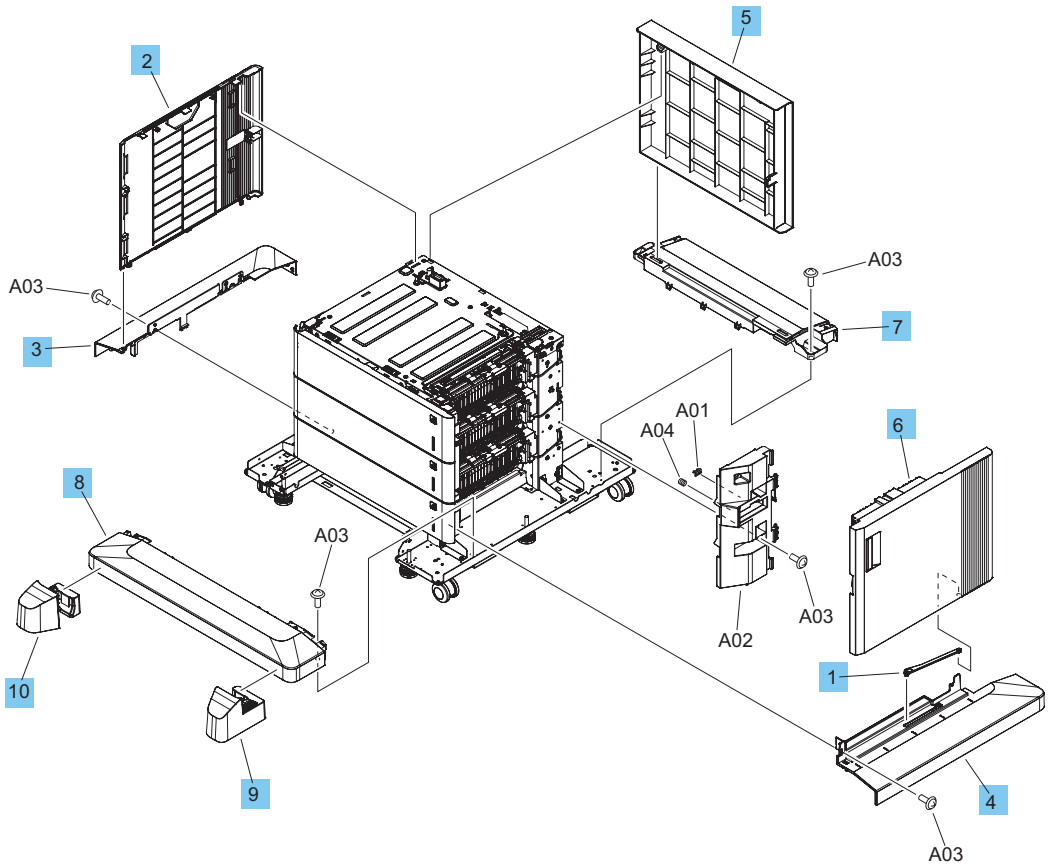


Table 2-14 3x550-sheet paper feeder covers

Ref	Description	Part number	Qty
1	Link, door (3x550-sheet feeder)	RC4-9824-000CN	1
2	Cover, left (3x550-sheet feeder)	RC5-0387-000CN	1
3	Cover, left lower (3x550-sheet feeder)	RC5-0385-000CN	1
4	Cover, right lower (3x550-sheet feeder)	RC5-0384-000CN	1
5	Cover, rear (3x550-sheet feeder)	RC5-0386-000CN	1
6	Right door assembly (3x550-sheet feeder)	RM2-1230-000CN	1
7	Cover, rear lower	RC5-0399-000CN	1
8	Cover, front lower	RC5-0383-000CN	1
9	Cover, caster, right	RC5-0417-000CN	1
10	Cover, caster, left	RC5-0418-000CN	1

3x550-sheet paper feeder main body

Figure 2-15 3x550-sheet paper feeder main body

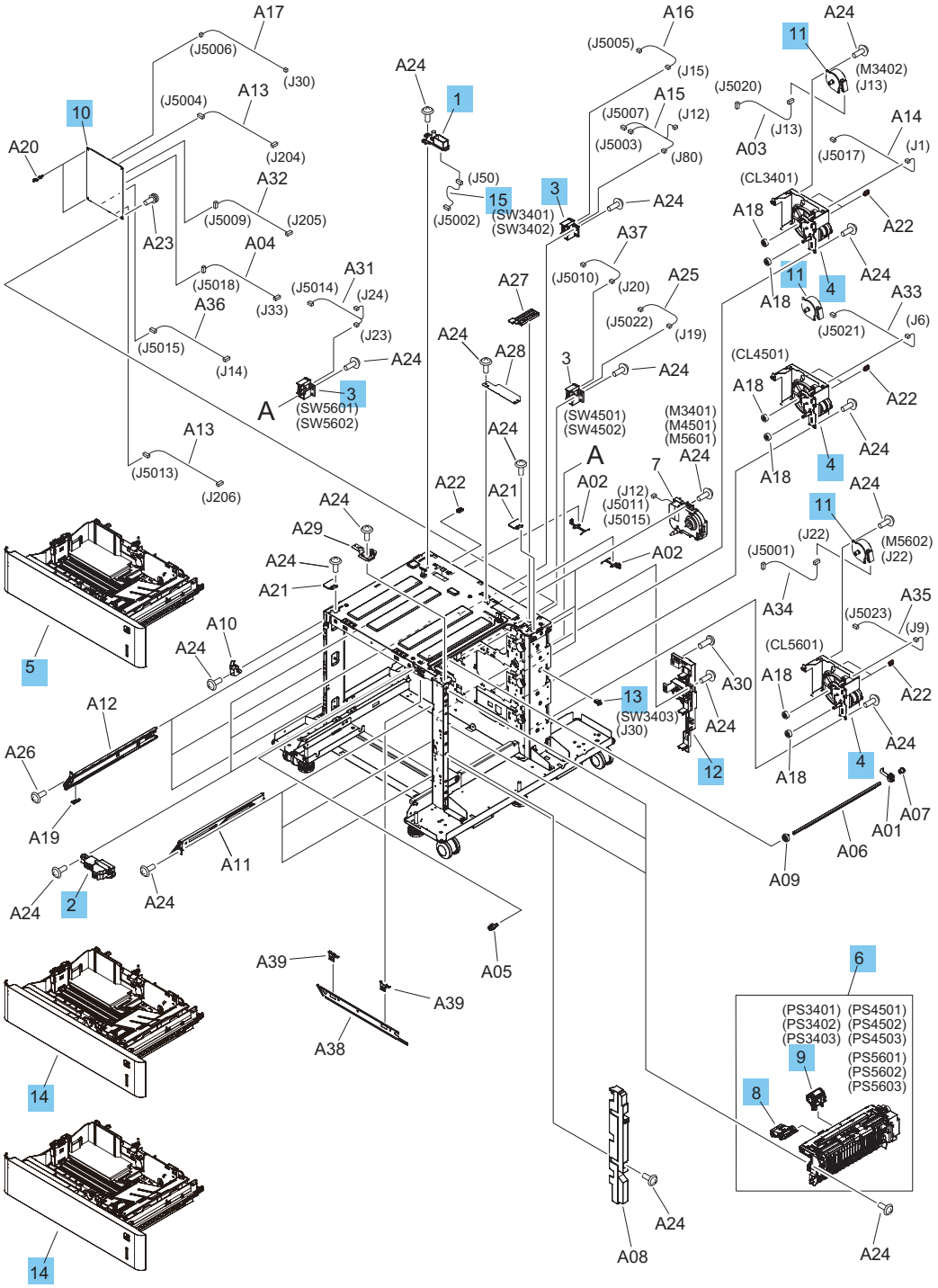


Table 2-15 3x550-sheet paper feeder main body

Ref	Description	Part number	Qty
1	Holder, drawer connector (3x550-sheet feeder)	RC4-8914-000CN	1
2	Auto close assembly (3x550-sheet feeder)	RM2-0856-000CN	3
3	Size sensor assembly (3x550-sheet feeder)	RM2-0857-000CN	3
4	Drive assembly (3x550-sheet feeder)	RM2-1222-000CN	3
5	Cassette assembly (upper tray; 3x550-sheet feeder)	RM2-1219-000CN	1
6	Paper pick-up assembly (3x550-sheet feeder)	RM2-1235-000CN	3
7	Lifter drive assembly (3x550-sheet feeder)	RM2-2091-000CN	3
8	Paper pickup roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	3
9	Separation roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	3
10	Paper deck cont. PCA (3x550-sheet feeder)	RM2-8483-000CN	1
11	Motor, stepping (3x550-sheet feeder)	RK2-7831-000CN	2
12	Estrangement holder assembly (3x550-sheet feeder)	RM2-1223-000CN	1
13	Switch, push (3x550-sheet feeder)	WC2-5803-00CN	1
14	Cassette assembly (middle/lower tray; 3x550-sheet feeder)	RM2-1231-000CN	2
15	Drawer upper cable assembly (3x550-sheet feeder)	RM2-9286-000CN	1

