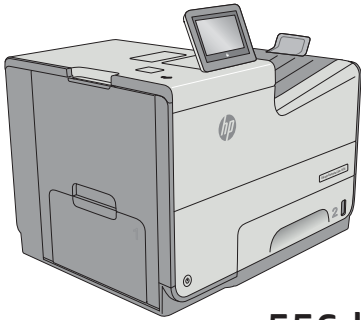




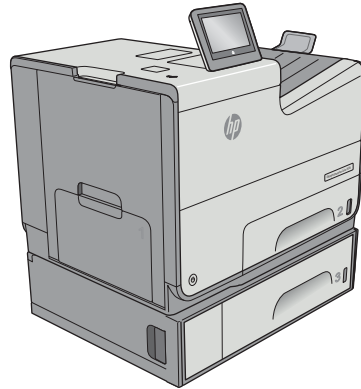
PageWide Enterprise Color 556

PageWide Enterprise Color MFP 586

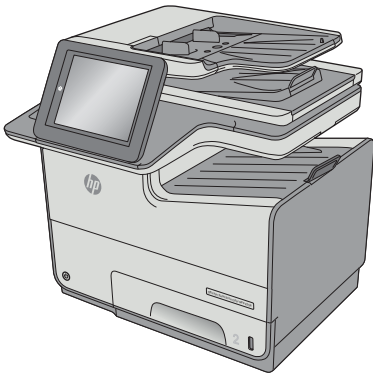
Repair Manual



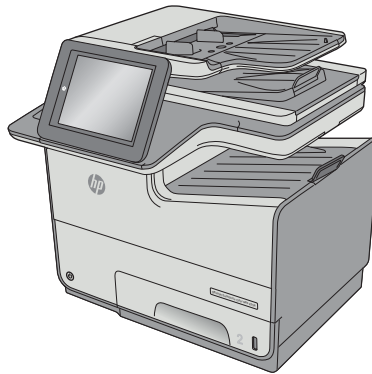
556dn



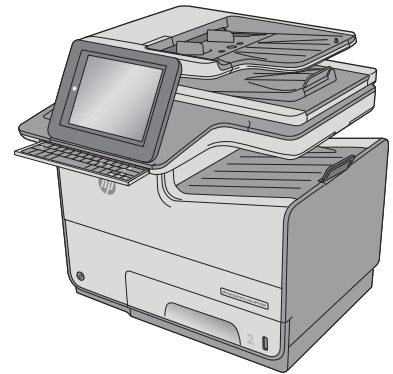
556xh



586dn



586f



586z



www.hp.com/support/pagewidecolor556
www.hp.com/support/pagewidecolor586MFP

For printer theory and troubleshooting information, see the Troubleshooting Manual.



HP PageWide Enterprise Color 556 and MFP 586

Repair Manual

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Edition 1, 5/2016

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.

For additional service and support information

HP service personnel, go to the Service Access Work Bench (SAW) at <http://h41302.www4.hp.com/km/saw/home.do>.

Channel partners, go to HP Channel Services Network (CNS) at <https://h30125.www3.hp.com/hpcsn>.

At these locations, find information on the following topics:

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

To access HP PartSurfer information from any mobile device, go to <http://partsurfermobile.hp.com/> or scan the Quick Response (QR) code below.



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1 Removal and replacement

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For additional service and support

HP service personnel, go to the Service Access Work Bench (SAW) at <http://h41302.www4.hp.com/km/saw/home.do>.

Channel partners, go to HP Channel Services Network (CSN) at <https://h30125.www3.hp.com/hpcsn>.

At these locations, find information on the following topics:

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

To access HP PartSurfer information from any mobile device, go to <http://partsurfermobile.hp.com/> or scan the Quick Response (QR) code below.



Removal and replacement strategy

Introduction

The printer uses a field repair strategy. Defective parts are diagnosed and replaced at the Field Replaceable Unit (FRU), Bench Repairable Unit (BRU) assembly level, or partial unit replacement using a print mechanical (PM) kit. 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, the server, or the printer).
2. Identify the cause of failures according to the printer troubleshooting service manual and follow the disassembly procedures to replace the defective parts, the consumable parts, or the PM kit.

After locating a faulty part, the printer can usually be repaired at the assembly level by replacing FRUs, a BRUs or a PM kit. HP does not support replacement of components on the printed circuit assemblies.

The user replaces ink 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 customer-replaceable supplies by keeping a page count. The printer prompts the user to replace certain items when a supply is depleted or a specific number of pages has been printed.

Swapping ink 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, the BRUs and the PM kits.

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

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


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


Turn the printer off, wait five 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 off 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 flat flexible cables (FFCs) during removal or installation.



Many repair operations will require you to flatten or straighten flex cables. However, try to avoid doing so. Before inserting the FFC, examine the foil connectors for damage. You must make sure that all FFCs are fully seated in their connectors. Failure to fully seat an FFC into a connector can cause a short circuit in a PCA or errors when restarting the printer.

 **IMPORTANT:** Do not replace the formatter 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 ink cartridges.

 **TIP:** Some figures might show assemblies removed or installed that have not yet been removed or installed at that specific 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

- #T10 TORX driver with a magnetic tip and a 152 mm (6 in) shaft length
- Small flat-blade screwdriver
- Flat-blade screwdriver with a 152 mm (6 in) shaft length
- Needle-nose pliers
- ESD mat (if one is available) or ESD strap
- Penlight (optional)

Fasteners types

 **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, first 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 affected assembly.

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

Figure 1-1 Screw size chart



Service approach

Before performing service

- Remove all paper from the printer.
- Turn off the power using the power button.

- Unplug the power cable and interface cable or cables.
- Place the product on an ESD workstation or mat, or use an ESD strap (if one is available). If an ESD workstation, mat, or strap is not available, ground yourself by touching the sheet-metal chassis *before* touching an ESD-sensitive part.
- Remove the ink cartridges.
- Remove the Tray 2 cassette.
- Remove the ink collection unit (located inside the left door).



NOTE: To prevent ink smear on skin or clothes, keep the ink collection unit level and avoid making direct contact with the black cylinder when removing the ink collection unit.

After performing service

- Plug in the power cable.
- Reinstall the ink cartridges.
- Reinstall the Tray 2 cassette.
- Reinstall the ink collection unit.
- Load paper in the product.

Post-service test

Perform the following tests to verify that the repair or replacement was successful:

Print-quality test

1. Verify that you have completed the necessary reassembly steps.
2. Make sure that the tray contains clean, unmarked paper.
3. Attach the power cord and interface cable or interface cables, and then turn on the product.
4. Print a configuration page.
5. Print a print quality page, and then verify that there are no lines, streaks, banding, or other print quality defects.
6. Send a print job from the host computer, and then verify that the output meets expectations.
7. Clean the outside of the product with a damp cloth.

Copy-quality test (M586)

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 to the printer, turn on the printer.
4. Verify that the expected start up sounds occur.
5. Print a configuration page, and then verify that the expected printing sounds occur.

6. Place the configuration page in the document feeder or on the flatbed glass.
7. Print a copy job, and then verify the results.
8. Clean the outside of the printer with a damp cloth.

Fax-quality test (M586f models)

1. Place the configuration 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 order

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

Customer Self-Repair (CSR) parts are available for many HP LaserJet printers to reduce repair time. More information about the CSR program and benefits 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), printer number, or printer name.

- Parts listed as **A**: Easy
- Parts listed as **B**: Difficult and/or requires tools



NOTE: For a complete list of CSRs, see the customer self-repair kits table in the printer repair manual (parts chapter).

- [Removal and replacement: Ink cartridges](#)
- [Removal and replacement: Output bin](#)
- [Removal and replacement: Document feeder retention clips \(586\)](#)
- [Removal and replacement: Document feeder white backing \(586\)](#)
- [Removal and replacement: Control panel \(586\)](#)
- [Removal and replacement: Control panel keyboard \(586z\)](#)
- [Removal and replacement: embedded MultiMedia Card \(eMMC\) \(556dn\)](#)
- [Removal and replacement: Hard-disk drive \(HDD\)](#)

Removal and replacement: Ink cartridges

- [Introduction](#)
- [Step 1: Remove the ink cartridges](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the ink cartridges](#)


Introduction

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

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.

Ink cartridges part numbers¹

J3M71A	HP 981A Black Original PageWide Cartridge
LOR12A	HP 981X High Yield Black Original PageWide Cartridge
LOR16A	HP 981Y Extra High Yield Black Original PageWide Cartridge
J3M68A	HP 981A Cyan Original PageWide Cartridge
LOR09A	HP 981X High Yield Cyan Original PageWide Cartridge
LOR13A	HP 981Y Extra High Yield Cyan Original PageWide Cartridge
J3M70A	HP 981A Yellow Original PageWide Cartridge
LOR11A	HP 981X High Yield Yellow Original PageWide Cartridge
LOR15A	HP 981Y Extra High Yield Yellow Original PageWide Cartridge
J3M69A	HP 981A Magenta Original PageWide Cartridge
LOR10A	HP 981X High Yield Magenta Original PageWide Cartridge
LOR14A	HP 981Y Extra High Yield Magenta Original PageWide Cartridge

¹ For ink cartridge service part numbers, see the supplies and accessories table in the printer parts manual.

Required tools

- No special tools are needed to remove or install these assemblies.

After performing service

Turn the printer power on

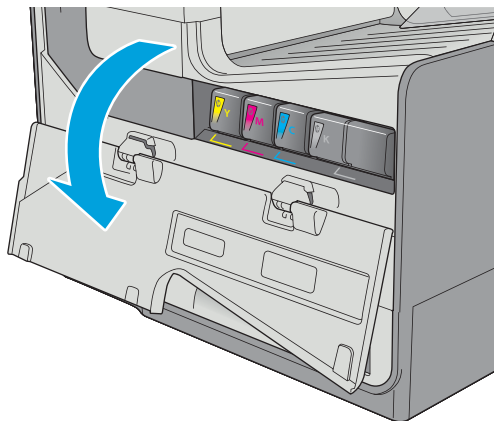
- Connect the power cable.
- Use the power switch to turn the power on.

Post service test

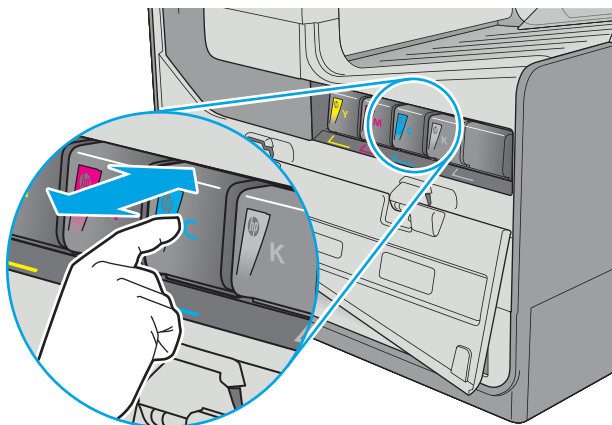
Send a color print job to the printer.

Step 1: Remove the ink cartridges

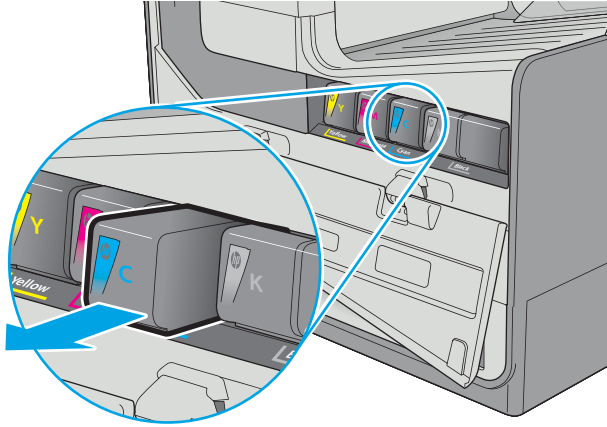
1. Open the cartridge door.



2. Push the old cartridge inward to unlock it.



3. Grasp the edge of the old cartridge and then pull the cartridge straight out to remove it.



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

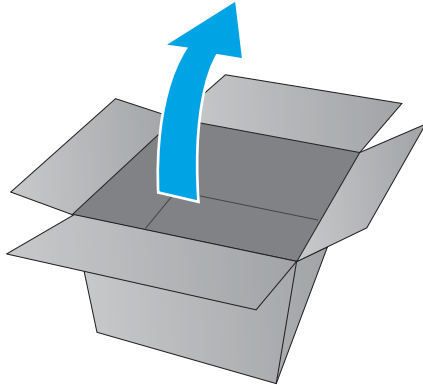
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

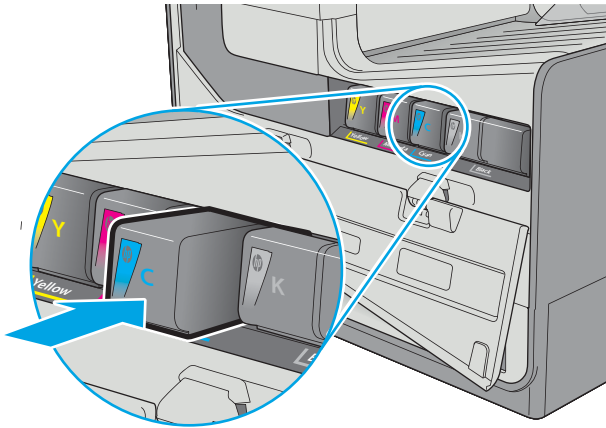
⚠ CAUTION: If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands or before touching rollers or pads.

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

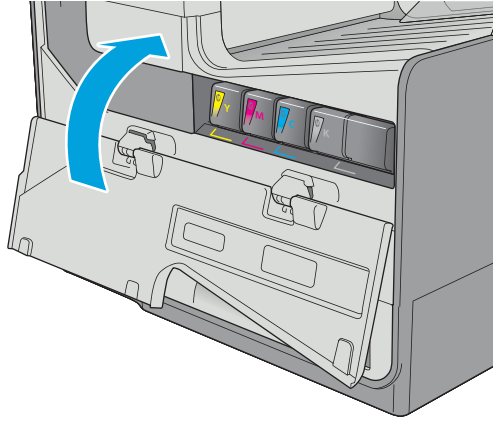


Step 3: Install the ink cartridges

1. Insert the new cartridge into the printer. Make sure the cartridge is firmly in place.



2. Close the cartridge door.



Removal and replacement: Output bin

- [Introduction](#)
- [Step 1: Remove the right cover \(outer\)](#)
- [Step 2: Remove the output bin](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 4: Install the output bin](#)
- [Step 5: Install the right cover \(outer\)](#)


Introduction

This document provides the procedures to remove and replace the output bin.

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.

Output bin kit part number	
G1W39-67944	Output bin with instruction guide

Required tools

- No special tools are needed to remove or install these assemblies.

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 color print job to the printer.

Step 1: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


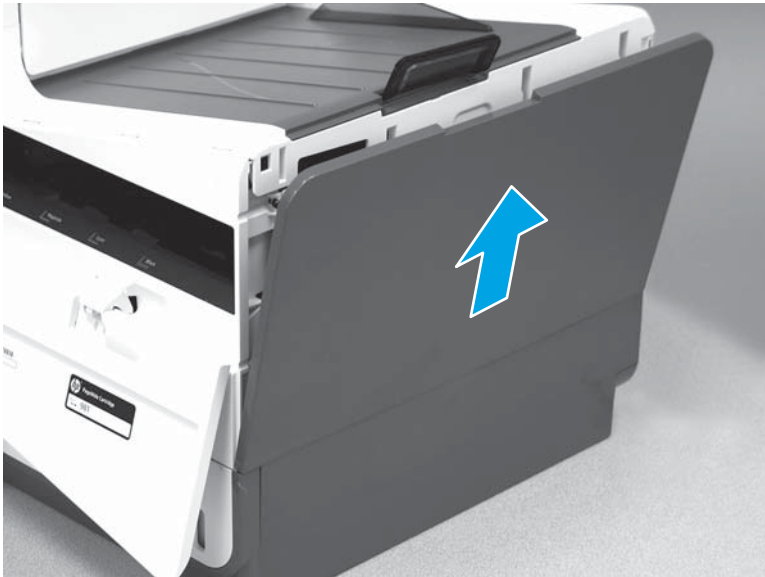
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-2 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

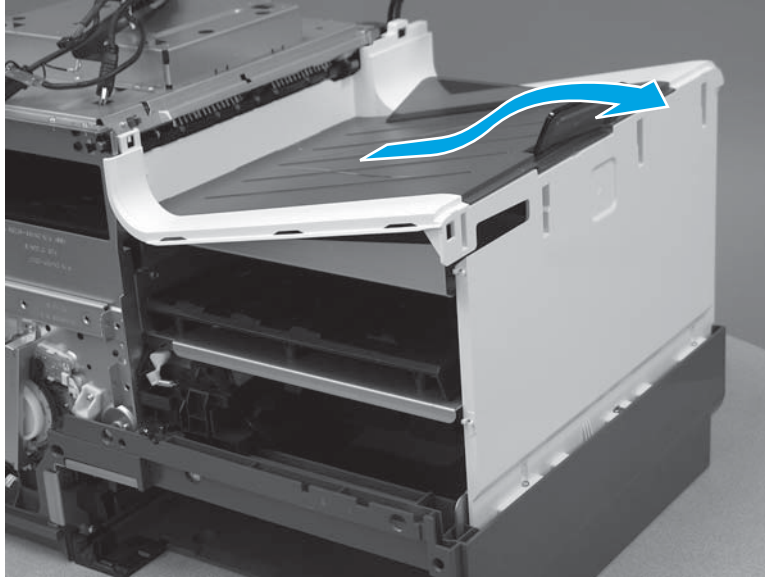
Figure 1-3 Remove the right cover (outer)



Step 2: Remove the output bin

- ▲ Slightly slide the output bin to the right, and then lift up on it to remove it.

Figure 1-4 Remove the output bin



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

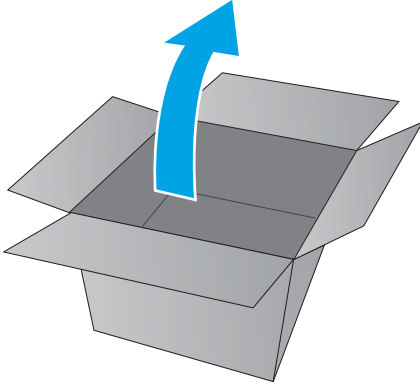
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

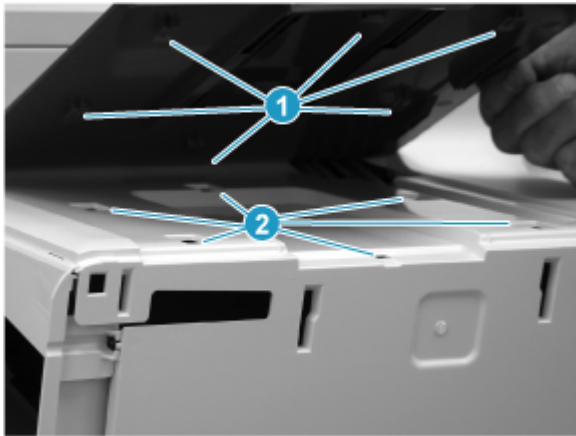
📄 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 4: Install the output bin

1. Position the replacement output bin on the printer. Align the tabs (callout 1) on the output bin with the slots (callout 2) in the top of the printer.

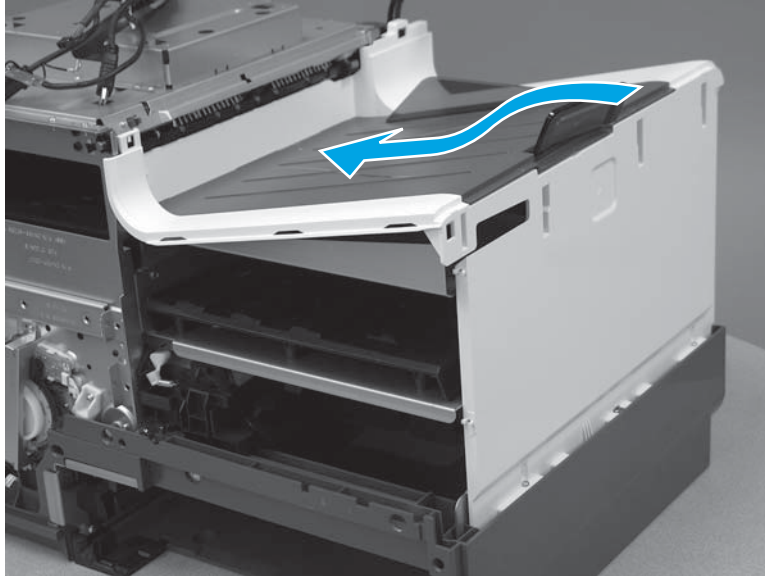
Figure 1-5 Align the tabs and slots



2. Slide the output bin toward the printer to install it.

 **NOTE:** Make sure that the output bin is completely installed against the printer with no gaps in between.

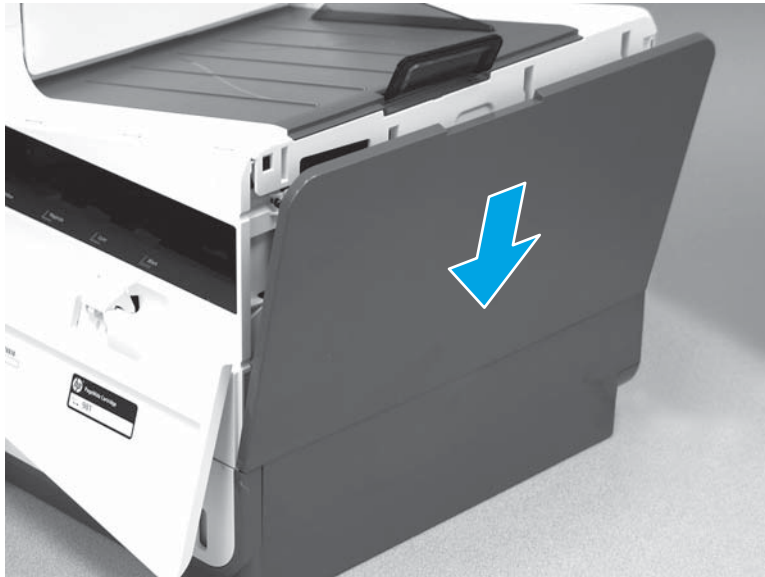
Figure 1-6 Install the output bin



Step 5: Install the right cover (outer)

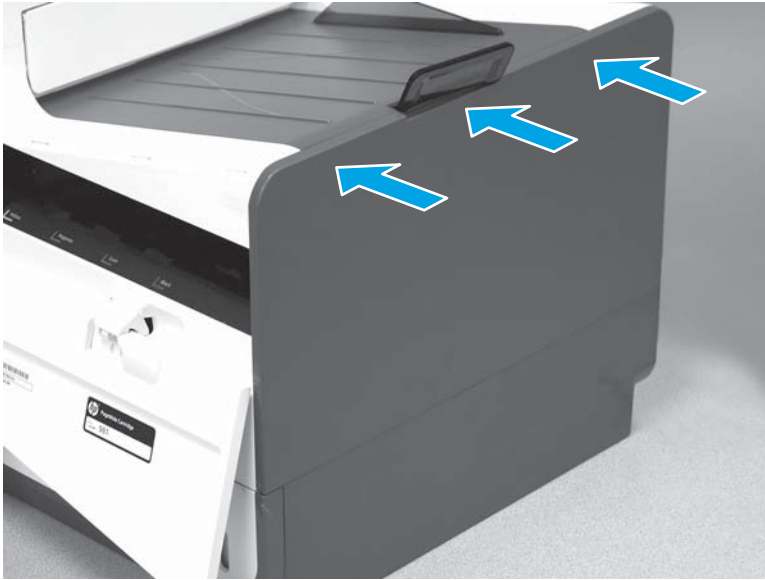
1. Position the bottom edge of the cover on the printer.

Figure 1-7 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-8 Install the right cover (outer)



Removal and replacement: Document feeder retention clips (586)



NOTE: This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

- [Introduction](#)
- [Step 1: Remove the retention clips](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the retention clips](#)

Introduction

This document provides the procedures to remove and replace the document feeder retention clips (586).

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.

Retention clip kit part number	
G1W41-67904	Retention clips with instruction guide

Required tools

- No special tools are needed to remove or install these assemblies.

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 are available for this assembly.

Step 1: Remove the retention clips



NOTE: This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

1. Open the document feeder.

Figure 1-9 Open the document feeder



2. Pull down on the white backing to remove it.

Figure 1-10 Remove the white backing



3. If any of the retention clips (callout 1) remain attached to the white backing remove them. Otherwise, go to step 4.

Figure 1-11 Check the white backing



4. Release any damaged retention clips.


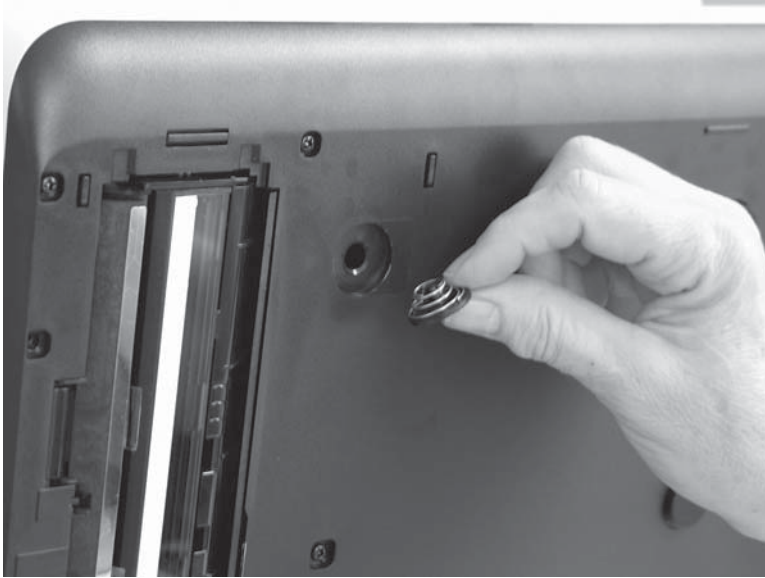
 **TIP:** Use the edge of a coin to loosen the clip.

Figure 1-12 Release damaged clips



5. Remove the retention clip.

Figure 1-13 Remove the clip



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

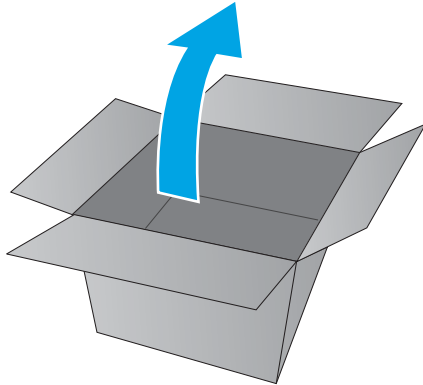
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

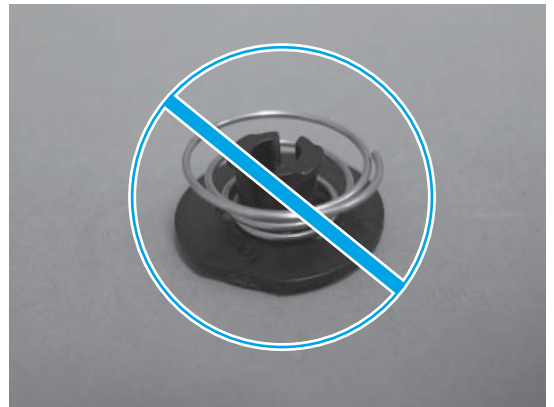
📋 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 3: Install the retention clips

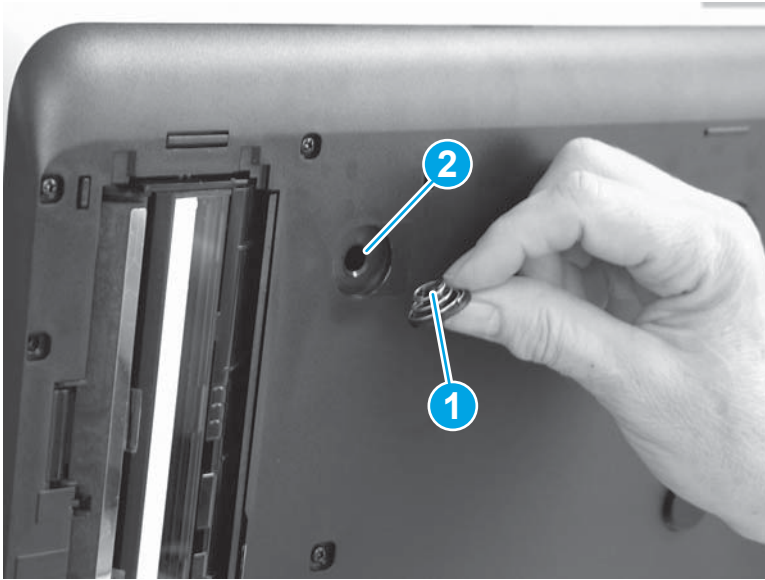
1. If a spring comes off of a retention clip, make sure that it is correctly repositioned on the clip.

Figure 1-14 Check the clip spring



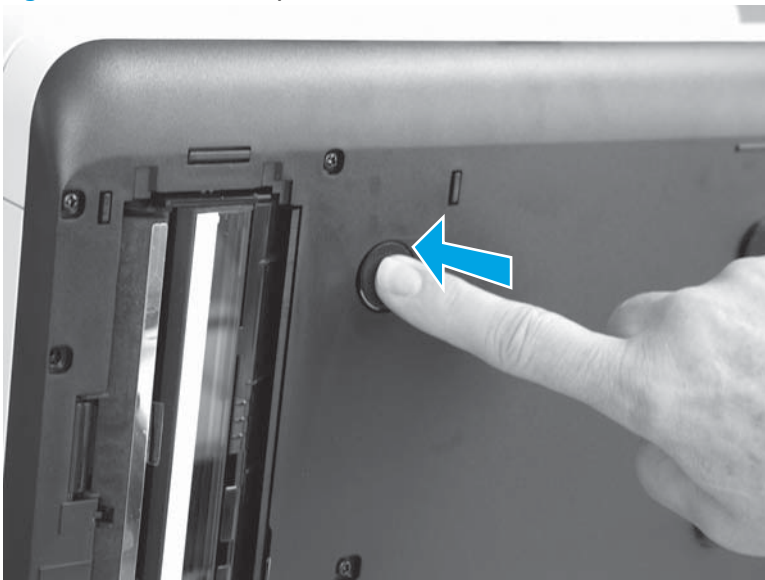
2. Install the clip (callout 1) in the opening (callout 2) in the document feeder.

Figure 1-15 Install the clip



3. Press the clip to make sure it is securely installed.

Figure 1-16 Press the clip



4. Place the white backing on the scanner glass.


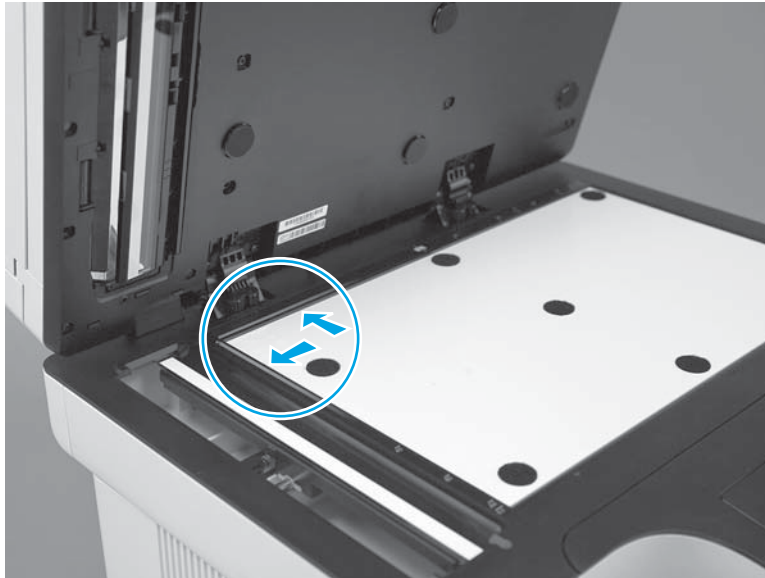
 **IMPORTANT:** Place the corner of the backing that does not have a hook-and-loop fastener in the upper-left corner of the scanner glass.

Figure 1-17 Place the white backing on the glass



5. Close the document feeder.

Figure 1-18 Close the document feeder



6. Open the document feeder and make sure that the white backing is securely attached.

Figure 1-19 Check the white backing



7. Close the document feeder.

Figure 1-20 Close the document feeder



Removal and replacement: Document feeder white backing (586)



NOTE: This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

- [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 document feeder white backing (586).

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.

White backing kit part number	
G1W41-67903	White backing with instruction guide ¹

¹ This kit includes the retention clip kit and 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 are available for this assembly.

Step 1: Remove the white backing



NOTE: This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

1. Open the document feeder.

Figure 1-21 Open the document feeder



2. Pull down on the white backing to remove it.

Figure 1-22 Remove the white backing



3. If any of the retention clips (callout 1) remain attached to the white backing (or are damaged), go to step [4](#).

If none of the retention clips remain attached to the white backing (or are not damaged), go to [Step 2: Unpack the replacement assembly on page 30](#).

Figure 1-23 Check the white backing



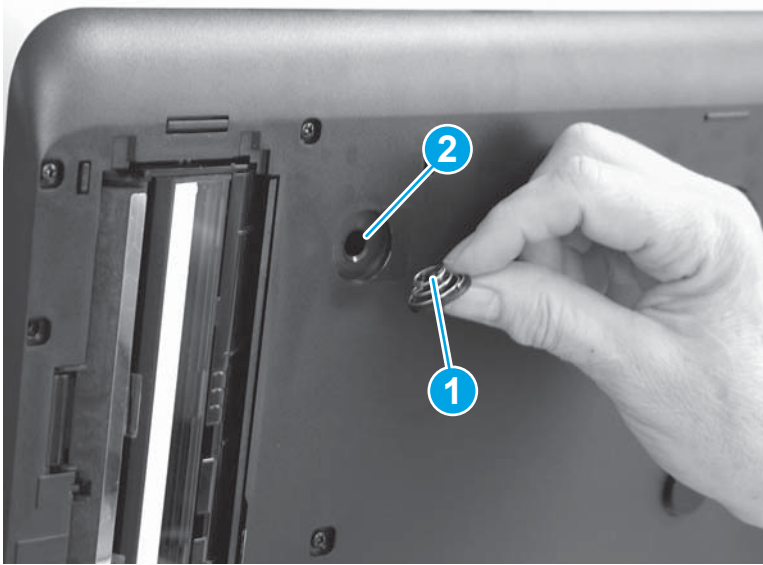
4. Verify that the spring is positioned correctly on the retention clip (replacement clips are supplied with this kit).

Figure 1-24 Check the clip spring



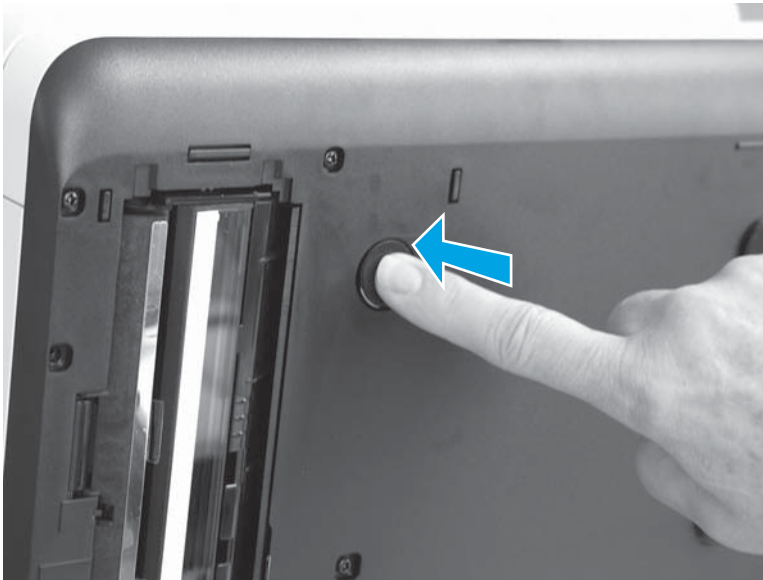
5. Install the replacement clip (callout 1) in the opening (callout 2) in the document feeder.

Figure 1-25 Install the clip



6. Press the clip to make sure it is securely installed.

Figure 1-26 Press the clip



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

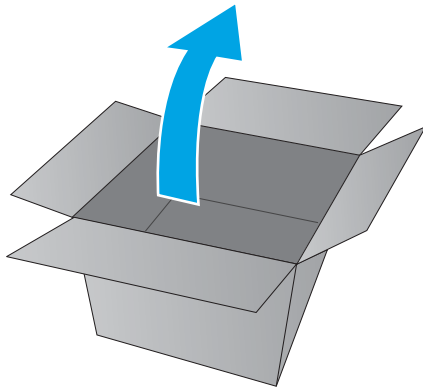
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.



Step 3: Install the white backing

1. Place the white backing on the scanner glass.

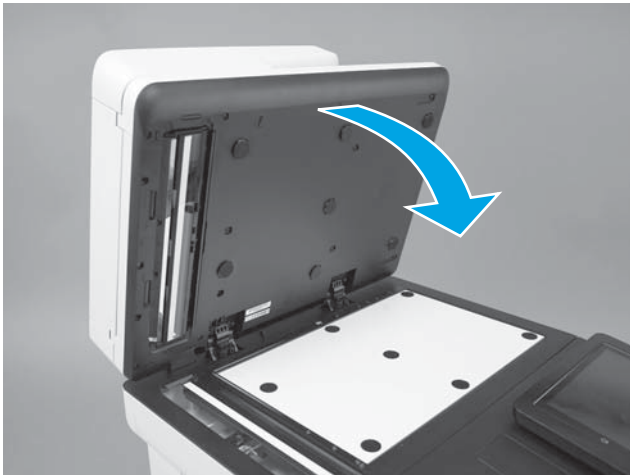
📝 IMPORTANT: Place the corner of the backing that does not have a hook-and-loop fastener in the upper-left corner of the scanner glass.

Figure 1-27 Place the white backing on the glass



2. Close the document feeder.

Figure 1-28 Close the document feeder



3. Open the document feeder and make sure that the white backing is securely attached.

Figure 1-29 Check the white backing



4. Close the document feeder.

Figure 1-30 Close the document feeder



Removal and replacement: Control panel (586)

- [Introduction](#)
- [Step 1: Remove the control panel \(586\)](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the control panel \(556\)](#)


Introduction

This document provides the procedures to remove and replace the control panel assembly (586).

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.

Control panel kit part number	
G1W41-67905	Control panel (586) with instruction guide

Required tools

- Optional: Small flat-blade 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 control panel is correctly functioning. See the control panel check section in the printer troubleshooting manual.

586z only: If the keyboard is unresponsive after turning the printer on, check the flat cable. Reinstall the cable if necessary.

Step 1: Remove the control panel (586)

The HP PageWide Enterprise Color MFP 586z printer is shown in this guide, however the control-panel replacement procedure is valid for all of the 586 printers. The 586dn and 586f printers do not have a keyboard.

1. Tilt the control panel to the fully raised position and open the document feeder.

Figure 1-31 Tilt the control panel up



2. Release the small gray plastic cover under the control panel.


 **TIP:** Use a small flat-blade screwdriver to release the cover.

Figure 1-32 Release the small grey plastic cover



3. Remove the cover.

Figure 1-33 Remove the cover



4. Beginning at the left side of the control-panel cover, carefully release three bosses along the top edge of the cover.

 **NOTE:** The thin, black plastic cover will separate from the white plastic control-panel base.

Figure 1-34 Release three bosses



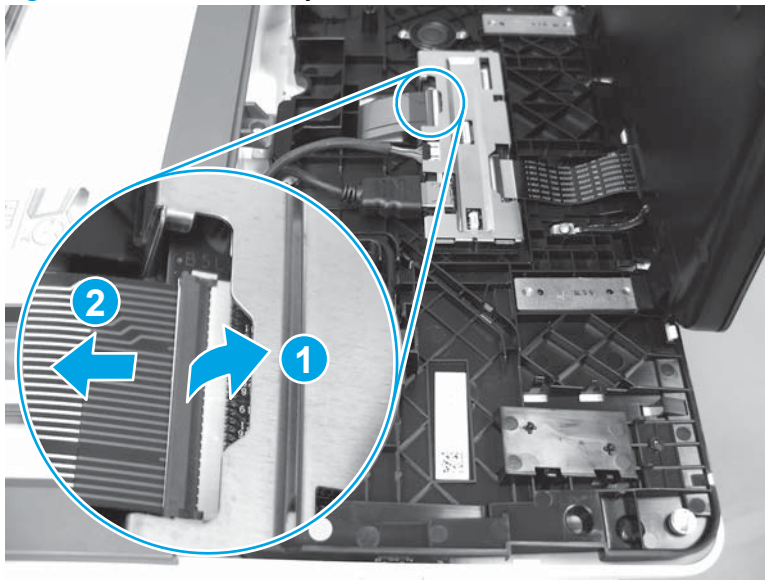
5. Lift up on the cover to release the right- and left-side bosses, and then remove the cover.

Figure 1-35 Remove the cover



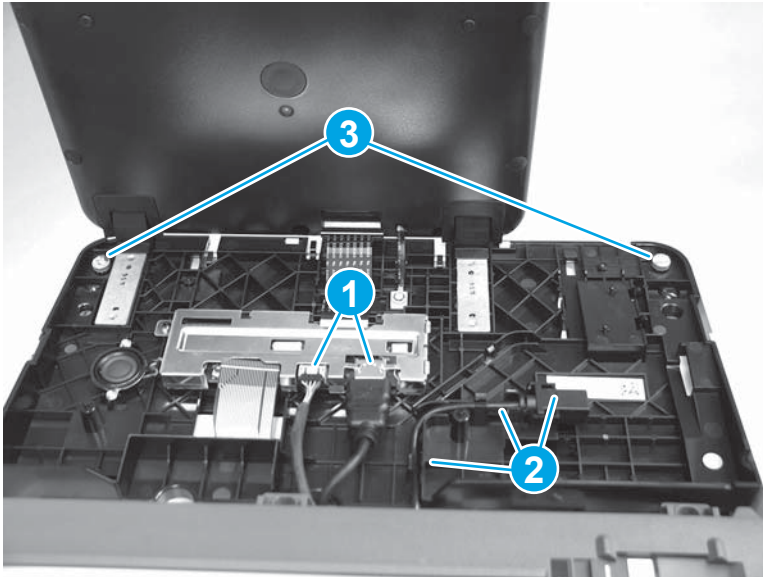
6. **586z only:** Open the connector latch to release the keyboard flat cable.

Figure 1-36 Release the keyboard cable (586z)



7. Disconnect one HDMI cable and one connector (callout 1), release the USB cable from the holder and retainers (callout 2), and then remove two thumbscrews (callout 3).

Figure 1-37 Disconnect connectors and remove thumbscrews



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

Figure 1-38 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.

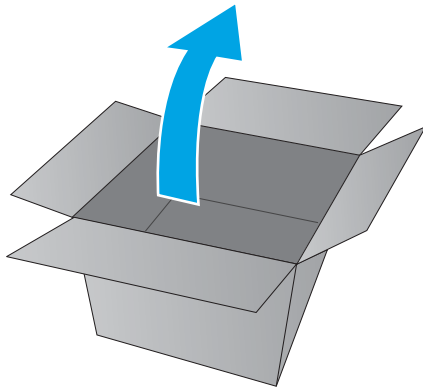
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.