Parts and diagrams: HCI

HCI covers

Figure 2-16 HCI covers

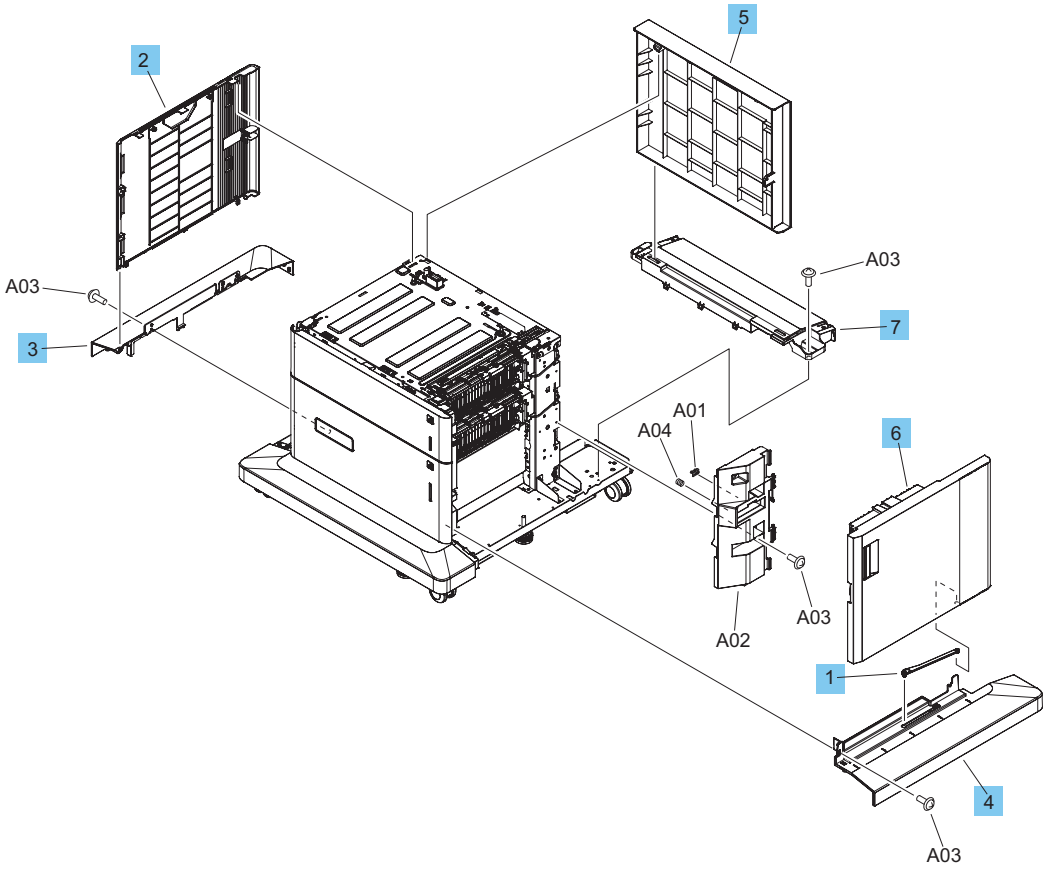


Table 2-16 HCI covers

Ref	Description	Part number	Qty
1	Link, door (HCI)	RC4-9824-000CN	1
2	Cover, left (HCI)	RC5-0387-000CN	1
3	Cover, left lower (HCI)	RC5-0385-000CN	1
4	Cover, right lower (HCI)	RC5-0384-000CN	1
5	Cover, rear (HCI)	RC5-0386-000CN	1
6	Right door assembly (HCI)	RM2-1218-000CN	1
7	Cover, rear lower (HCI)	RC5-0399-000CN	1

HCI main body

Figure 2-17 HCI main body

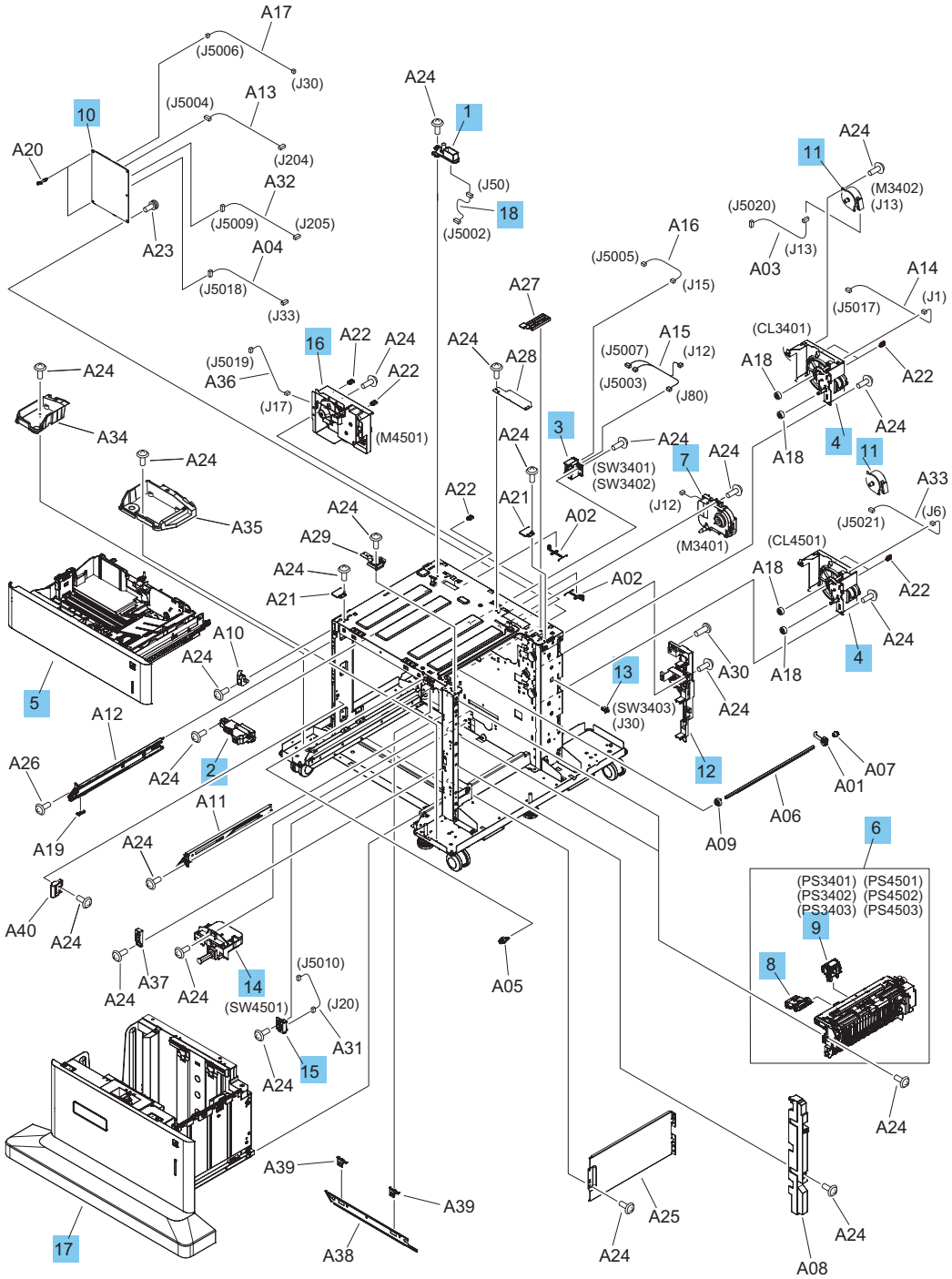


Table 2-17 HCI main body

Ref	Description	Part number	Qty
1	Holder, drawer connector (HCI)	RC4-8914-000CN	1
2	Auto close assembly (HCI)	RM2-0856-000CN	1
3	Size sensor assembly (HCI)	RM2-0857-000CN	1
4	Drive assembly (HCI)	RM2-1222-000CN	2
5	Cassette assembly (tray; HCI)	RM2-1219-000CN	1
6	Paper pick-up assembly (HCI)	RM2-1235-000CN	2
7	Lifter drive assembly (HCI)	RM2-2091-000CN	1
8	Paper pickup roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	2
9	Separation roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	2
10	Paper deck cont. PCA (HCI)	RM2-8481-000CN	1
11	Motor, stepping (HCI)	RK2-7831-000CN	1
12	Estrangement holder assembly (HCI)	RM2-1223-000CN	1
13	Switch, push (HCI)	WC2-5803-000CN	1
14	Tray auto close assembly (HCI)	RM2-0918-000CN	1
15	Size sensor assembly (HCI)	RM2-0921-000CN	1
16	Tray lifter motor drive assembly (HCI)	RM2-0915-000CN	1
17	Tray assembly (HCI)	RM2-1220-000CN	1
18	Drawer upper cable assembly (HCI)	RM2-9286-000CN	1

Parts and diagrams: Stapler/stacker assembly (M681/M682/E67550/E67560/E67650/E67660 models only)

Parts and diagrams: 2-bin stapler/stacker with offse

Stapler/stacker covers

Figure 2-18 Stapler/stacker covers

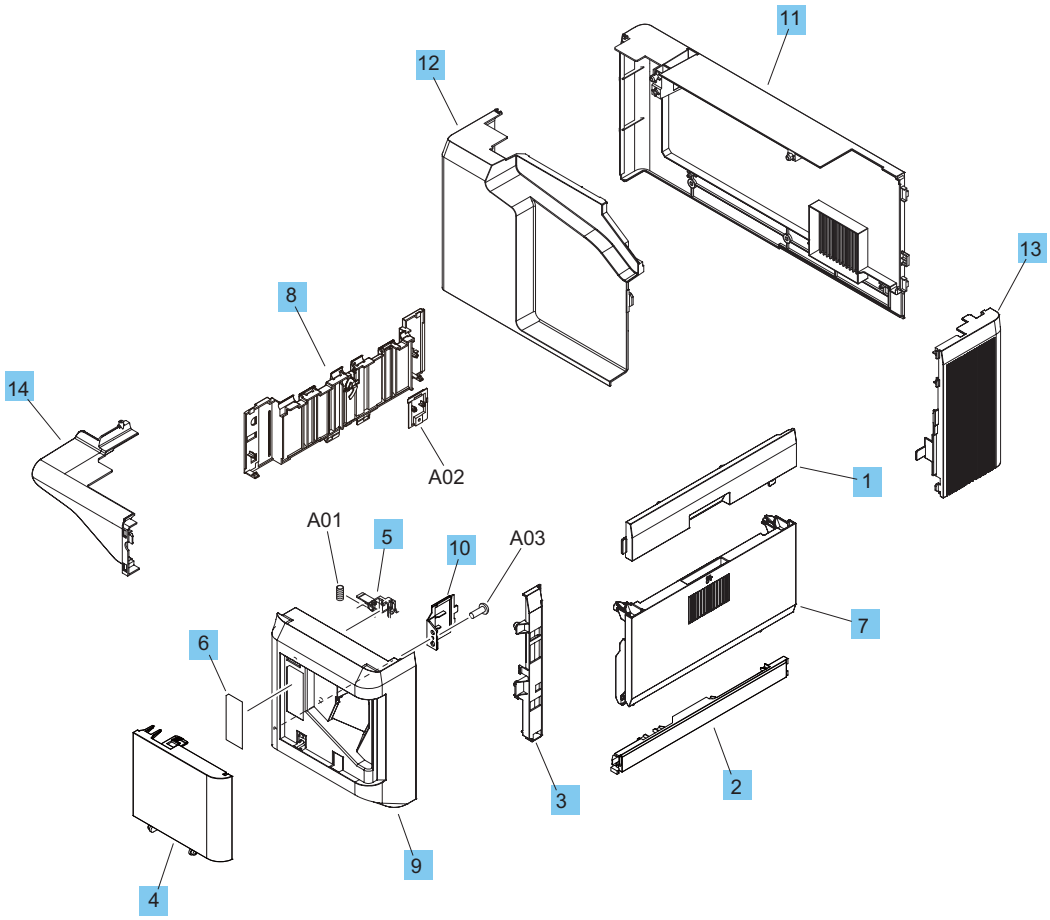


Table 2-18 Stapler/stacker covers

Ref	Description	Part number	Qty
1	Cover, right upper (stapler/stacker)	RC4-7409-000CN	1
2	Cover, right lower (stapler/stacker)	RC4-9439-000CN	1
3	Cover, staple rear (stapler/stacker)	RC4-7412-000CN	1
4	Door, staple (stapler/stacker)	RC4-9575-000CN	1
5	Arm, staple door lock (stapler/stacker)	RC4-9576-000CN	1
6	Label, staple exchange OPE. (stapler/stacker)	RU7-8831-000CN	1
7	Right door assembly (stapler/stacker)	RM2-6807-000CN	1
8	Stacking wall assembly (stapler/stacker)	RM2-1057-000CN	1
9	Cover, staple (stapler/stacker)	RC4-7405-000CN	1
10	Cover, right front (stapler/stacker)	RC4-9586-000CN	1
11	Cover, rear front (stapler/stacker)	RC4-7406-000CN	1
12	Cover, rear inner (stapler/stacker)	RC4-7407-000CN	1
13	Cover, rear corner (stapler/stacker)	RC4-7408-000CN	1
14	Cover, jogger (stapler/stacker)	RC4-7411-000CN	1

Stapler/stacker main body

Figure 2-19 Stapler/stacker main body

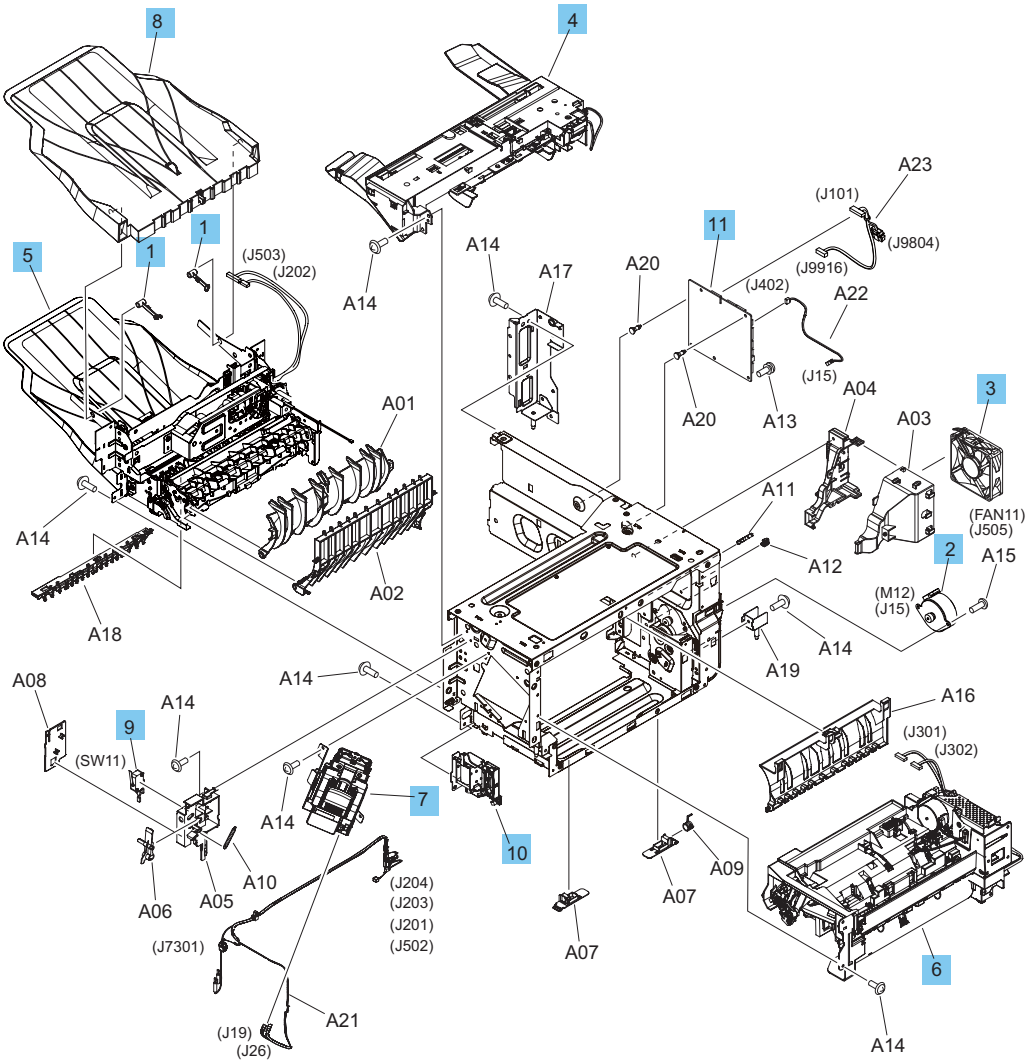


Table 2-19 Stapler/stacker main body

Ref	Description	Part number	Qty
1	Pin, tray fixe (stapler/stacker)	RC5-0353-000CN	2
2	Motor, stepping, DC (stapler/stacker)	RK2-8149-000CN	1
3	Fan (stapler/stacker)	RK2-8153-000CN	1
4	Jog assembly (stapler/stacker)	RM2-1066-000CN	1
5	Lower Paper Feed Assembly	RM2-6815-000CN	1
6	Upper paper feed assembly (stapler/stacker)	RM2-6810-000CN	1
7	Stapler assembly (stapler/stacker)	RM2-1193-000CN	1
8	Tray assembly (stapler/stacker)	RM2-1196-000CN	1
9	Microswitch (stapler/stacker)	WC4-5171-000CN	1
10	Solenoid assembly (stapler/stacker)	RM2-1040-000CN	1
11	Staple stacker PCA (stapler/stacker)	RM2-8689-000CN	1