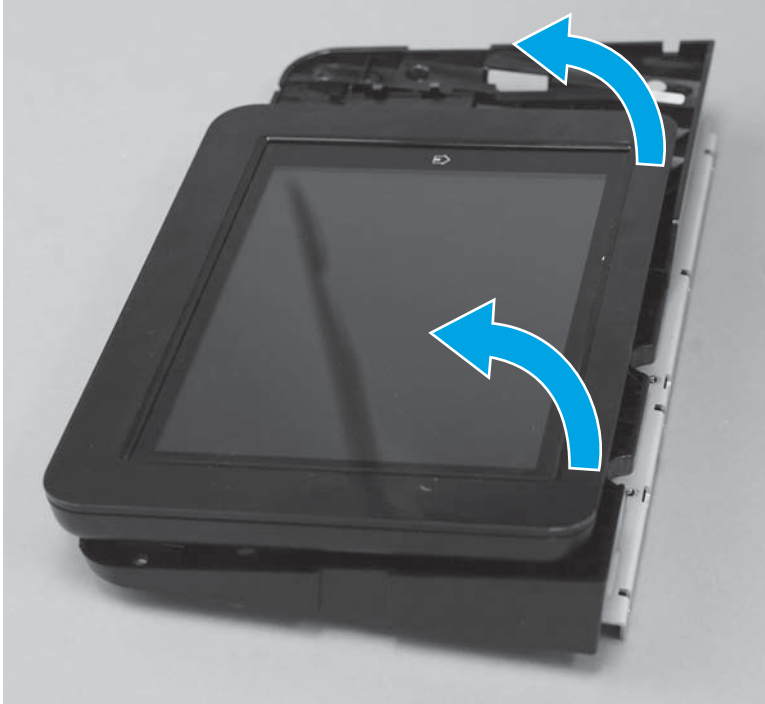


Step 3: Install the control panel (556)

The HP PageWide Enterprise Color MFP 586z printer is shown in this guide, however the control-panel replacement procedure is valid for all of the 586 printers. The 586dn and 586f printers do not have a keyboard.

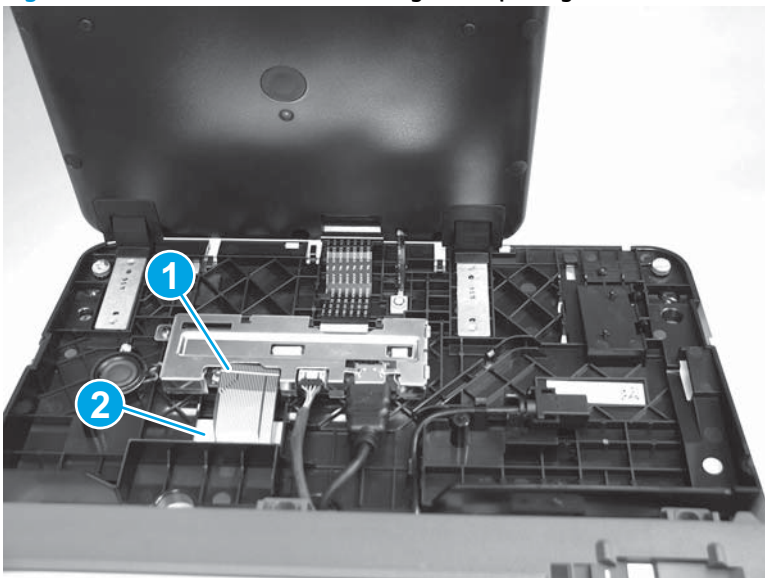
1. Tilt the replacement control panel away from the base plate.

Figure 1-39 Open the replacement control panel



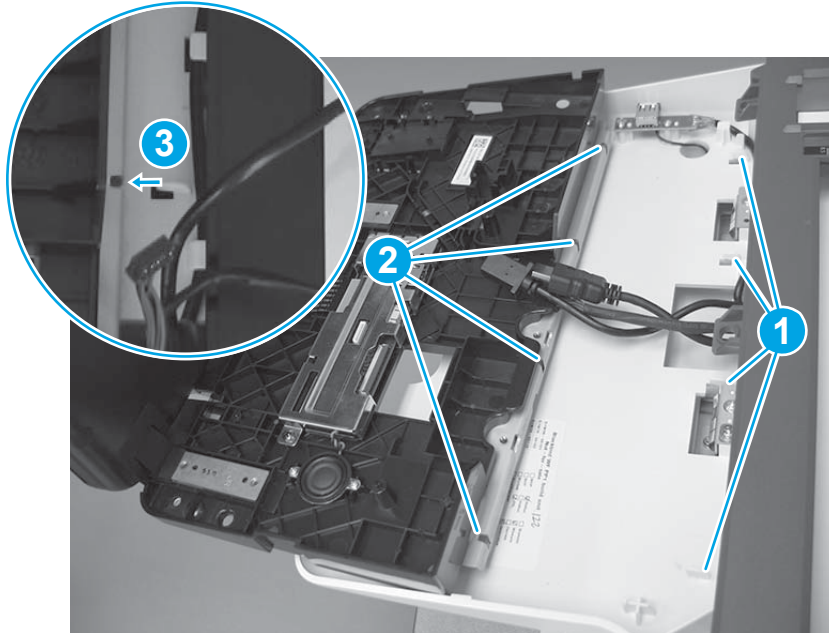
- 2. 586z only:** Make sure to feed the keyboard flat cable (callout 1) through the opening (callout 2) in the control-panel base when installing the control panel.

Figure 1-40 Pass the flat cable through the opening



3. Locate the four hooks on the ISA chassis (callout 1) and the matching slots in the control-panel base (callout 2). The hooks fit into the slots (callout 3) when the assembly is installed.

Figure 1-41 Locate the control-panel mounting hooks and slots



4. Position the rear edge of the control panel in the ISA chassis (callout 1), and then lower the front of the assembly down (callout 2).


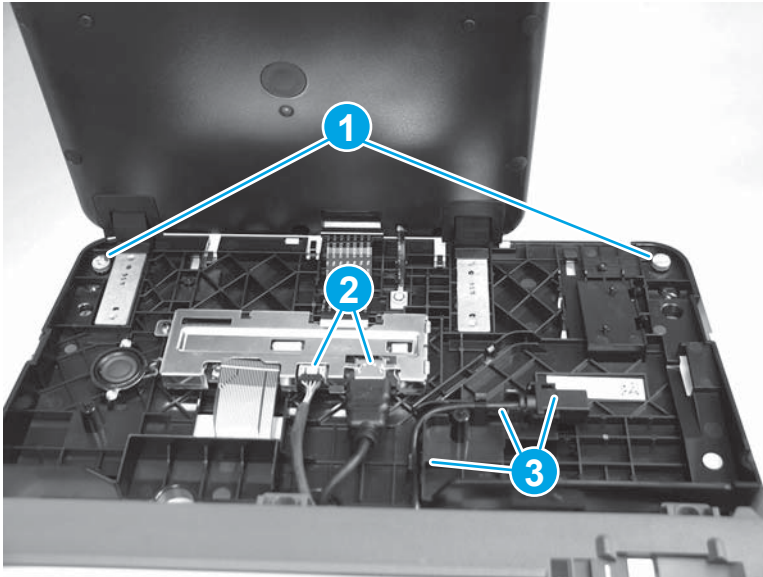
 **NOTE:** Make sure that the hooks on the ISA chassis are engaged in the slots of the control-panel base (see step 3).

Figure 1-42 Install the control panel



5. Use the screwdriver provided in the kit to install two screws (callout 1). Connect one HDMI cable and one connector (callout 2), and then install the USB cable in the holder and retainers (callout 3).

Figure 1-43 Install thumbscrews and connect connectors



6. **586z only:** Insert the flat cable in the connector, and then close the latch.


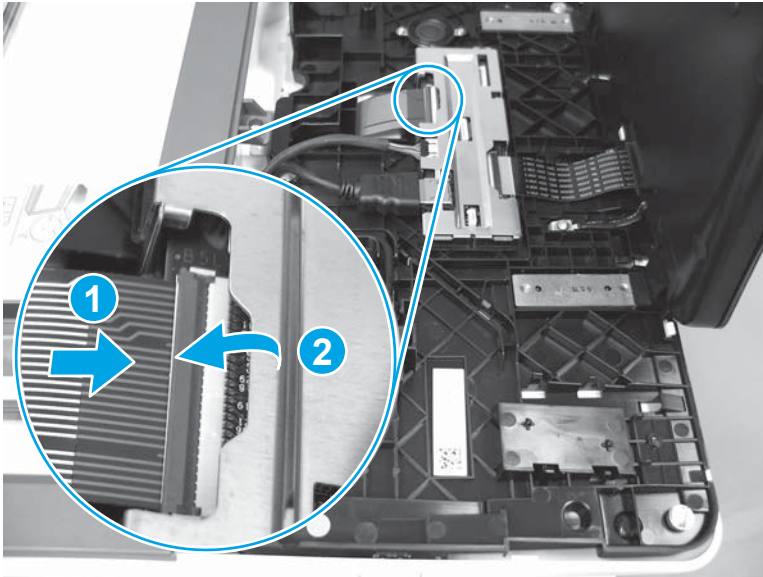
 **TIP:** When the flat cable is correctly inserted in the connector, the white line on the flat cable is parallel to the connector body.

Figure 1-44 Connect the keyboard cable (586z)



7. Position the control-panel cover on the control panel.

Figure 1-45 Install the cover



8. Beginning at the right side of the control-panel cover, carefully push down along the top edge of the cover to engage the bosses.

 **NOTE:** If the right- and left-side bosses are not fully engaged, push down along the edge of the cover to fully seat them.

Figure 1-46 Engage three bosses



9. Position the small gray plastic cover in the slot under the control panel, and then push it straight in to install it.

Figure 1-47 Install the cover



Removal and replacement: Control panel keyboard (586z)

- [Introduction](#)
- [Step 1: Remove the control panel keyboard](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the control panel keyboard](#)


Introduction

This document provides the procedures to remove and replace the control panel keyboard (586).

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.

Control panel keyboard kit part number	
G1W41-67938	Control panel keyboard US (586z) with instruction guide
G1W41-67959	Control panel keyboard UK (586z) with instruction guide

Required tools

- Optional: Small flat-blade 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 control panel keyboard is correctly functioning. If the keyboard is unresponsive after turning the printer on, check the flat cable. Reinstall the cable if necessary.

Step 1: Remove the control panel keyboard

1. Tilt the control panel to the fully raised position and open the document feeder.

Figure 1-48 Tilt the control panel up



2. Pull out on the small gray plastic cover under the control panel to release it.

 **TIP:** It might be easier to release the cover by using a small flat-blade screwdriver.

Figure 1-49 Release the small grey plastic cover



3. Remove the cover.

Figure 1-50 Remove the cover



4. Beginning at the left side of the control-panel cover, carefully release three bosses along the top edge of the cover.

 **NOTE:** The thin, black plastic cover will separate from the white plastic control-panel base.

Figure 1-51 Release three bosses



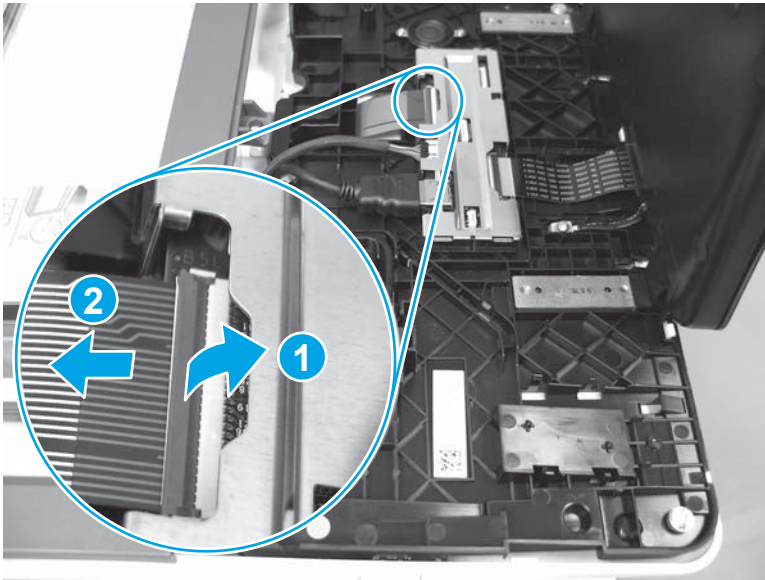
5. Lift up on the cover to release the right- and left-side bosses, and then remove the cover.

Figure 1-52 Remove the cover



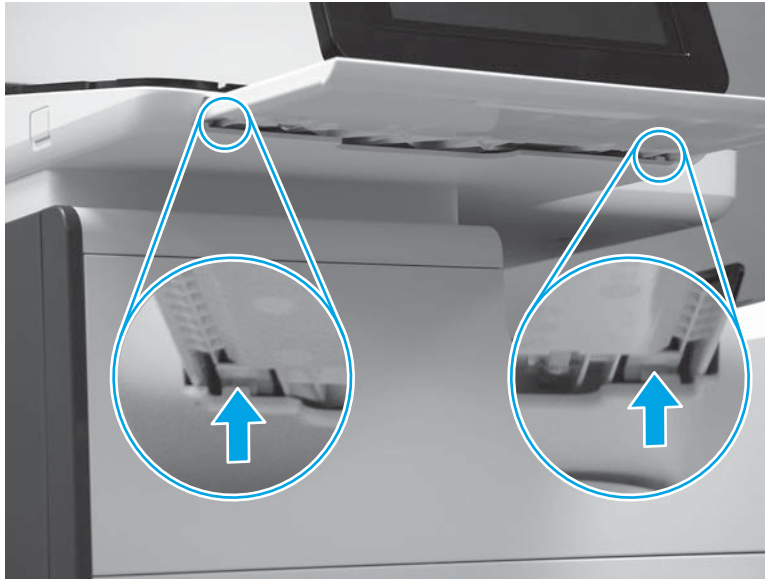
6. Open the connector latch to release the keyboard flat cable.

Figure 1-53 Release the keyboard cable



7. Slide the keyboard out until it stops, and then release two tabs on the keyboard.

Figure 1-54 Release the keyboard



8. Remove the keyboard.

Figure 1-55 Remove the keyboard



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

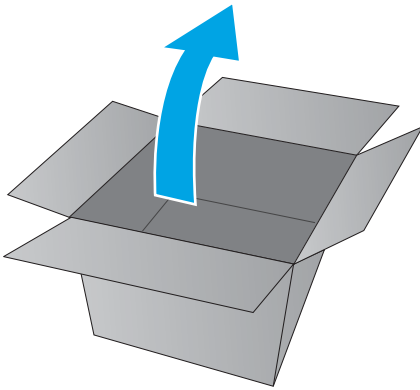
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or before touching rollers or pads.

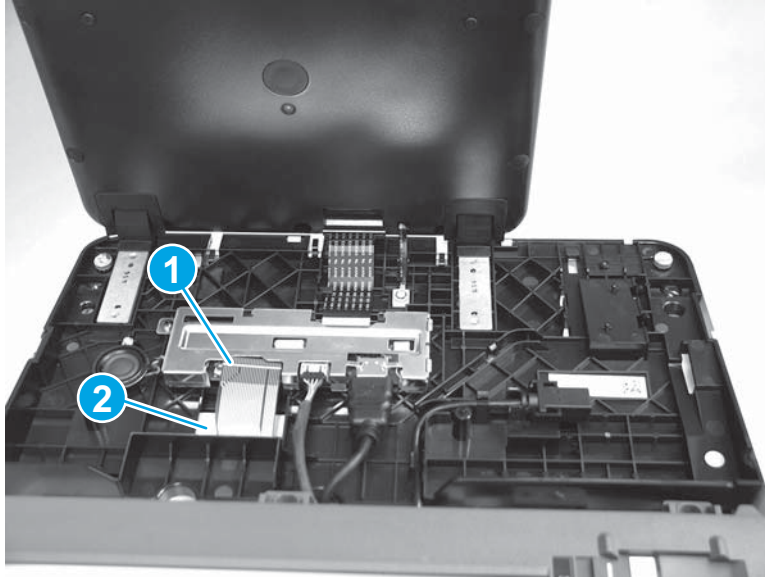
IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 3: Install the control panel keyboard

1. When installing the keyboard, make sure to feed the keyboard flat cable (callout 1) through the opening (callout 2) in the control-panel base.

Figure 1-56 Pass the flat cable through the opening



2. Install the keyboard, and then slide it in until it stops.

Figure 1-57 Install the keyboard



3. Insert the flat cable in the connector, and then close the latch.


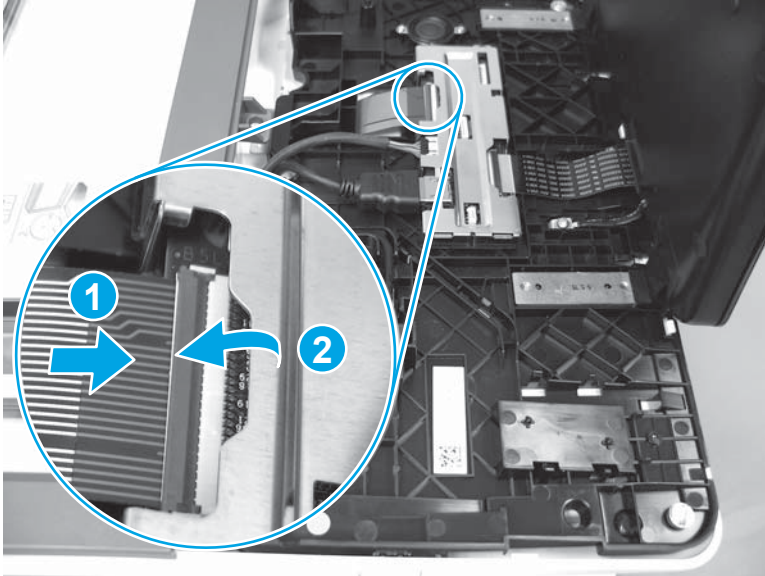
 **TIP:** When the flat cable is correctly inserted in the connector, the white line on the flat cable is parallel to the connector body.

Figure 1-58 Connect the keyboard cable



4. Position the control-panel cover on the control panel.

Figure 1-59 Install the cover



5. Beginning at the right side of the control-panel cover, carefully push down along the top edge of the cover to engage the bosses.


 **NOTE:** If the right- and left-side bosses are not fully engaged, push down along the edge of the cover to fully seat them.

Figure 1-60 Engage three bosses



6. Position the small gray plastic cover in the slot under the control panel, and then push it straight in to install it.

Figure 1-61 Install the cover



Removal and replacement: embedded MultiMedia Card (eMMC) (556dn)

- [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 product firmware](#)


Introduction

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


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 cord before attempting to service the printer.

 **CAUTION:**  ESD-sensitive part.

 **IMPORTANT:** Do not replace the formatter, DC controller, 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:** Data stored on the eMMC is not secure and cannot be encrypted.

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) kit part number	
---	--

G1W47-67902

embedded MultiMedia Card (eMMC) (556dn) with instruction guide
--

Required tools

No special tools are required to install this part.

After performing service

Make sure that the formatter cover is fully seated, and that the thumbscrews are finger tight after replacing it.

Turn the printer power on

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

Post service test

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

Step 1: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


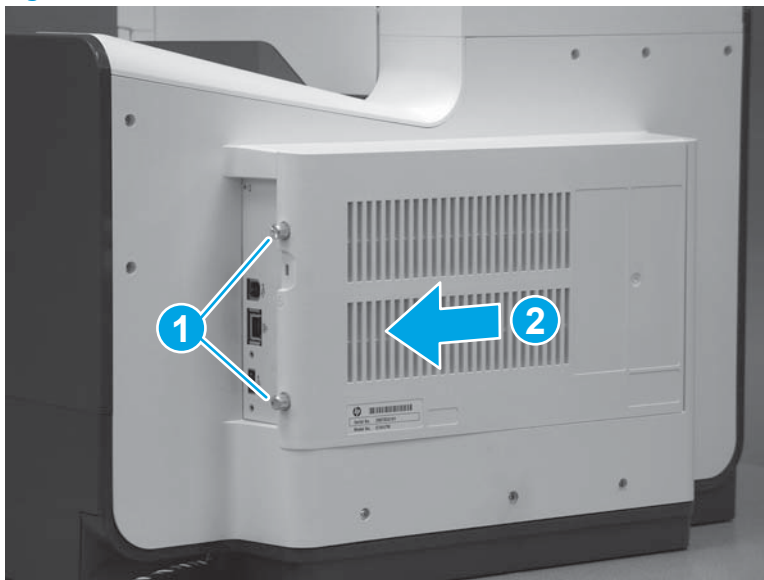

 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-62 Remove the formatter cover



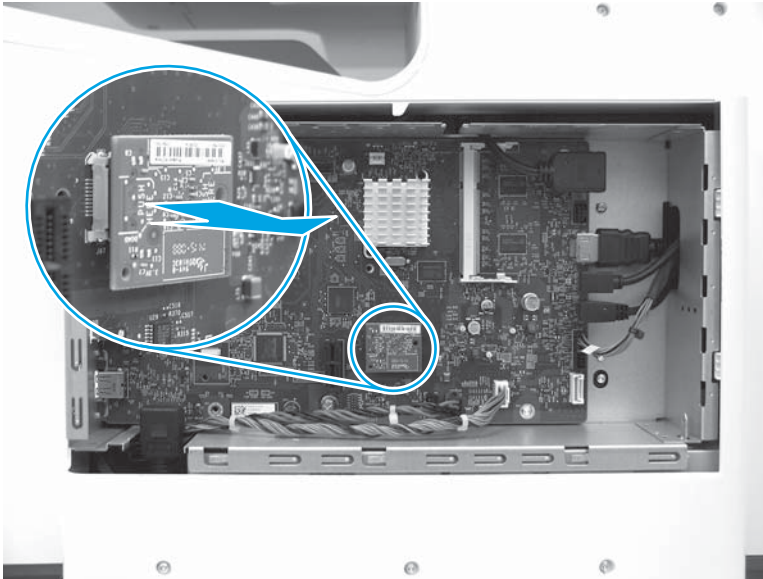
Step 2: Remove the embedded MultiMedia Card (eMMC)

 **CAUTION:**  ESD-sensitive part.

 **NOTE:** M506 (all) and M527dn printers only.

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

Figure 1-63 Remove the eMMC



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

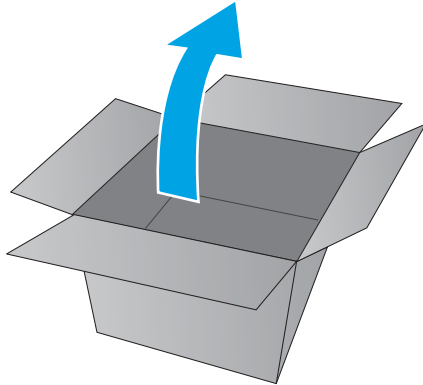
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.



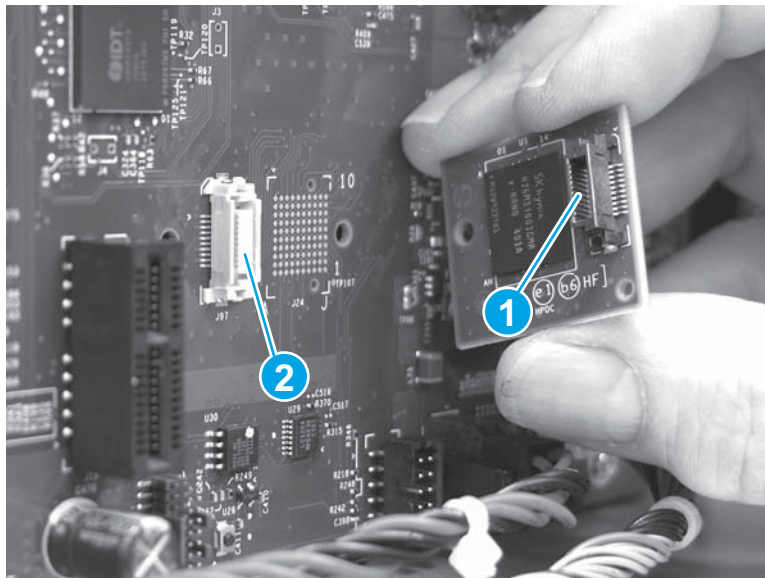
Step 4: Install the eMMC

⚠ CAUTION:  ESD-sensitive part.


📝 NOTE: M506 (all) and M527dn printers only.

1. Note the location of the connector (callout 1) on the eMMC and the connector (callout 2) on the formatter.

Figure 1-64 Locate the eMMC connectors

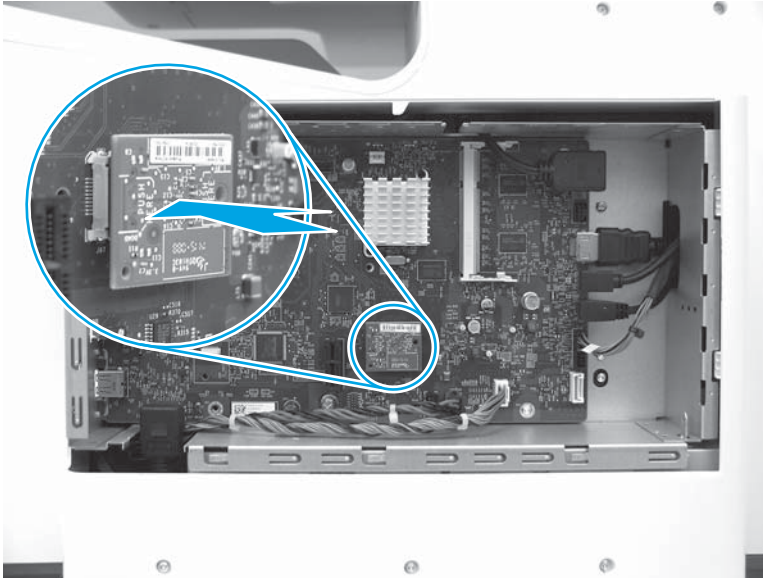


2. Align the connector on the replacement eMMC (callout 1) with the connector on the formatter, and then push the eMMC onto the formatter to install it.

 **IMPORTANT:** Push on the eMMC at the location shown by the arrow. Ignore any “Push here” label on the eMMC itself. Make sure that the eMMC is fully seated in the connector .

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

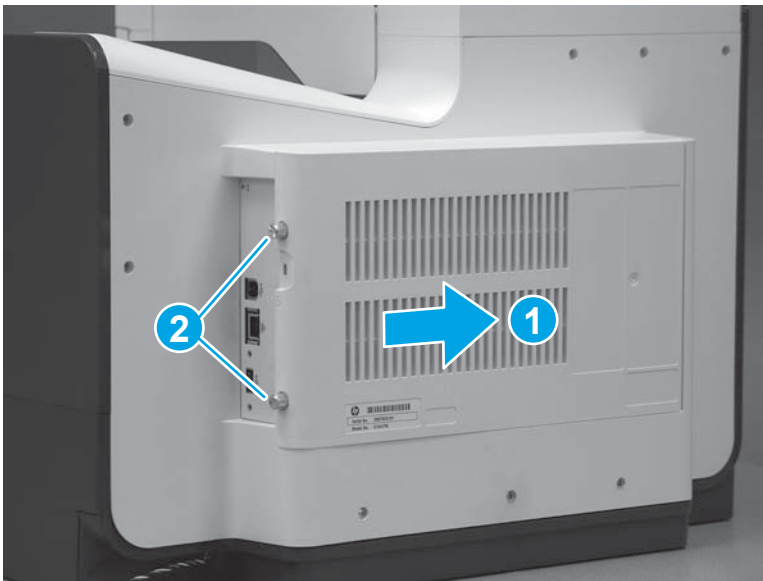
Figure 1-65 Install the eMMC



Step 5: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-66 Install the formatter cover



Step 6: Reinstall the product firmware


 **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 firmware download page.
5. Select **OS Independent** from the list of operating systems.
6. Under the **Firmware** section, find the file 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 firmware update**.

Removal and replacement: Hard-disk drive (HDD)

 **NOTE:** M586 all; 556xh printers only.

- [Introduction](#)
- [Step 1: Remove the formatter cover](#)
- [Step 2: Remove the hard-disk drive \(HDD\)](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 5: Install the HDD](#)
- [Step 6: Install the formatter cover](#)
- [Step 7: Reinstall the product firmware](#)


Introduction



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

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.

 **CAUTION:**  This part contains components that are electrostatic discharge (ESD) sensitive. To reduce the possibility of ESD damage, always touch the sheet-metal chassis to ground yourself before touching an ESD sensitive part.

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) kit part numbers	
G1W41-67902	320 GB hard-disk drive (HDD) (586 all; 556xh) with instruction guide

Required tools

No special tools are required to install this part.

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.

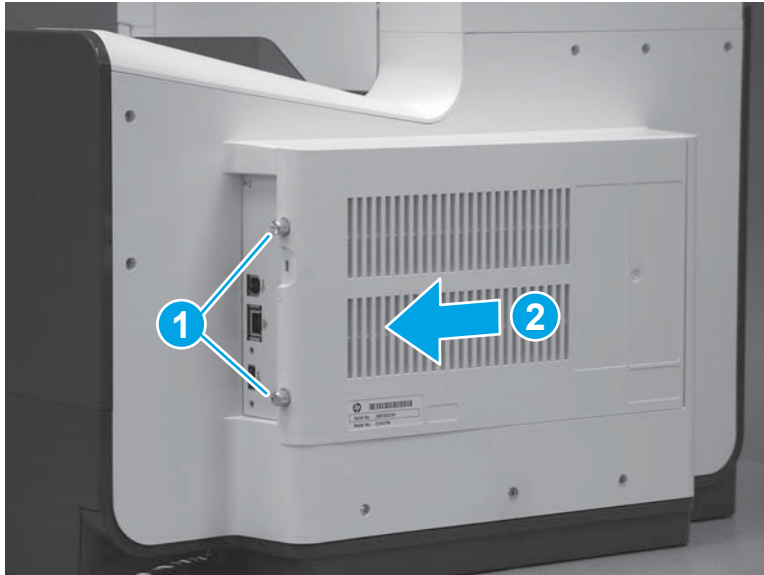
Print a configuration page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).

 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-67 Remove the formatter cover



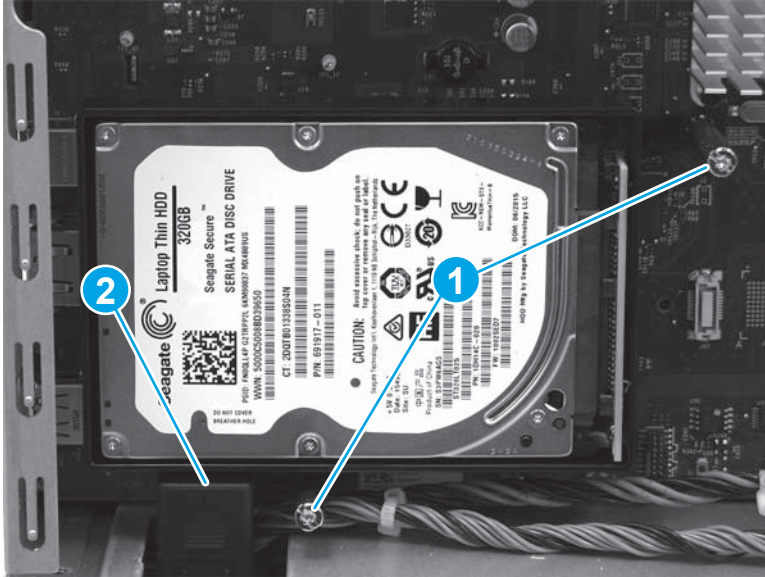
Step 2: Remove the hard-disk drive (HDD)

 **CAUTION:**  ESD-sensitive part.

1. Remove two thumbscrews (callout 1).

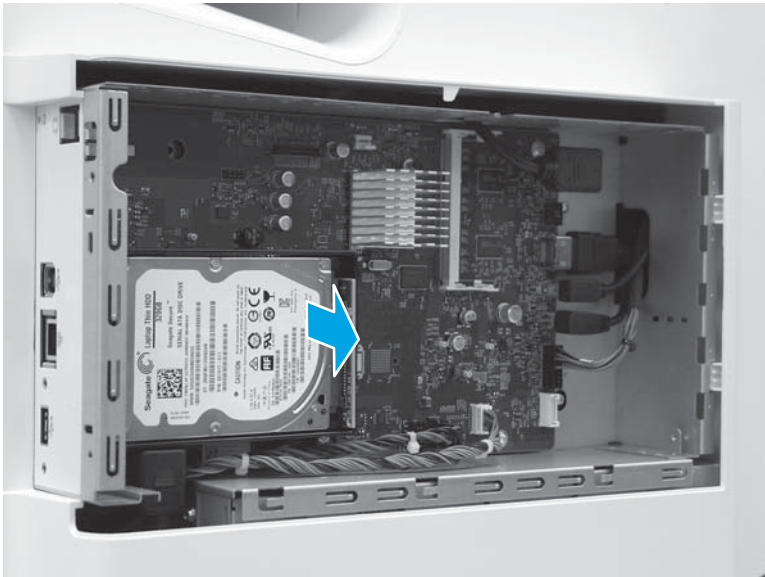
 **TIP:** It might be easier to remove the lower thumbscrew if one connector (callout 2) is disconnected.

Figure 1-68 Release the HDD



2. Pull the HDD straight off of the formatter to remove it.

Figure 1-69 Remove the HDD



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

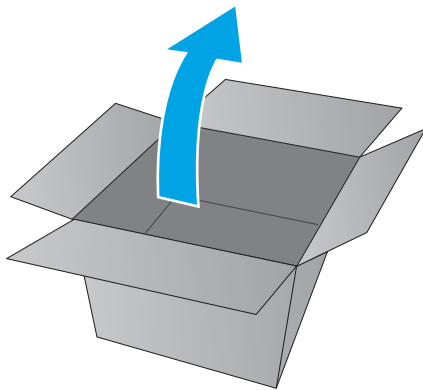
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.

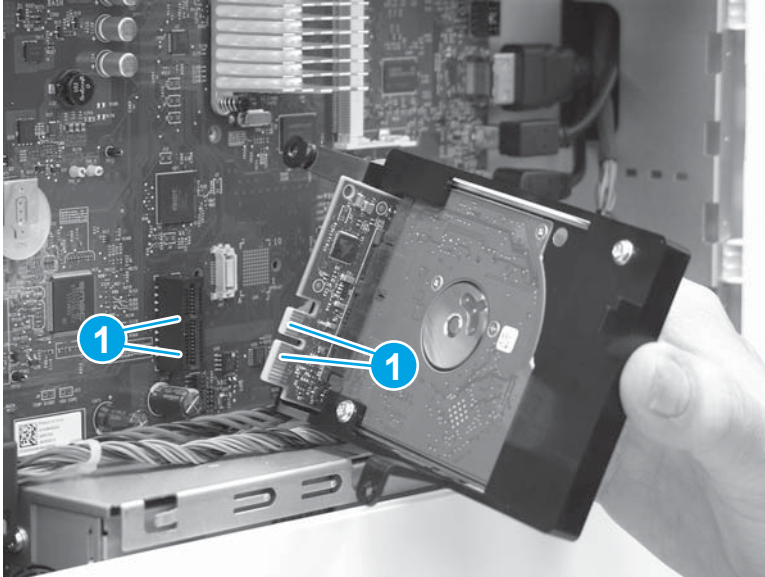


Step 5: Install the HDD

⚠ CAUTION:  ESD-sensitive part.

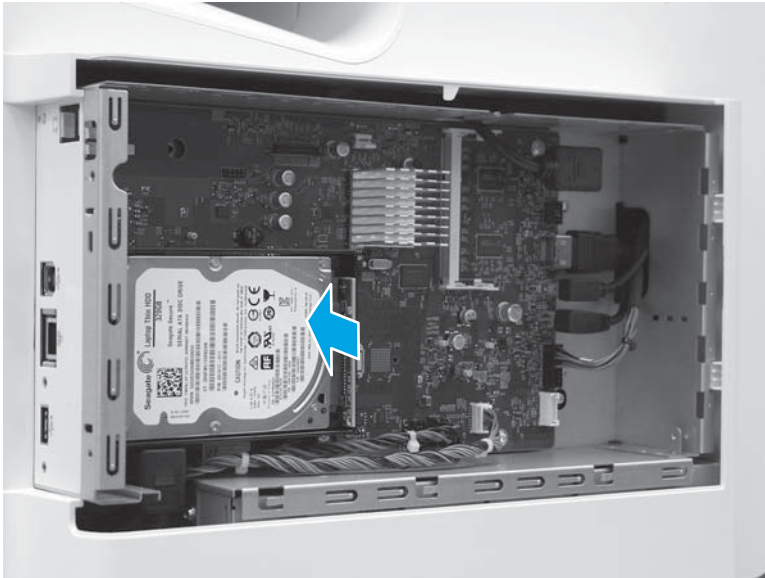
1. Before proceeding, note the location of the connectors (callout 1) on the HDD and the connector slots (callout 2) on the formatter.

Figure 1-70 Locate the connectors



2. Align the connectors mentioned in the previous step, and then push the HDD onto the formatter to install it.

Figure 1-71 Install the HDD



3. Install two thumbscrews (callout 1).


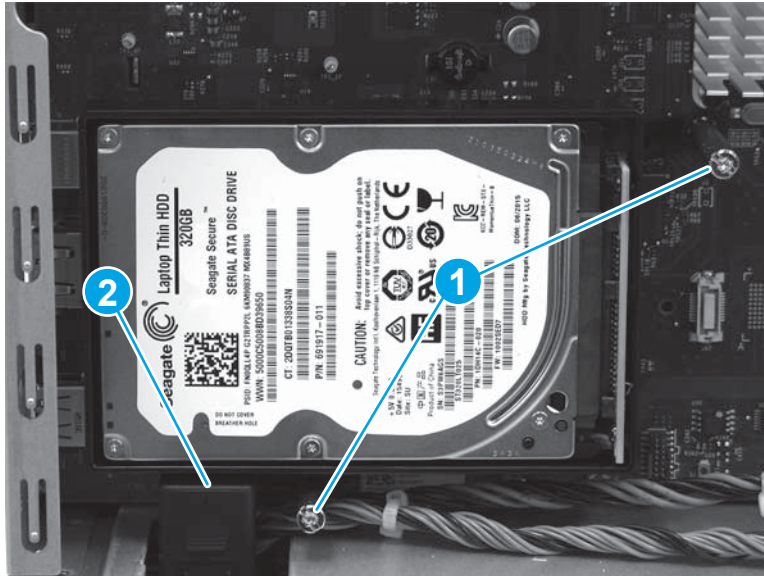
 **NOTE:** If the connector (callout 2) was disconnected to make it easier to install the lower thumbscrew, connect it now.

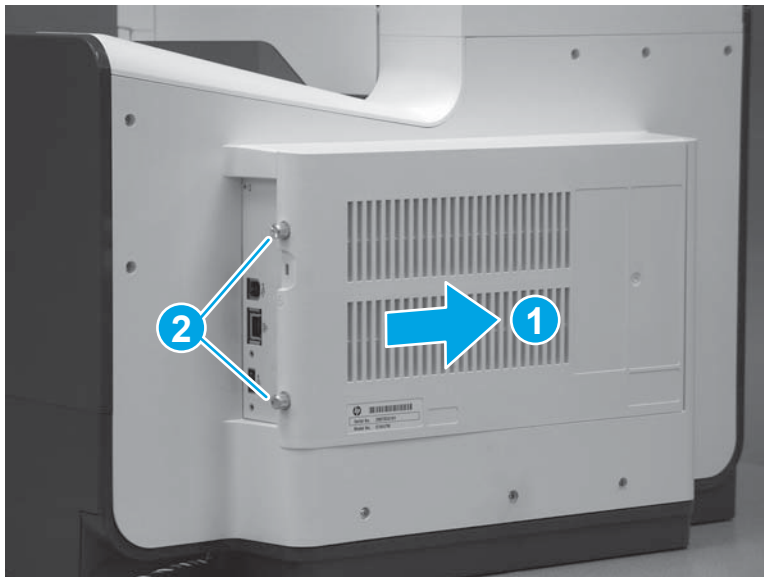
Figure 1-72 Install two thumb screws



Step 6: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-73 Install the formatter cover



Step 7: Reinstall the product firmware

 **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 firmware download page.
5. Select **OS Independent** from the list of operating systems.
6. Under the **Firmware** section, find the file 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 firmware update**.

Customer self-repair (CSR) B parts and assemblies

Customer Self-Repair (CSR) parts are available for many HP LaserJet printers to reduce repair time. More information about the CSR program and benefits 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), printer number, or printer name.

- Parts listed as **A**: Easy
- Parts listed as **B**: Difficult and/or requires tools



NOTE: For a complete list of CSRs, see the customer self-repair kits table in the printer repair manual (parts chapter).

- [Removal and replacement: Control panel \(556\)](#)

Removal and replacement: Control panel (556)

- [Introduction](#)
- [Step 1: Removal the control panel \(556\)](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the control panel \(556\)](#)


Introduction

This document provides the procedures to remove and replace the control panel (556).

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.

Control panel (M556) part number

G1W41-67907Control panel (M556) with instruction guide

Required tools



NOTE: A reversible-shaft screwdriver is supplied with this kit.

- Torx driver (#10 with magnetized tip).
- Small flat-blade 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.

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

Verify that the control panel is correctly functioning. See the control panel check section in the printer troubleshooting manual.

Step 1: Removal the control panel (556)

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

Figure 1-74 Tilt the control panel up



2. Insert a small flat-blade screwdriver into the notch in the cover, and then carefully pry up the cover to release it. Remove the cover.

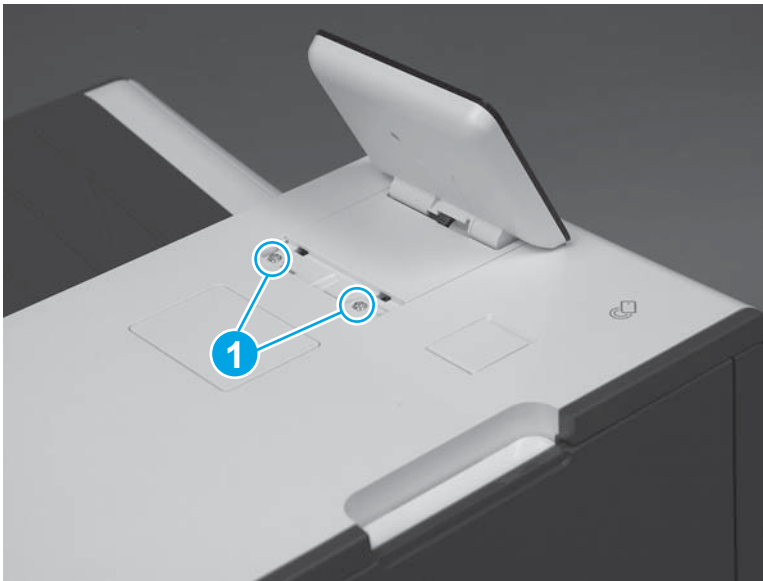
Figure 1-75 Release two tabs



3. Remove two # 10 torx screws (callout 1).

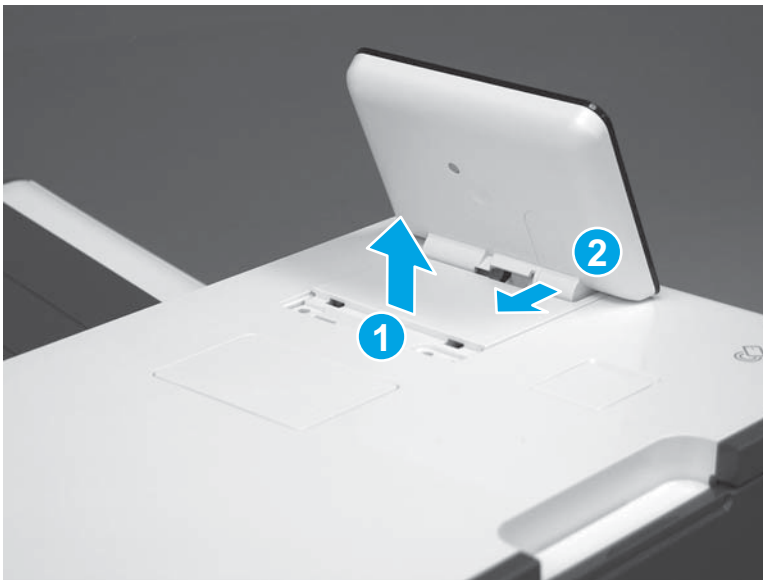
⚠ CAUTION: Store the screws in a secure place where they cannot fall down into the printer.