Alphabetical parts list

Table 2-20 Alphabetical parts list

Description	Part number	Table and page
ADF hinge kit	5851-7205	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Arm, staple door lock (stapler/stacker)	RC4-9576-000CN	Stapler/stacker covers on page 1695
Auto close assembly	CN	Internal components (5 of 6) on page 1675
Auto close assembly (1x550-sheet feeder)	RM2-0856-000CN	1x550-sheet paper feeder main body on page 1685
Auto close assembly (3x550-sheet feeder)	RM2-0856-000CN	3x550-sheet paper feeder main body on page 1689
Auto close assembly (550-sheet feeder)	RM2-5147-000CN	550-sheet paper feeder main body on page 1681
Auto close assembly (HCI)	RM2-0856-000CN	HCI main body on page 1693
Cable, flexibl fla	RK2-7768-000CN	Internal components (6 of 6) on page 1677
Cable, flexibl fla	RK2-7776-000CN	Internal components (6 of 6) on page 1677
Cable, HDMI	J8A10-60113	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Cable, HIP control panel	J8A10-60114	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Cable, SCB-formatter HDMI	J8A10-60110	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Cable, SCB-formatter power	J8A10-60110	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Cable, sideband control panel	J8A10-60112	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Cable, WU USB control panel	J8A10-60111	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Cassette assembly (550-sheet feeder)	RM2-6935-000CN	550-sheet paper feeder main body on page 1681

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Cassette assembly (middle/lower tray; 3x550-sheet feeder)	RM2-1231-000CN	3x550-sheet paper feeder main body on page 1689
Cassette assembly (Tray 2)	RM2-6618-000CN	Internal components (4 of 6) on page 1673
Cassette assembly (tray; 1x550-sheet feeder)	RM2-1219-000CN	1x550-sheet paper feeder main body on page 1685
Cassette assembly (tray; HCI)	RM2-1219-000CN	HCI main body on page 1693
Cassette assembly (upper tray; 3x550-sheet feeder)	RM2-1219-000CN	3x550-sheet paper feeder main body on page 1689
Connector	VS1-7258-012CN	Internal components (6 of 6) on page 1677
Control panel assembly	RM2-1267-010CN	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
Control panel kit, M681/M682/E67550/E67560/E67650/E67660	B5L47-67018	Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 only) on page 1661
Cover, blanking	RC5-3356-000CN	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
Cover, caster, left	RC5-0418-000CN	3x550-sheet paper feeder covers on page 1687
Cover, caster, right	RC5-0417-000CN	3x550-sheet paper feeder covers on page 1687
Cover, control panel	J8J63-60137	Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 only) on page 1661
Cover, control panel back	RC4-8239-000CN	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
Cover, front	RC4-6860-000CN	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
Cover, front lower	RC5-0383-000CN	3x550-sheet paper feeder covers on page 1687
Cover, front lower (1x550-sheet feeder)	RC5-0383-000CN	1x550-sheet paper feeder covers on page 1683
Cover, HIP	B5L46-40021	Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 only) on page 1661
Cover, HIP	RC4-0213-000CN	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Cover, jogger (stapler/stacker)	RC4-7411-000CN	Stapler/stacker covers on page 1695
Cover, left (1x550-sheet feeder)	RC5-0387-000CN	1x550-sheet paper feeder covers on page 1683
Cover, left (3x550-sheet feeder)	RC5-0387-000CN	3x550-sheet paper feeder covers on page 1687
Cover, left (550-sheet feeder)	RC4-7682-000CN	550-sheet paper feeder covers on page 1679
Cover, left (HCI)	RC5-0387-000CN	HCI covers on page 1691
Cover, left lower (1x550-sheet feeder)	RC5-0385-000CN	1x550-sheet paper feeder covers on page 1683
Cover, left lower (3x550-sheet feeder)	RC5-0385-000CN	3x550-sheet paper feeder covers on page 1687
Cover, left lower (HCI)	RC5-0385-000CN	HCI covers on page 1691
Cover, left rear	RC4-6858-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Cover, left rear	RC4-6858-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, main	RC4-6861-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, output bin	RC4-6859-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, output bin (E65150/E65160/E67650/E67660)	RM2-1975-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, output bin, front	RC5-1842-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, rear	RC4-6862-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, rear (1x550-sheet feeder)	RC5-0386-000CN	1x550-sheet paper feeder covers on page 1683
Cover, rear (3x550-sheet feeder)	RC5-0386-000CN	3x550-sheet paper feeder covers on page 1687
Cover, rear (550-sheet feeder)	RC4-7683-000CN	550-sheet paper feeder covers on page 1679
Cover, rear (HCI)	RC5-0386-000CN	HCI covers on page 1691
Cover, rear corner (stapler/stacker)	RC4-7408-000CN	Stapler/stacker covers on page 1695

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Cover, rear front (stapler/stacker)	RC4-7406-000CN	Stapler/stacker covers on page 1695
Cover, rear inner (stapler/stacker)	RC4-7407-000CN	Stapler/stacker covers on page 1695
Cover, rear lower	RC5-0399-000CN	3x550-sheet paper feeder covers on page 1687
Cover, rear lower (1x550-sheet feeder)	RC5-0399-000CN	1x550-sheet paper feeder covers on page 1683
Cover, rear lower (HCI)	RC5-0399-000CN	HCI covers on page 1691
Cover, right	RC5-1843-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, right front (stapler/stacker)	RC4-9586-000CN	Stapler/stacker covers on page 1695
Cover, right lower (1x550-sheet feeder)	RC5-0384-000CN	1x550-sheet paper feeder covers on page 1683
Cover, right lower (3x550-sheet feeder)	RC5-0384-000CN	3x550-sheet paper feeder covers on page 1687
Cover, right lower (550-sheet feeder)	RC4-7684-000CN	550-sheet paper feeder covers on page 1679
Cover, right lower (HCI)	RC5-0384-000CN	HCI covers on page 1691
Cover, right lower (stapler/stacker)	RC4-9439-000CN	Stapler/stacker covers on page 1695
Cover, right rear	RC4-6425-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Cover, right rear	RC4-6425-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, right upper (stapler/stacker)	RC4-7409-000CN	Stapler/stacker covers on page 1695
Cover, staple (stapler/stacker)	RC4-7405-000CN	Stapler/stacker covers on page 1695
Cover, staple rear (stapler/stacker)	RC4-7412-000CN	Stapler/stacker covers on page 1695
Cover, top	RC4-6429-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Cover, top	RC4-6865-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Cover, Tray 1 roller	RC4-7318-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Cover, Tray 1 roller	RC4-7318-000CN	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
Cover, USB	RC4-9423-000	Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 only) on page 1661
Cover, USB	RC4-9423-000CN	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
DC controller PCA, E65150/E65160	RM3-7603-000CN	Internal components (6 of 6) on page 1677
DC controller PCA, E67650/E67660	RM3-7606-000CN	Internal components (6 of 6) on page 1677
DC controller PCA, M652/M653	RM3-7030-000CN	Internal components (6 of 6) on page 1677
DC controller PCA, M681/M682	RM3-7031-000CN	Internal components (6 of 6) on page 1677
Density detect assembly	RM2-7160-000CN	Internal components (4 of 6) on page 1673
Document feeder (Flow models) kit; includes white backing and retention clips	5851-7204	Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 only) on page 1661
Document feeder (non-Flow models) kit; includes white backing and retention clips	5851-7203	Document feeder and scanner whole units (M681/M682/E67550/E67560/E67650/E67660 only) on page 1661
Door assembly, right (550-sheet feeder)	RM2-6937-000CN	550-sheet paper feeder covers on page 1679
Door, left	RL2-1500-000CN	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
Door, left	RL2-1500-000CN	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
Door, staple (stapler/stacker)	RC4-9575-000CN	Stapler/stacker covers on page 1695
Door, stock (1x550-sheet feeder)	RC5-0405-000CN	1x550-sheet paper feeder covers on page 1683
Drawer upper cable assembly (1x550-sheet feeder)	RM2-9286-000CN	1x550-sheet paper feeder main body on page 1685
Drawer upper cable assembly (3x550-sheet feeder)	RM2-9286-000CN	3x550-sheet paper feeder main body on page 1689
Drawer upper cable assembly (HCI)	RM2-9286-000CN	HCI main body on page 1693

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Drive assembly (1x550-sheet feeder)	RM2-1222-000CN	1x550-sheet paper feeder main body on page 1685
Drive assembly (3x550-sheet feeder)	RM2-1222-000CN	3x550-sheet paper feeder main body on page 1689
Drive assembly (550-sheet feeder)	RM2-6934-000CN	550-sheet paper feeder main body on page 1681
Drive assembly (HCI)	RM2-1222-000CN	HCI main body on page 1693
Drum motor assembly	CN	Internal components (5 of 6) on page 1675
Environmental sensor PCA assembly	RM2-8440-000CN	Internal components (3 of 6) on page 1671
Estrangement detect PCA assembly	RM2-7157-000CN	Internal components (3 of 6) on page 1671
Estrangement holder assembly (1x550-sheet feeder)	RM2-1223-000CN	1x550-sheet paper feeder main body on page 1685
Estrangement holder assembly (3x550-sheet feeder)	RM2-1223-000CN	3x550-sheet paper feeder main body on page 1689
Estrangement holder assembly (HCI)	RM2-1223-000CN	HCI main body on page 1693
Fan	RK2-6124-000CN	Internal components (3 of 6) on page 1671
Fan	RK2-7949-000CN	Internal components (3 of 6) on page 1671
Fan	RK2-7951-000CN	Internal components (3 of 6) on page 1671
Fan	RK2-6124-000CN	Internal components (4 of 6) on page 1673
Fan	RK2-7953-000CN	Internal components (6 of 6) on page 1677
Fan (stapler/stacker)	RK2-8153-000CN	Stapler/stacker main body on page 1697
Feed roller assembly	RM2-6684-000CN	Internal components (4 of 6) on page 1673
Feeder controller PCA (550-sheet feeder)	RM2-8491-000CN	550-sheet paper feeder main body on page 1681
Formatter cover assembly	RM2-6657-000CN	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
Formatter cover assembly	RM2-6657-000CN	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
Formatter kit (E65150/E65160)	3GY03-67901	Internal components (6 of 6) on page 1677

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Formatter kit (E65150/E65160; India/China)	3GY03-67902	Internal components (6 of 6) on page 1677
Formatter kit (E67650/E67660)	3GY13-67901	Internal components (6 of 6) on page 1677
Formatter kit (E67650/E67660; India/China)	3GY31-67902	Internal components (6 of 6) on page 1677
Formatter kit (M652/M653)	J7Z98-60001	Internal components (6 of 6) on page 1677
Formatter kit (M652/M653; India/China)	J7Z98-67904	Internal components (6 of 6) on page 1677
Formatter kit (M681/M682)	J8A10-60001	Internal components (6 of 6) on page 1677
Formatter kit (M681/M682; India/China)	J8A10-67902	Internal components (6 of 6) on page 1677
Front door assembly	RM2-6658-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Front door assembly	RM2-6658-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Front door assembly (E65150/E65160/E67650/E67660)	RM2-1975-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Fuser assembly, 110-127V	RM2-1928-000CN	Internal components (4 of 6) on page 1673
Fuser assembly, 220-240V	RM2-1929-000CN	Internal components (4 of 6) on page 1673
Fuser drive assembly	CN	Internal components (5 of 6) on page 1675
Fuser motor drive assembly	CN	Internal components (5 of 6) on page 1675
Guide, NIP	RC5-1892-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Guide, NIP	RC5-1892-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Handle, rear	RC4-9410-000CN	Internal components (6 of 6) on page 1677
Holder, drawer connector	RC4-6497-000CN	Internal components (6 of 6) on page 1677
Holder, drawer connector (1x550-sheet feeder)	RC4-8914-000CN	1x550-sheet paper feeder main body on page 1685
Holder, drawer connector (3x550-sheet feeder)	RC4-8914-000CN	3x550-sheet paper feeder main body on page 1689

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Holder, drawer connector (550-sheet feeder)	RC4-6497-000CN	550-sheet paper feeder main body on page 1681
Holder, drawer connector (HCI)	RC4-8914-000CN	HCI main body on page 1693
Holder, drawer, upper (550-sheet feeder)	RC4-7680-000CN	550-sheet paper feeder main body on page 1681
Image scanner kit; includes white backing and retention clips, keyboard cover, and rear cover	J8A10-67901	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Image Transfer Belt (ITB) (part of LaserJet Image Transfer and Roller Kit)	P1B93-67901	Internal components (3 of 6) on page 1671
Jog assembly (stapler/stacker)	RM2-1066-000CN	Stapler/stacker main body on page 1697
Keyboard overlay kit (ES, PT)	5851-6023	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Keyboard overlay kit (FR, IT, RU, DE, ES: UK Kybd)	5851-6019	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Keyboard overlay kit (FR-CN, ES-LA, ES: US Kybd)	5851-6020	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Keyboard overlay kit (FR-SW, DE-SW, DA: UK Kybd)	5851-6021	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Keyboard overlay kit (JA-KG, JA-KT)	5851-6024	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Keyboard overlay kit (ZHTW, ZHCN)	5851-6022	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Keyboard UK (Flow models)	B5L47-67020	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Keyboard US (Flow models)	B5L47-67019	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Kit-Fixed Tray Guide	3GY25-67901	Internal components (4 of 6) on page 1673

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Kit-PEFS	3GY32-67901	Internal components (6 of 6) on page 1677
Label, staple exchange OPE. (stapler/stacker)	RU7-8831-000CN	Stapler/stacker covers on page 1695
Laser scanner assembly	RM2-1237-000CN	Internal components (3 of 6) on page 1671
LaserJet ADF roller kit	5851-7202	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
LaserJet ADF white backing, A4, kit	5851-7202	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Left handle assembly	RM2-1958-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Left handle assembly	RM2-1958-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Lifter drive assembly	CN	Internal components (5 of 6) on page 1675
Lifter drive assembly (1x550-sheet feeder)	RM2-2091-000CN	1x550-sheet paper feeder main body on page 1685
Lifter drive assembly (3x550-sheet feeder)	RM2-2091-000CN	3x550-sheet paper feeder main body on page 1689
Lifter drive assembly (550-sheet feeder)	RM2-6933-000CN	550-sheet paper feeder main body on page 1681
Lifter drive assembly (HCI)	RM2-2091-000CN	HCI main body on page 1693
Link, door (1x550-sheet feeder)	RC4-9824-000CN	1x550-sheet paper feeder covers on page 1683
Link, door (1x550-sheet feeder)	RC4-1778-000CN	1x550-sheet paper feeder covers on page 1683
Link, door (3x550-sheet feeder)	RC4-9824-000CN	3x550-sheet paper feeder covers on page 1687
Link, door (HCI)	RC4-9824-000CN	HCI covers on page 1691
Link, door, right (550-sheet feeder)	RC4-1778-000CN	550-sheet paper feeder covers on page 1679
high-voltage power supply, HVPS (D)	RM3-7006-000CN	Internal components (6 of 6) on page 1677
Main drive assembly	CN	Internal components (5 of 6) on page 1675
Memory PCA	RM2-7138-000CN	Internal components (6 of 6) on page 1677