Figure 1-76 Remove two screws



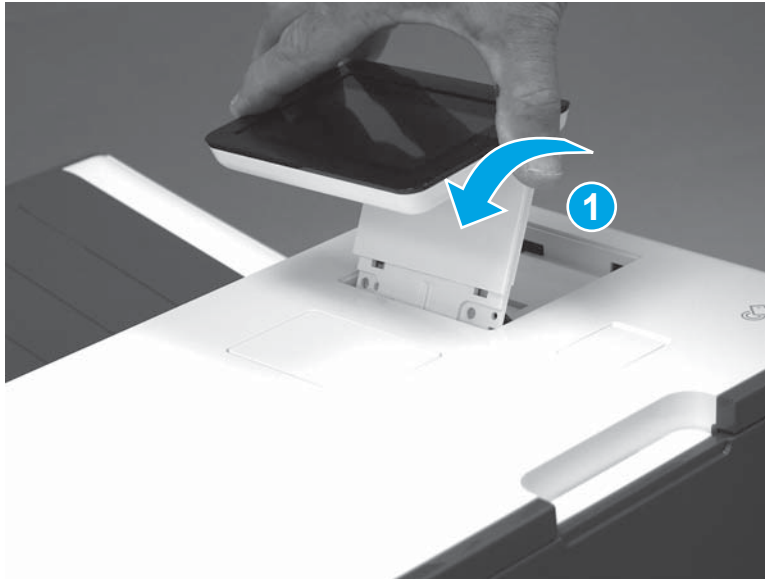
4. Lift up the rear edge of the control panel (callout 1), and then slightly slide it toward the rear of the printer (callout 2) to release the front tabs.

Figure 1-77 Release the control panel over



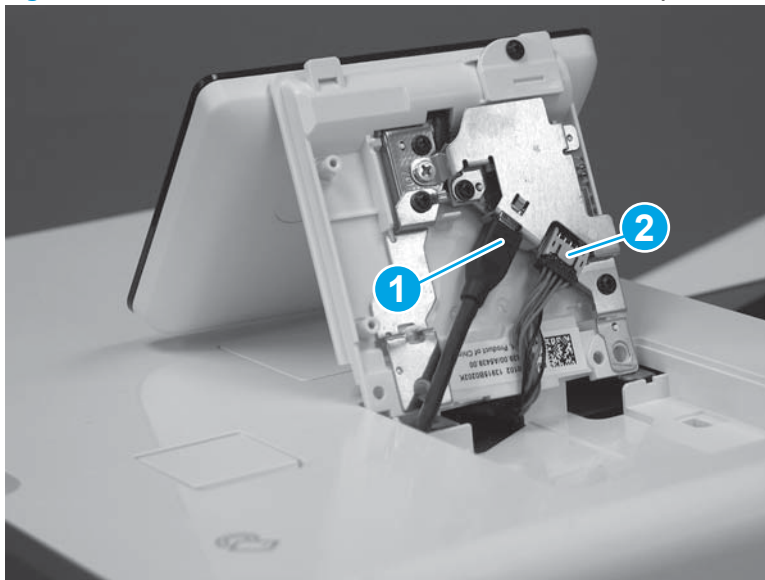
5. Turn the control panel over (callout 1), to gain access to the bottom side.

Figure 1-78 Turn the control panel over



6. Disconnect one HDMI cable (callout 1) and one connector (callout 2), and then remove the control panel.

Figure 1-79 Disconnect connectors and 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.

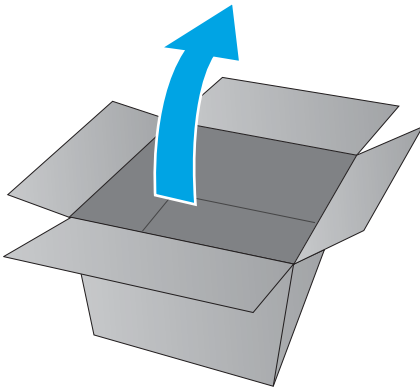
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or before touching rollers or pads.

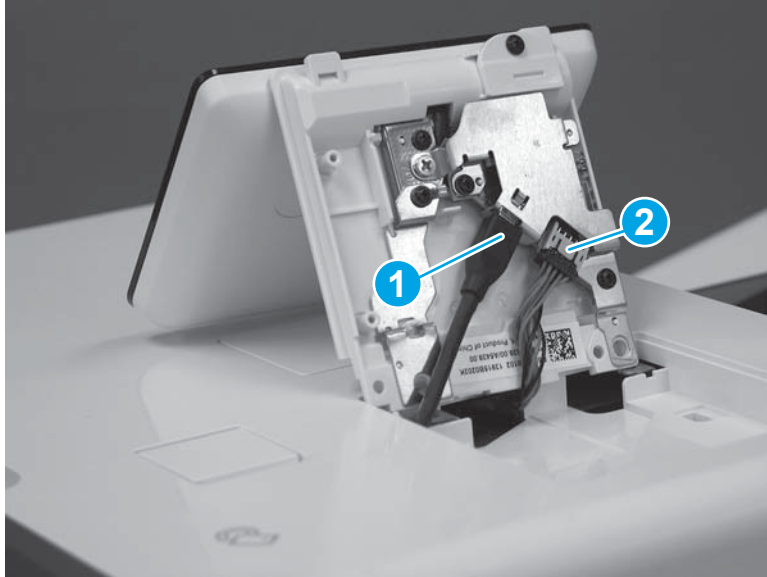
IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 3: Install the control panel (556)

1. Connect one HDMI cable (callout 1) and one connector (callout 2).

Figure 1-80 Connect cables



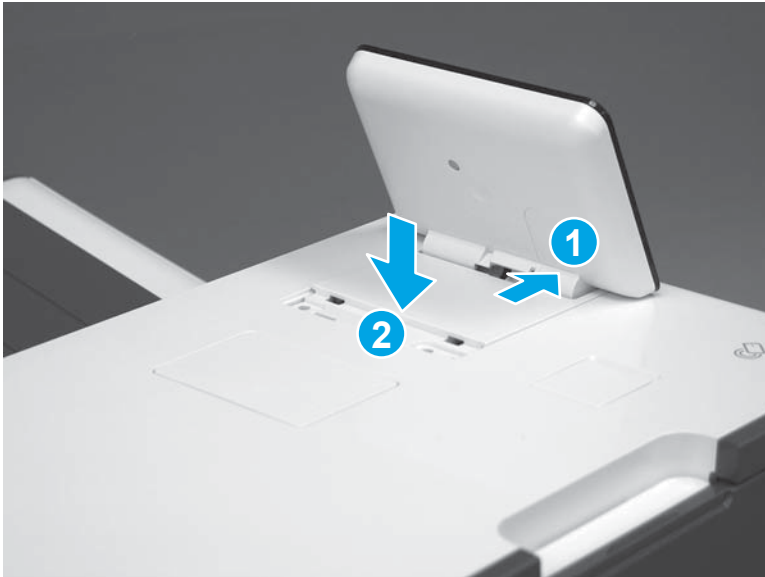
2. Install the tabs (callout 1) on the front of the control panel in the slots (callout 2) on the printer top cover.

Figure 1-81 Install the control panel



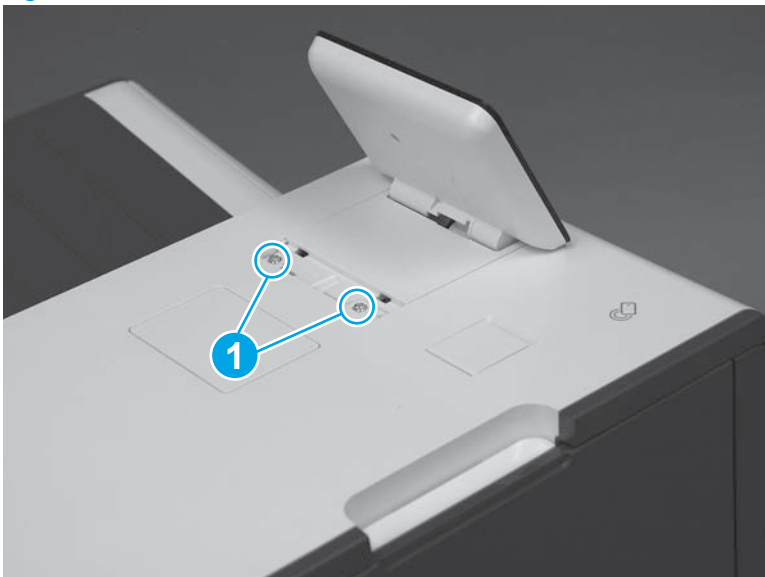
3. With the front tabs engaged in the slots (callout 1), rotate the control-panel base down onto the printer (callout 2).

Figure 1-82 Rotate the control-panel base down



4. Install two # 10 torx screws (callout 1).

Figure 1-83 Install two screws

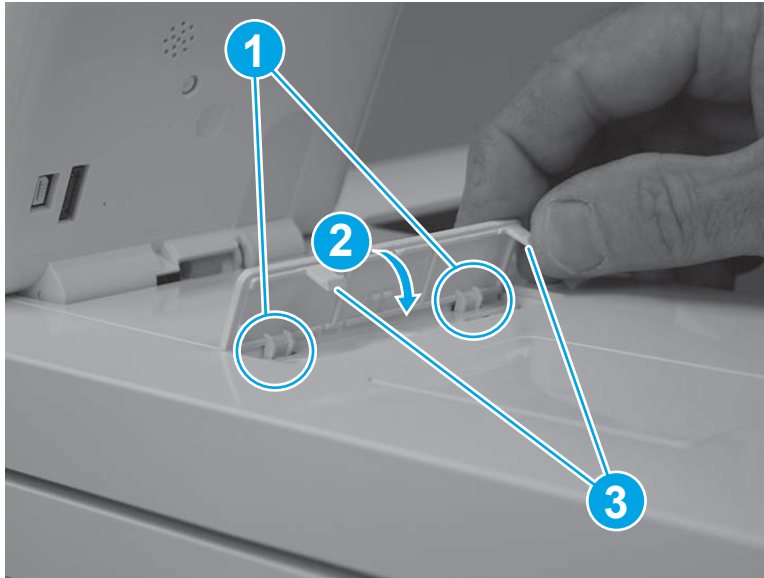


5. Position the access cover mounting feet into the slots in the top cover (callout 1), and then rotate the cover down (callout 2) to install it.



NOTE: Press down on the cover firmly to make sure that the tabs (callout 3) snap into place.

Figure 1-84 Install the cover



Field replaceable units (FRUs) / Bench repairable units (BRUs)

Removal and replacement: External panels, covers, and doors

- [Removal and replacement: Left door](#)
- [Removal and replacement: Scanner control board \(SCB\) cover](#)
- [Removal and replacement: Formatter cover](#)
- [Removal and replacement: Right cover \(outer\)](#)
- [Removal and replacement: Left-rear top cover cap \(556\)](#)
- [Removal and replacement: Left-front top cover cap \(556\)](#)
- [Removal and replacement: Left rear cover](#)
- [Removal and replacement: Left front cover](#)
- [Removal and replacement: Rear cover](#)
- [Removal and replacement: Top cover \(556\)](#)
- [Removal and replacement: Top cover \(586\)](#)
- [Removal and replacement: Front cover](#)
- [Removal and replacement: Output-bin inner cover](#)

Removal and replacement: Left door

- [Introduction](#)
- [Step 1: Remove the left door](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 1: Install the left door](#)

Introduction

This document provides the procedures to remove and replace the left door.

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.

Left door kit part number	
G1W39-67926	Left door 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.

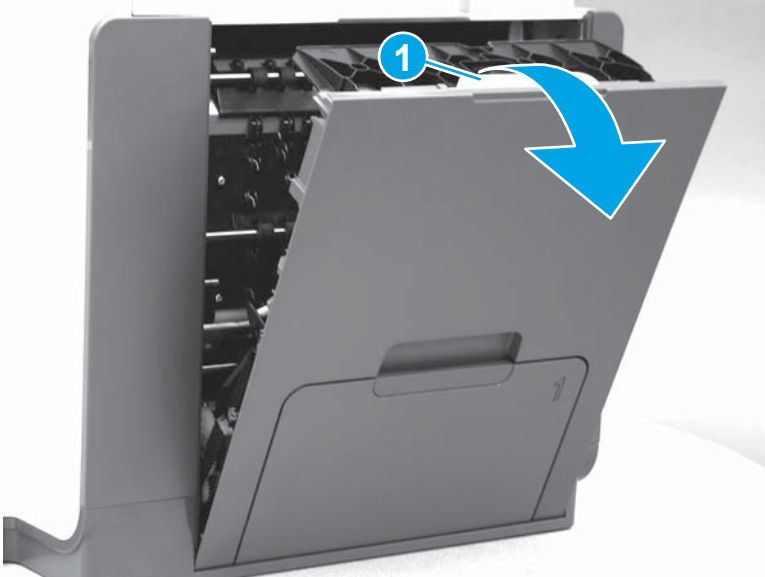
Post service test

No post service test are available for this assembly.

Step 1: Remove the left door

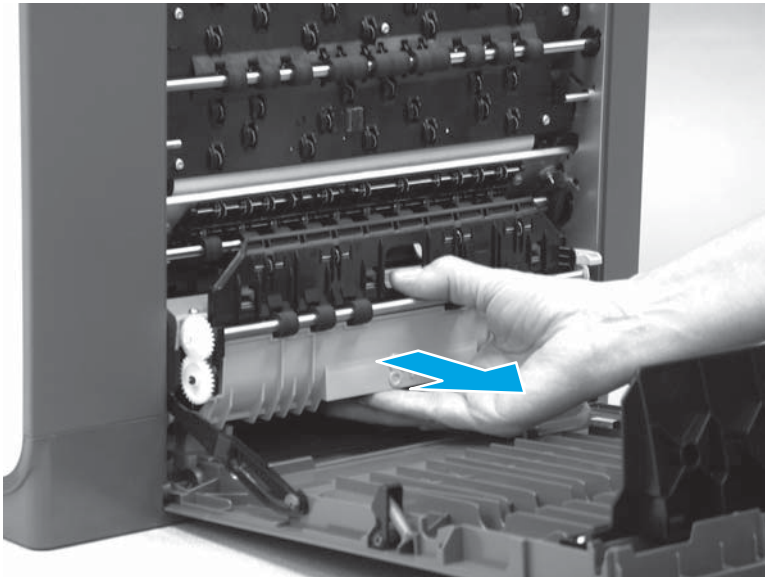
1. Release the latch (callout 1), and then open the left door.

Figure 1-85 Open the left door



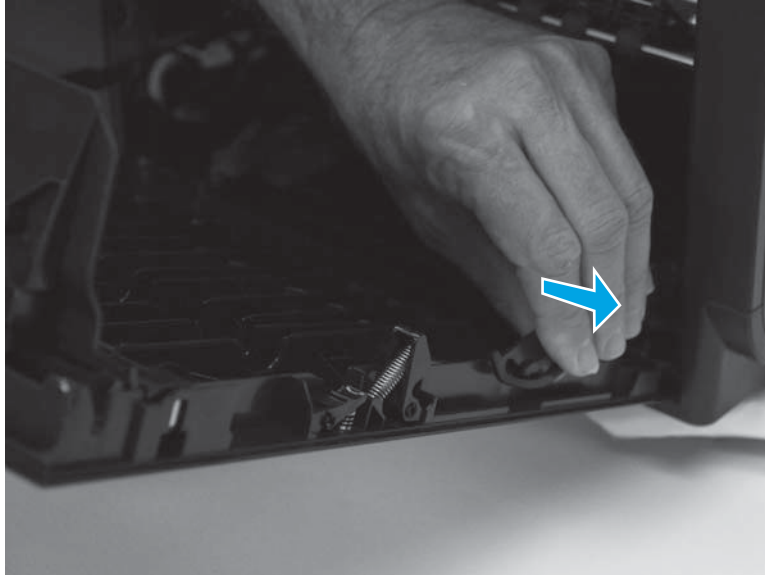
2. Remove the ink collection unit.

Figure 1-86 Remove the ink collection unit



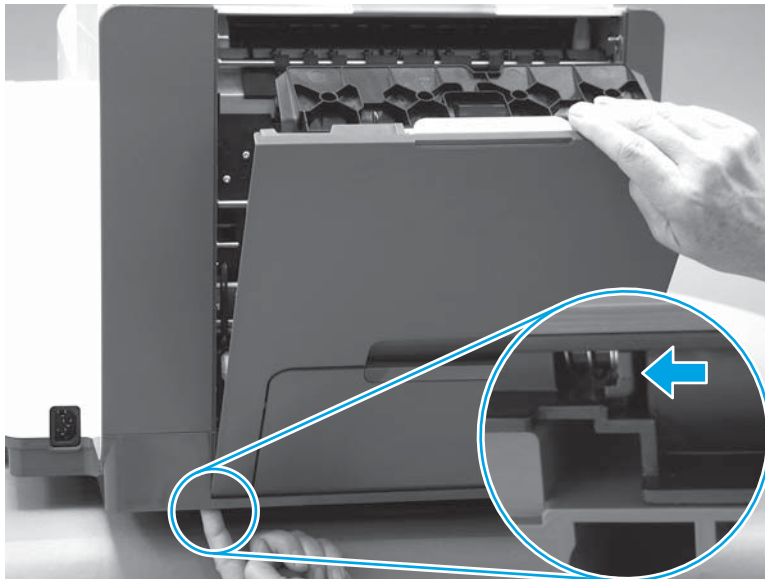
3. Raise the door slightly and unhook each restraining strap by twisting the bottom end of the strap away from the door.

Figure 1-87 Unhook each restraining strap



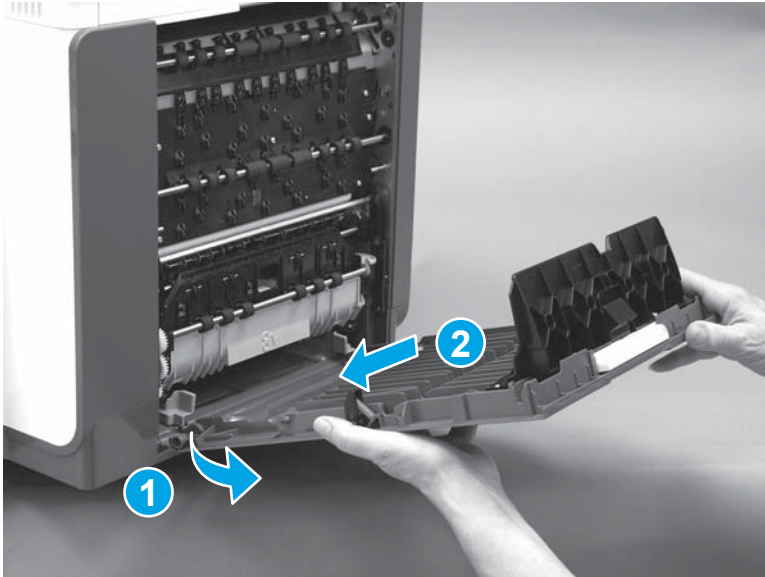
4. Underneath the rear door hinge, locate the catch lever. Press the catch lever toward the rear of the printer and hold it in the released position.

Figure 1-88 Press and hold the catch lever



5. While holding the catch lever in the released position, raise the door to a 45-degree angle. Rotate the rear side of the door to the right (callout 1), and then slide the door to the left (callout 2) to remove it.

Figure 1-89 Remove the left door



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

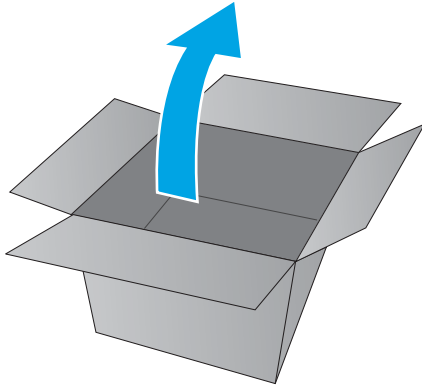
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

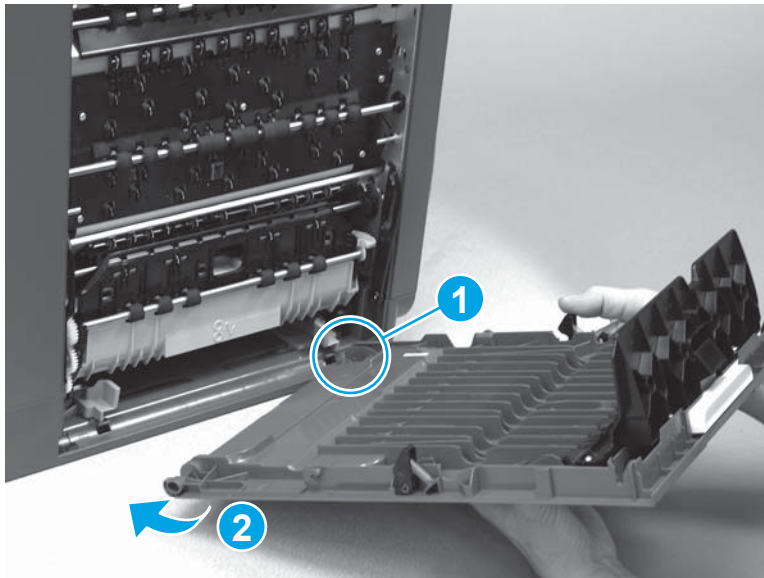
📄 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 1: Install the left door

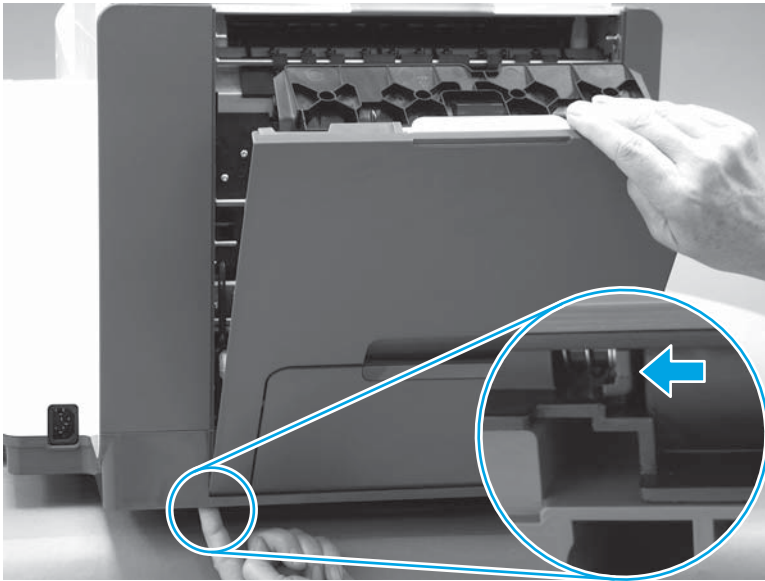
1. Position the shaft on the left door into the opening in the printer (callout 1), and then rotate the door toward the printer (callout 2).

Figure 1-90 Install the left door



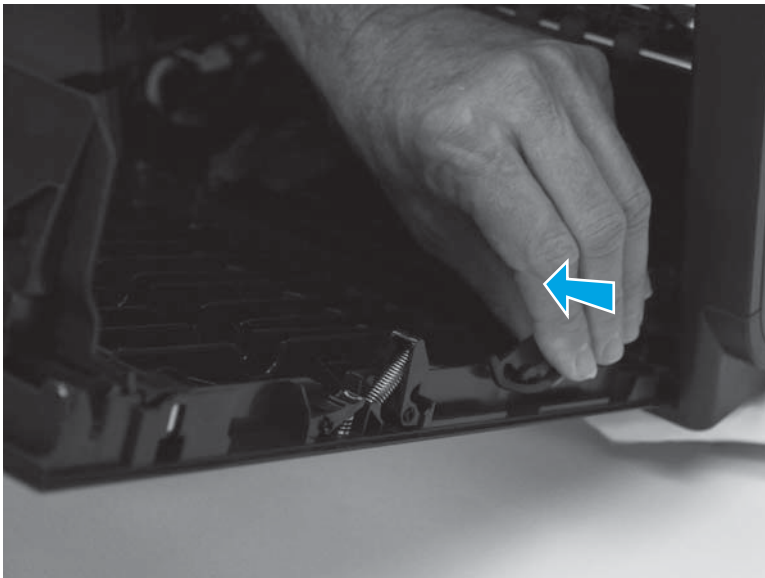
2. Underneath the rear door hinge, press the catch lever toward the rear of the printer and hold it in the released position. Position the door against the printer, and then release the catch lever hinge shaft into the opening in the door.

Figure 1-91 Press and hold the catch lever



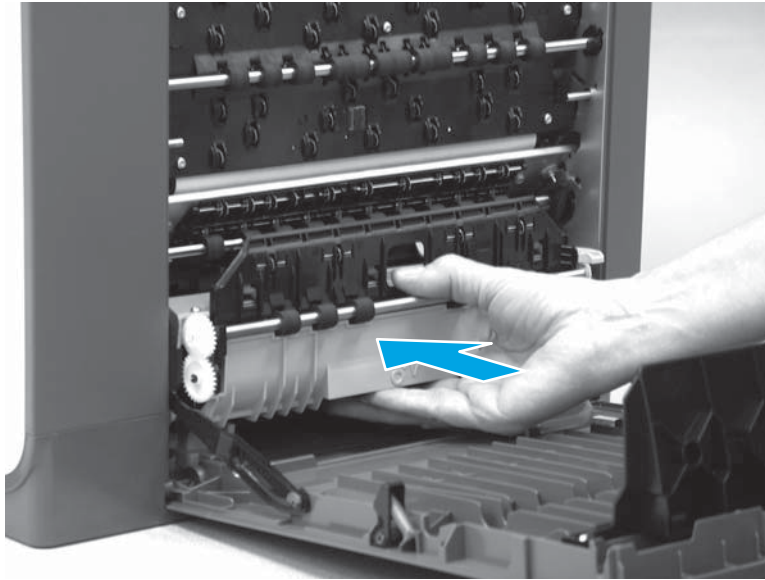
3. Reattach each restraining strap by positioning the top of the strap on the hinge post, and then twisting the bottom end of the strap toward the door.

Figure 1-92 Reattach each restraining strap



4. Reinstall the ink collection unit.

Figure 1-93 Reinstall the ink collection unit



5. Close the left door.

Figure 1-94 Close the left door



Removal and replacement: Scanner control board (SCB) cover

- [Introduction](#)
- [Step 1: Remove the scanner control board \(SCB\) cover](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the SCB cover](#)


Introduction

This document provides the procedures to remove and replace the scanner control board (SCB) cover.

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.

Scanner control board (SCB) cover part number	
G1W39-67936	SCB cover

Required tools

- #10 Torx driver with a 152 mm (6 in) shaft and magnetized tip.

After performing service

Turn the printer power on

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

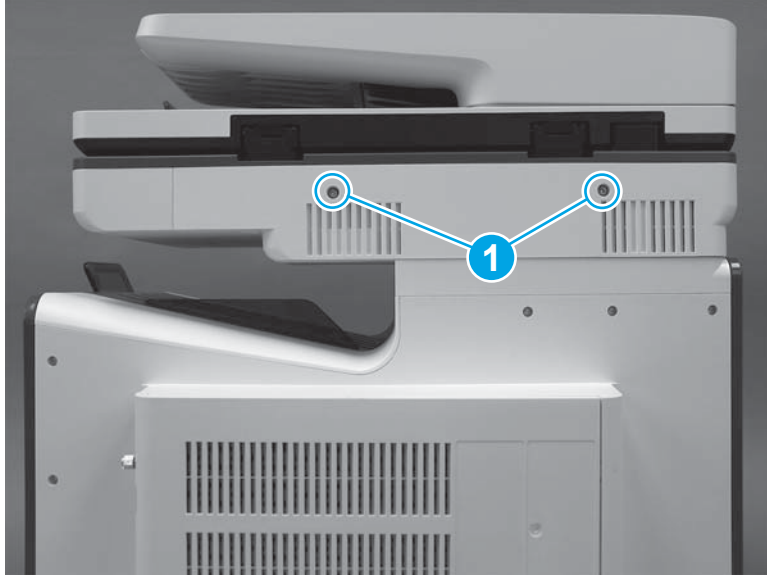
Post service test

No post service test are available for this assembly.

Step 1: Remove the scanner control board (SCB) cover

1. At the back of the printer, remove two screws (callout 1).

Figure 1-95 Remove two screws



2. Pull the SCB cover straight off the printer to remove it

Figure 1-96 Remove the SCB cover



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

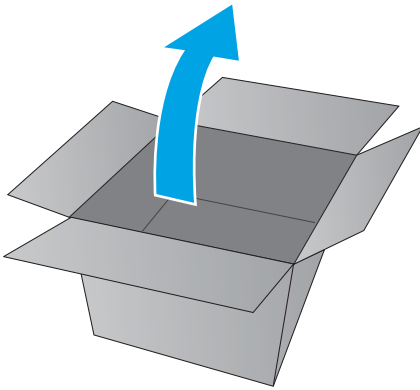
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or 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.



Step 3: Install the SCB cover

1. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-97 Align the SCB cover tabs and printer slots



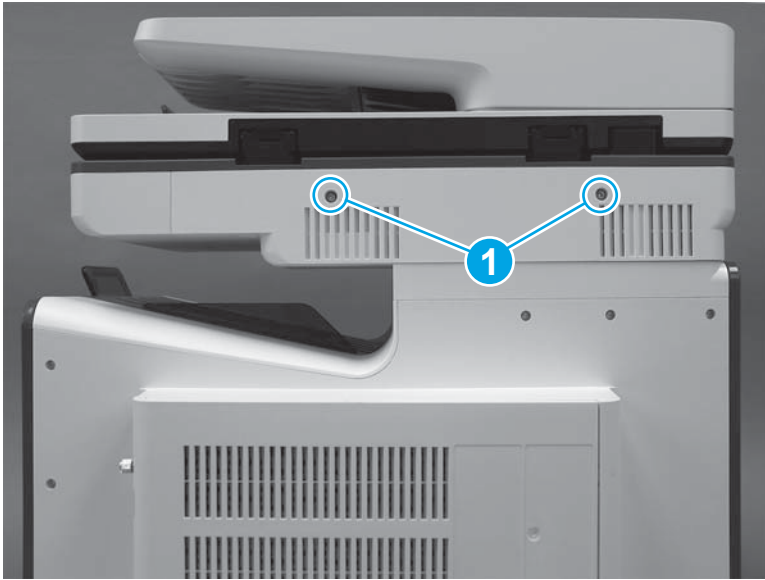
2. Push the cover straight in to install it.

Figure 1-98 Install the SCB cover



3. Install two screws (callout 1).

Figure 1-99 Install two screws



Removal and replacement: Formatter cover

- [Introduction](#)
- [Step 1: Remove the formatter cover](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the formatter cover](#)


Introduction

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

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	
G1W39-67915	Formatter cover

IMPORTANT: This cover has a label on it that contains the printer serial number and other regulatory information. If a print mechanism (PM) kit is installed, this cover must be installed on the PM unit.

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 are available for this assembly.

Step 1: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


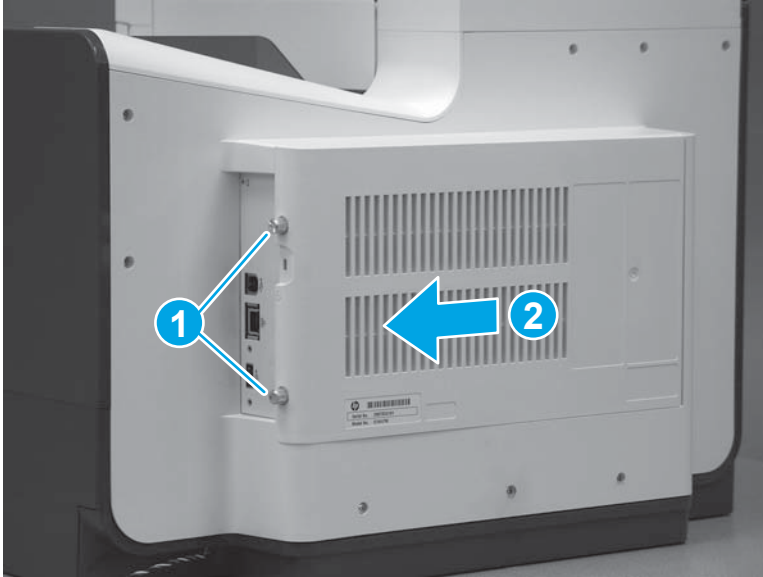
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-100 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.

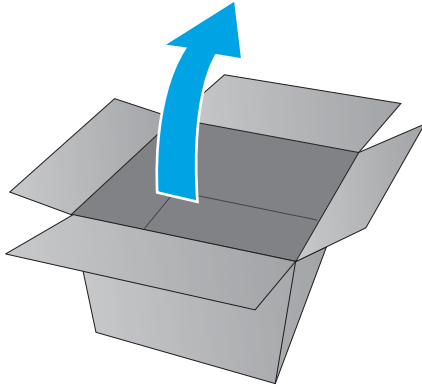
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or before touching rollers or pads.

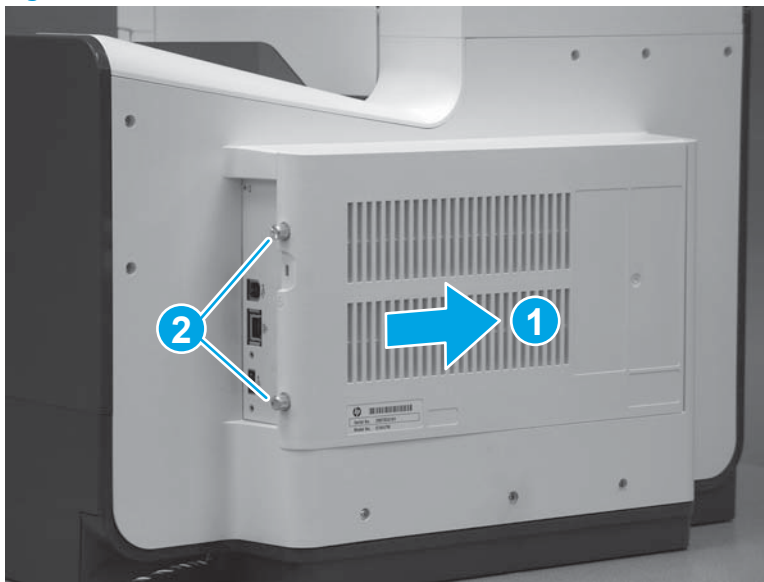
IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 3: Install the formatter cover

▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-101 Install the formatter cover



Removal and replacement: Right cover (outer)

- [Introduction](#)
- [Step 1: Remove the right cover \(outer\)](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the right cover \(outer\)](#)


Introduction

This document provides the procedures to remove and replace the right cover (outer).

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

G1W39-67922

Right cover (outer)

NOTE: In the parts chapter, the right cover (outer) is named: case, right trim.

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 are available for this assembly.

Step 1: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


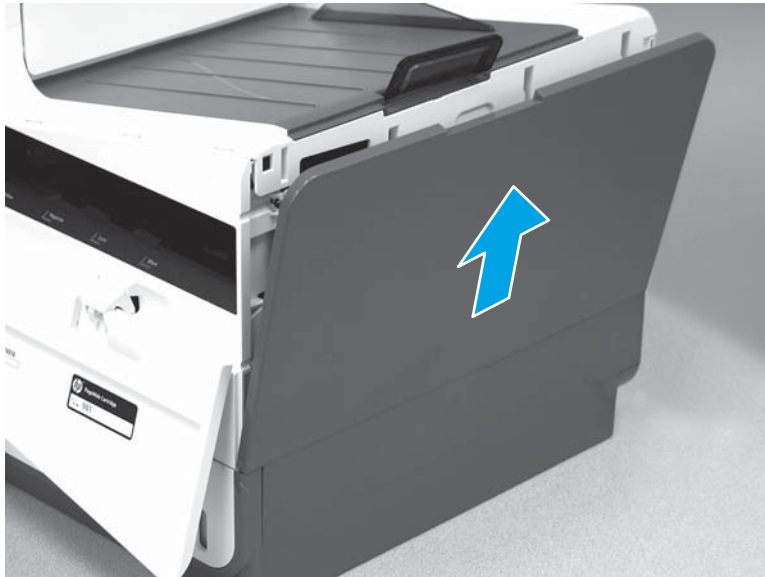
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-102 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-103 Remove the right cover (outer)



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

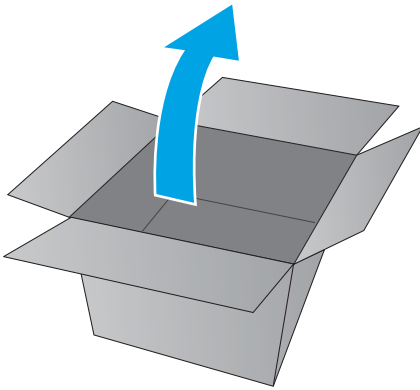
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or before touching rollers or pads.

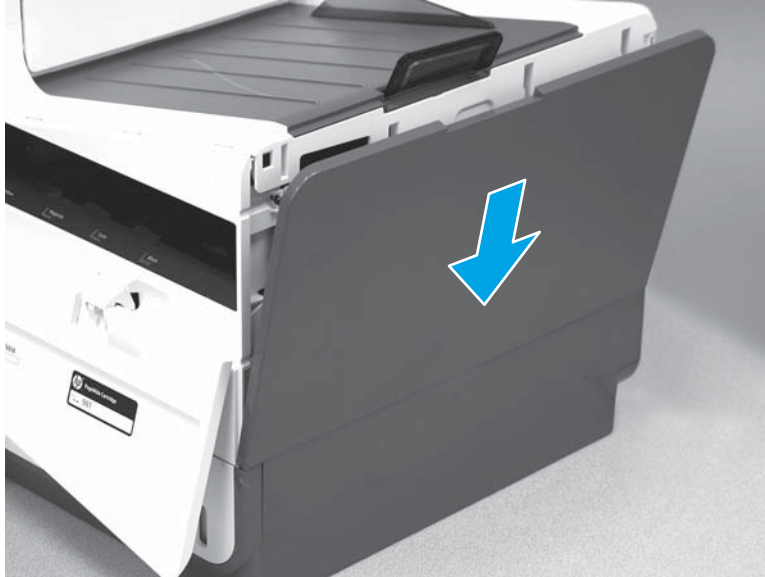
IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 3: Install the right cover (outer)

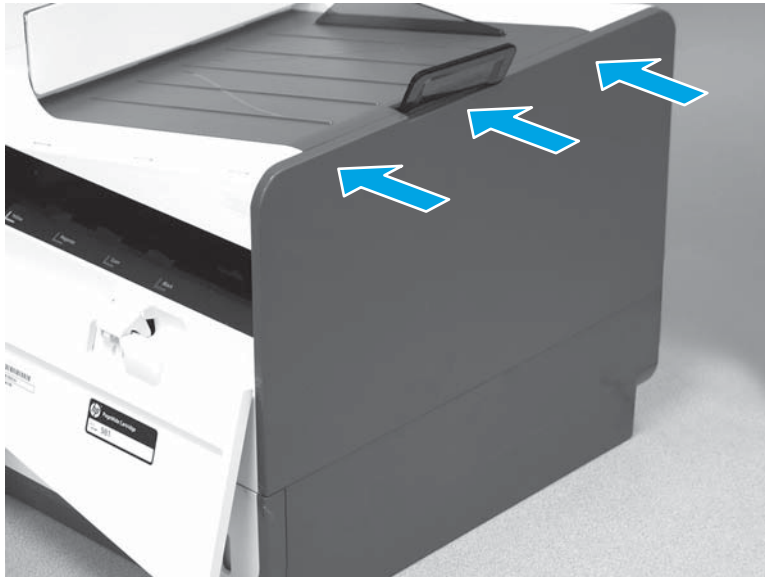
1. Position the bottom edge of the cover on the printer.

Figure 1-104 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-105 Install the right cover (outer)



Removal and replacement: Left-rear top cover cap (556)

- [Introduction](#)
- [Step 1: Remove the left-rear top cover cap \(556\)](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the left-rear top cover cap \(556\)](#)


Introduction

This document provides the procedures to remove and replace the left-rear top cover cap (M556).

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.

Left-rear top cover cap (M556) part number	
--	--

G1W46-67910

Left-rear top cover cap (M556)

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

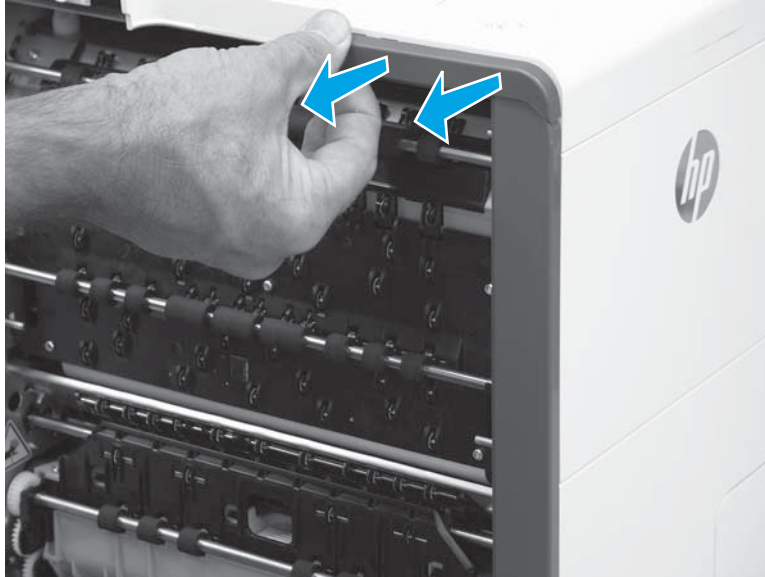
No post service test are available for this assembly.

Step 1: Remove the left-rear top cover cap (556)

- ▲ Open the left door, and then carefully pull the cover off of the printer.

 **TIP:** It might be easier remove the cover off by using a small flat-blade screwdriver.

Figure 1-106 Remove left-front top cover cap (556)



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

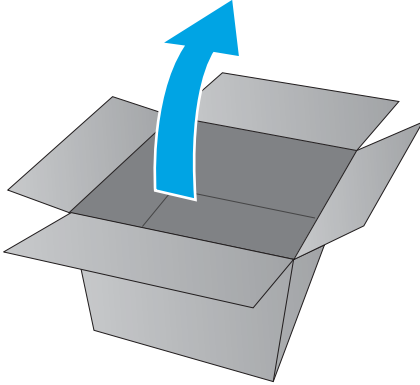
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

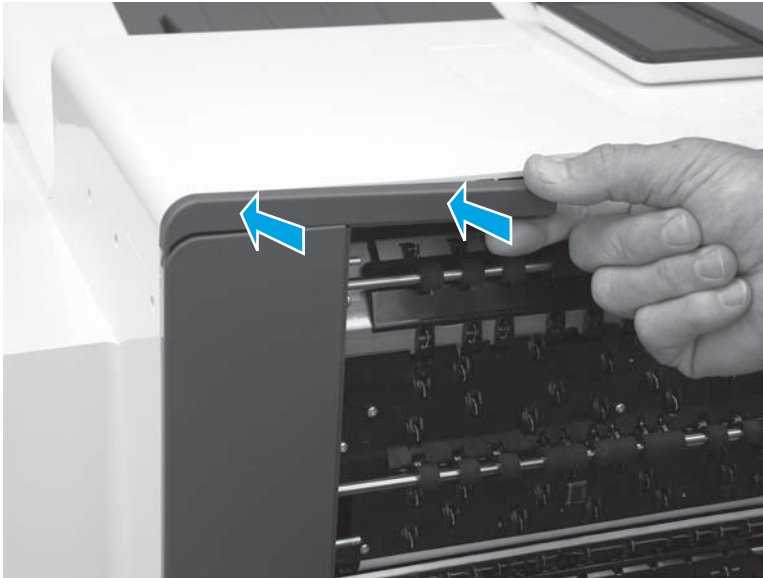
📄 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 3: Install the left-rear top cover cap (556)

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

Figure 1-107 Install the left-rear top cover cap (556)



Removal and replacement: Left-front top cover cap (556)


Introduction

This document provides the procedures to remove and replace the left-front top cover cap (M556).