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Microswitch	RM2-6545-000CN	Internal components (2 of 6) on page 1669
Microswitch (stapler/stacker)	WC4-5171-000CN	Stapler/stacker main body on page 1697
Motor, stepping	CN	Internal components (5 of 6) on page 1675
Motor, stepping	CN	Internal components (5 of 6) on page 1675
Motor, stepping (1x550-sheet feeder)	RK2-7831-000CN	1x550-sheet paper feeder main body on page 1685
Motor, stepping (3x550-sheet feeder)	RK2-7831-000CN	3x550-sheet paper feeder main body on page 1689
Motor, stepping (HCI)	RK2-7831-000CN	HCI main body on page 1693
Motor, stepping, DC (stapler/stacker)	RK2-8149-000CN	Stapler/stacker main body on page 1697
Option lower cable assembly (550-sheet feeder)	RM2-8881-000CN	550-sheet paper feeder main body on page 1681
Option upper cable assembly (550-sheet feeder)	RM2-8880-000CN	550-sheet paper feeder main body on page 1681
Output bin assembly	RM2-1953-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Output bin assembly	RM2-1953-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Paper deck cont. PCA	RM2-8482-000CN	1x550-sheet paper feeder main body on page 1685
Paper deck cont. PCA (3x550-sheet feeder)	RM2-8483-000CN	3x550-sheet paper feeder main body on page 1689
Paper deck cont. PCA (HCI)	RM2-8481-000CN	HCI main body on page 1693
Paper delivery assembly	RM2-6621-000CN	Internal components (4 of 6) on page 1673
Paper feed assembly (550-sheet feeder)	RM2-5145-000CN	550-sheet paper feeder main body on page 1681
Paper pick-up assembly	RM2-6556-000CN	Internal components (4 of 6) on page 1673
Paper pick-up assembly (1x550-sheet feeder)	RM2-1235-000CN	1x550-sheet paper feeder main body on page 1685
Paper pick-up assembly (3x550-sheet feeder)	RM2-1235-000CN	3x550-sheet paper feeder main body on page 1689
Paper pick-up assembly (550-sheet feeder)	RM2-5154-000CN	550-sheet paper feeder main body on page 1681
Paper pick-up assembly (HCI)	RM2-1235-000CN	HCI main body on page 1693

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Paper pick-up roller assembly	RM2-6681-000CN	Internal components (4 of 6) on page 1673
Paper pick-up roller assembly (550-sheet feeder; part of LaserJet Trays 2-5 Roller Kit)	J7Z98-67902	550-sheet paper feeder main body on page 1681
Paper pickup roller assembly (1x550-sheet feeder; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	1x550-sheet paper feeder main body on page 1685
Paper pickup roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	3x550-sheet paper feeder main body on page 1689
Paper pickup roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	HCI main body on page 1693
Lower Paper Feed Assembly	RM2-6815-000CN	Stapler/stacker main body on page 1697
Pin, tray fixe (stapler/stacker)	RC5-0353-000CN	Stapler/stacker main body on page 1697
Power supply PCA, 110-127V	RM2-8421-000CN	Internal components (6 of 6) on page 1677
Power supply PCA, 220-240V	RM2-8422-000CN	Internal components (6 of 6) on page 1677
Power supply switch assembly	RM2-1947-000CN	Internal components (2 of 6) on page 1669
Pre-exposure PCA assembly	RM3-7046-000CN	Internal components (2 of 6) on page 1669
Pre-exposure PCA assembly	RM3-7047-000CN	Internal components (2 of 6) on page 1669
Rear cover assembly	RM2-1951-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Rear cover assembly	RM2-1951-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Registration assembly	RM2-1957-000CN	Internal components (4 of 6) on page 1673
Right door assembly	RM2-6622-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Right door assembly	RM2-6622-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Right door assembly (1x550-sheet feeder)	RM2-1226-000CN	1x550-sheet paper feeder covers on page 1683
Right door assembly (3x550-sheet feeder)	RM2-1230-000CN	3x550-sheet paper feeder covers on page 1687
Right door assembly (HCI)	RM2-1218-000CN	HCI covers on page 1691
Right door assembly (stapler/stacker)	RM2-6807-000CN	Stapler/stacker covers on page 1695

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Right handle assembly	RM2-6659-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Right handle assembly	RM2-6659-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Roller, pickup, Tray 1	RL2-0034-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Roller, pickup, Tray 1	RL2-0034-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Roller, separation, Tray 1	RL2-0079-000CN	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
Roller, separation, Tray 1	RL2-0079-000CN	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
Scan control board (Enterprise	5851-7764	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Scan control board (Flow models)	J8A08-60103	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Scan control board (non-Flow models)	J8J63-60109	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
Secondary transfer assembly	RM2-6682-000CN	Internal components (4 of 6) on page 1673
Secondary transfer roller assembly (part of LaserJet Image Transfer and Roller Kit)	P1B93-67901	Internal components (4 of 6) on page 1673
Separation roller assembly	RM2-0064-000CN	Internal components (4 of 6) on page 1673
Separation roller assembly (1x550-sheet feeder; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	1x550-sheet paper feeder main body on page 1685
Separation roller assembly (550-sheet feeder; part of LaserJet Trays 2-5 Roller Kit)	J7Z98-67902	550-sheet paper feeder main body on page 1681
Separation roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	3x550-sheet paper feeder main body on page 1689
Separation roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	J7Z98-67902	HCI main body on page 1693
Size sensor assembly (1x550-sheet feeder)	RM2-0857-000CN	1x550-sheet paper feeder main body on page 1685
Size sensor assembly (3x550-sheet feeder)	RM2-0857-000CN	3x550-sheet paper feeder main body on page 1689

Table 2-20 Alphabetical parts list (continued)

Description	Part number	Table and page
Size sensor assembly (HCI)	RM2-0857-000CN	HCI main body on page 1693
Size sensor assembly (HCI)	RM2-0921-000CN	HCI main body on page 1693
Solenoid assembly (stapler/stacker)	RM2-1040-000CN	Stapler/stacker main body on page 1697
Stacking wall assembly (stapler/stacker)	RM2-1057-000CN	Stapler/stacker covers on page 1695
Staple stacker PCA (stapler/stacker)	RM2-8689-000CN	Stapler/stacker main body on page 1697
Stapler assembly (stapler/stacker)	RM2-1193-000CN	Stapler/stacker main body on page 1697
Switch, push (1x550-sheet feeder)	WC2-5803-000CN	1x550-sheet paper feeder main body on page 1685
Switch, push (3x550-sheet feeder)	WC2-5803-00CN	3x550-sheet paper feeder main body on page 1689
Switch, push (550-sheet feeder)	WC2-5762-000CN	550-sheet paper feeder main body on page 1681
Switch, push (HCI)	WC2-5803-000CN	HCI main body on page 1693
Toner carry assembly	RM2-6620-000CN	Internal components (1 of 6) on page 1667
Toner collection unit	RM2-6613-000CN	Internal components (3 of 6) on page 1671
Tray assembly (HCI)	RM2-1220-000CN	HCI main body on page 1693
Tray assembly (stapler/stacker)	RM2-1196-000CN	Stapler/stacker main body on page 1697
Tray auto close assembly (HCI)	RM2-0918-000CN	HCI main body on page 1693
Tray lifter motor drive assembly (HCI)	RM2-0915-000CN	HCI main body on page 1693
high-voltage power supply, HVPS (T)	RM2-8424-000CN	Internal components (6 of 6) on page 1677
Upper paper feed assembly (stapler/stacker)	RM2-6810-000CN	Stapler/stacker main body on page 1697
White backing retention clip kit	5851-7207	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661

Numerical parts list

Table 2-21 Numerical parts list

Part number	Description	Table and page
RM2-6815-000CN	Lower Paper Feed Assembly	Stapler/stacker main body on page 1697
3GY03-67901	Formatter kit (E65150/E65160)	Internal components (6 of 6) on page 1677
3GY03-67902	Formatter kit (E65150/E65160; India/China)	Internal components (6 of 6) on page 1677
3GY13-67901	Formatter kit (E67650/E67660)	Internal components (6 of 6) on page 1677
3GY25-67901	Kit-Fixed Tray Guide	Internal components (4 of 6) on page 1673
3GY31-67902	Formatter kit (E67650/E67660; India/China)	Internal components (6 of 6) on page 1677
3GY32-67901	Kit-PEFS	Internal components (6 of 6) on page 1677
5851-6019	Keyboard overlay kit (FR, IT, RU, DE, ES: UK Kybd)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-6020	Keyboard overlay kit (FR-CN, ES-LA, ES: US Kybd)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-6021	Keyboard overlay kit (FR-SW, DE-SW, DA: UK Kybd)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-6022	Keyboard overlay kit (ZHTW, ZHCN)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-6023	Keyboard overlay kit (ES, PT)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-6024	Keyboard overlay kit (JA-KG, JA-KT)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-7202	LaserJet ADF roller kit	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-7202	LaserJet ADF white backing, A4, kit	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
5851-7203	Document feeder (non-Flow models) kit; includes white backing and retention clips	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-7204	Document feeder (Flow models) kit; includes white backing and retention clips	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-7205	ADF hinge kit	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-7207	White backing retention clip kit	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
5851-7764	Scan control board (Enterprise	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
B5L46-40021	Cover, HIP	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
B5L47-67018	Control panel kit, M681/M682/E67550/E67560/E67650/E67660	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
B5L47-67019	Keyboard US (Flow models)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
B5L47-67020	Keyboard UK (Flow models)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
CN	Motor, stepping	Internal components (5 of 6) on page 1675
CN	Motor, stepping	Internal components (5 of 6) on page 1675
CN	Main drive assembly	Internal components (5 of 6) on page 1675
CN	Fuser drive assembly	Internal components (5 of 6) on page 1675
CN	Fuser motor drive assembly	Internal components (5 of 6) on page 1675
CN	Drum motor assembly	Internal components (5 of 6) on page 1675