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.

Left-front top cover cap (M556) part number	
G1W46-67909	Left-front top cover cap (M556)

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 are available for this assembly.

Step 1: Remove the left-front top cover cap (556)

- ▲ Open the left door, and then carefully pull the cover off of the printer.


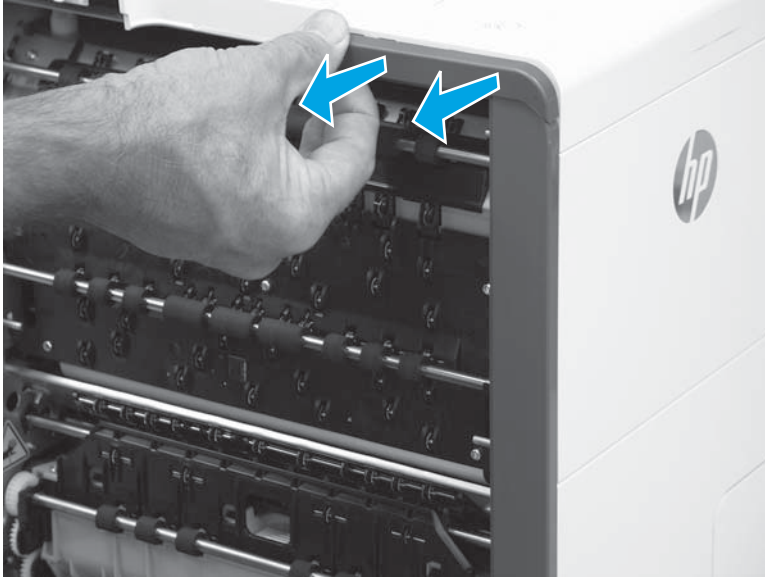
 **TIP:** It might be easier remove the cover off by using a small flat-blade screwdriver.

Figure 1-108 Remove left-front top cover cap (556)



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

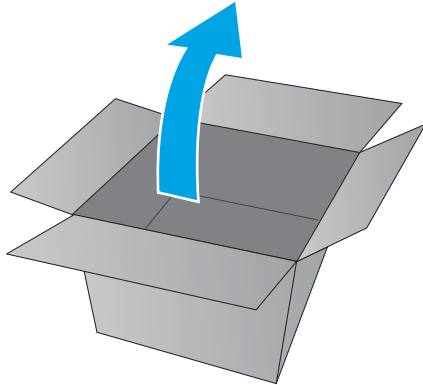
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

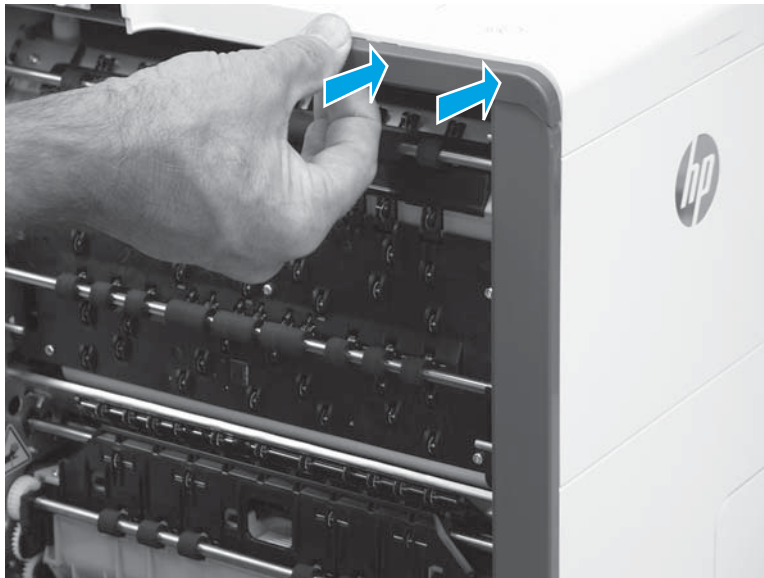
📄 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 3: Install the left-front top cover cap (556)

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

Figure 1-109 Install the left-front top cover cap (556)



Removal and replacement: Left rear cover


Introduction

This document provides the procedures to remove and replace the left rear cover.

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.

Left rear cover part number	
G1W39-67917	Left-rear cover

Required tools

- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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 are available for this assembly.

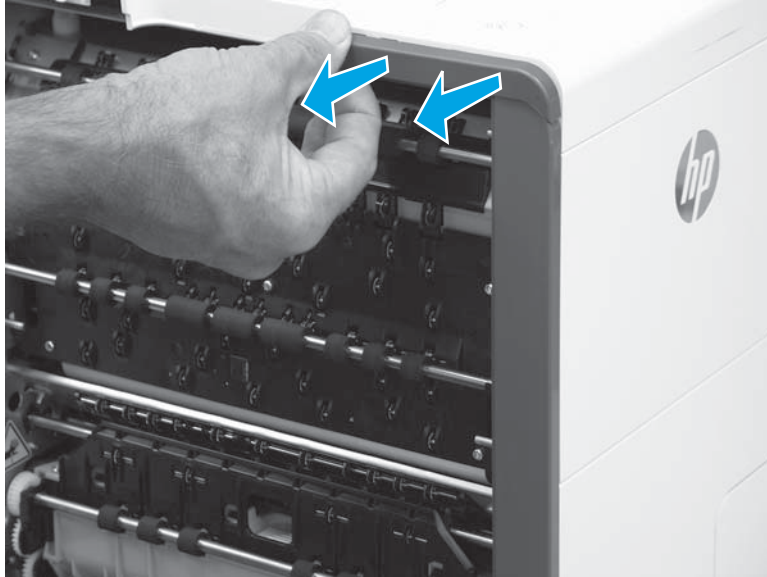
Step 1: Remove the left-rear top cover cap (556)

 **NOTE:** This step is for the 556 printer only. For the 586 printer, skip this step and go to [Step 2: Remove the left rear cover on page 103](#).


- ▲ Open the left door, and then carefully pull the cover off of the printer.

 **TIP:** It might be easier remove the cover off by using a small flat-blade screwdriver.

Figure 1-110 Remove left-front top cover cap (556)

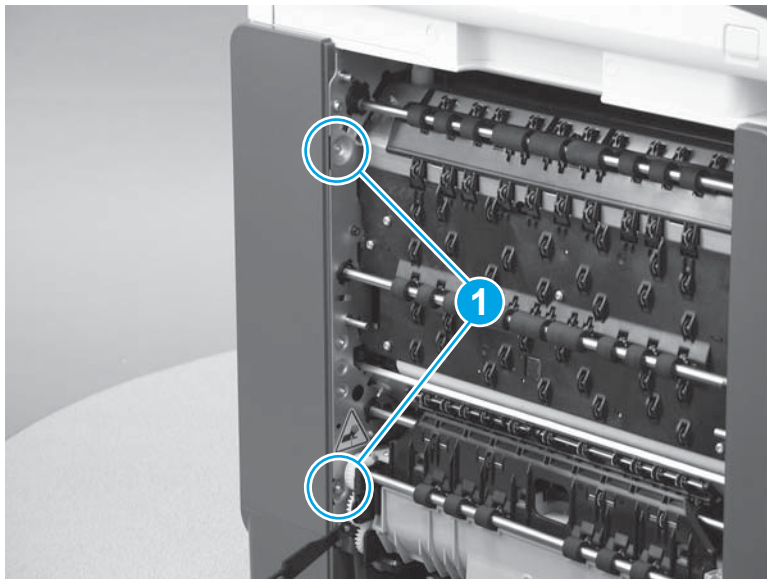


Step 2: Remove the left rear cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove two screws (callout 1).

Figure 1-111 Remove two screws



2. Release the cover by sliding it up about 10 mm (0.4 in).


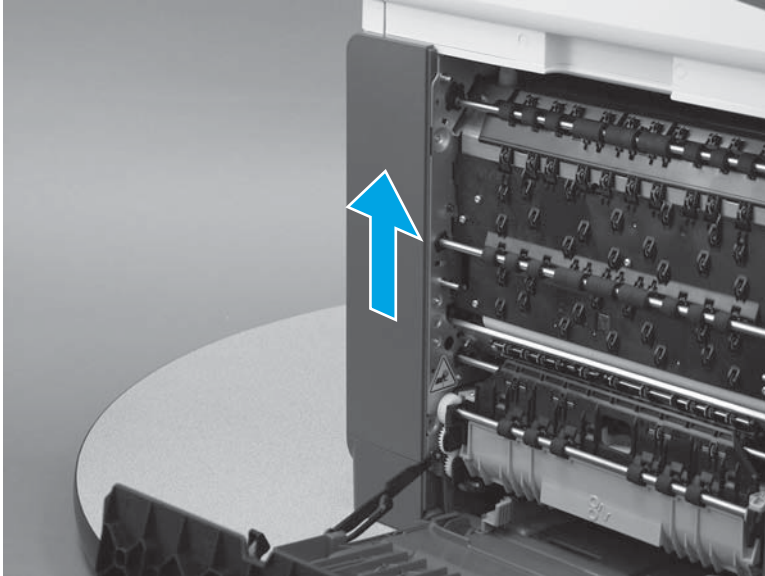
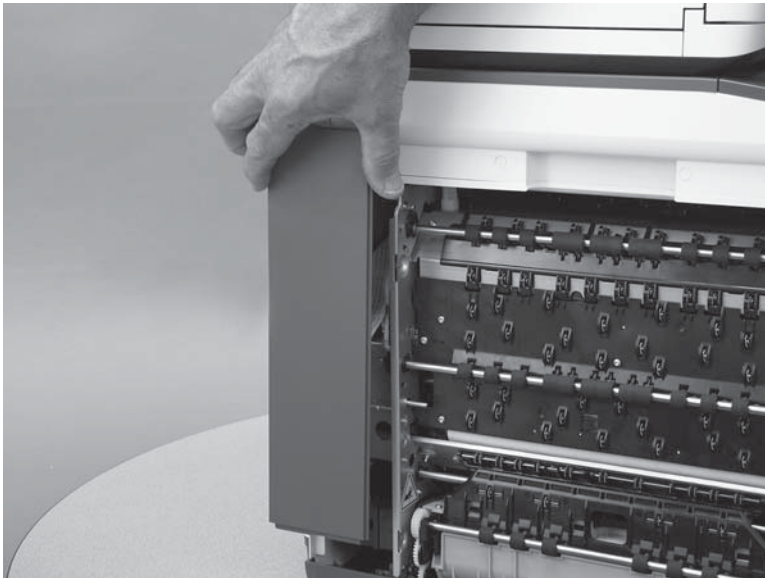
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-112 Release the cover



3. Remove the cover.

Figure 1-113 Remove 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.

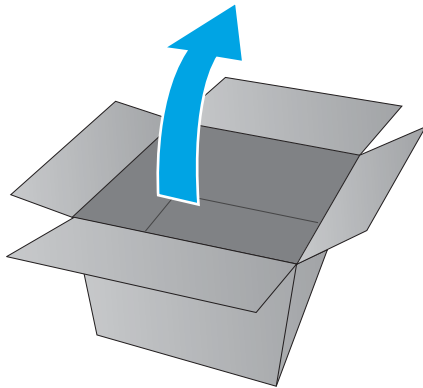
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or 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.

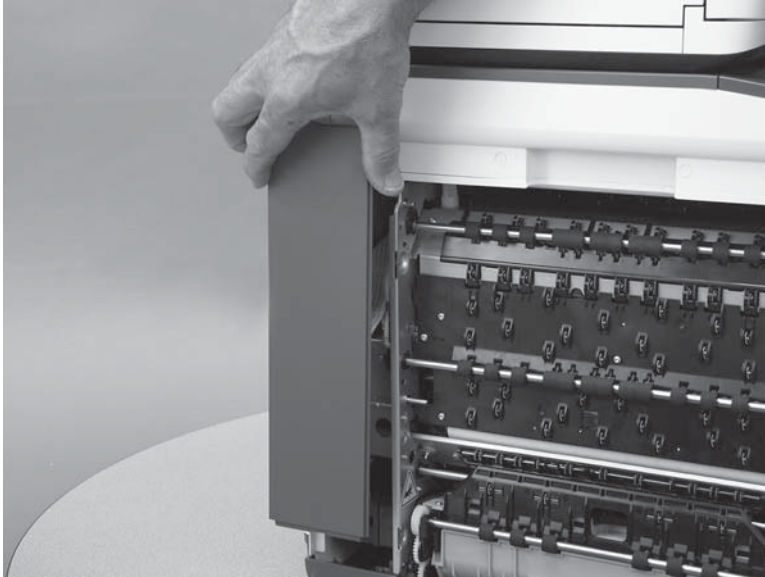


Step 4: Install the left rear cover

NOTE: The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

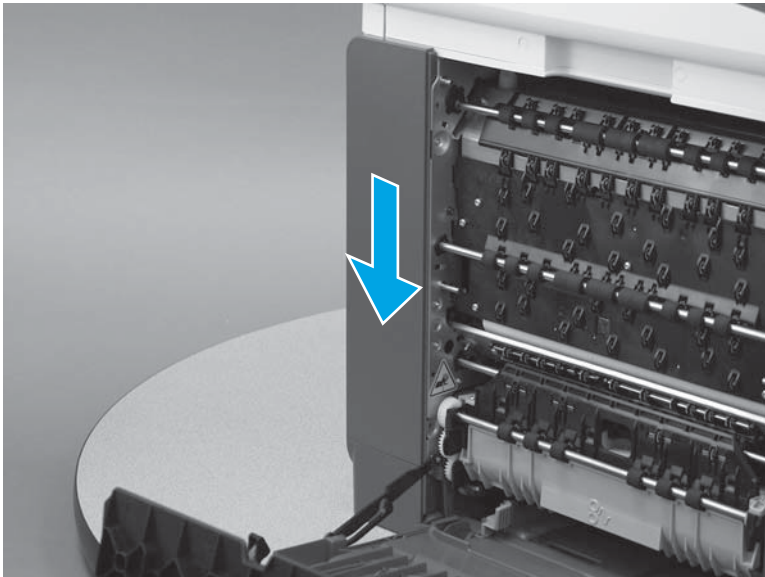
1. Position the cover on the printer.

Figure 1-114 Install the left rear cover



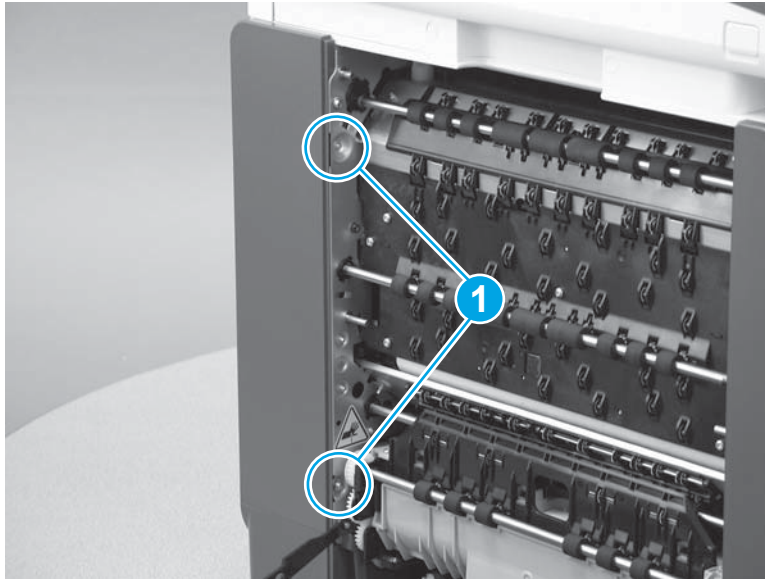
2. Engage the cover by sliding it down about 10 mm (0.4 in).

Figure 1-115 Engage the cover




3. Install two screws (callout 1).

Figure 1-116 Install two screws

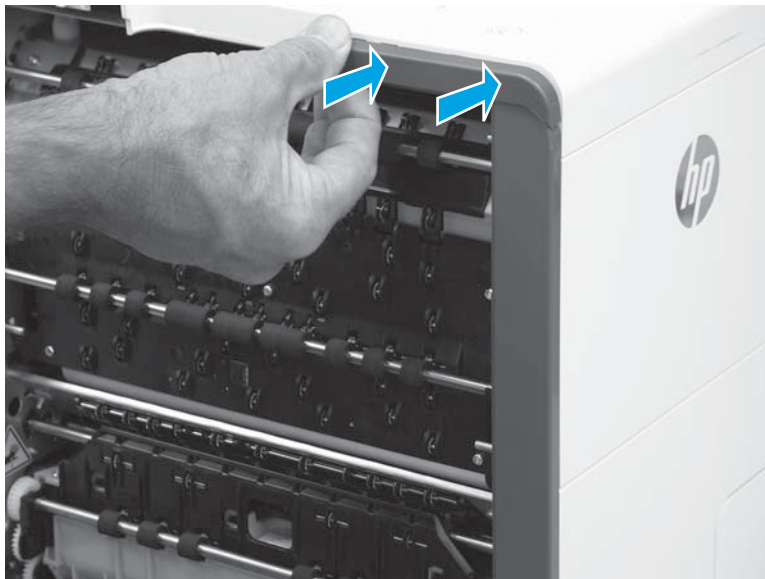


Step 5: Install the left-rear top cover cap (556)

 **NOTE:** This step is for the 556 printer only. For the 586 printer, skip this step.

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

Figure 1-117 Install the left-front top cover cap (556)



Removal and replacement: Left front cover


Introduction

This document provides the procedures to remove and replace the left front cover.

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.

Left front cover part number	
G1W39-67916	Left-front cover

Required tools

- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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 are available for this assembly.

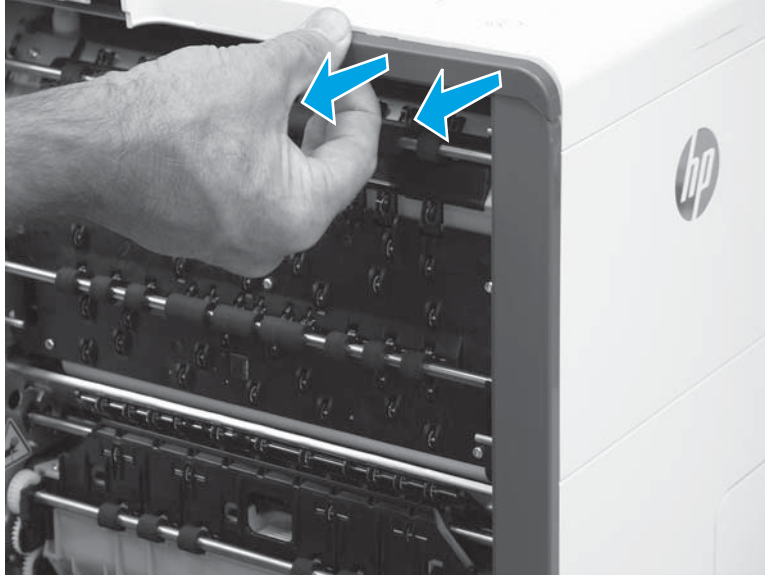
Step 1: Remove the left-front top cover cap (556)

 **NOTE:** This step is for the 556 printer only. For the 586 printer, skip this step and go to [Step 2: Remove the left front cover on page 109](#).


- ▲ Open the left door, and then carefully pull the cover off of the printer.

 **TIP:** It might be easier remove the cover off by using a small flat-blade screwdriver.

Figure 1-118 Remove left-front top cover cap (556)

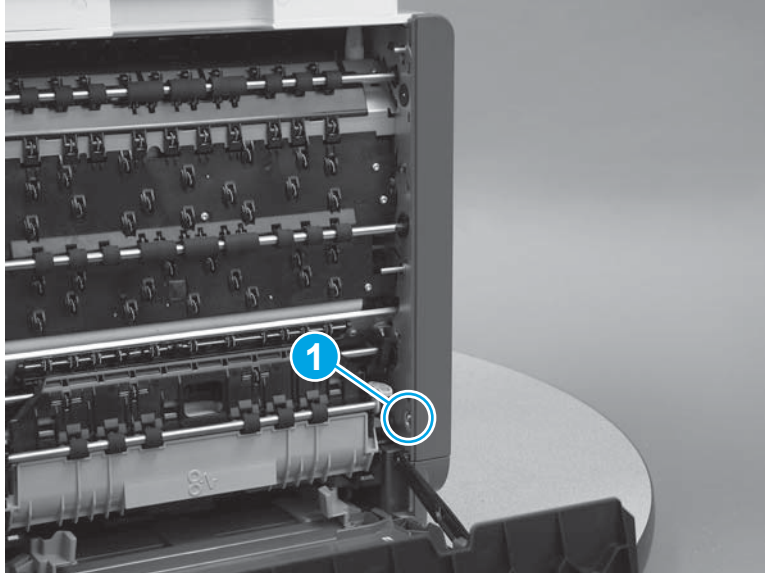


Step 2: Remove the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove one screw (callout 1).

Figure 1-119 Remove one screw



2. Release one tab (callout 1), and then release the cover by sliding it up about 10 mm (0.4 in).


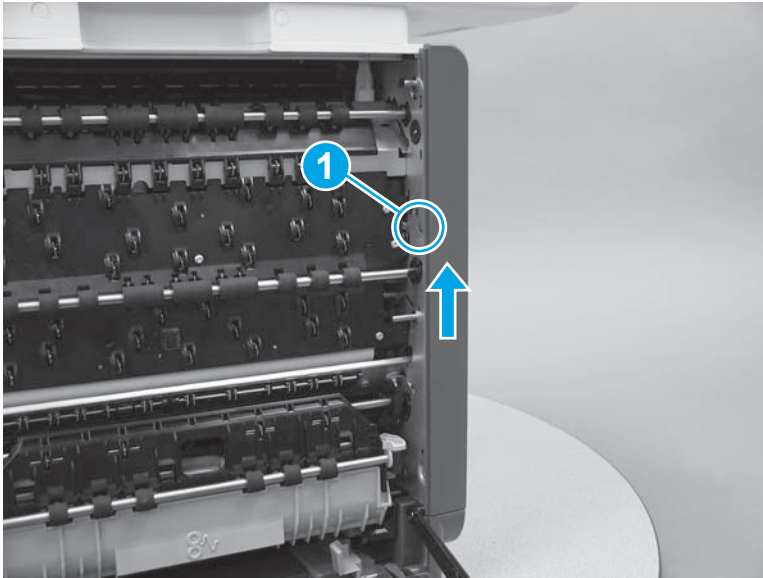
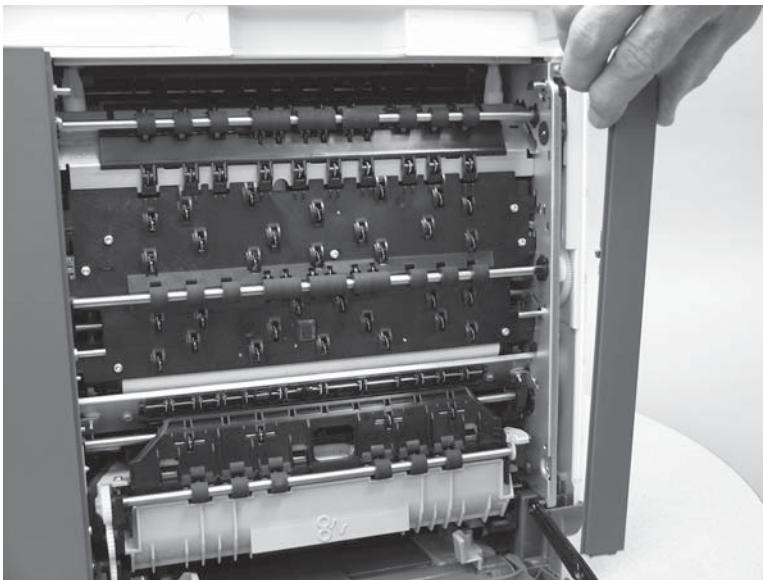
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-120 Release the cover



3. Remove the cover.

Figure 1-121 Remove the left front cover



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

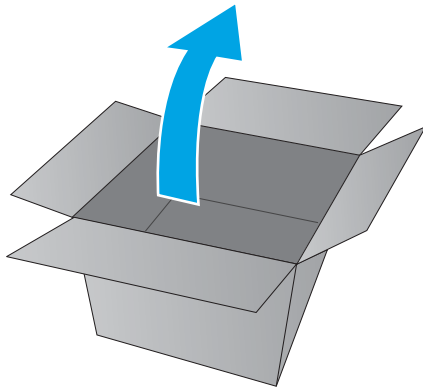
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or 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.

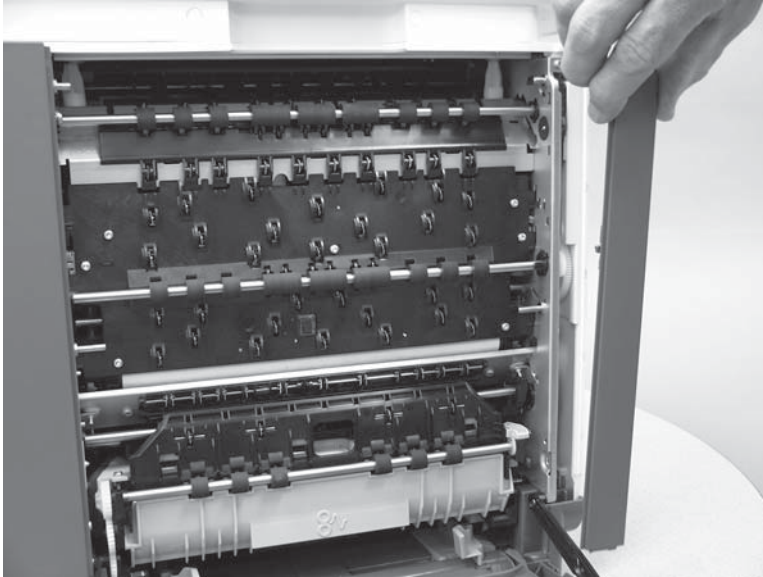


Step 4: Install the left front cover

NOTE: The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Position the cover on the printer.

Figure 1-122 Install the left front cover

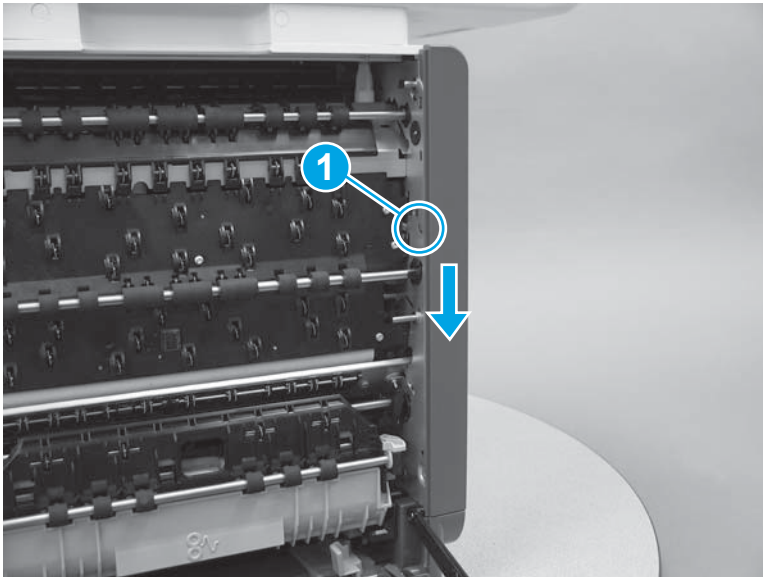


2. Engage the cover by sliding it down about 10 mm (0.4 in).



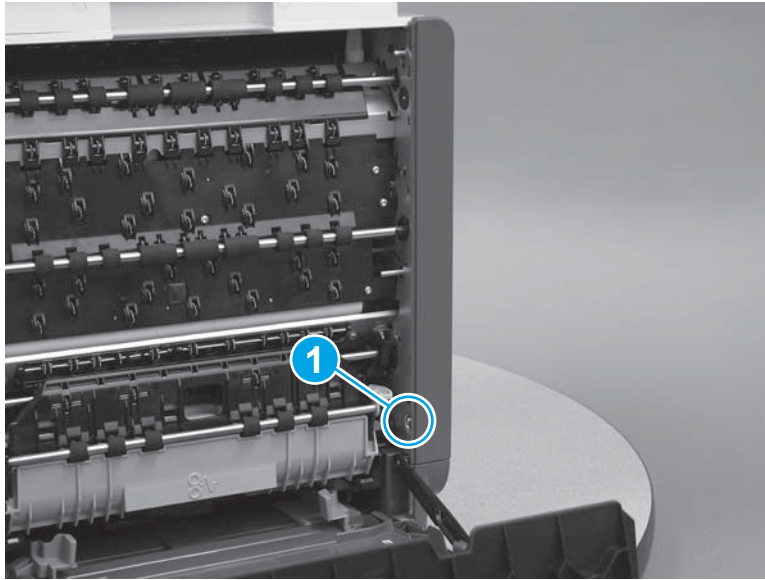
NOTE: Make sure that the tab (callout 1) snaps into place.

Figure 1-123 Engage the cover



3. Install one screw (callout 1).

Figure 1-124 Install one screw

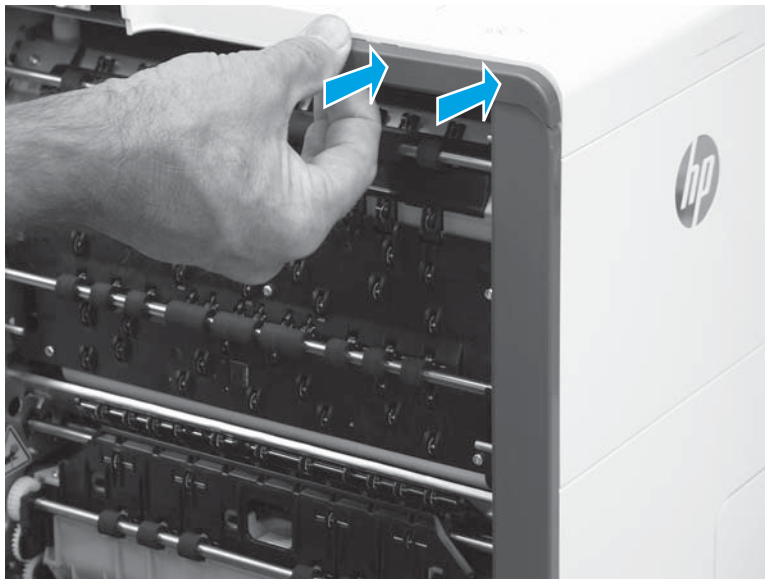


Step 5: Install the left-front top cover cap (556)

 **NOTE:** This step is for the 556 printer only. For the 586 printer, skip this step.

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

Figure 1-125 Install the left-front top cover cap (556)



Removal and replacement: Rear cover

- [Introduction](#)
- [Step 1: Remove the right cover \(outer\)](#)
- [Step 2: Remove the formatter cover](#)
- [Step 3: Remove the rear cover](#)
- [Step 4: Unpack the replacement assembly](#)
- [Step 5: Install the rear cover](#)
- [Step 6: Install the formatter cover](#)
- [Step 7: Install the right cover \(outer\)](#)


Introduction

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

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.

Rear cover part number	
G1W39-67919	Rear cover

Required tools

- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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 are available for this assembly.

Step 1: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


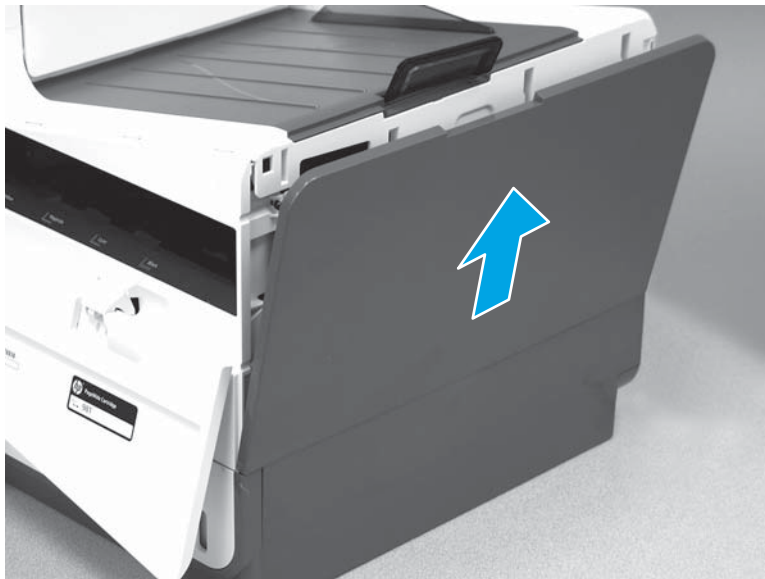
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-126 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-127 Remove the right cover (outer)

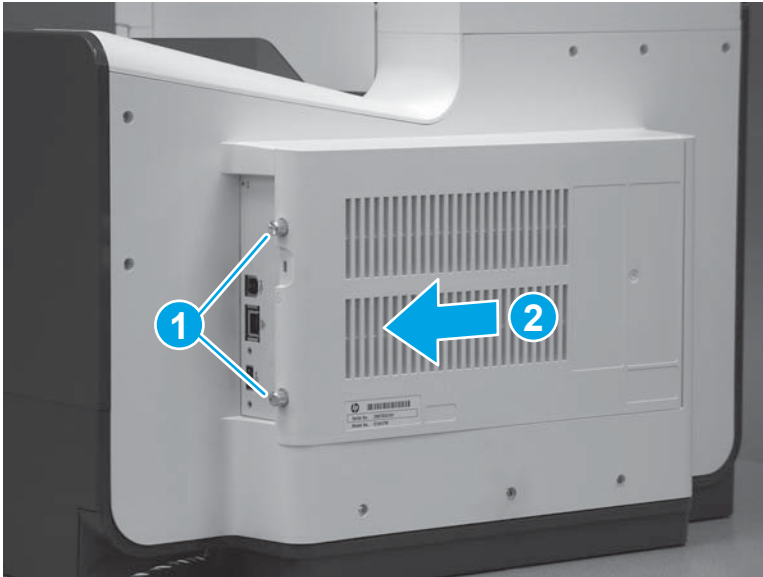


Step 2: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).

 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-128 Remove the formatter cover



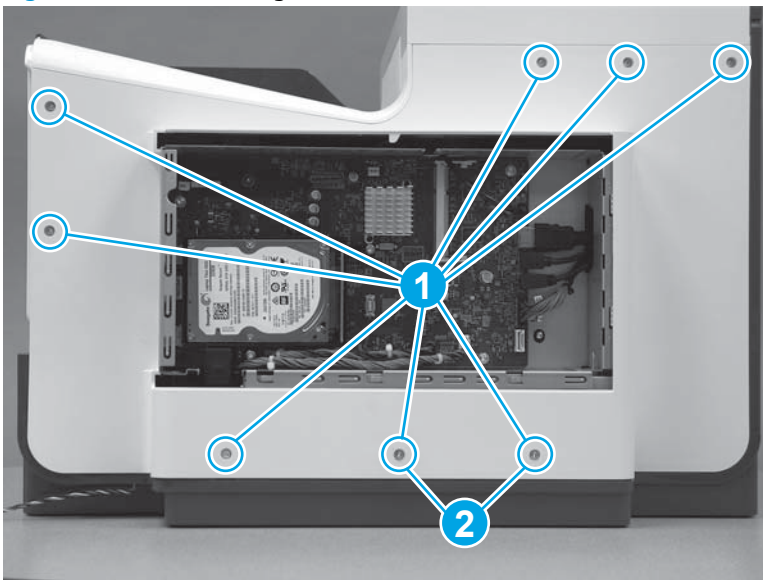
Step 3: Remove the rear cover

1. Remove eight screws (callout 1).



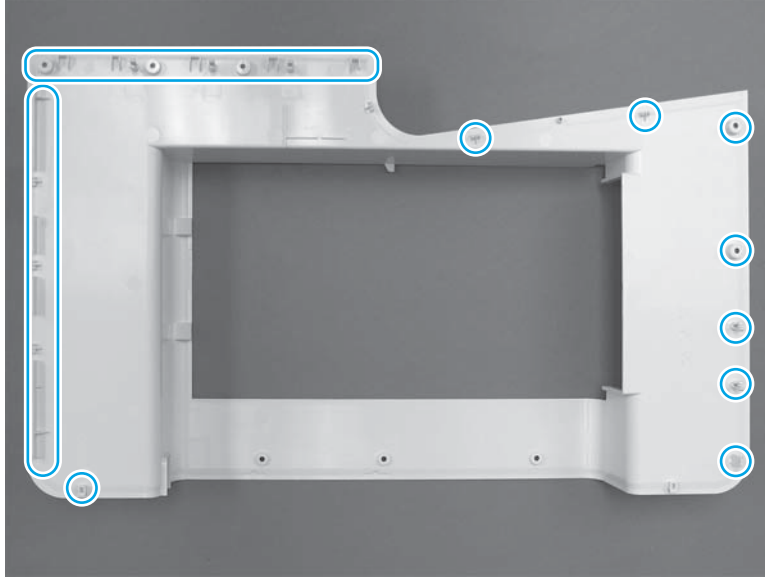
NOTE: Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-129 Remove eight screws



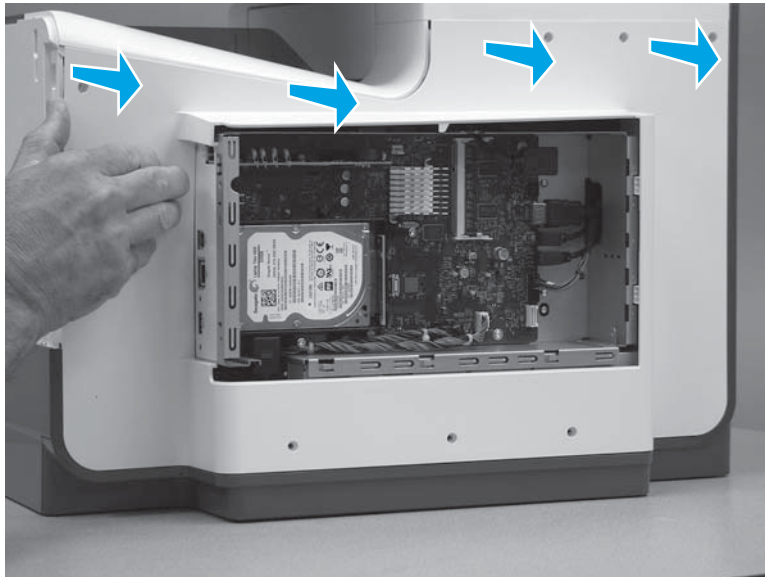
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-130 Find the tabs and bosses on the rear cover



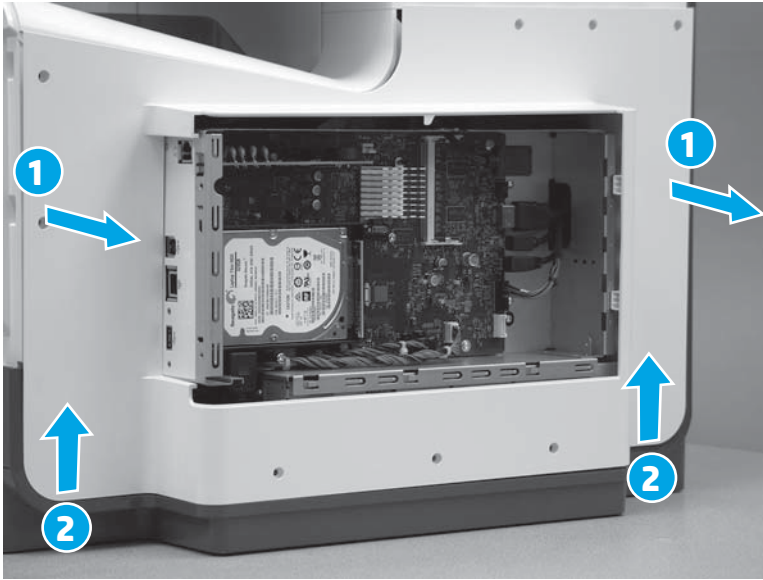
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-131 Release the top edge of the cover



4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

Figure 1-132 Remove the rear cover



Step 4: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

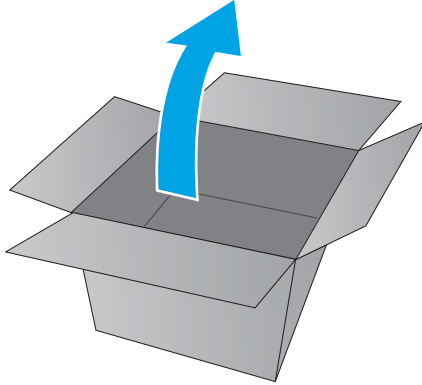
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

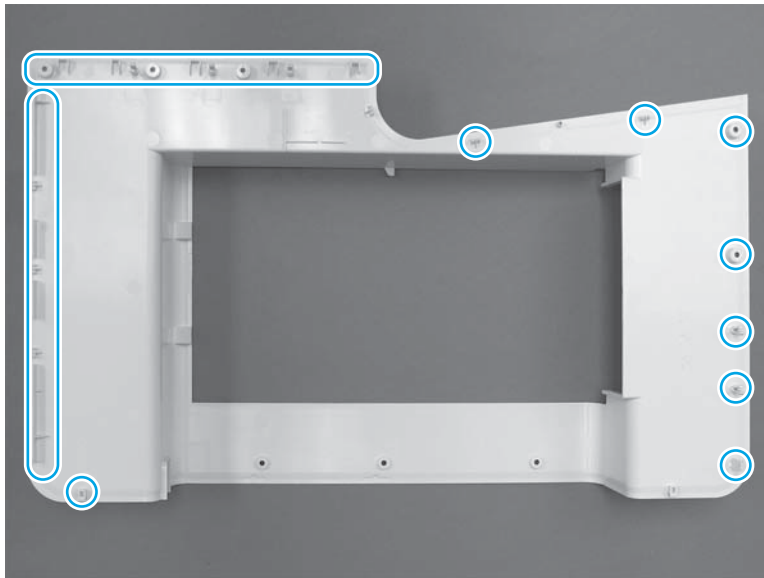
📝 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 5: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-133 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


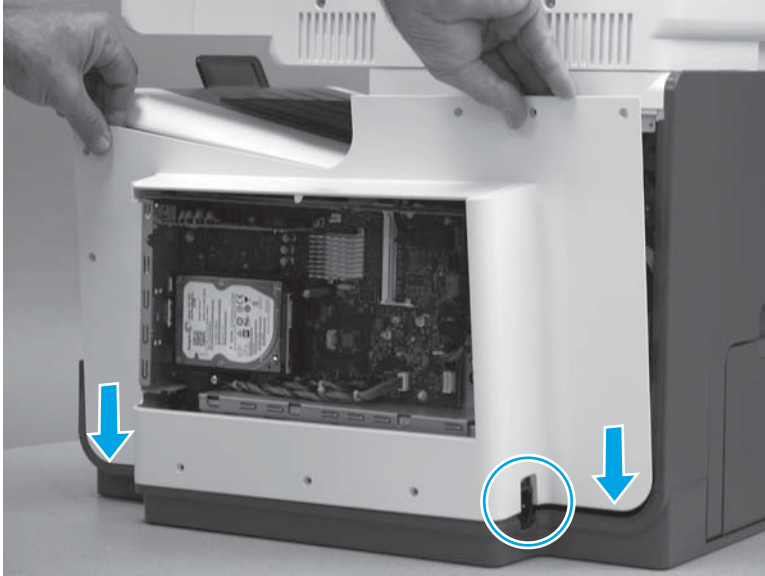
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

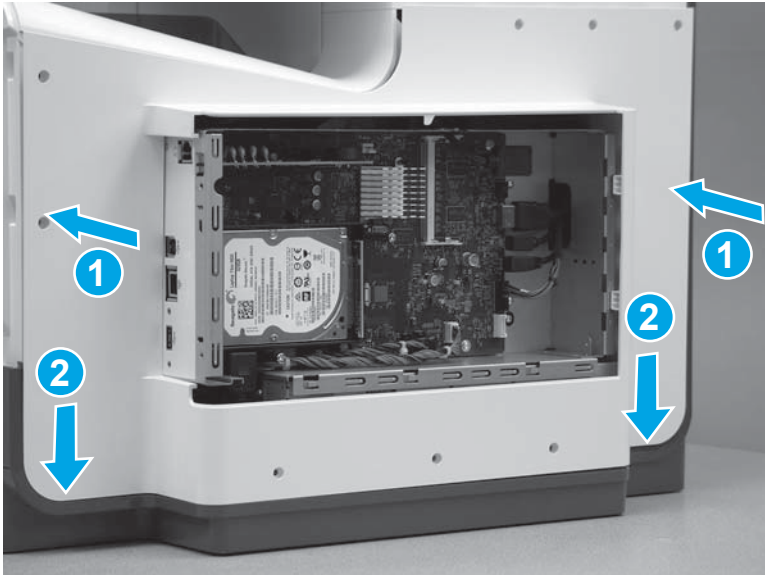
Figure 1-134 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

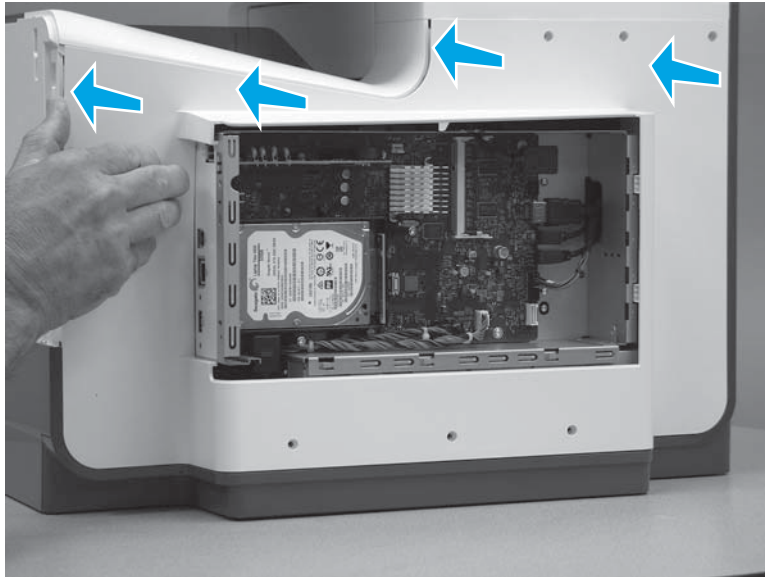
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-135 Engage the sides of the cover



- Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

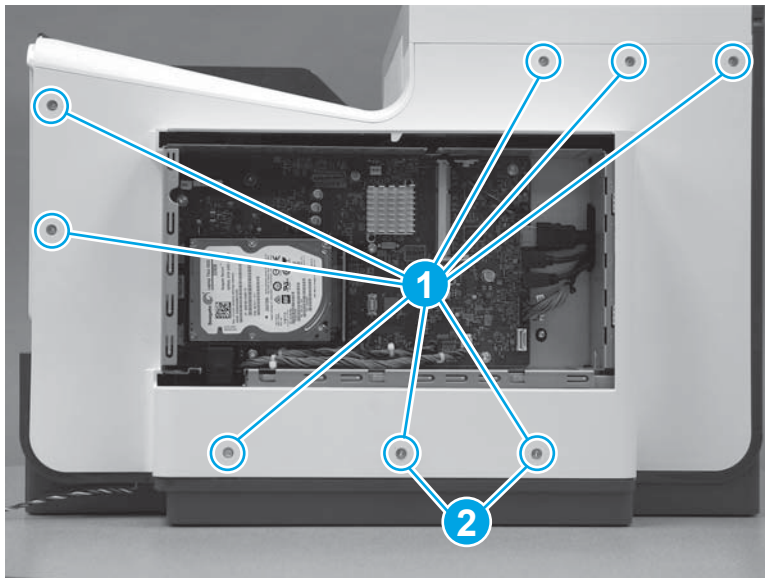
Figure 1-136 Release the top edge of the cover



- Install eight screws (callout 1).