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
CN	Auto close assembly	Internal components (5 of 6) on page 1675
CN	Lifter drive assembly	Internal components (5 of 6) on page 1675
J7Z98-60001	Formatter kit (M652/M653)	Internal components (6 of 6) on page 1677
J7Z98-67902	Paper pick-up roller assembly (550-sheet feeder; part of LaserJet Trays 2-5 Roller Kit)	550-sheet paper feeder main body on page 1681
J7Z98-67902	Separation roller assembly (550-sheet feeder; part of LaserJet Trays 2-5 Roller Kit)	550-sheet paper feeder main body on page 1681
J7Z98-67902	Paper pickup roller assembly (1x550-sheet feeder; part of LaserJet Tray 2-5 Roller Kit)	1x550-sheet paper feeder main body on page 1685
J7Z98-67902	Separation roller assembly (1x550-sheet feeder; part of LaserJet Tray 2-5 Roller Kit)	1x550-sheet paper feeder main body on page 1685
J7Z98-67902	Paper pickup roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	3x550-sheet paper feeder main body on page 1689
J7Z98-67902	Separation roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	3x550-sheet paper feeder main body on page 1689
J7Z98-67902	Paper pickup roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	HCI main body on page 1693
J7Z98-67902	Separation roller assembly (HCI; part of LaserJet Tray 2-5 Roller Kit)	HCI main body on page 1693
J7Z98-67904	Formatter kit (M652/M653; India/China)	Internal components (6 of 6) on page 1677
J8A08-60103	Scan control board (Flow models)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8A10-60001	Formatter kit (M681/M682)	Internal components (6 of 6) on page 1677
J8A10-60110	Cable, SCB-formatter power	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8A10-60110	Cable, SCB-formatter HDMI	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8A10-60111	Cable, WU USB control panel	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8A10-60112	Cable, sideband control panel	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
J8A10-60113	Cable, HDMI	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8A10-60114	Cable, HIP control panel	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8A10-67901	Image scanner kit; includes white backing and retention clips, keyboard cover, and rear cover	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8A10-67902	Formatter kit (M681/M682; India/China)	Internal components (6 of 6) on page 1677
J8J63-60109	Scan control board (non-Flow models)	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
J8J63-60137	Cover, control panel	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
P1B93-67901	Image Transfer Belt (ITB) (part of LaserJet Image Transfer and Roller Kit)	Internal components (3 of 6) on page 1671
P1B93-67901	Secondary transfer roller assembly (part of LaserJet Image Transfer and Roller Kit)	Internal components (4 of 6) on page 1673
RC4-0213-000CN	Cover, HIP	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RC4-1778-000CN	Link, door, right (550-sheet feeder)	550-sheet paper feeder covers on page 1679
RC4-1778-000CN	Link, door (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC4-6425-000CN	Cover, right rear	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RC4-6425-000CN	Cover, right rear	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RC4-6429-000CN	Cover, top	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RC4-6497-000CN	Holder, drawer connector	Internal components (6 of 6) on page 1677
RC4-6497-000CN	Holder, drawer connector (550-sheet feeder)	550-sheet paper feeder main body on page 1681

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
RC4-6858-000CN	Cover, left rear	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
RC4-6858-000CN	Cover, left rear	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC4-6859-000CN	Cover, output bin	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC4-6860-000CN	Cover, front	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC4-6861-000CN	Cover, main	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC4-6862-000CN	Cover, rear	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC4-6865-000CN	Cover, top	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC4-7318-000CN	Cover, Tray 1 roller	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
RC4-7318-000CN	Cover, Tray 1 roller	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC4-7405-000CN	Cover, staple (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-7406-000CN	Cover, rear front (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-7407-000CN	Cover, rear inner (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-7408-000CN	Cover, rear corner (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-7409-000CN	Cover, right upper (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-7411-000CN	Cover, jogger (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-7412-000CN	Cover, staple rear (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-7680-000CN	Holder, drawer, upper (550-sheet feeder)	550-sheet paper feeder main body on page 1681
RC4-7682-000CN	Cover, left (550-sheet feeder)	550-sheet paper feeder covers on page 1679

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
RC4-7683-000CN	Cover, rear (550-sheet feeder)	550-sheet paper feeder covers on page 1679
RC4-7684-000CN	Cover, right lower (550-sheet feeder)	550-sheet paper feeder covers on page 1679
RC4-8239-000CN	Cover, control panel back	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RC4-8914-000CN	Holder, drawer connector (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
RC4-8914-000CN	Holder, drawer connector (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RC4-8914-000CN	Holder, drawer connector (HCI)	HCI main body on page 1693
RC4-9410-000CN	Handle, rear	Internal components (6 of 6) on page 1677
RC4-9423-000	Cover, USB	Document feeder and scanner whole units (M681/M682/ E67550/E67560/E67650/ E67660 only) on page 1661
RC4-9423-000CN	Cover, USB	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RC4-9439-000CN	Cover, right lower (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-9575-000CN	Door, staple (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-9576-000CN	Arm, staple door lock (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-9586-000CN	Cover, right front (stapler/stacker)	Stapler/stacker covers on page 1695
RC4-9824-000CN	Link, door (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC4-9824-000CN	Link, door (3x550-sheet feeder)	3x550-sheet paper feeder covers on page 1687
RC4-9824-000CN	Link, door (HCI)	HCI covers on page 1691
RC5-0353-000CN	Pin, tray fixe (stapler/stacker)	Stapler/stacker main body on page 1697
RC5-0383-000CN	Cover, front lower (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC5-0383-000CN	Cover, front lower	3x550-sheet paper feeder covers on page 1687
RC5-0384-000CN	Cover, right lower (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC5-0384-000CN	Cover, right lower (3x550-sheet feeder)	3x550-sheet paper feeder covers on page 1687

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
RC5-0384-000CN	Cover, right lower (HCI)	HCI covers on page 1691
RC5-0385-000CN	Cover, left lower (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC5-0385-000CN	Cover, left lower (3x550-sheet feeder)	3x550-sheet paper feeder covers on page 1687
RC5-0385-000CN	Cover, left lower (HCI)	HCI covers on page 1691
RC5-0386-000CN	Cover, rear (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC5-0386-000CN	Cover, rear (3x550-sheet feeder)	3x550-sheet paper feeder covers on page 1687
RC5-0386-000CN	Cover, rear (HCI)	HCI covers on page 1691
RC5-0387-000CN	Cover, left (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC5-0387-000CN	Cover, left (3x550-sheet feeder)	3x550-sheet paper feeder covers on page 1687
RC5-0387-000CN	Cover, left (HCI)	HCI covers on page 1691
RC5-0399-000CN	Cover, rear lower (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC5-0399-000CN	Cover, rear lower	3x550-sheet paper feeder covers on page 1687
RC5-0399-000CN	Cover, rear lower (HCI)	HCI covers on page 1691
RC5-0405-000CN	Door, stock (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683
RC5-0417-000CN	Cover, caster, right	3x550-sheet paper feeder covers on page 1687
RC5-0418-000CN	Cover, caster, left	3x550-sheet paper feeder covers on page 1687
RC5-1842-000CN	Cover, output bin, front	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC5-1843-000CN	Cover, right	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC5-1892-000CN	Guide, NIP	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
RC5-1892-000CN	Guide, NIP	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RC5-3356-000CN	Cover, blanking	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
RK2-6124-000CN	Fan	Internal components (3 of 6) on page 1671
RK2-6124-000CN	Fan	Internal components (4 of 6) on page 1673
RK2-7768-000CN	Cable, flexibl fla	Internal components (6 of 6) on page 1677
RK2-7776-000CN	Cable, flexibl fla	Internal components (6 of 6) on page 1677
RK2-7831-000CN	Motor, stepping (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
RK2-7831-000CN	Motor, stepping (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RK2-7831-000CN	Motor, stepping (HCI)	HCI main body on page 1693
RK2-7949-000CN	Fan	Internal components (3 of 6) on page 1671
RK2-7951-000CN	Fan	Internal components (3 of 6) on page 1671
RK2-7953-000CN	Fan	Internal components (6 of 6) on page 1677
RK2-8149-000CN	Motor, stepping, DC (stapler/stacker)	Stapler/stacker main body on page 1697
RK2-8153-000CN	Fan (stapler/stacker)	Stapler/stacker main body on page 1697
RL2-0034-000CN	Roller, pickup, Tray 1	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RL2-0034-000CN	Roller, pickup, Tray 1	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RL2-0079-000CN	Roller, separation, Tray 1	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RL2-0079-000CN	Roller, separation, Tray 1	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RL2-1500-000CN	Door, left	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RL2-1500-000CN	Door, left	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RM2-0064-000CN	Separation roller assembly	Internal components (4 of 6) on page 1673
RM2-0856-000CN	Auto close assembly (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
RM2-0856-000CN	Auto close assembly (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-0856-000CN	Auto close assembly (HCI)	HCI main body on page 1693
RM2-0857-000CN	Size sensor assembly (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
RM2-0857-000CN	Size sensor assembly (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-0857-000CN	Size sensor assembly (HCI)	HCI main body on page 1693
RM2-0915-000CN	Tray lifter motor drive assembly (HCI)	HCI main body on page 1693
RM2-0918-000CN	Tray auto close assembly (HCI)	HCI main body on page 1693
RM2-0921-000CN	Size sensor assembly (HCI)	HCI main body on page 1693
RM2-1040-000CN	Solenoid assembly (stapler/stacker)	Stapler/stacker main body on page 1697
RM2-1057-000CN	Stacking wall assembly (stapler/stacker)	Stapler/stacker covers on page 1695
RM2-1066-000CN	Jog assembly (stapler/stacker)	Stapler/stacker main body on page 1697
RM2-1193-000CN	Stapler assembly (stapler/stacker)	Stapler/stacker main body on page 1697
RM2-1196-000CN	Tray assembly (stapler/stacker)	Stapler/stacker main body on page 1697
RM2-1218-000CN	Right door assembly (HCI)	HCI covers on page 1691
RM2-1219-000CN	Cassette assembly (tray; 1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
RM2-1219-000CN	Cassette assembly (upper tray; 3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-1219-000CN	Cassette assembly (tray; HCI)	HCI main body on page 1693
RM2-1220-000CN	Tray assembly (HCI)	HCI main body on page 1693
RM2-1222-000CN	Drive assembly (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
RM2-1222-000CN	Drive assembly (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-1222-000CN	Drive assembly (HCI)	HCI main body on page 1693
RM2-1223-000CN	Estrangement holder assembly (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
RM2-1223-000CN	Estrangement holder assembly (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-1223-000CN	Estrangement holder assembly (HCI)	HCI main body on page 1693
RM2-1226-000CN	Right door assembly (1x550-sheet feeder)	1x550-sheet paper feeder covers on page 1683