 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

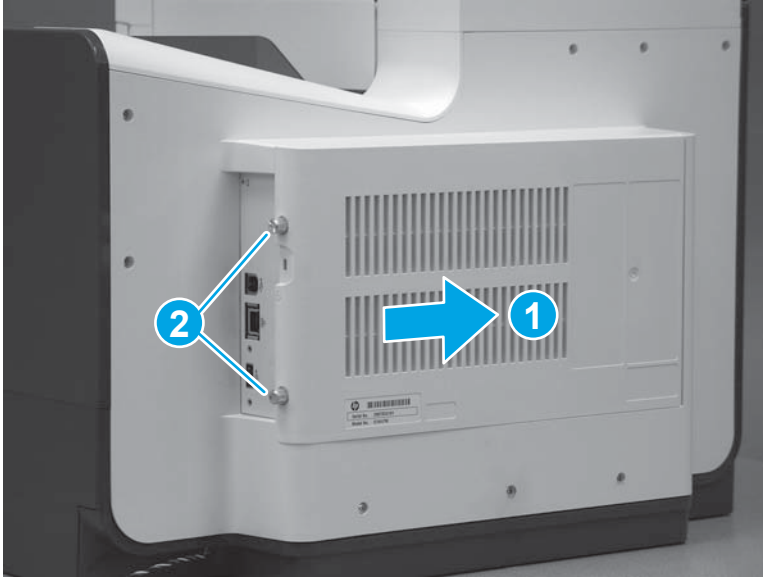
Figure 1-137 Install eight screws



Step 6: Install the formatter cover

- Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

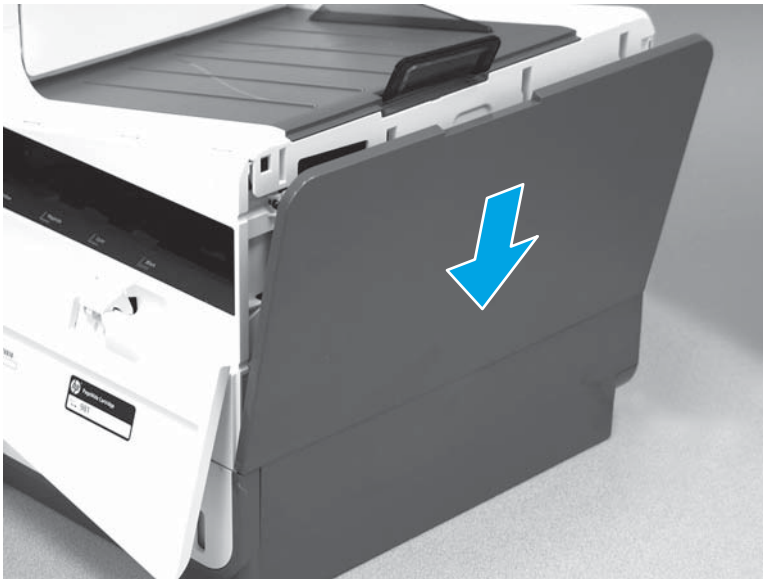
Figure 1-138 Install the formatter cover



Step 7: Install the right cover (outer)

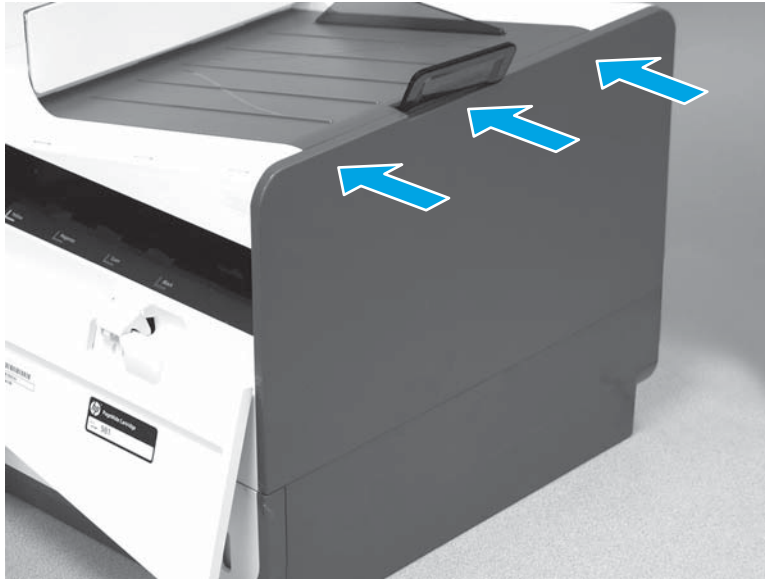
1. Position the bottom edge of the cover on the printer.

Figure 1-139 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-140 Install the right cover (outer)



Removal and replacement: Top cover (556)

- [Introduction](#)
- [Step 1: Removal the control panel \(556\)](#)
- [Step 2: Remove the left-rear top cover cap \(556\)](#)
- [Step 3: Remove the left rear cover](#)
- [Step 4: Remove the left-front top cover cap \(556\)](#)
- [Step 5: Remove the left front cover](#)
- [Step 6: Remove the right cover \(outer\)](#)
- [Step 7: Remove the formatter cover](#)
- [Step 8: Remove the rear cover](#)
- [Step 9: Remove the top cover \(556\)](#)
- [Step 10: Install the top cover \(556\)](#)
- [Step 11: Install the rear cover](#)
- [Step 12: Install the formatter cover](#)
- [Step 13: Install the right cover \(outer\)](#)
- [Step 14: Install the left front cover](#)
- [Step 15: Install the left-front top cover cap \(556\)](#)
- [Step 16: Install the left rear cover](#)
- [Step 17: Install the left-rear top cover cap \(556\)](#)
- [Step 18: Install the control panel \(556\)](#)


Introduction

This document provides the procedures to remove and replace the top cover (556).

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.

Top cover (556) part number

Not orderable

Top cover (556)

Required tools

- Small flat-blade screwdriver.
- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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 are available for this assembly.

Step 1: Removal the control panel (556)

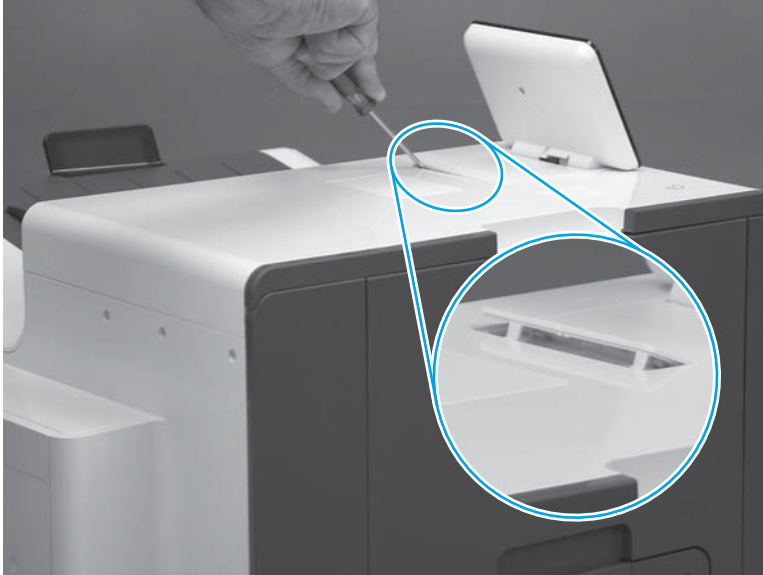
1. Tilt the control panel to the fully raised position.

Figure 1-141 Tilt the control panel up



2. Insert a small flat-blade screwdriver into the notch in the cover, and then carefully pry up the cover to release it. Remove the cover.

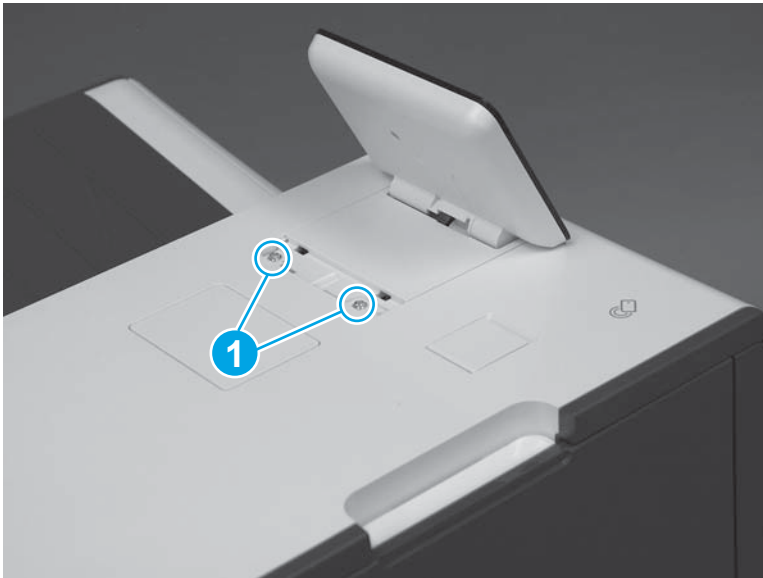
Figure 1-142 Release two tabs



3. Remove two # 10 torx screws (callout 1).

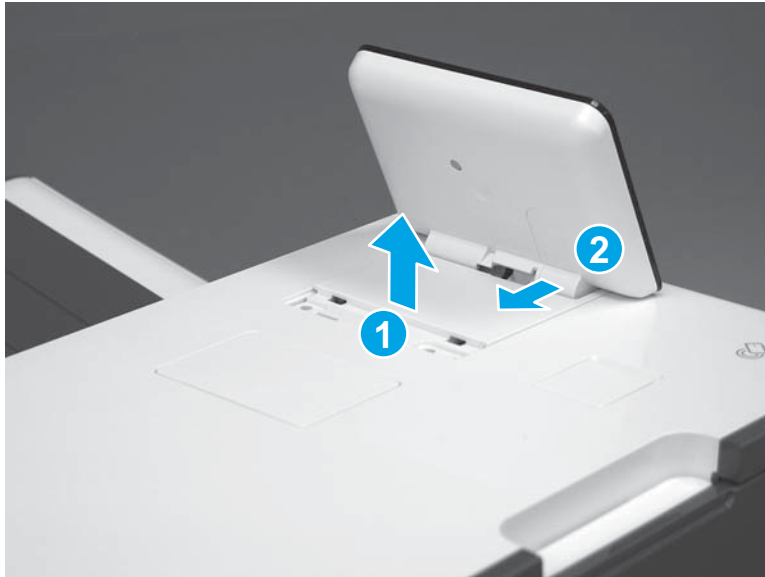
CAUTION: Store the screws in a secure place where they cannot fall down into the printer.

Figure 1-143 Remove two screws



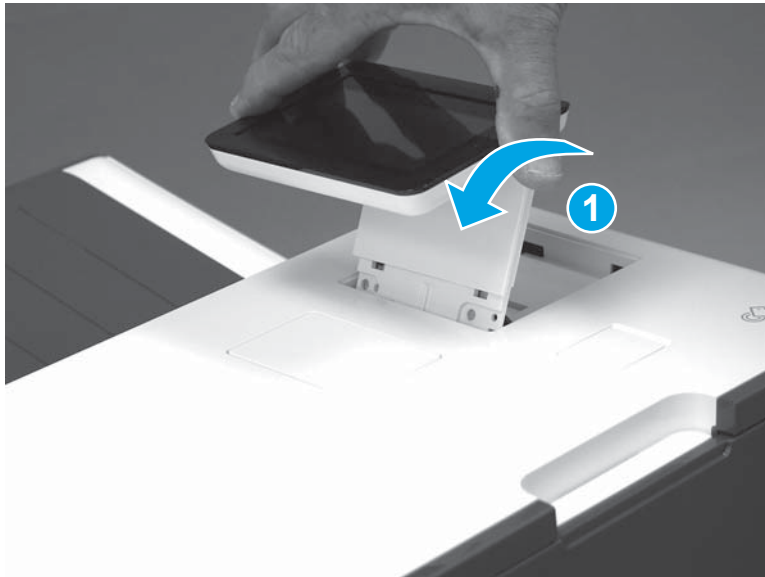
4. Lift up the rear edge of the control panel (callout 1), and then slightly slide it toward the rear of the printer (callout 2) to release the front tabs.

Figure 1-144 Release the control panel over



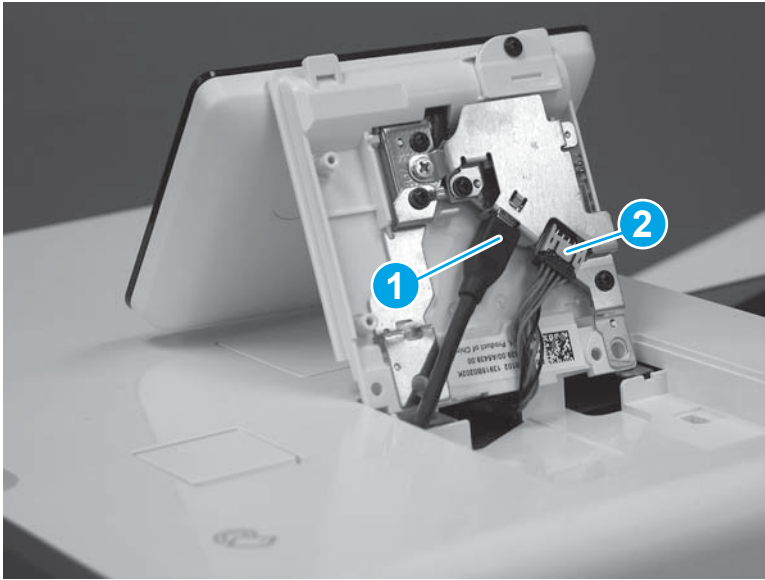
5. Turn the control panel over (callout 1), to gain access to the bottom side.

Figure 1-145 Turn the control panel over



6. Disconnect one HDMI cable (callout 1) and one connector (callout 2), and then remove the control panel.

Figure 1-146 Disconnect connectors and remove the control panel

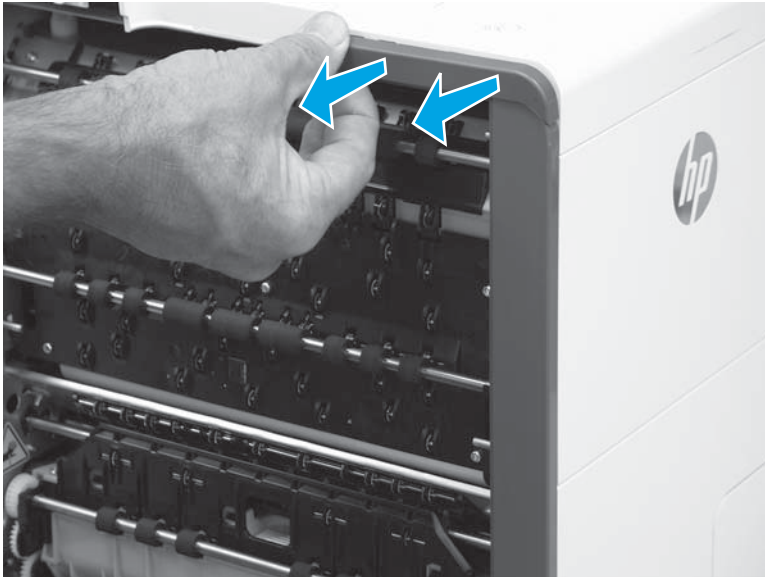


Step 2: Remove the left-rear top cover cap (556)

- ▲ Open the left door, and then carefully pull the cover off of the printer.

💡 **TIP:** It might be easier to remove the cover off by using a small flat-blade screwdriver.

Figure 1-147 Remove left-front top cover cap (556)

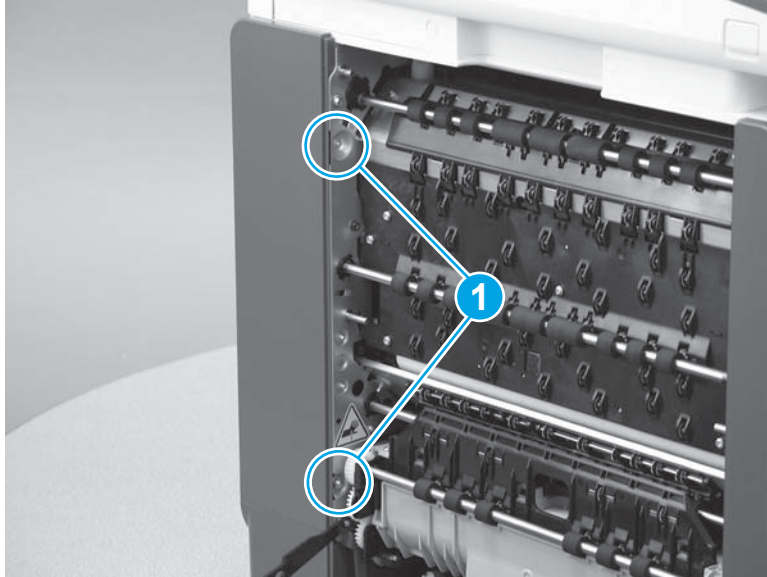


Step 3: Remove the left rear cover

📝 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove two screws (callout 1).

Figure 1-148 Remove two screws



2. Release the cover by sliding it up about 10 mm (0.4 in).


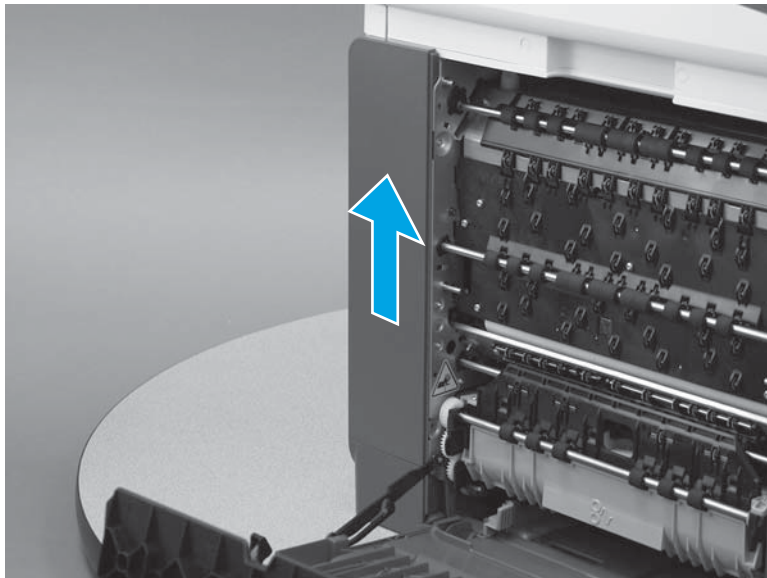
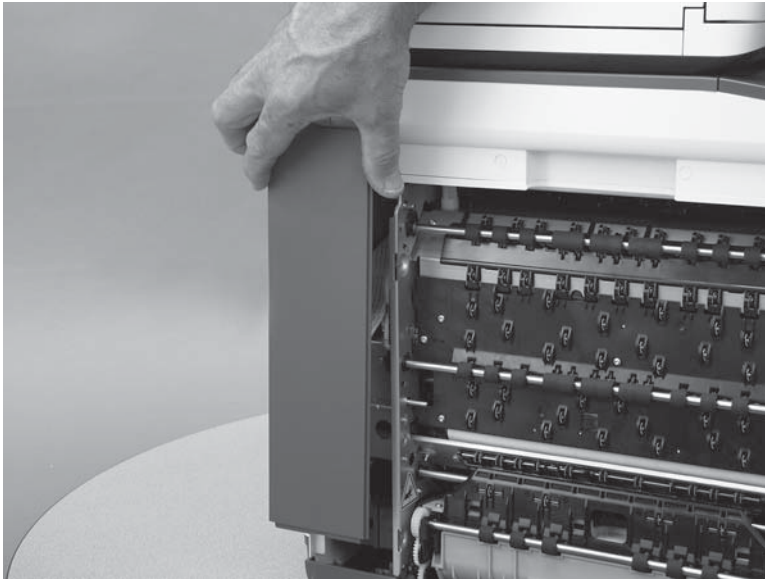
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-149 Release the cover



3. Remove the cover.

Figure 1-150 Remove the left rear cover

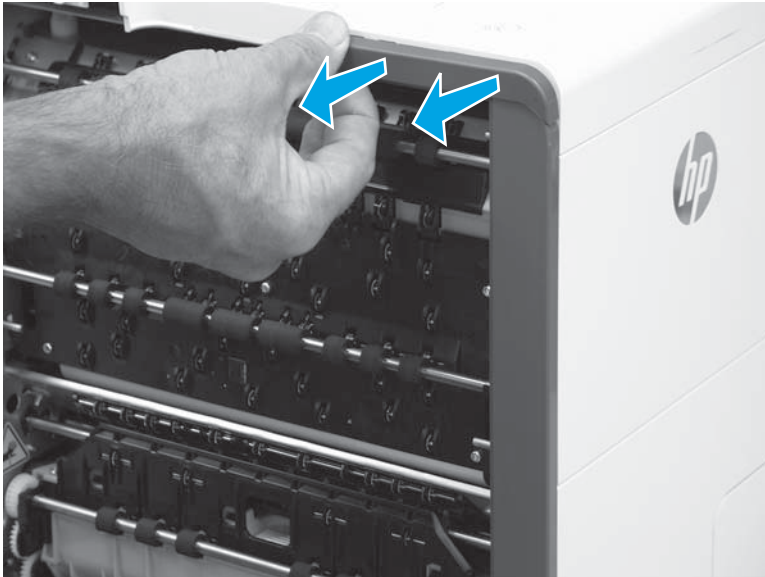


Step 4: Remove the left-front top cover cap (556)

- ▲ Open the left door, and then carefully pull the cover off of the printer.

💡 **TIP:** It might be easier to remove the cover by using a small flat-blade screwdriver.

Figure 1-151 Remove left-front top cover cap (556)

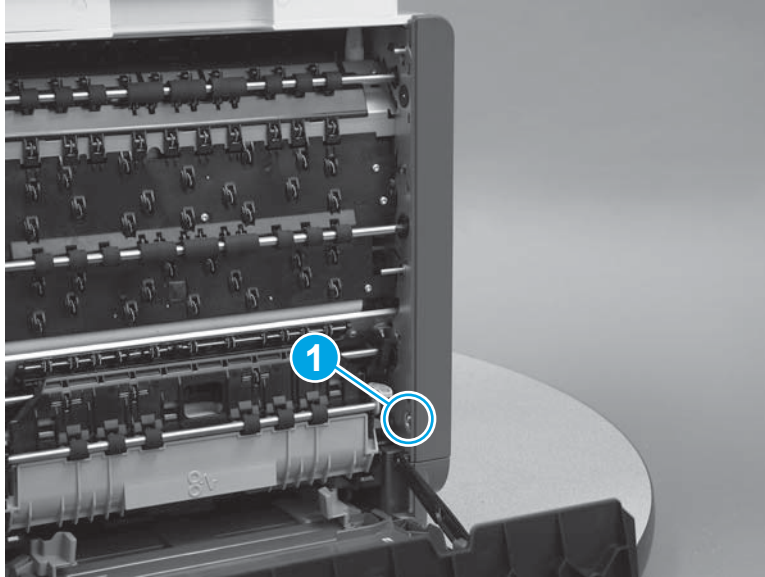


Step 5: Remove the left front cover

📝 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove one screw (callout 1).

Figure 1-152 Remove one screw



2. Release one tab (callout 1), and then release the cover by sliding it up about 10 mm (0.4 in).


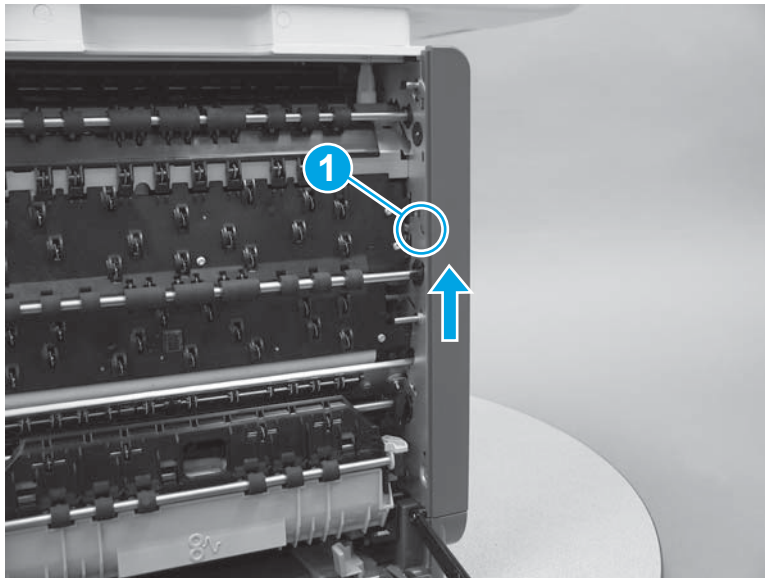
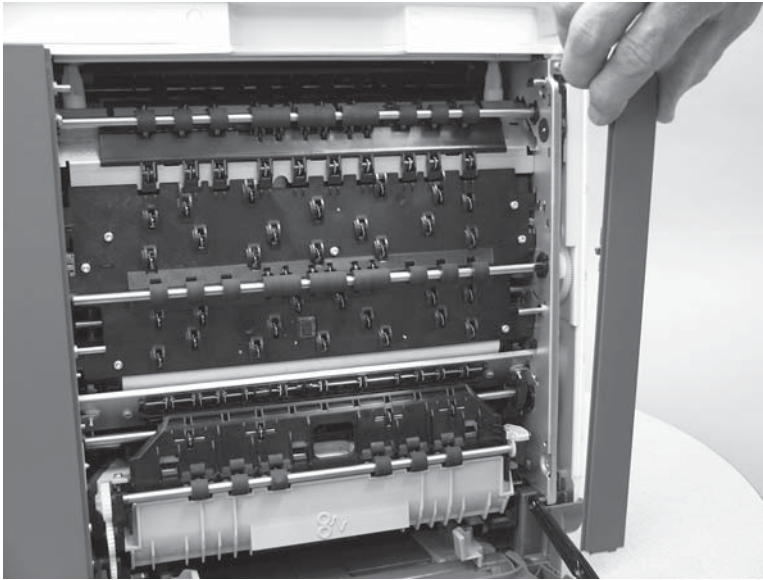
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-153 Release the cover



3. Remove the cover.

Figure 1-154 Remove the left front cover



Step 6: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


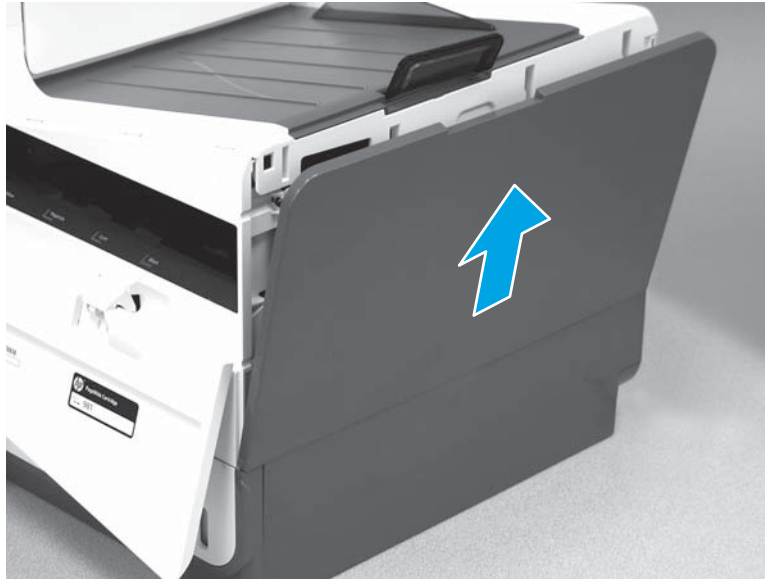
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-155 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-156 Remove the right cover (outer)



Step 7: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


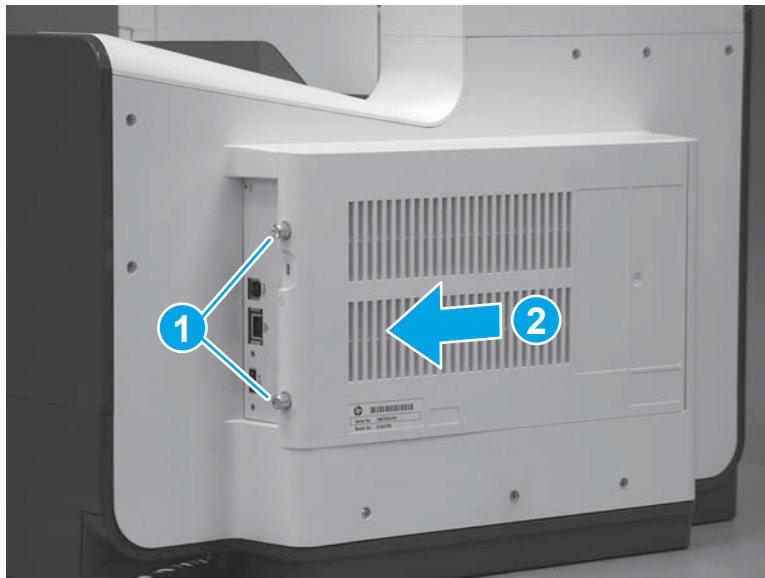
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-157 Remove the formatter cover



Step 8: Remove the rear cover

1. Remove eight screws (callout 1).


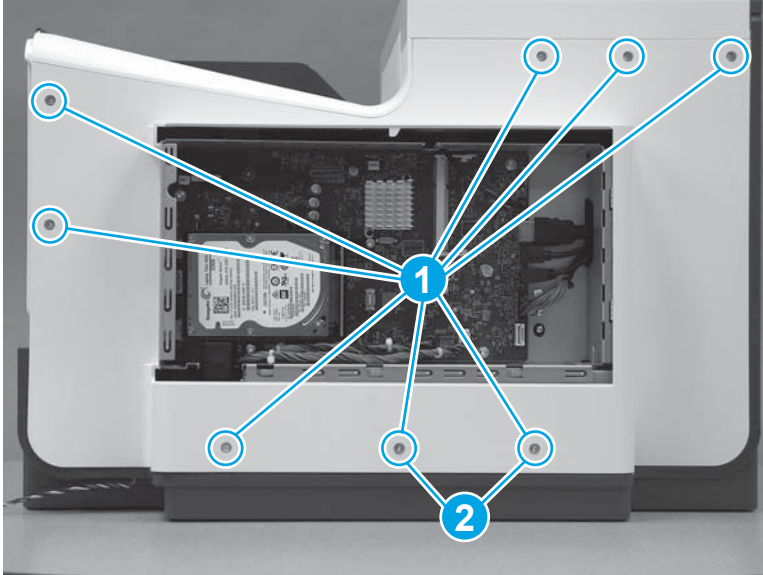
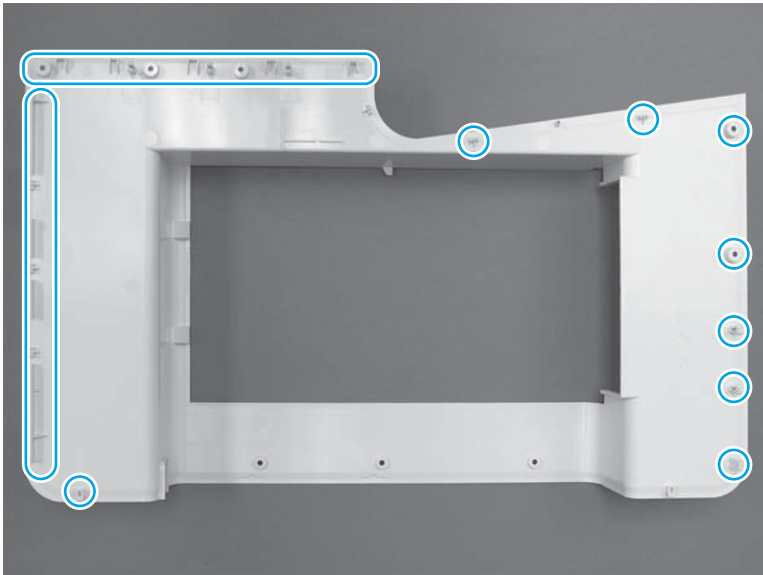
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-158 Remove eight screws



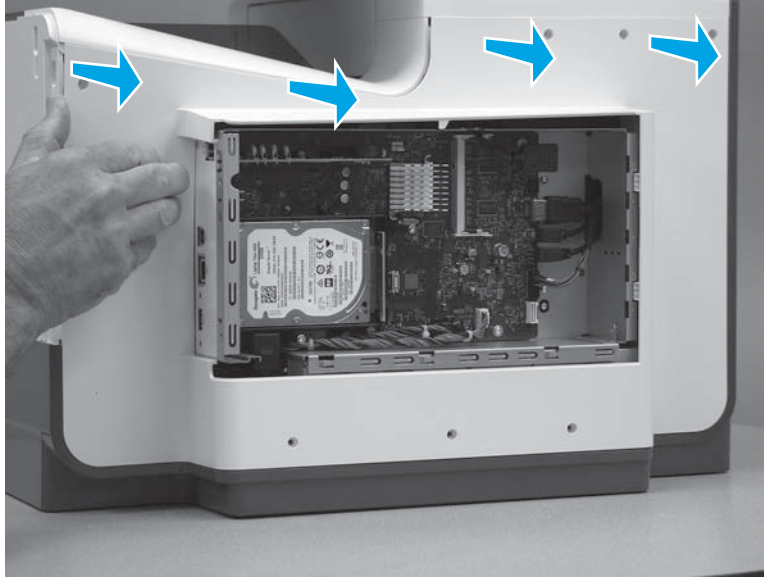
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-159 Find the tabs and bosses on the rear cover



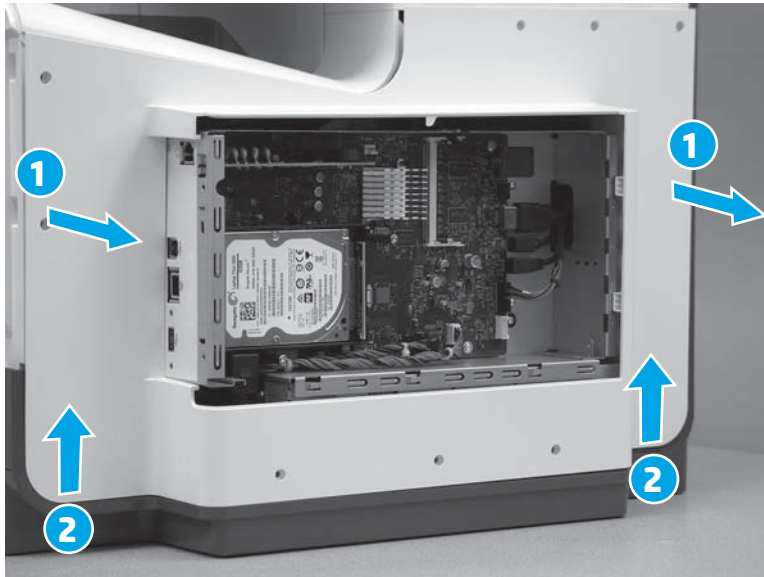
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top edge of the cover (from left to right).

Figure 1-160 Release the top edge of the cover



4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

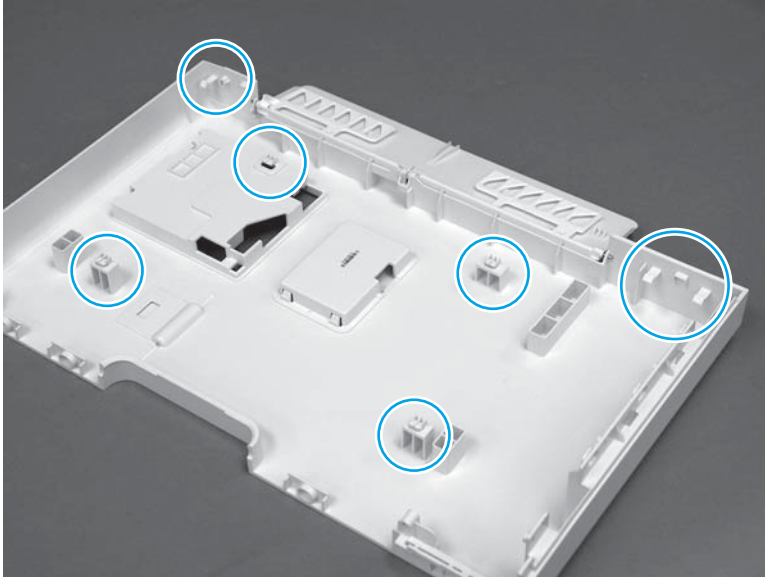
Figure 1-161 Remove the rear cover



Step 9: Remove the top cover (556)

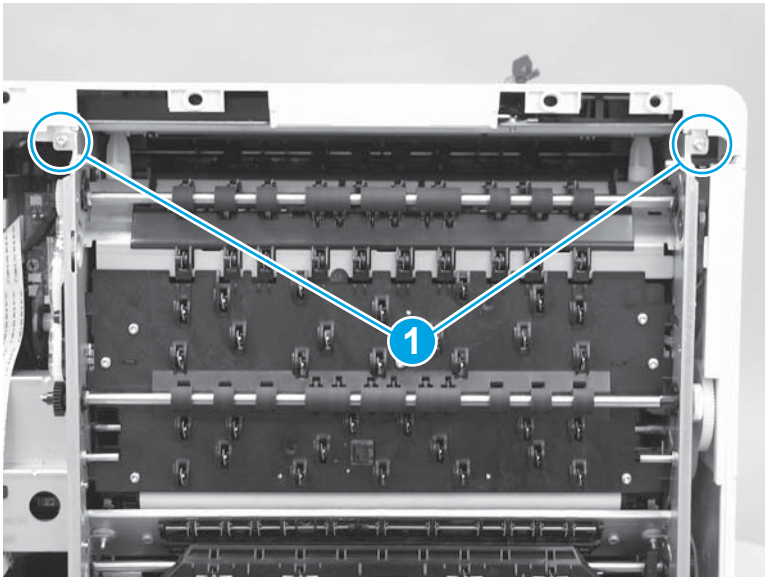
1. Before proceeding, take note of the tabs and hooks on the top cover.

Figure 1-162 Tabs and hooks on the top cover



2. On the left side of the printer, remove two screws (callout 1).

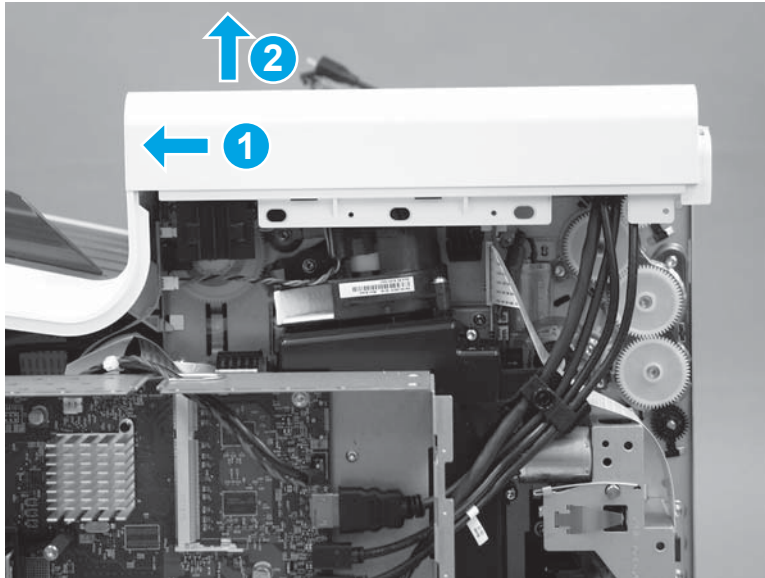
Figure 1-163 Remove two screws



3. At the rear of the printer, flex the top cover to the left (callout 1) and then slightly lift it up (callout 2) to release two tabs.