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
RM2-1230-000CN	Right door assembly (3x550-sheet feeder)	3x550-sheet paper feeder covers on page 1687
RM2-1231-000CN	Cassette assembly (middle/lower tray; 3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-1235-000CN	Paper pick-up assembly (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
RM2-1235-000CN	Paper pick-up assembly (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-1235-000CN	Paper pick-up assembly (HCI)	HCI main body on page 1693
RM2-1237-000CN	Laser scanner assembly	Internal components (3 of 6) on page 1671
RM2-1928-000CN	Fuser assembly, 110-127V	Internal components (4 of 6) on page 1673
RM2-1929-000CN	Fuser assembly, 220-240V	Internal components (4 of 6) on page 1673
RM2-1947-000CN	Power supply switch assembly	Internal components (2 of 6) on page 1669
RM2-1951-000CN	Rear cover assembly	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RM2-1951-000CN	Rear cover assembly	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RM2-1953-000CN	Output bin assembly	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RM2-1953-000CN	Output bin assembly	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RM2-1957-000CN	Registration assembly	Internal components (4 of 6) on page 1673
RM2-1958-000CN	Left handle assembly	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RM2-1958-000CN	Left handle assembly	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RM2-1975-000CN	Front door assembly (E65150/E65160/E67650/E67660)	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RM2-1975-000CN	Cover, output bin (E65150/E65160/E67650/E67660)	Covers (M681/M682/E67550/ E67560/E67650/E67660) on page 1665
RM2-2091-000CN	Lifter drive assembly (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685

Table 2-21 Numerical parts list (continued)

Part number	Description	Table and page
RM2-2091-000CN	Lifter drive assembly (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
RM2-2091-000CN	Lifter drive assembly (HCI)	HCI main body on page 1693
RM2-5145-000CN	Paper feed assembly (550-sheet feeder)	550-sheet paper feeder main body on page 1681
RM2-5147-000CN	Auto close assembly (550-sheet feeder)	550-sheet paper feeder main body on page 1681
RM2-5154-000CN	Paper pick-up assembly (550-sheet feeder)	550-sheet paper feeder main body on page 1681
RM2-6545-000CN	Microswitch	Internal components (2 of 6) on page 1669
RM2-6556-000CN	Paper pick-up assembly	Internal components (4 of 6) on page 1673
RM2-6613-000CN	Toner collection unit	Internal components (3 of 6) on page 1671
RM2-6618-000CN	Cassette assembly (Tray 2)	Internal components (4 of 6) on page 1673
RM2-6620-000CN	Toner carry assembly	Internal components (1 of 6) on page 1667
RM2-6621-000CN	Paper delivery assembly	Internal components (4 of 6) on page 1673
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RM2-6622-000CN	Right door assembly	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
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RM2-6658-000CN	Front door assembly	Covers (M681/M682/E67550/E67560/E67650/E67660) on page 1665
RM2-6659-000CN	Right handle assembly	Covers (M652/M653/E65050/E65060/E65150/E65160) on page 1663
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RM2-1267-010CN	Control panel assembly	Covers (M652/M653/E65050/ E65060/E65150/E65160) on page 1663
RM2-6807-000CN	Right door assembly (stapler/stacker)	Stapler/stacker covers on page 1695
RM2-6810-000CN	Upper paper feed assembly (stapler/stacker)	Stapler/stacker main body on page 1697
RM2-6933-000CN	Lifter drive assembly (550-sheet feeder)	550-sheet paper feeder main body on page 1681
RM2-6934-000CN	Drive assembly (550-sheet feeder)	550-sheet paper feeder main body on page 1681
RM2-6935-000CN	Cassette assembly (550-sheet feeder)	550-sheet paper feeder main body on page 1681
RM2-6937-000CN	Door assembly, right (550-sheet feeder)	550-sheet paper feeder covers on page 1679
RM2-7138-000CN	Memory PCA	Internal components (6 of 6) on page 1677
RM2-7157-000CN	Estrangement detect PCA assembly	Internal components (3 of 6) on page 1671
RM2-7160-000CN	Density detect assembly	Internal components (4 of 6) on page 1673
RM2-8421-000CN	Power supply PCA, 110-127V	Internal components (6 of 6) on page 1677
RM2-8422-000CN	Power supply PCA, 220-240V	Internal components (6 of 6) on page 1677
RM2-8424-000CN	high-voltage power supply, HVPS (T)	Internal components (6 of 6) on page 1677
RM2-8440-000CN	Environmental sensor PCA assembly	Internal components (3 of 6) on page 1671
RM2-8481-000CN	Paper deck cont. PCA (HCI)	HCI main body on page 1693
RM2-8482-000CN	Paper deck cont. PCA	1x550-sheet paper feeder main body on page 1685
RM2-8483-000CN	Paper deck cont. PCA (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
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RM2-9286-000CN	Drawer upper cable assembly (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
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RM2-9286-000CN	Drawer upper cable assembly (HCI)	HCI main body on page 1693
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RM3-7030-000CN	DC controller PCA, M652/M653	Internal components (6 of 6) on page 1677
RM3-7031-000CN	DC controller PCA, M681/M682	Internal components (6 of 6) on page 1677
RM3-7046-000CN	Pre-exposure PCA assembly	Internal components (2 of 6) on page 1669
RM3-7047-000CN	Pre-exposure PCA assembly	Internal components (2 of 6) on page 1669
RM3-7603-000CN	DC controller PCA, E65150/E65160	Internal components (6 of 6) on page 1677
RM3-7606-000CN	DC controller PCA, E67650/E67660	Internal components (6 of 6) on page 1677
RU7-8831-000CN	Label, staple exchange OPE. (stapler/stacker)	Stapler/stacker covers on page 1695
VS1-7258-012CN	Connector	Internal components (6 of 6) on page 1677
WC2-5762-000CN	Switch, push (550-sheet feeder)	550-sheet paper feeder main body on page 1681
WC2-5803-000CN	Switch, push (1x550-sheet feeder)	1x550-sheet paper feeder main body on page 1685
WC2-5803-000CN	Switch, push (HCI)	HCI main body on page 1693
WC2-5803-00CN	Switch, push (3x550-sheet feeder)	3x550-sheet paper feeder main body on page 1689
WC4-5171-000CN	Microswitch (stapler/stacker)	Stapler/stacker main body on page 1697

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