 **NOTE:** To locate the tabs, see step 1.

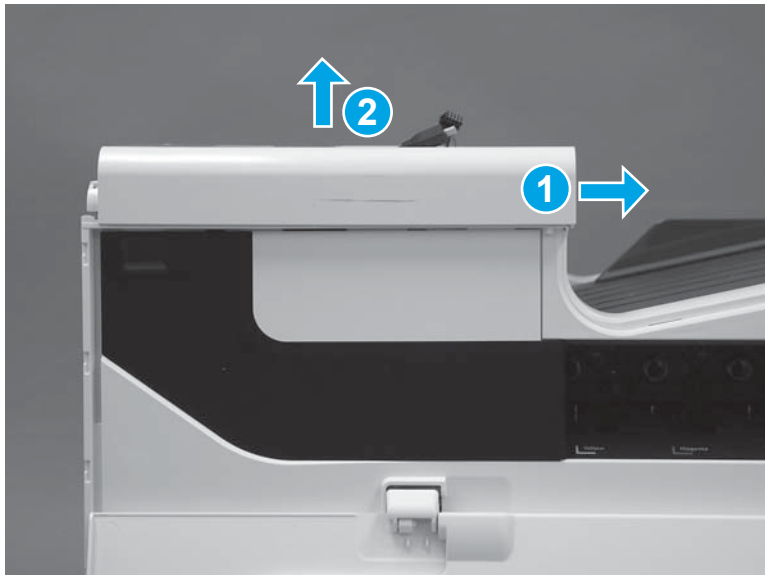
Figure 1-164 Release two tabs



4. At the front of the printer, slide the cover to the right (callout 1) to release the remaining tabs and the hooks (callout 2).

 **NOTE:** To locate the tabs, see step 1.

Figure 1-165 Release the cover



5. Remove the cover.


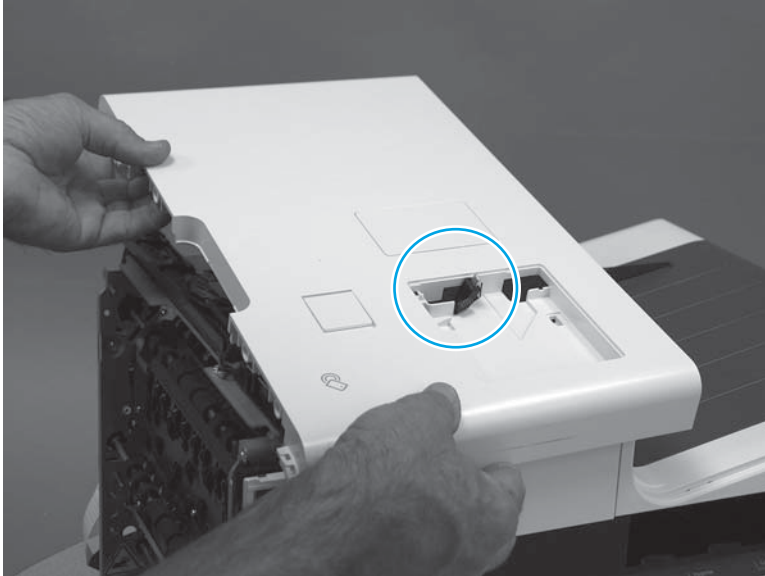
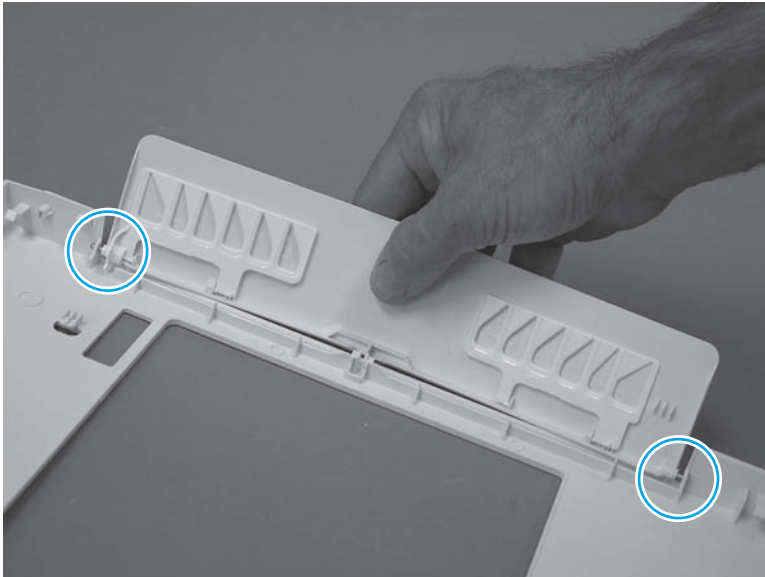
 **NOTE:** Pass the control-panel cable and wire harness through the opening in the cover as it is removed.

Figure 1-166 Remove the top cover (556)



6. **Optional step:** If a replacement top cover is being installed, remove the output bin flap by flexing the center of the flap to release the right- and left-side hinge pins from the holes in the cover.

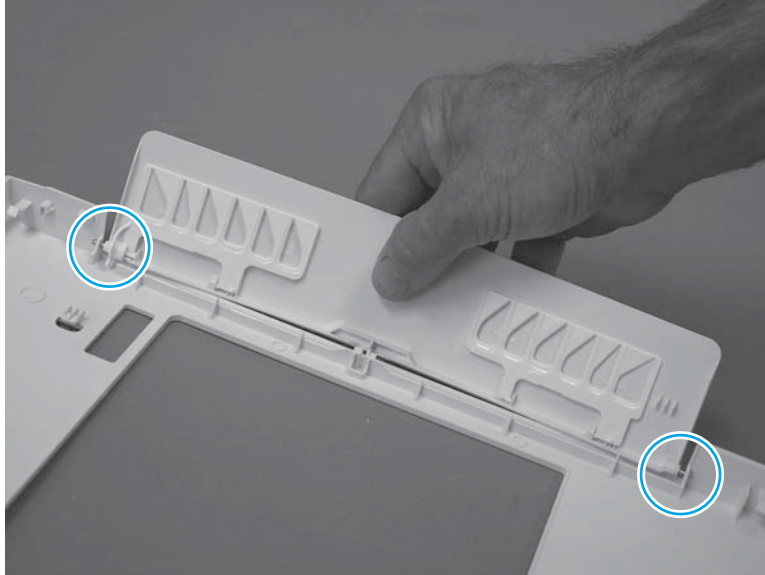
Figure 1-167 Remove the output bin flap



Step 10: Install the top cover (556)

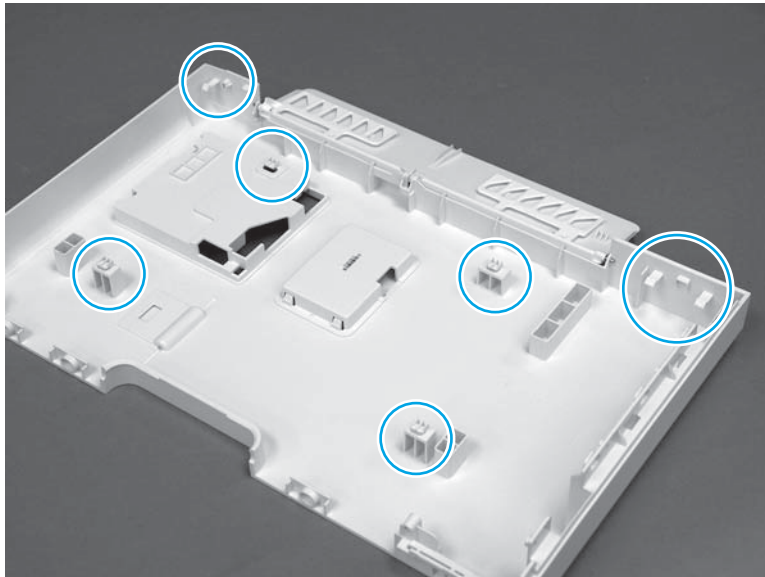
1. **Optional step:** If a replacement top cover is being installed, install the output bin flap by flexing the center of the flap and installing the right- and left-side hinge pins in the holes in the cover.

Figure 1-168 Install the output bin flap



2. Before proceeding, take note of the tabs and hooks on the top cover.

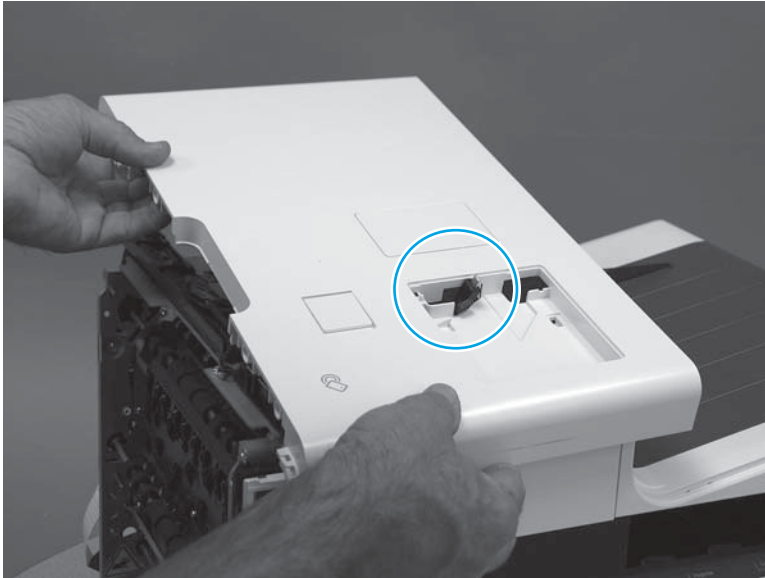
Figure 1-169 Tabs and hooks on the top cover



3. Position the cover on the printer.

 **NOTE:** Pass the control-panel cable and wire harness through the opening in the cover as it is installed.

Figure 1-170 Install the top cover (556)



4. At the front of the printer, slide the cover to the left (callout 1) to engage the tabs and the hooks (callout 2).


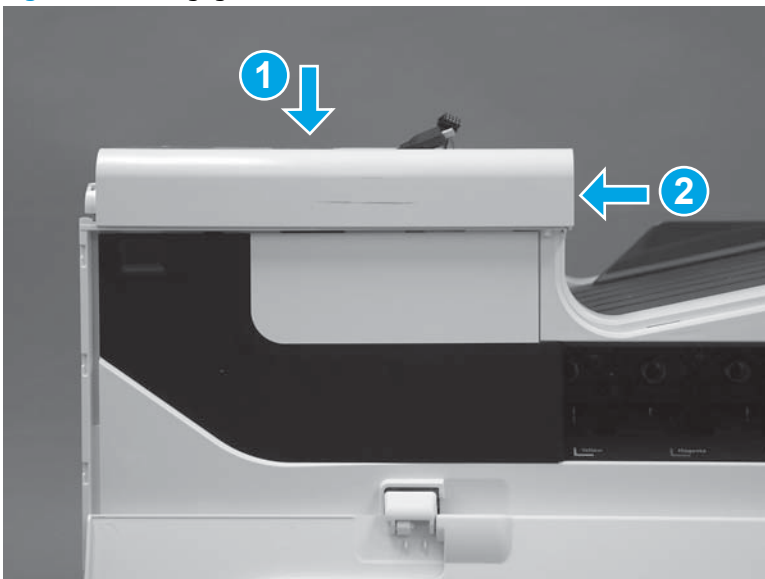
 **NOTE:** To locate the tabs, see step 2.

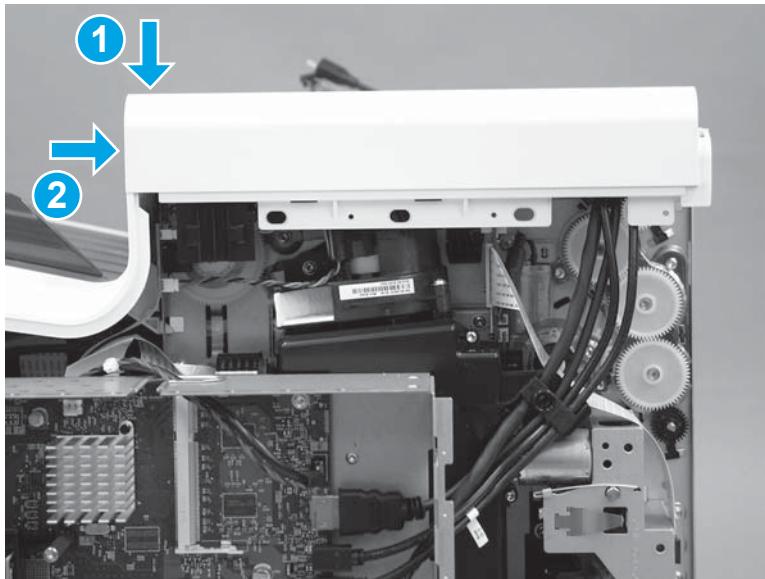
Figure 1-171 Engage the cover



5. At the rear of the printer, engage two tabs (callout 1/2).

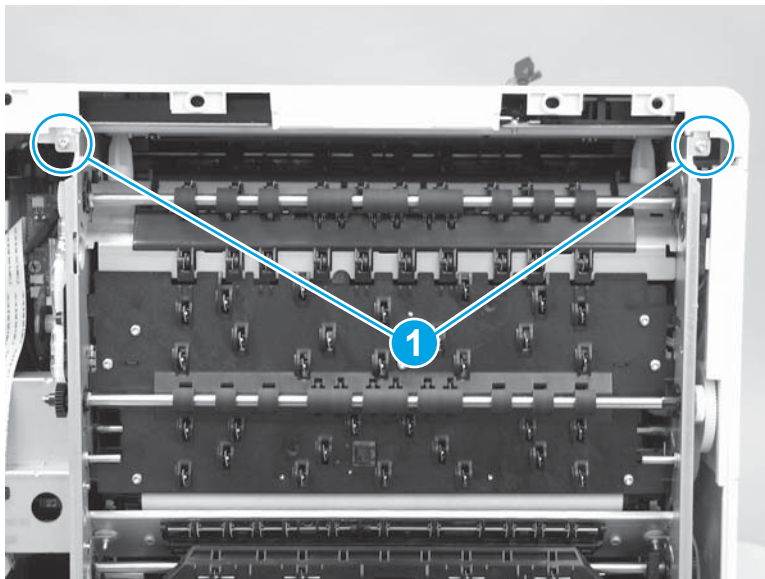
 **NOTE:** To locate the tabs, see step 2.

Figure 1-172 Engage two tabs



6. On the left side of the printer, install two screws (callout 1).

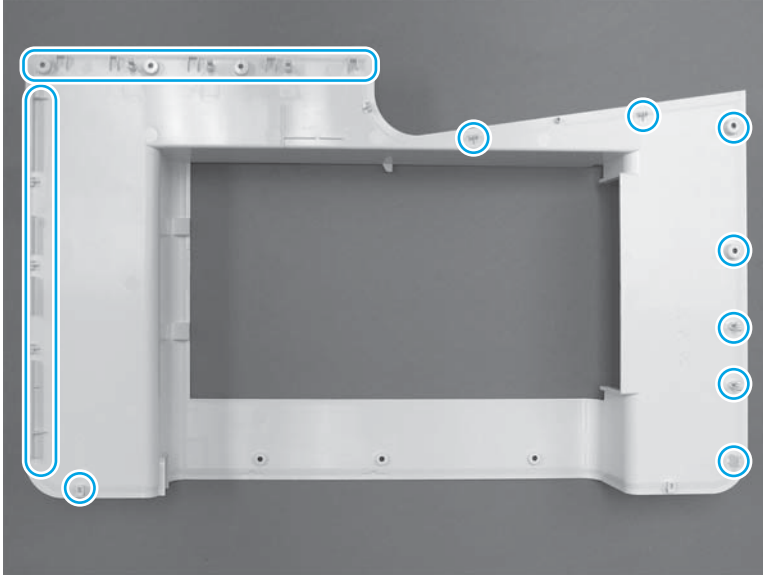
Figure 1-173 Install two screws



Step 11: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-174 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


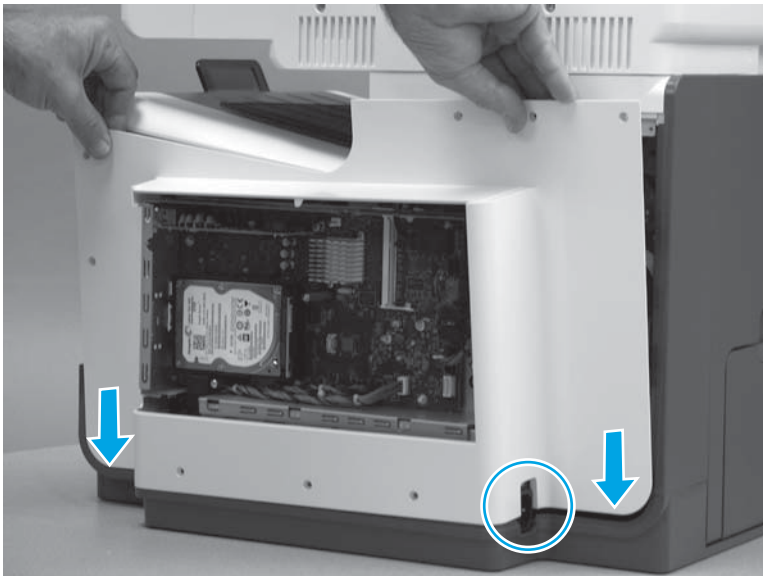
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

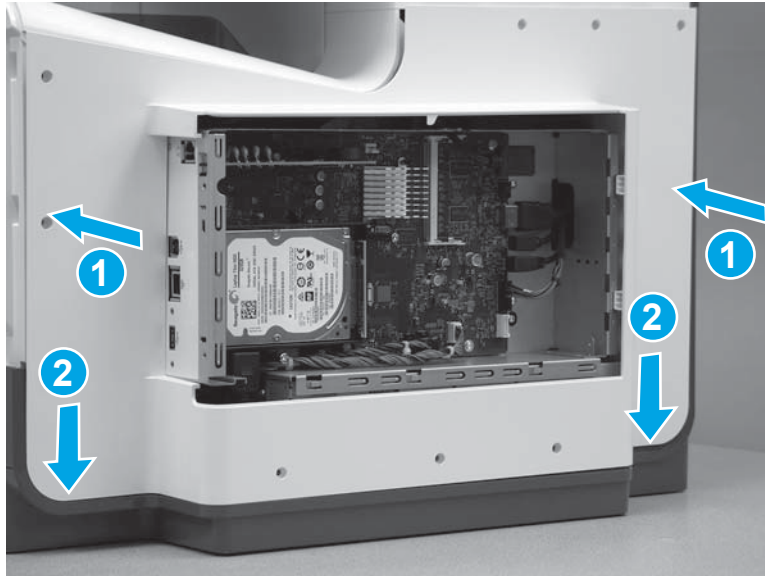
Figure 1-175 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

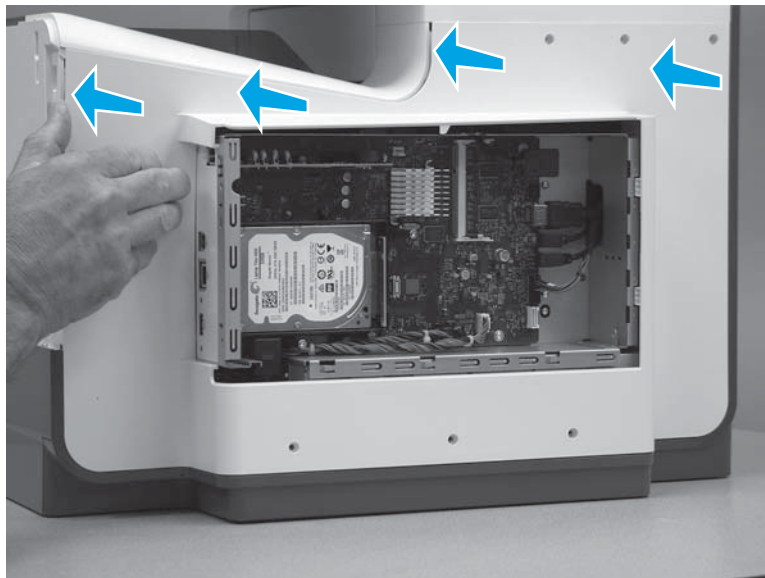
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-176 Engage the sides of the cover



4. Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

Figure 1-177 Release the top edge of the cover



5. Install eight screws (callout 1).


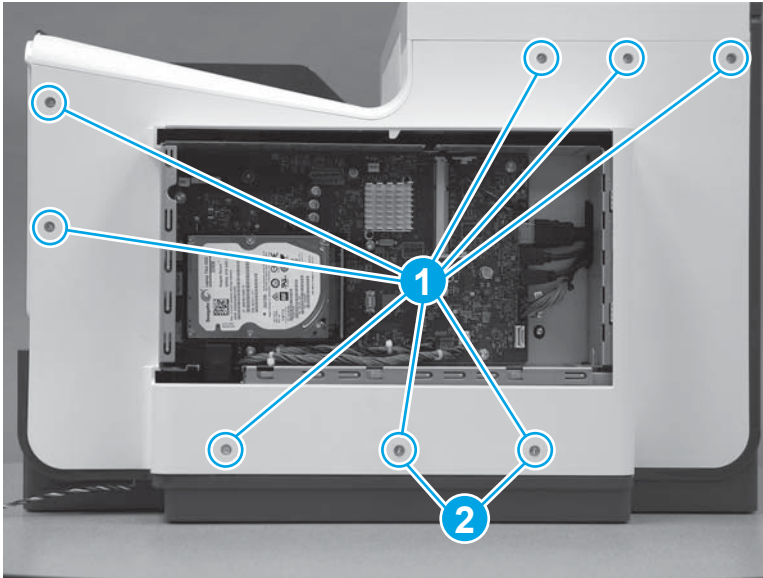
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

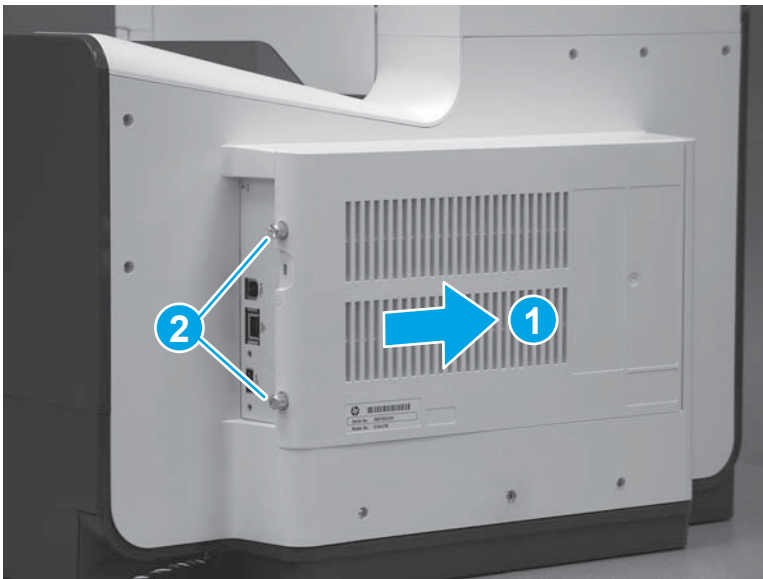
Figure 1-178 Install eight screws



Step 12: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

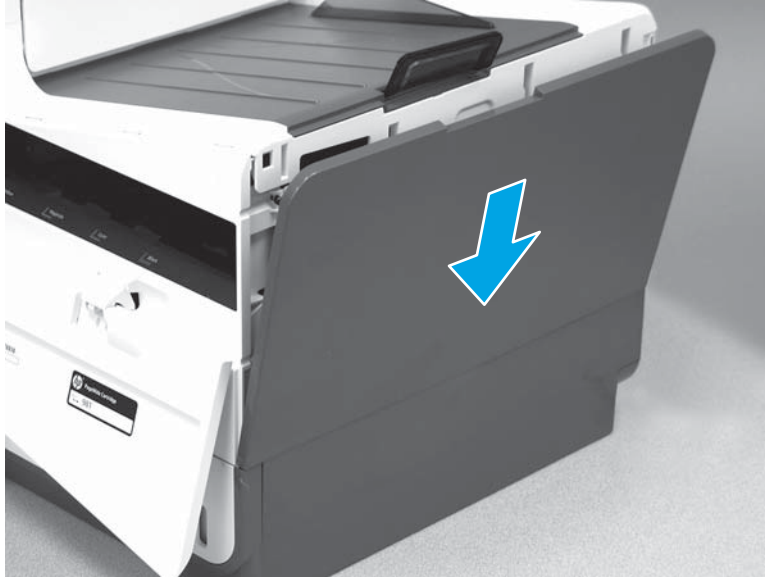
Figure 1-179 Install the formatter cover



Step 13: Install the right cover (outer)

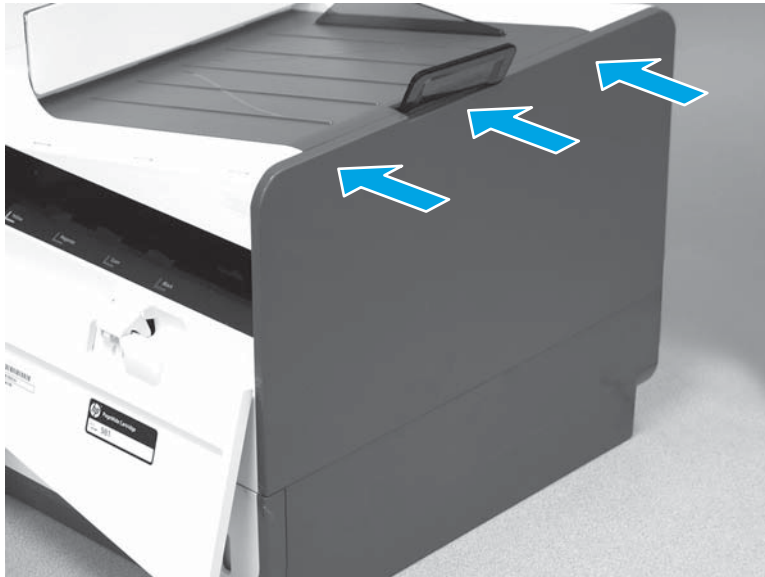
1. Position the bottom edge of the cover on the printer.

Figure 1-180 Position the right cover (outer) on the printer




2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-181 Install the right cover (outer)

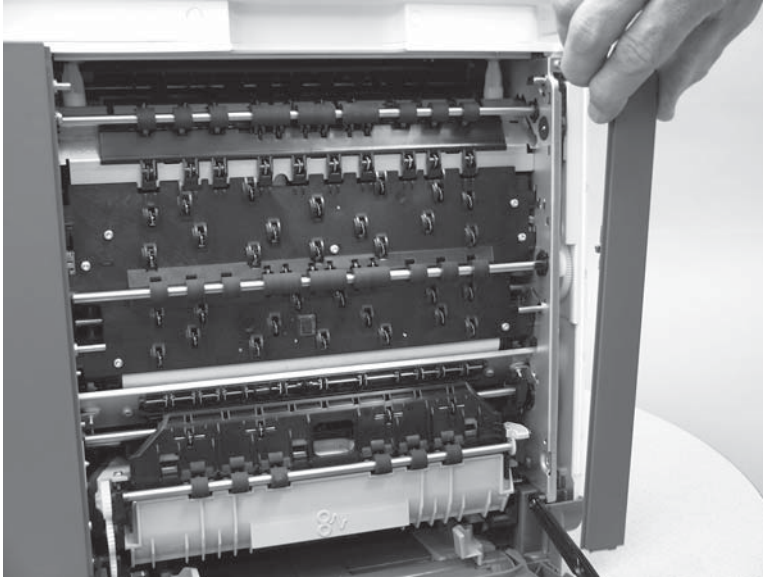


Step 14: Install the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Position the cover on the printer.

Figure 1-182 Install the left front cover

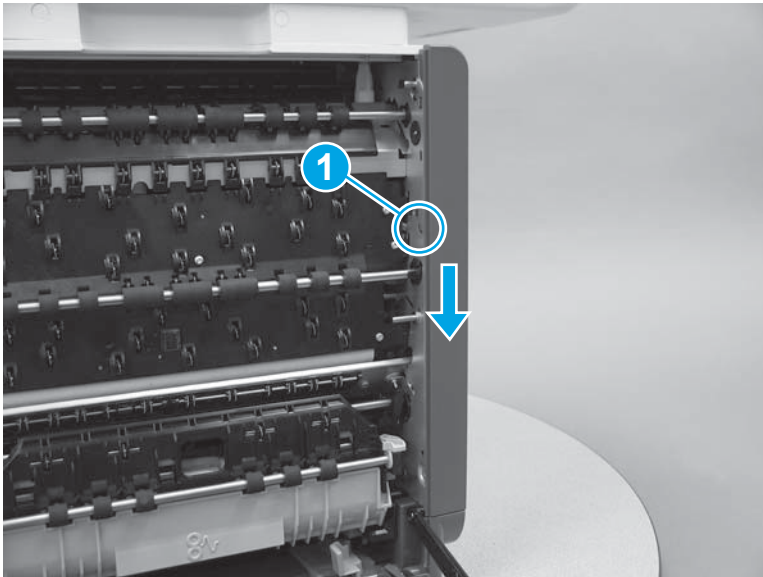


2. Engage the cover by sliding it down about 10 mm (0.4 in).



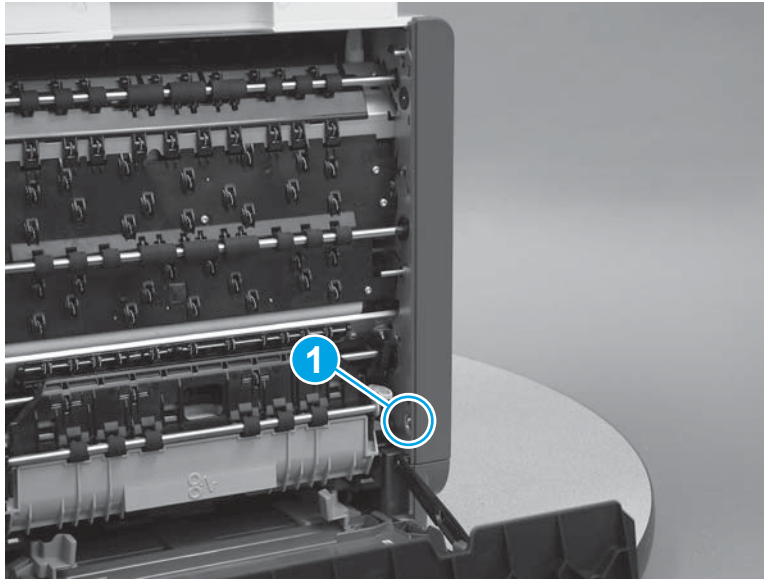
NOTE: Make sure that the tab (callout 1) snaps into place.

Figure 1-183 Engage the cover



3. Install one screw (callout 1).

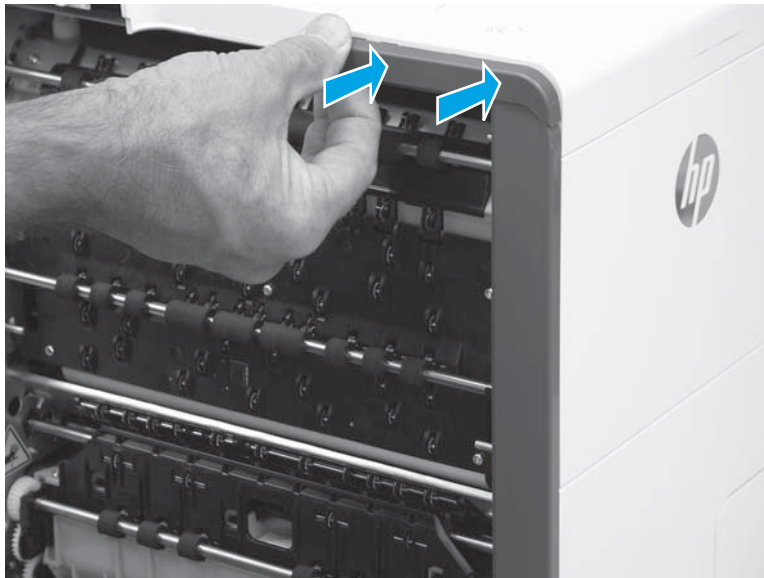
Figure 1-184 Install one screw




Step 15: Install the left-front top cover cap (556)

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

Figure 1-185 Install the left-front top cover cap (556)

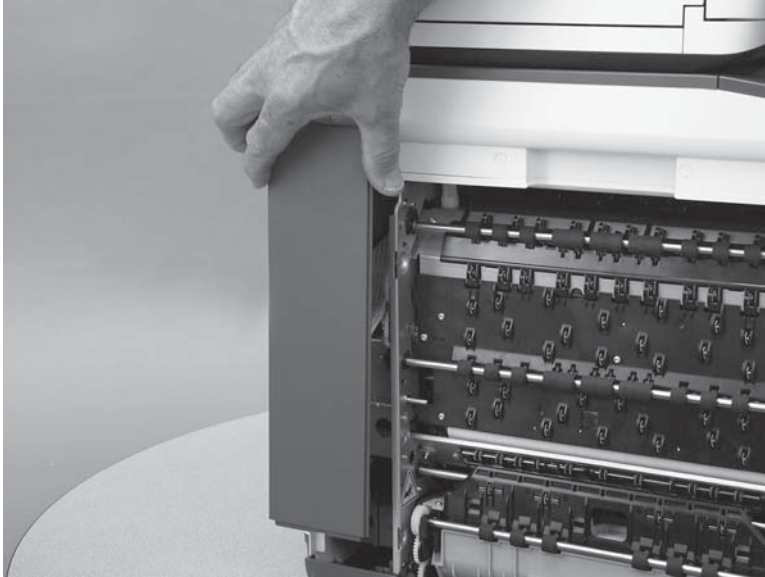


Step 16: Install the left rear cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

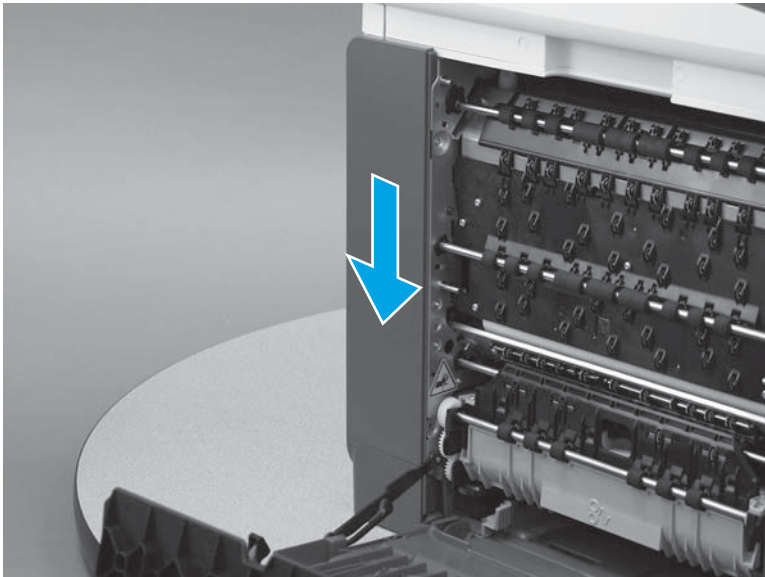
1. Position the cover on the printer.

Figure 1-186 Install the left rear cover



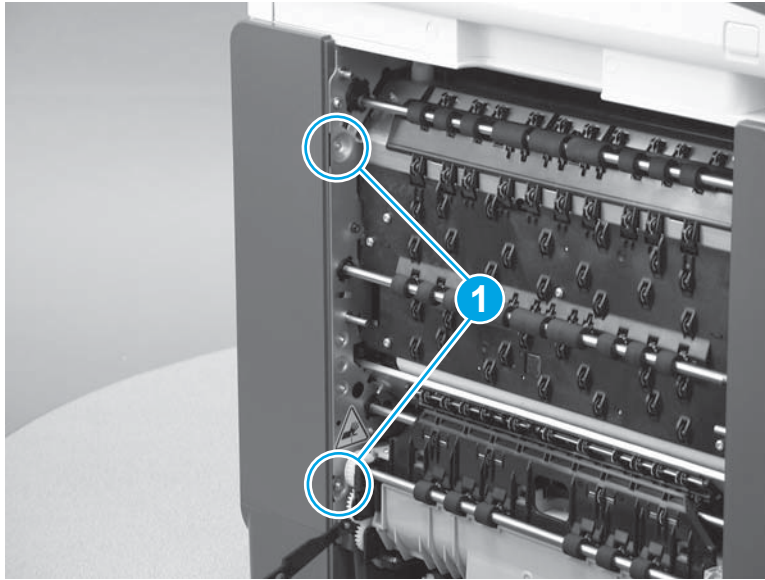
2. Engage the cover by sliding it down about 10 mm (0.4 in).

Figure 1-187 Engage the cover



3. Install two screws (callout 1).

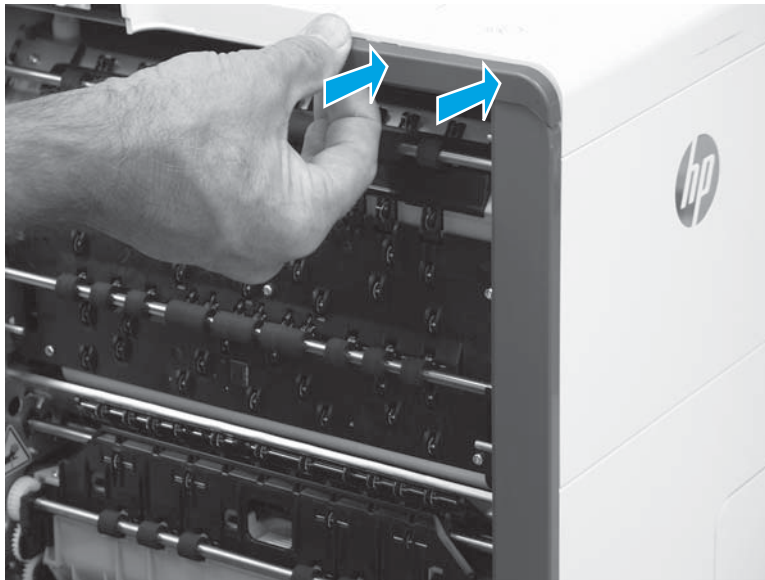
Figure 1-188 Install two screws



Step 17: Install the left-rear top cover cap (556)

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

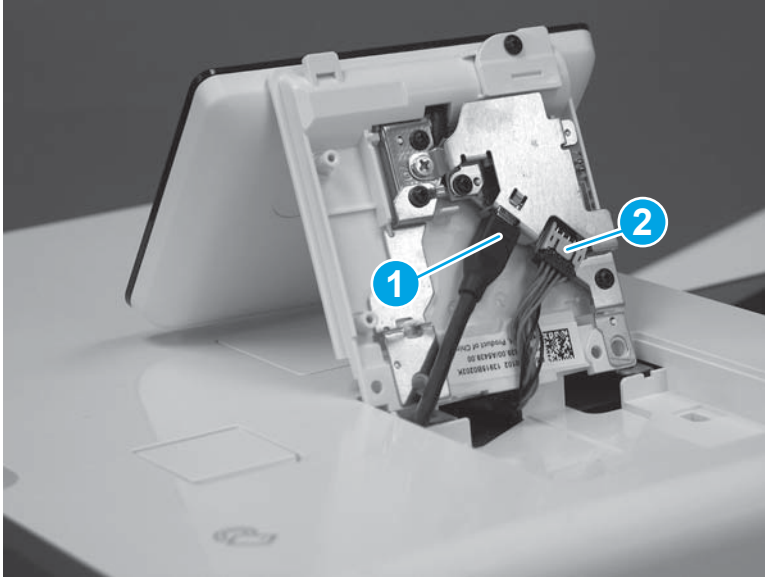
Figure 1-189 Install the left-front top cover cap (556)



Step 18: Install the control panel (556)

1. Connect one HDMI cable (callout 1) and one connector (callout 2).

Figure 1-190 Connect cables



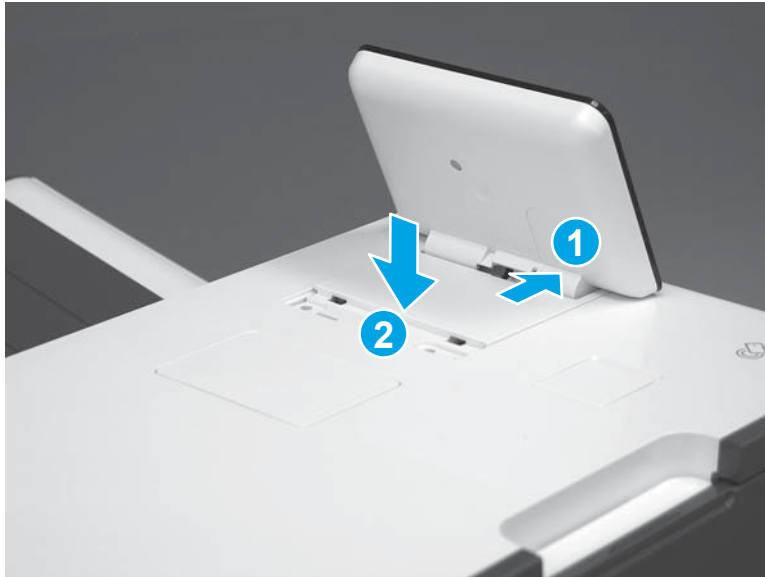
2. Install the tabs (callout 1) on the front of the control panel in the slots (callout 2) on the printer top cover.

Figure 1-191 Install the control panel



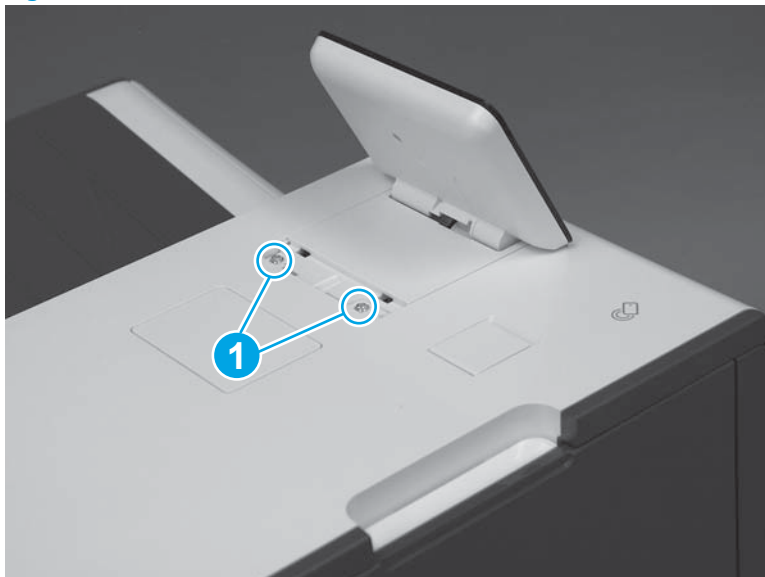
3. With the front tabs engaged in the slots (callout 1), rotate the control-panel base down onto the printer (callout 2).

Figure 1-192 Rotate the control-panel base down



4. Install two # 10 torx screws (callout 1).

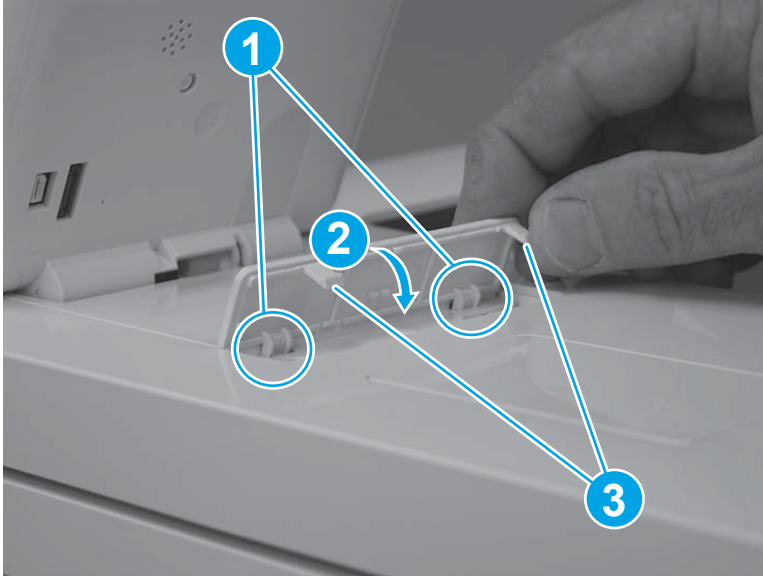
Figure 1-193 Install two screws



5. Position the access cover mounting feet into the slots in the top cover (callout 1), and then rotate the cover down (callout 2) to install it.

 **NOTE:** Press down on the cover firmly to make sure that the tabs (callout 3) snap into place.

Figure 1-194 Install the cover



Removal and replacement: Top cover (586)

- [Introduction](#)
- [Step 1: Remove the integrated scanner assembly \(ISA; 586\)](#)
- [Step 2: Remove the left rear cover](#)
- [Step 3: Remove the left front cover](#)
- [Step 4: Remove the right cover \(outer\)](#)
- [Step 5: Remove the formatter cover](#)
- [Step 6: Remove the rear cover](#)
- [Step 7: Remove the top cover \(586\)](#)
- [Step 8: Unpack the replacement assembly](#)
- [Step 9: Install the top cover \(586\)](#)
- [Step 10: Install the rear cover](#)
- [Step 11: Install the formatter cover](#)
- [Step 12: Install the right cover \(outer\)](#)
- [Step 13: Install the left front cover](#)
- [Step 14: Install the left rear cover](#)
- [Step 15: Install the integrated scanner assembly \(ISA; 586\)](#)

Introduction

This document provides the procedures to remove and replace the top cover (586).

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.

Top cover (586) part number	
G1W39-67920	Top cover (586)

Required tools

- Small flat-blade screwdriver.
- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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 are available for this assembly.

Step 1: Remove the integrated scanner assembly (ISA; 586)

 **NOTE:** The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

1. If the control panel is in the down position, tilt it up to the fully raised position, and then open the document feeder.

Figure 1-195 Tilt the control panel up



2. Use a small flat blade screwdriver to release the small gray plastic cover under the control panel.

Figure 1-196 Release the small gray plastic cover



3. Remove the cover.

Figure 1-197 Remove the cover



4. Beginning at the left side of the control-panel cover, carefully release three bosses along the top edge of the cover.

Figure 1-198 Release three bosses



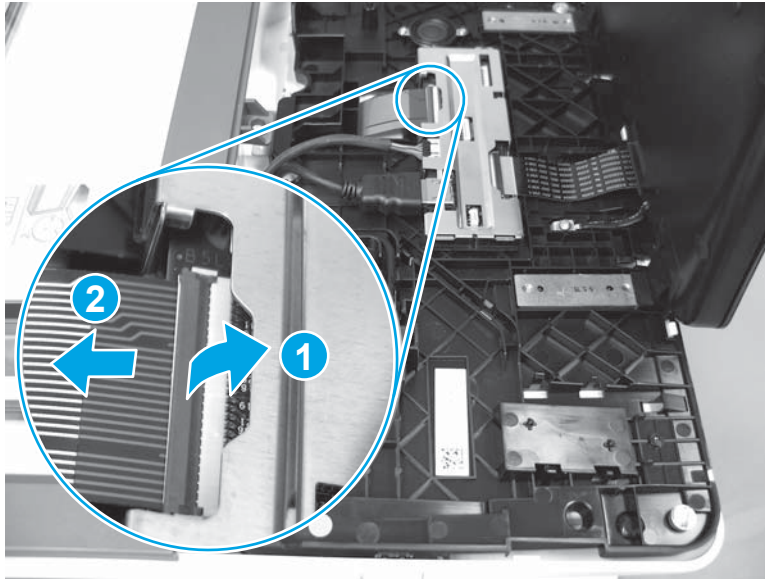
5. Lift up on the cover to release the right- and left-side bosses, and then remove the cover.

Figure 1-199 Remove the control-panel cover



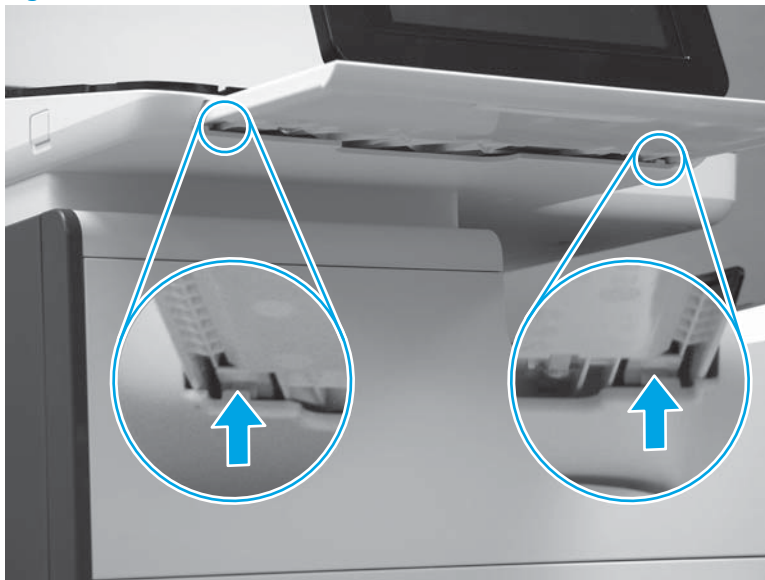
6. **586z only:** Open the connector latch to release the keyboard flat cable.

Figure 1-200 Release the keyboard cable (586z)



7. **586z only:** Slide the keyboard out until it stops, and then release two tabs on the keyboard.

Figure 1-201 Release two tabs (586z)



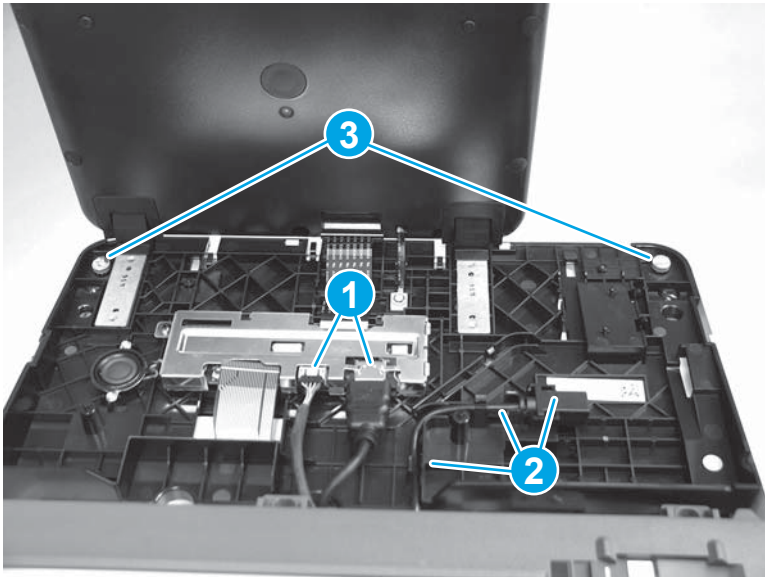
8. **586z only:** Remove the keyboard.

Figure 1-202 Remove the keyboard (586z)



9. Disconnect one HDMI cable and one connector (callout 1), release the USB cable from the holder and retainers (callout 2), and then remove two thumbscrews (callout 3).

Figure 1-203 Disconnect connectors and remove thumbscrews



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

Figure 1-204 Remove the control panel



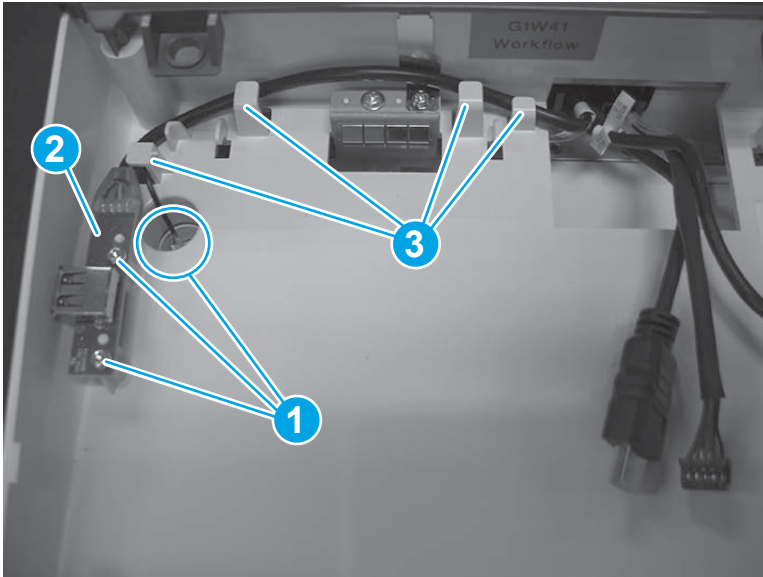
11. Remove the USB port cover.

Figure 1-205 Remove the USB port cover



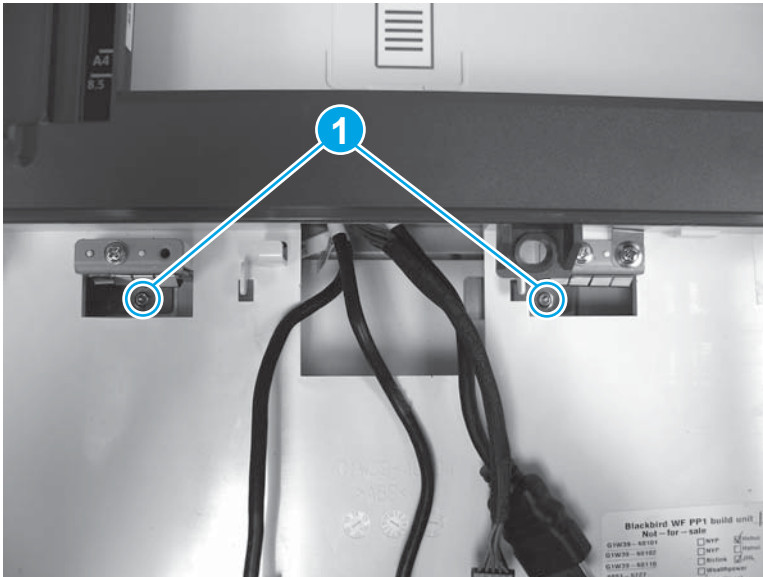
12. Remove three screws (callout 1) to release the USB port PCA (callout 2), and then release the cable from the retainers (callout 3).

Figure 1-206 Remove screws and release the cable



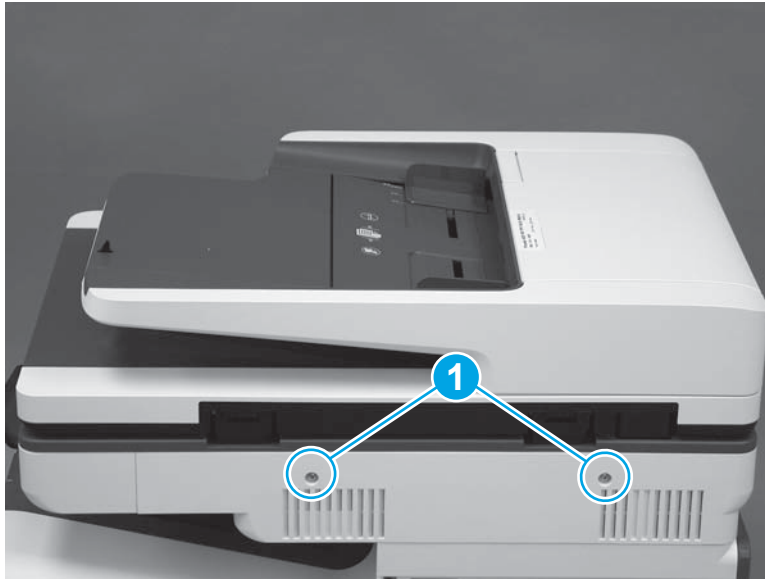
13. Remove two screws (callout 1).

Figure 1-207 Remove two screws



14. At the back of the printer, remove two screws (callout 1).

Figure 1-208 Remove two screws



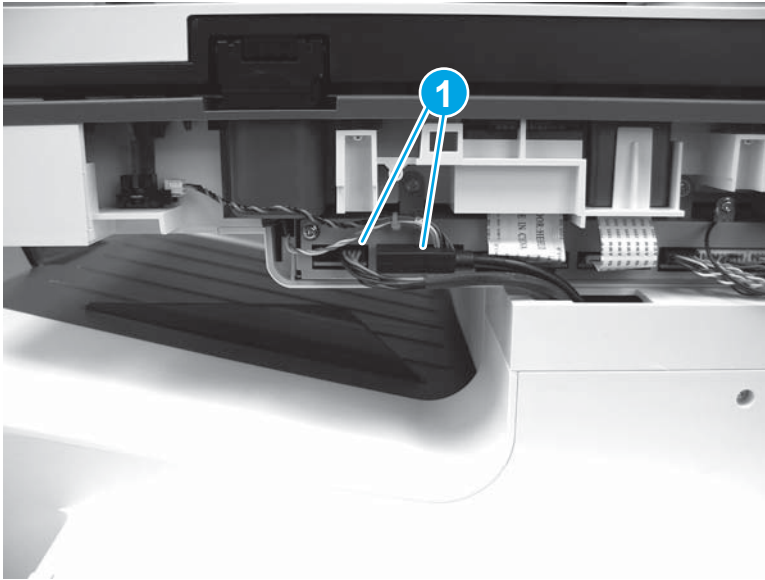
15. Pull the scanner control board (SCB) cover straight off the printer to remove it.

Figure 1-209 Remove the SCB cover



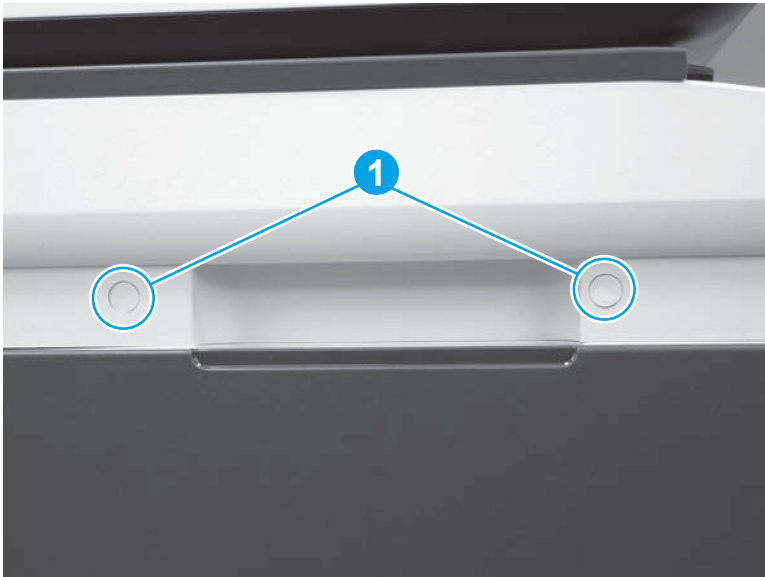
16. At the left end of the SCB, disconnect two connectors (callout 1).

Figure 1-210 Disconnect two connectors



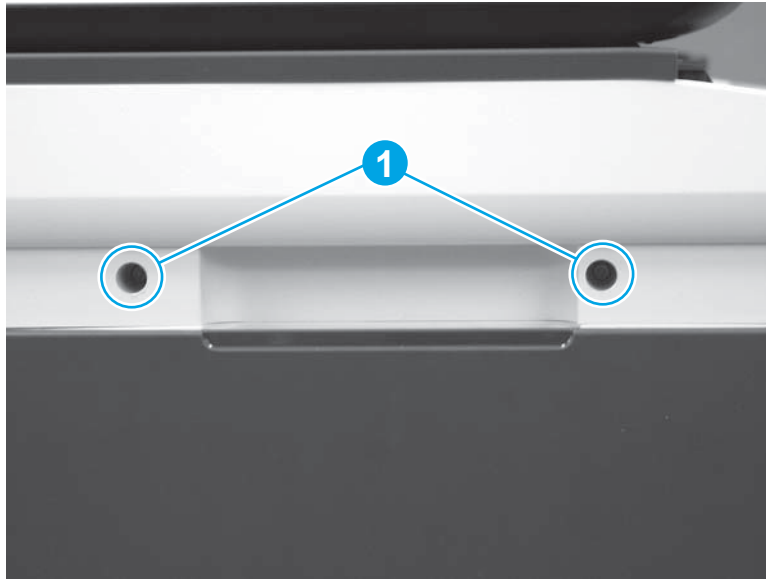
17. At the left side of the printer, use a small flat blade screwdriver to carefully remove two white rubber plugs (callout 1).

Figure 1-211 Remove two plugs



18. Remove two screws (callout 1).

Figure 1-212 Remove two screws

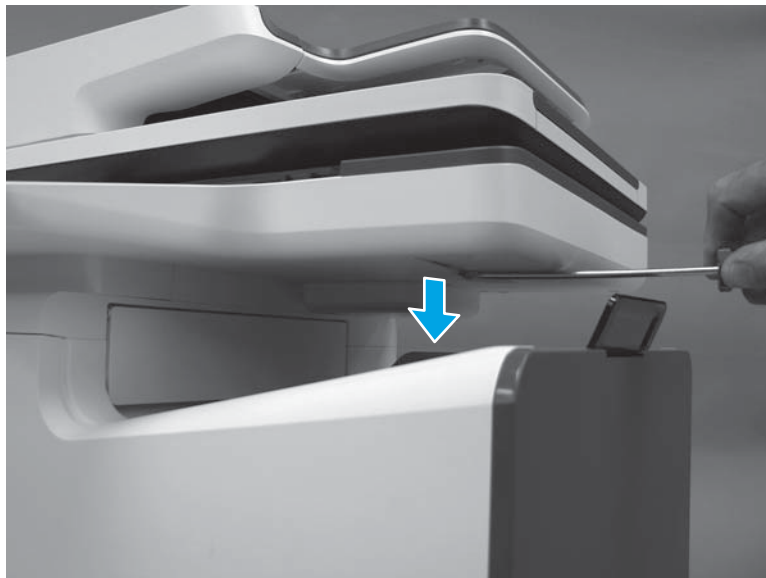


19. Use a flat blade screwdriver to release the scanner base cover.



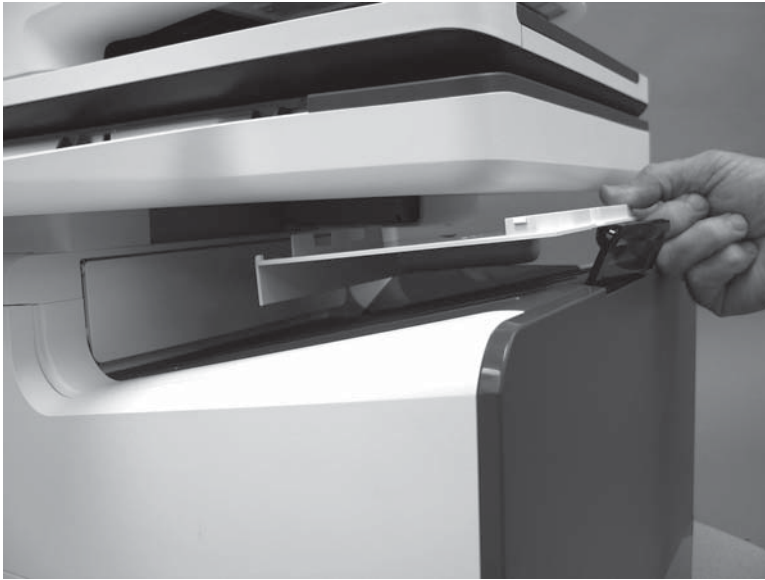
NOTE: Use a screwdriver with at least a 152 mm (6 in) shaft to release the cover. This cover can be difficult to remove and might require some force to release it from the ISA.

Figure 1-213 Release the cover



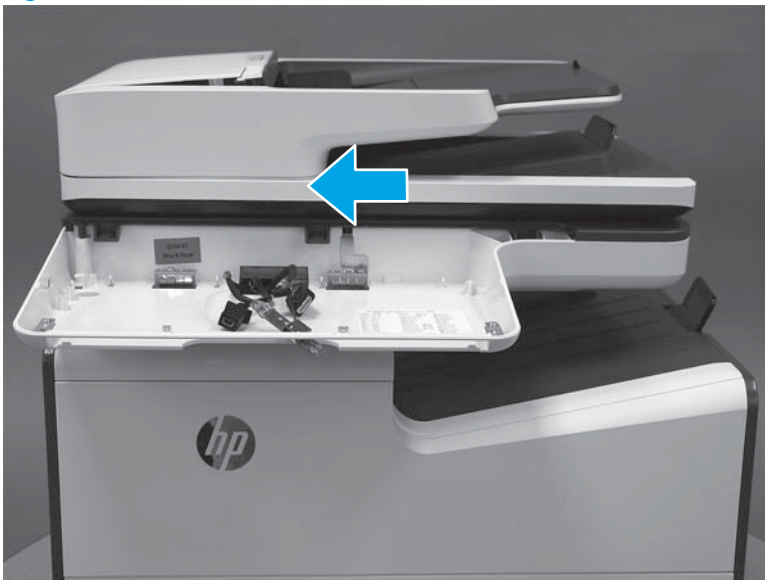
20. Remove the cover.

Figure 1-214 Remove the scanner base cover



21. Slightly slide the ISA toward the left side of the printer to release it.

Figure 1-215 Slide the ISA left



22. Slightly lift the front of the ISA up, and then pass the wire harnesses and cables through the opening in the ISA chassis.

CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

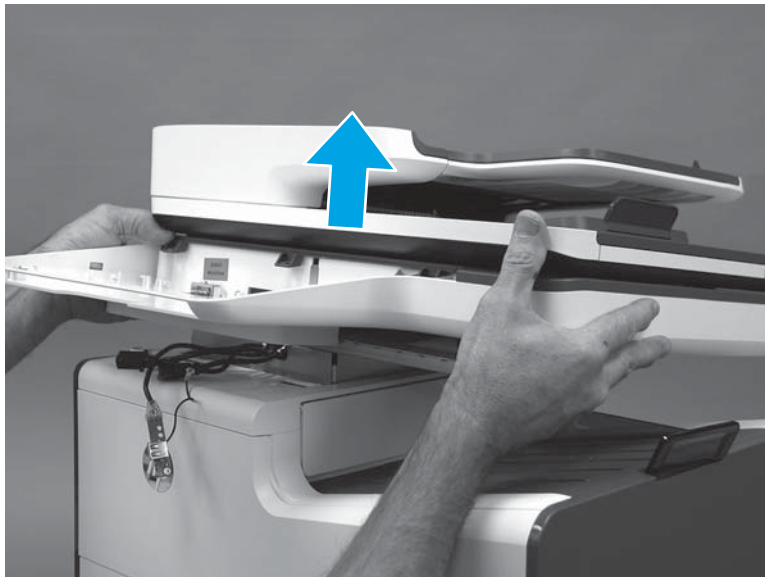
Figure 1-216 Pass the wire harnesses and cables through the opening



23. Lift the ISA straight up and off of the printer base to remove it.

CAUTION: The ISA is bulky and heavy. Do not drop the ISA.

Figure 1-217 Remove the ISA

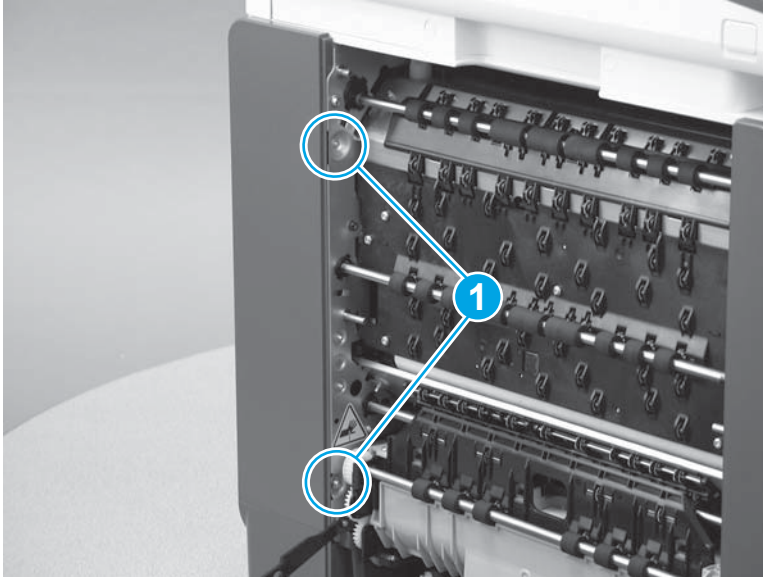


Step 2: Remove the left rear cover

NOTE: The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove two screws (callout 1).

Figure 1-218 Remove two screws

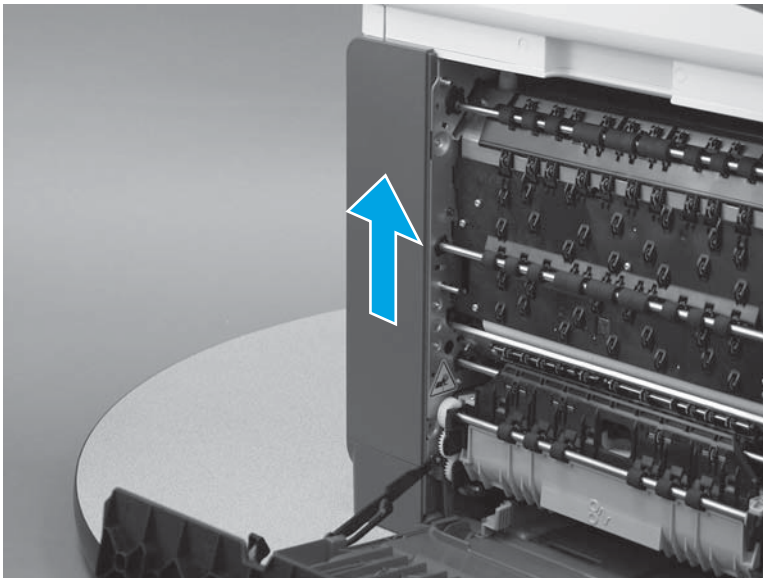


2. Release the cover by sliding it up about 10 mm (0.4 in).



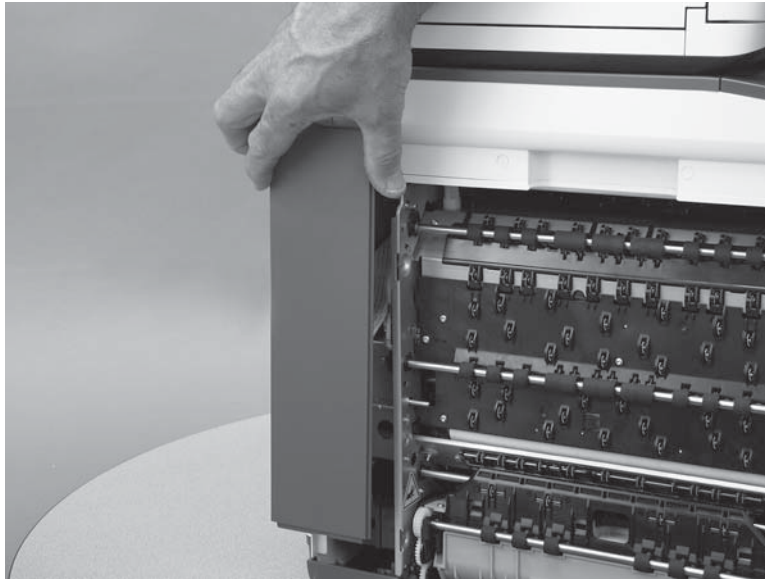
NOTE: This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-219 Release the cover




3. Remove the cover.

Figure 1-220 Remove the left rear cover

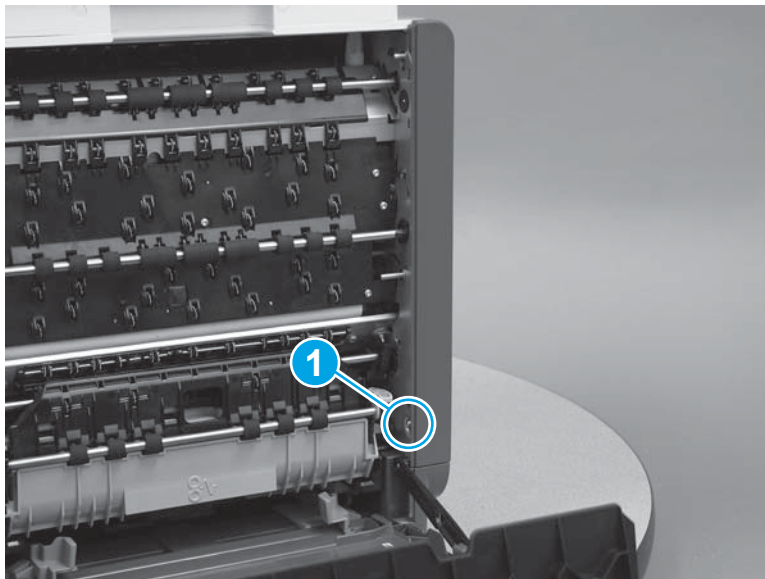


Step 3: Remove the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove one screw (callout 1).

Figure 1-221 Remove one screw



2. Release one tab (callout 1), and then release the cover by sliding it up about 10 mm (0.4 in).


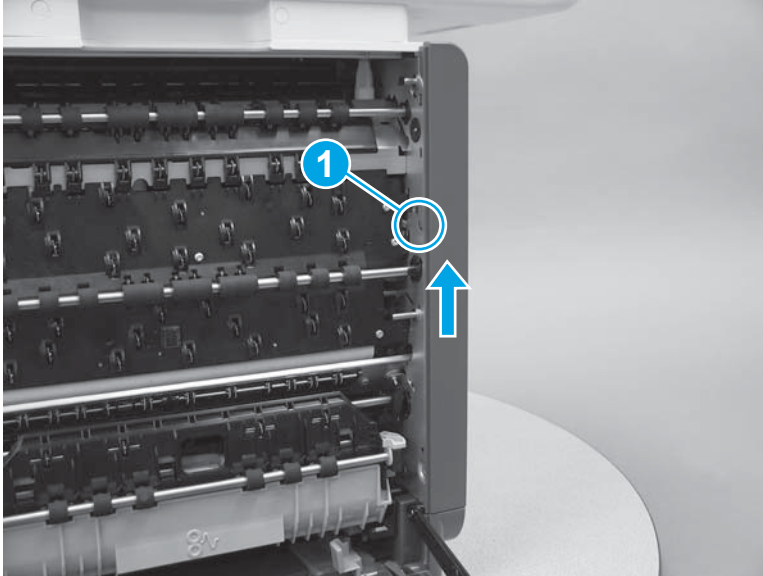
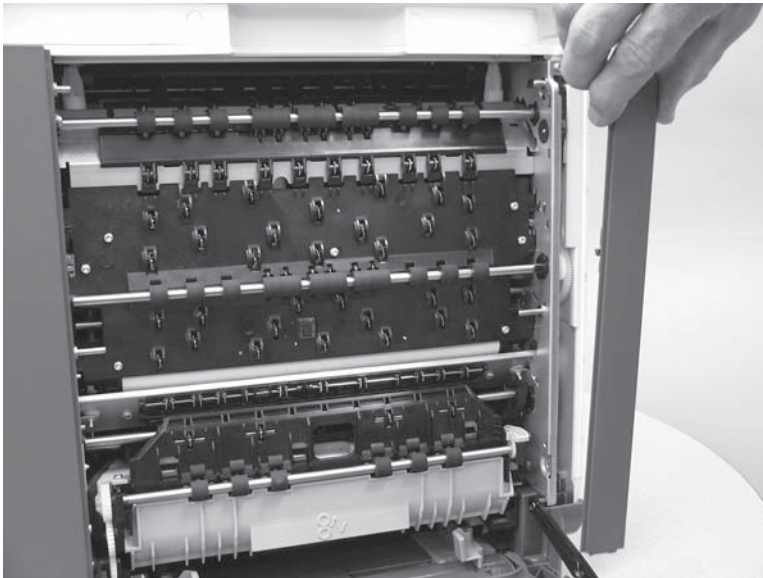
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-222 Release the cover



3. Remove the cover.

Figure 1-223 Remove the left front cover



Step 4: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


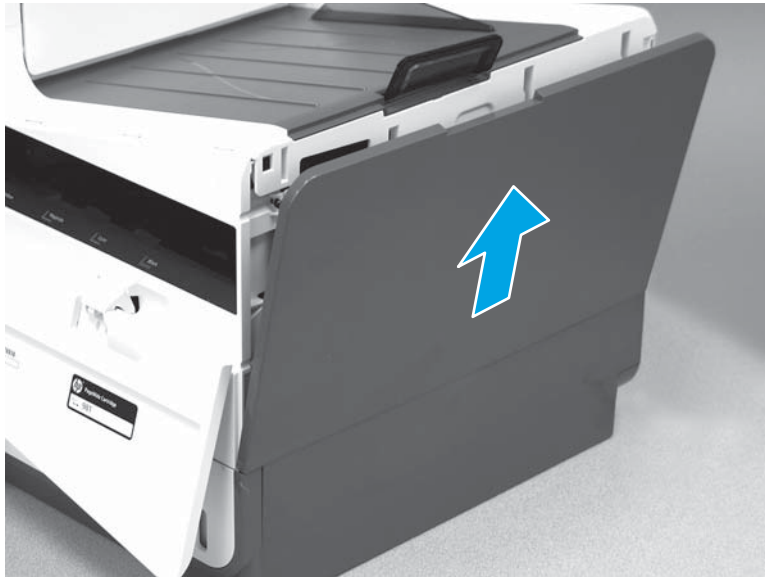
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-224 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-225 Remove the right cover (outer)



Step 5: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


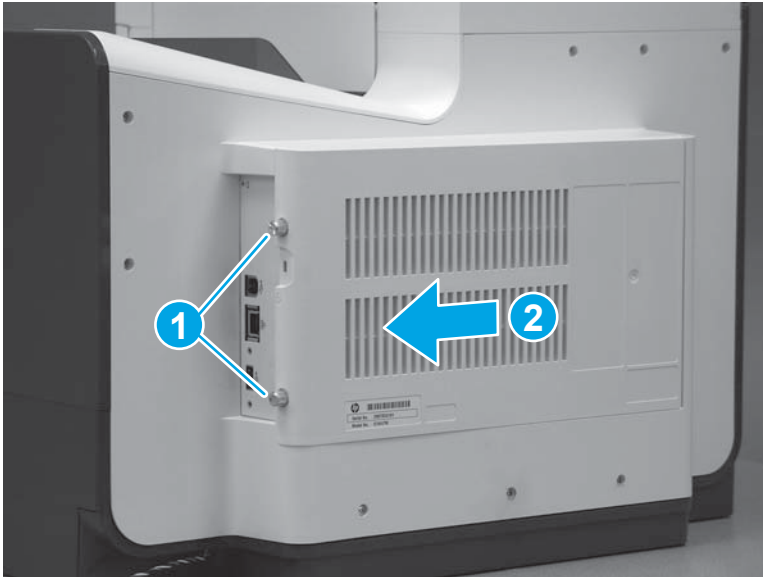
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-226 Remove the formatter cover



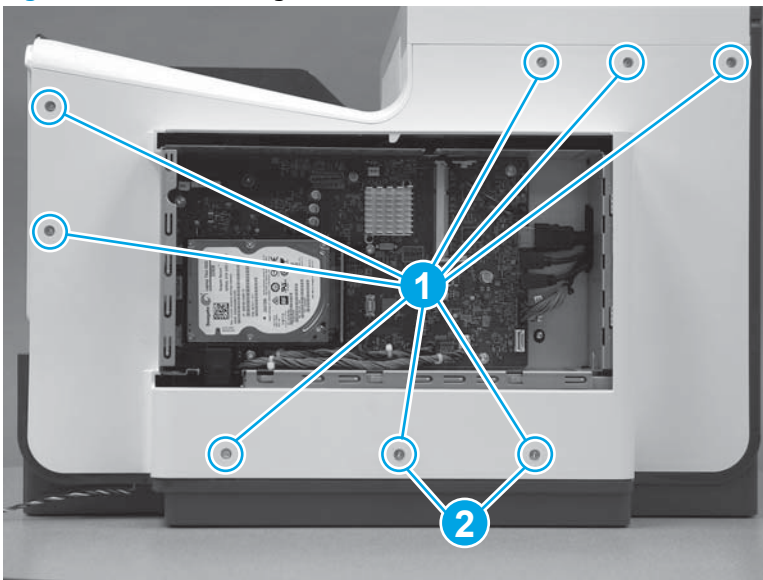
Step 6: Remove the rear cover

1. Remove eight screws (callout 1).



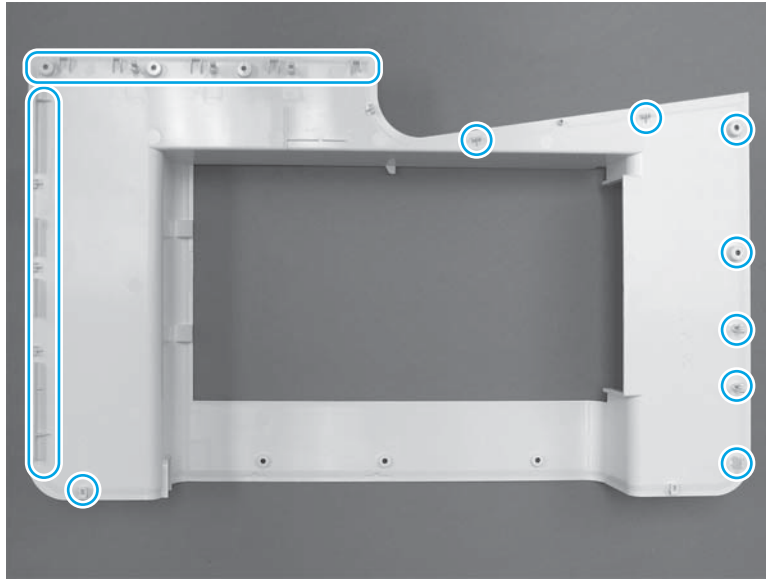
NOTE: Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-227 Remove eight screws



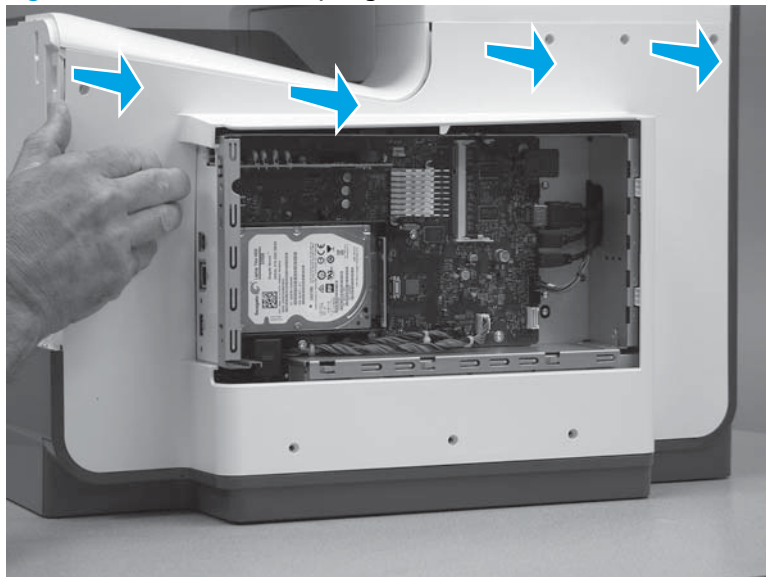
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-228 Find the tabs and bosses on the rear cover



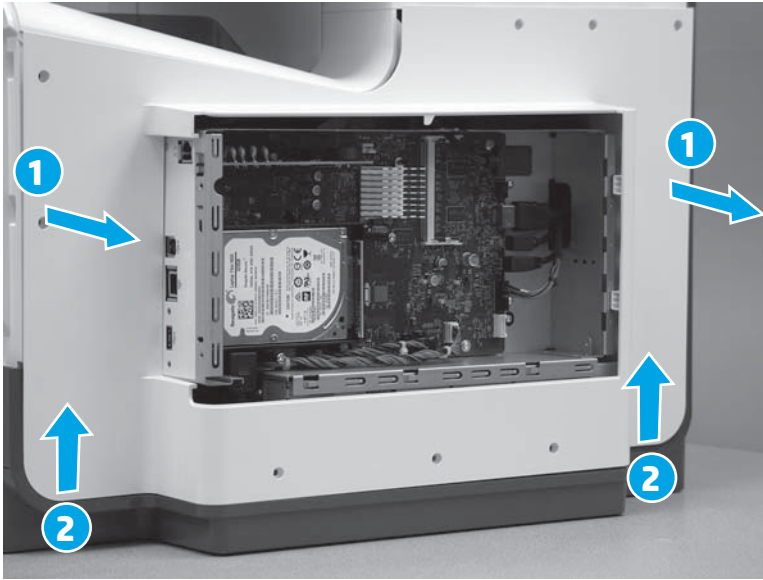
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-229 Release the top edge of the cover



4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

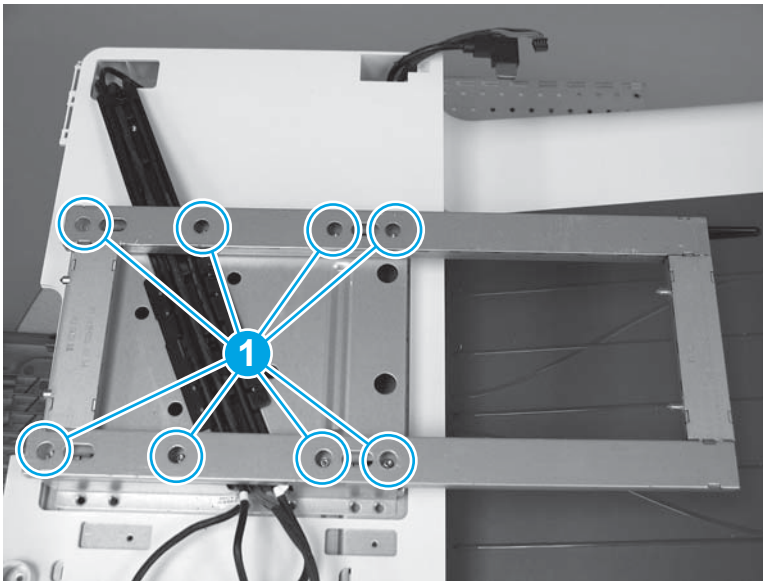
Figure 1-230 Remove the rear cover



Step 7: Remove the top cover (586)

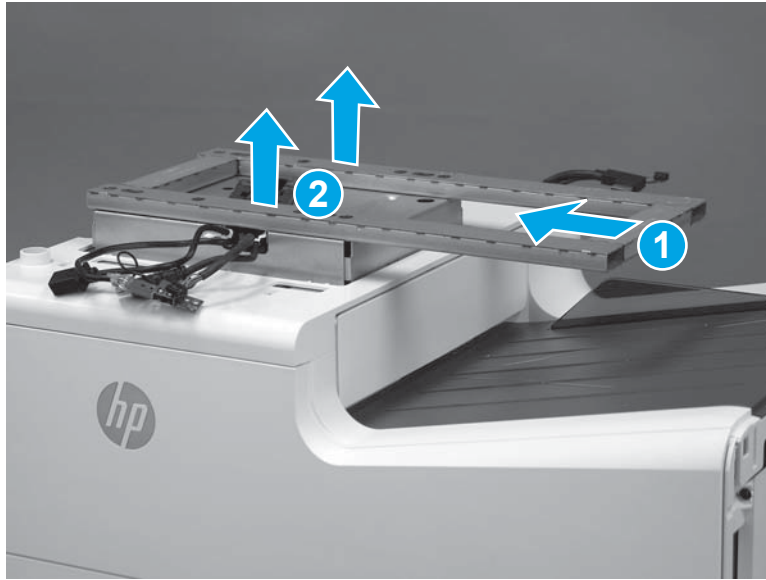
1. Remove eight screws (callout 1).

Figure 1-231 Remove eight screws



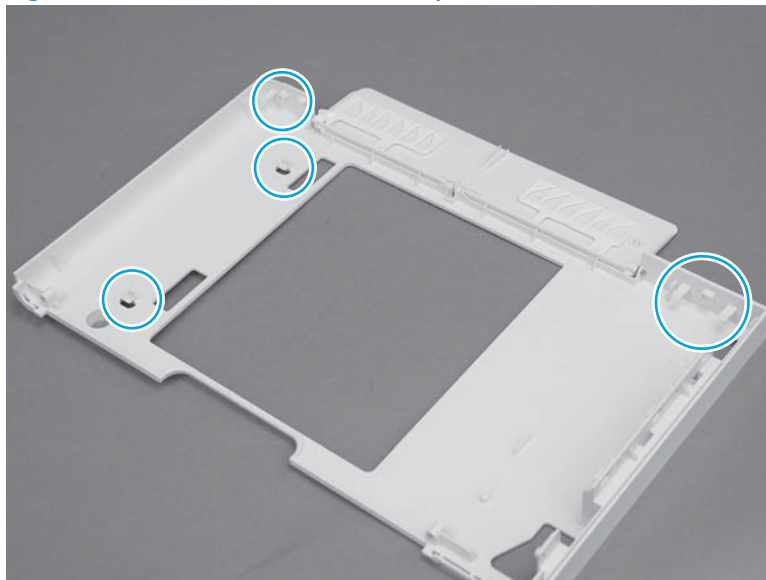
2. Slide the bracket to the left to release it, and then lift it straight up and off of the printer to remove it.

Figure 1-232 Slide the bracket left



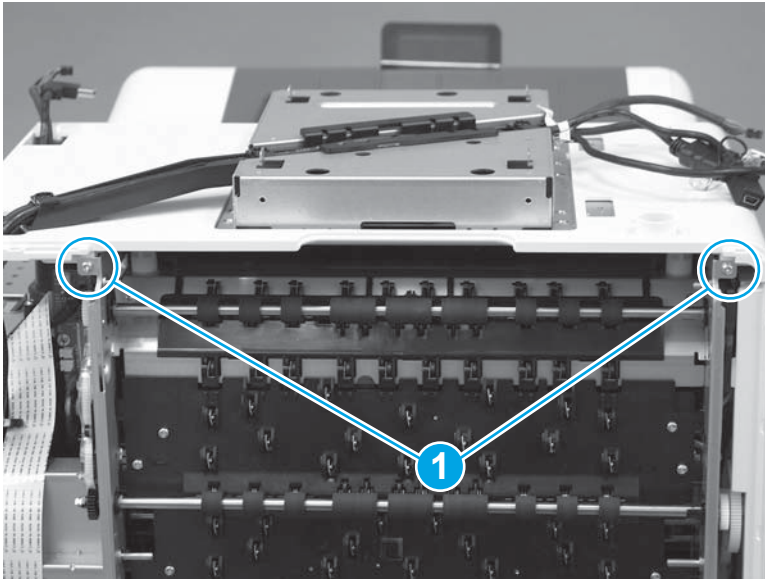
3. Before proceeding, take note of the tabs and hooks on the top cover.

Figure 1-233 Tabs and hooks on the top cover



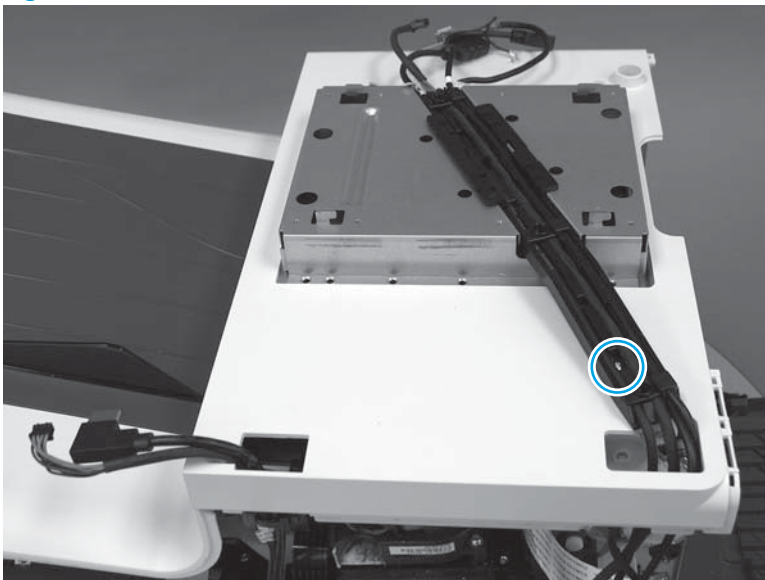
4. On the left side of the printer, remove two screws (callout 1).

Figure 1-234 Remove two screws



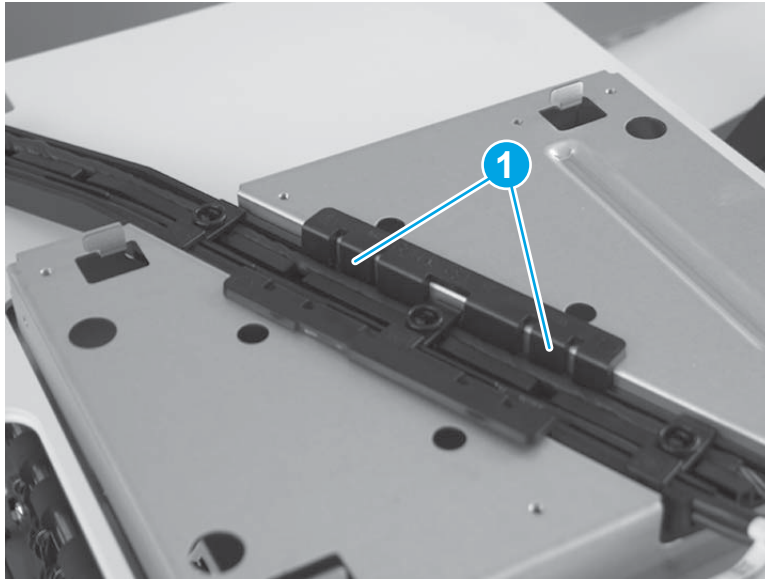
5. Remove one screw.

Figure 1-235 Remove one screw



6. Release two tabs (callout 1) to release the wire guide.

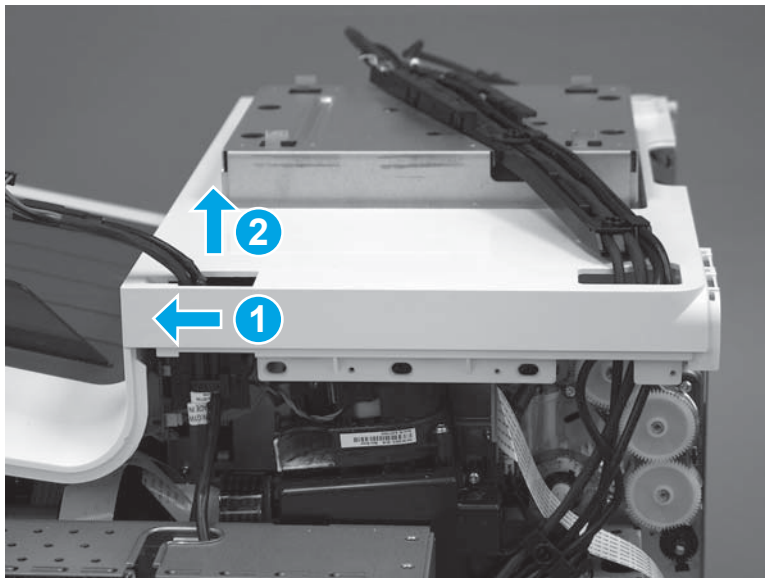
Figure 1-236 Release two tabs



7. At the rear of the printer, flex the top cover to the left (callout 1) and then slightly lift it up (callout 2) to release two tabs.

 **NOTE:** To locate the tabs, see step [3](#).

Figure 1-237 Release two tabs



8. At the front of the printer, slide the cover to the right (callout 1) to release the remaining tabs and the hooks (callout 2/3).


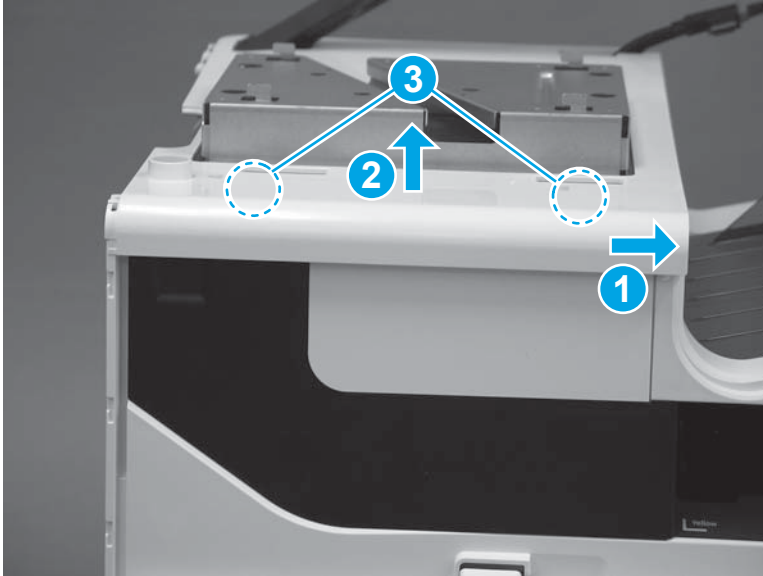
 **NOTE:** To locate the tabs, see step 3.

Figure 1-238 Release the cover



9. Remove the cover.


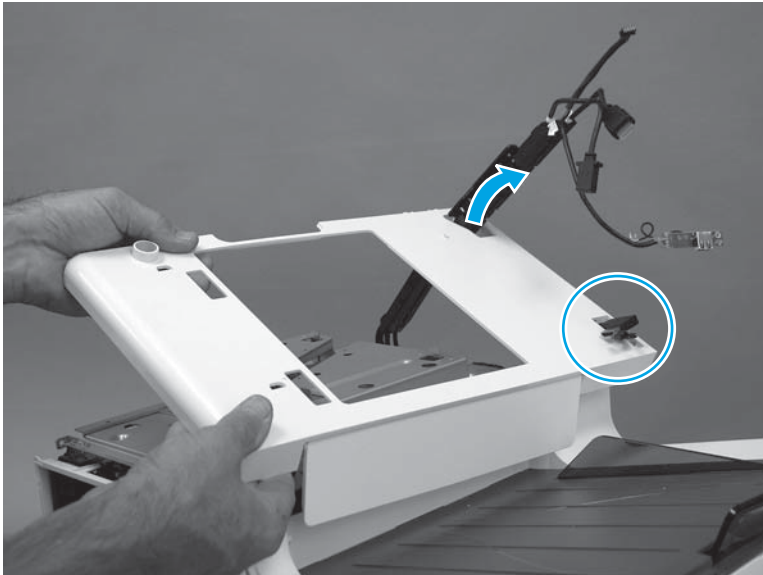
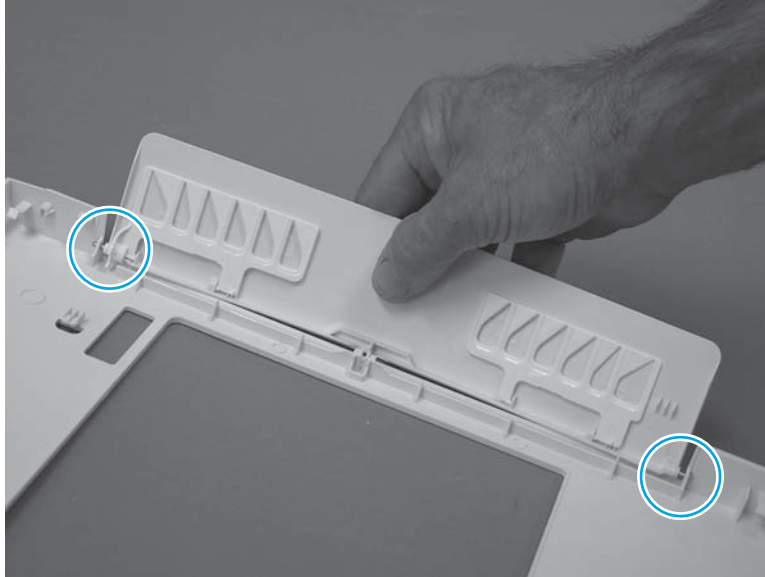
 **NOTE:** Pass the cables, wire harnesses, and the guide through the openings in the cover as it is removed.

Figure 1-239 Remove the top cover (586)



- 10. Optional step:** If a replacement top cover is being installed, remove the output bin flap by flexing the center of the flap to release the right- and left-side hinge pins from the holes in the cover.

Figure 1-240 Remove the output bin flap



Step 8: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

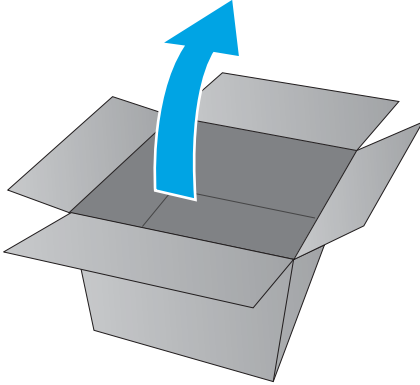
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

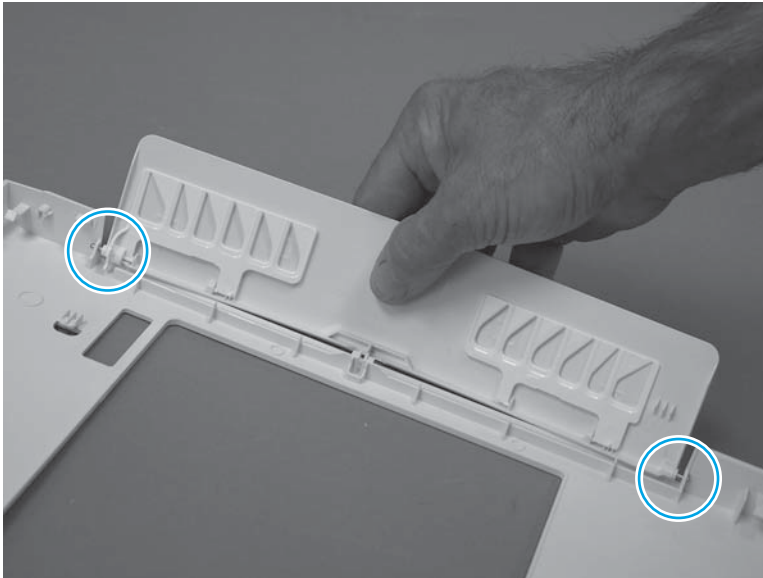
📄 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 9: Install the top cover (586)

1. **Optional step:** If a replacement top cover is being installed, install the output bin flap by flexing the center of the flap and installing the right- and left-side hinge pins in the holes in the cover.

Figure 1-241 Install the output bin flap



2. Position the cover on the printer.


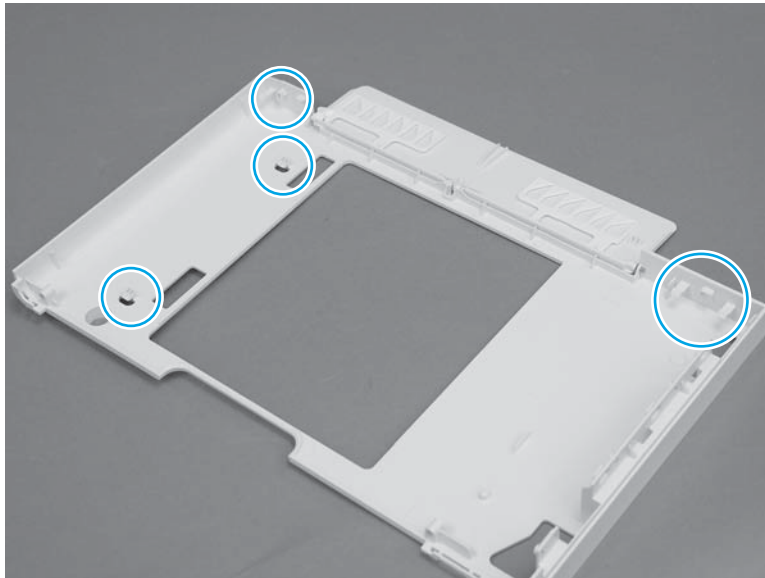
 **NOTE:** Pass the cables, wire harnesses, and the guide through the openings in the cover as it is installed.

Figure 1-242 Install the top cover (586)



3. Before proceeding, take note of the tabs and hooks on the top cover.

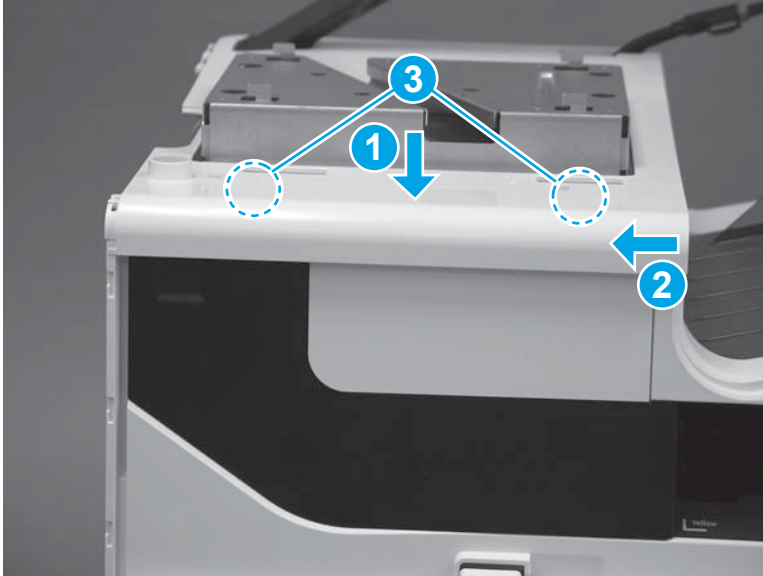
Figure 1-243 Tabs and hooks on the top cover



4. At the front of the printer, slide the cover to the left (callout 1) to engage the tabs and the hooks (callout 2/3).

 **NOTE:** To locate the tabs, see step 3.

Figure 1-244 Engage the cover



5. At the rear of the printer, flex the top cover to the right (callout 1) to engage two tabs (callout 2).


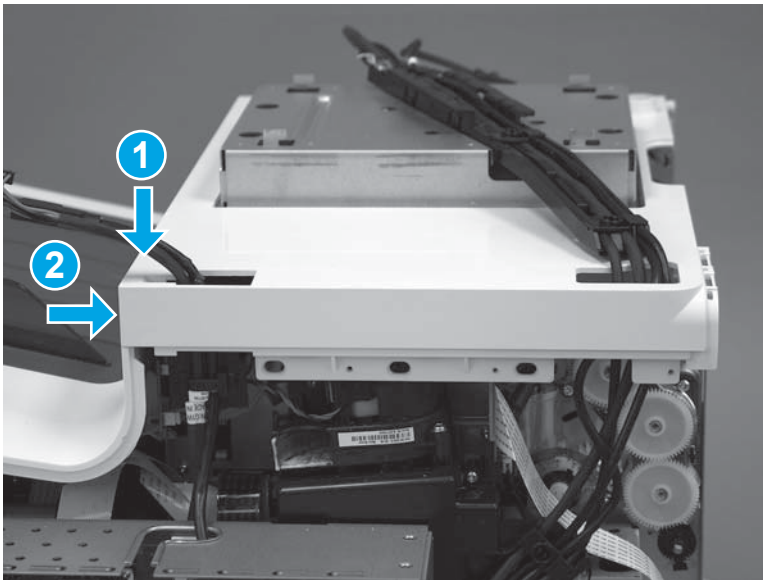
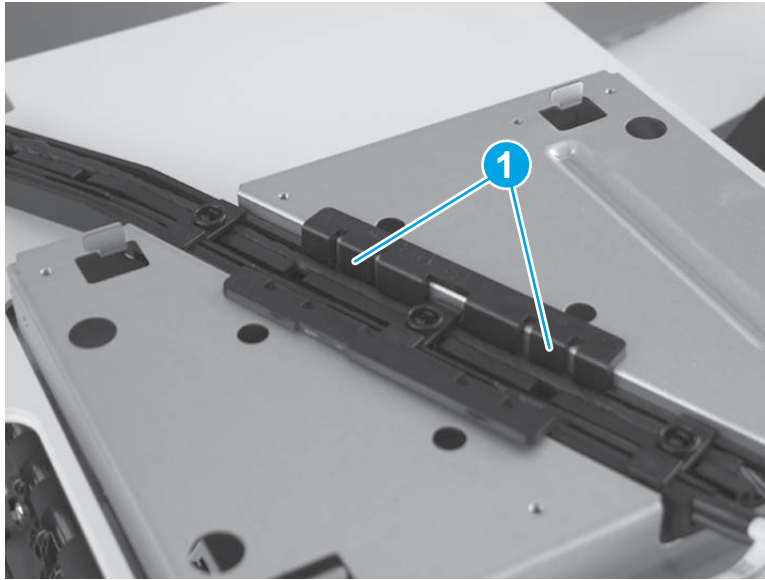
 **NOTE:** To locate the tabs, see step 3.

Figure 1-245 Engage two tabs



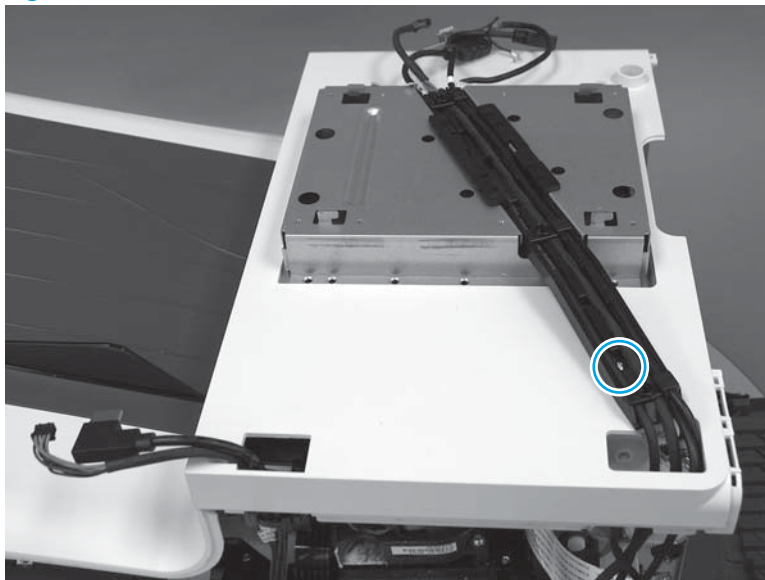
6. Install the guide, and make sure that the two tabs (callout 1) snap into place.

Figure 1-246 Install the guide



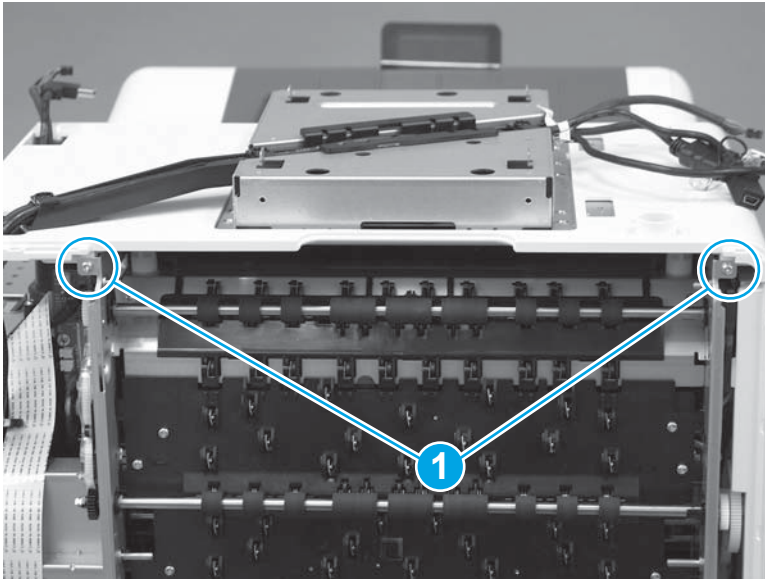
7. Install the guide, and then install one screw.

Figure 1-247 Install one screw



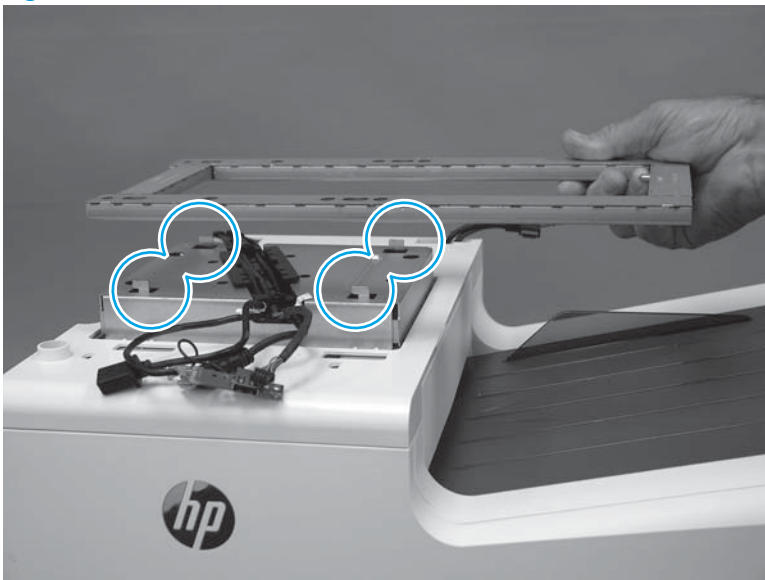
8. On the left side of the printer, install two screws (callout 1).

Figure 1-248 Install two screws



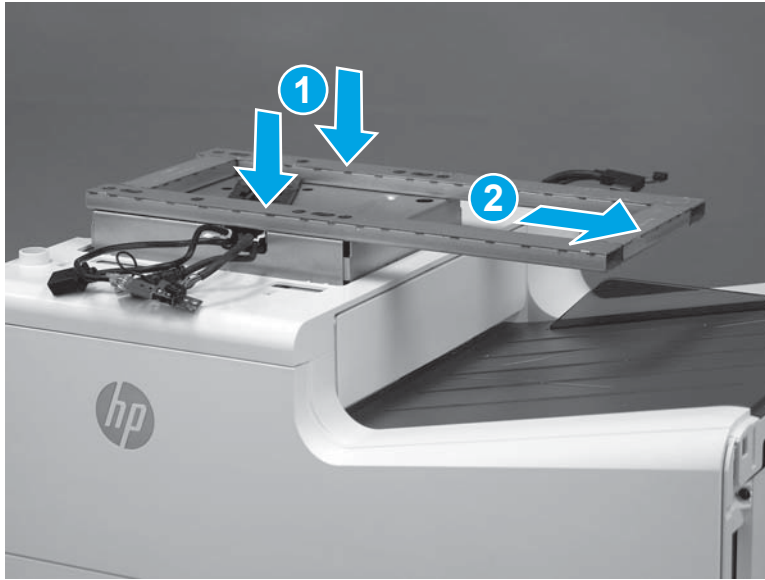
9. Align the slots in the bracket with the hooks on the printer base.

Figure 1-249 Install the bracket



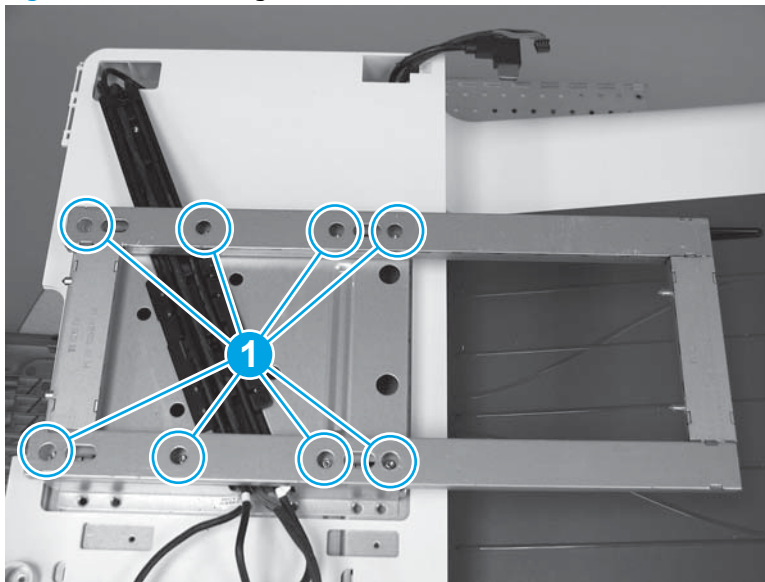
10. Position the bracket on the printer, and then slide the bracket to the right to engage it.

Figure 1-250 Slide the bracket right



11. Install eight screws (callout 1).

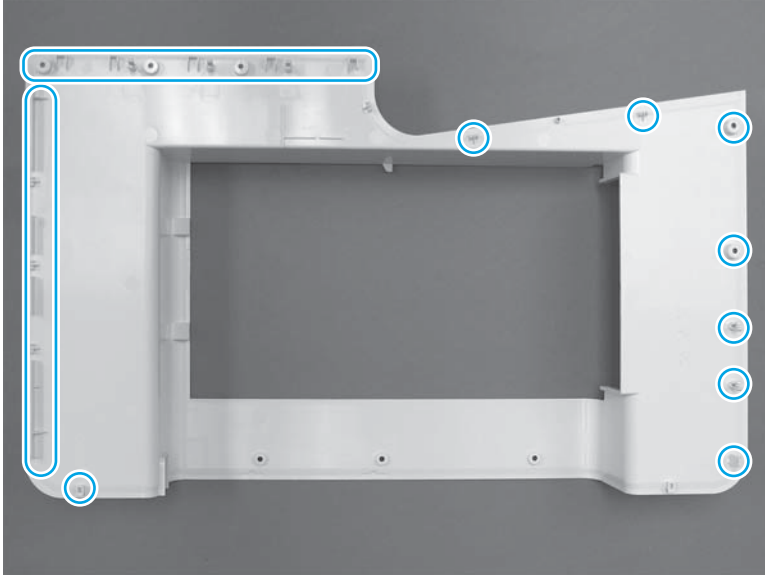
Figure 1-251 Install eight screws



Step 10: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-252 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


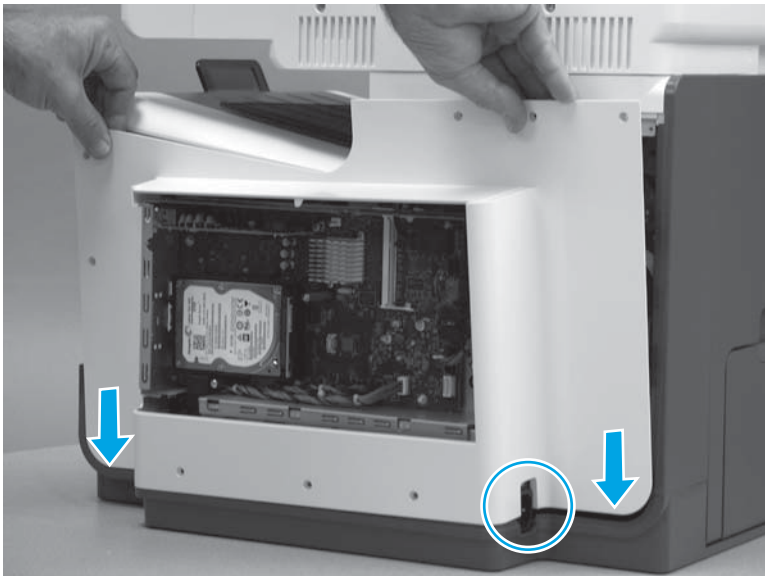
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

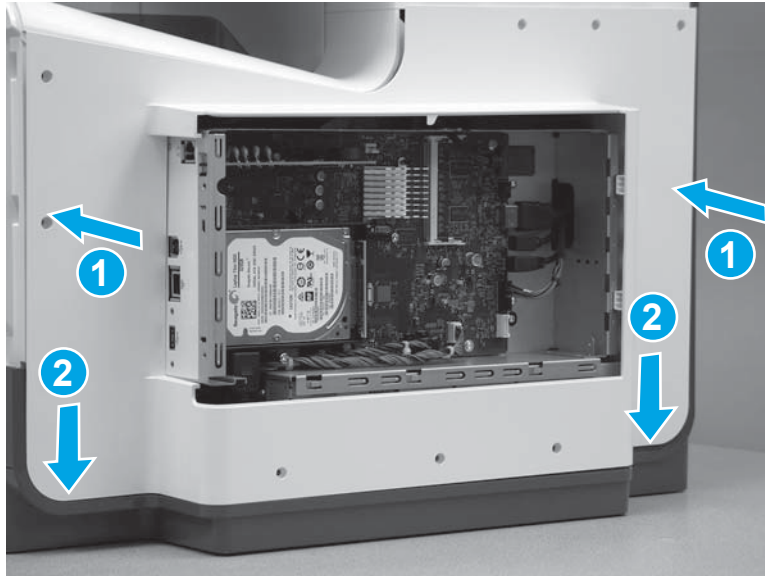
Figure 1-253 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

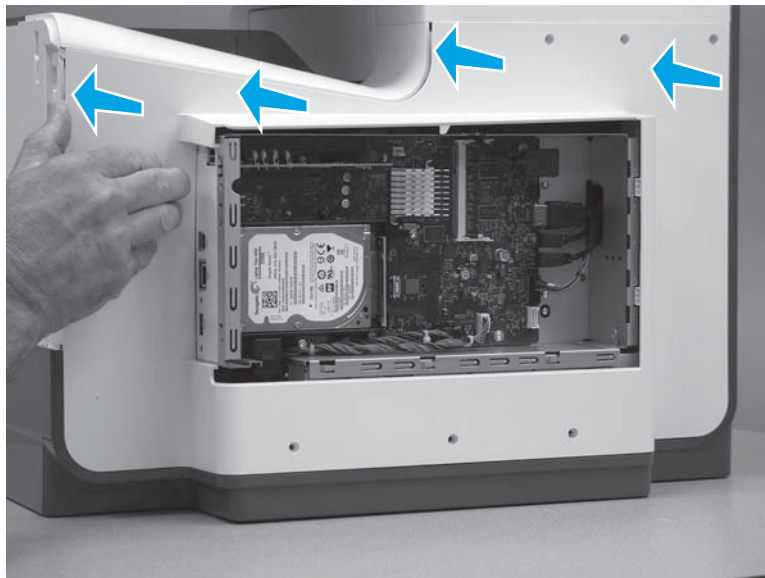
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-254 Engage the sides of the cover



4. Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

Figure 1-255 Release the top edge of the cover



5. Install eight screws (callout 1).


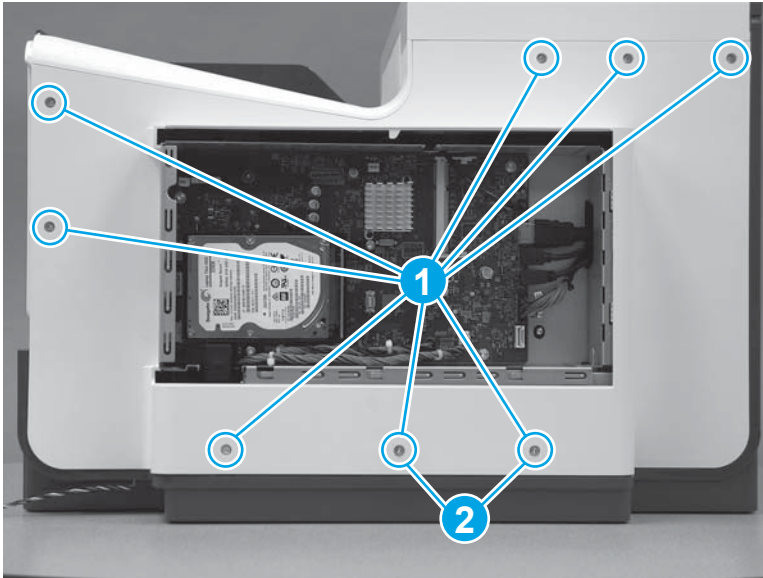
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

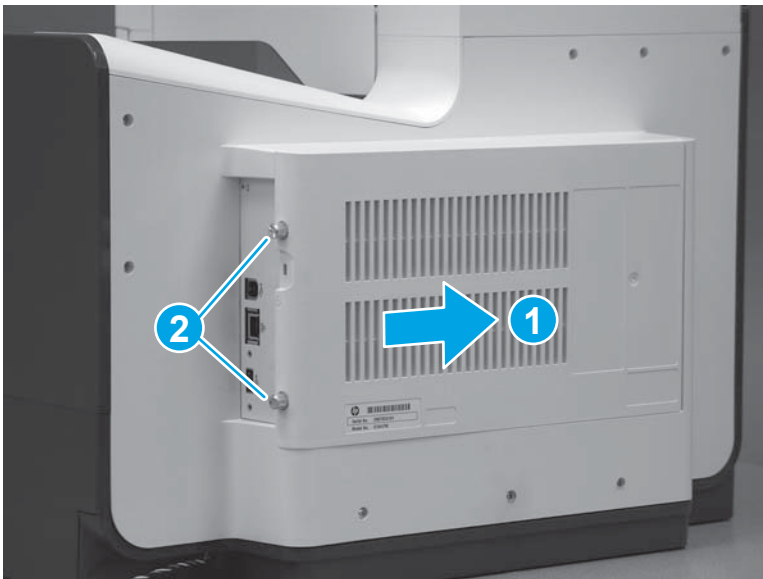
Figure 1-256 Install eight screws



Step 11: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

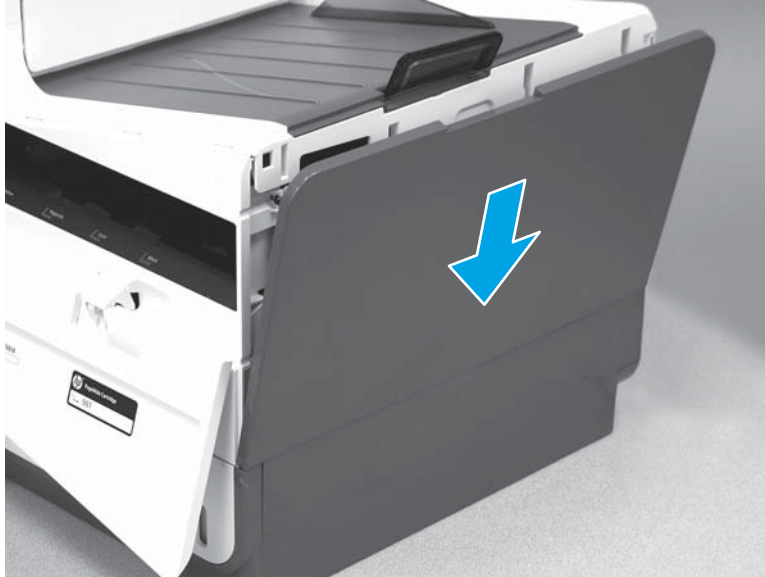
Figure 1-257 Install the formatter cover



Step 12: Install the right cover (outer)

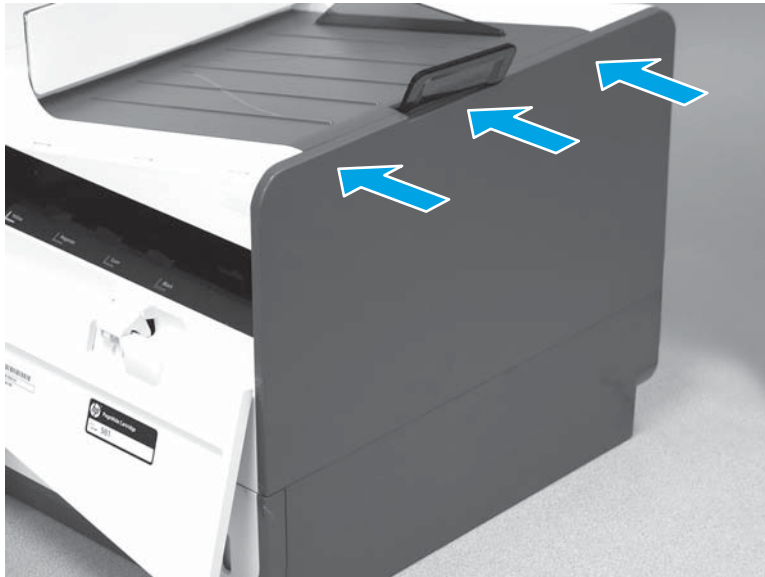
1. Position the bottom edge of the cover on the printer.

Figure 1-258 Position the right cover (outer) on the printer




2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-259 Install the right cover (outer)

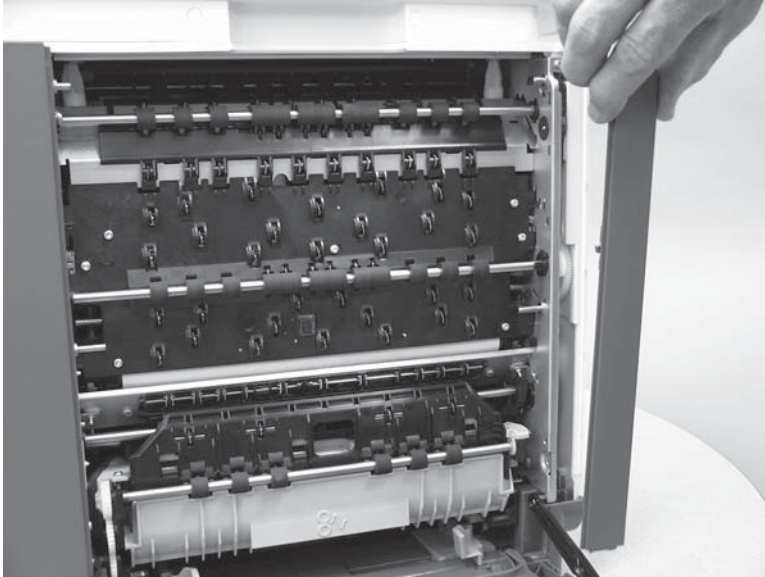


Step 13: Install the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Position the cover on the printer.

Figure 1-260 Install the left front cover

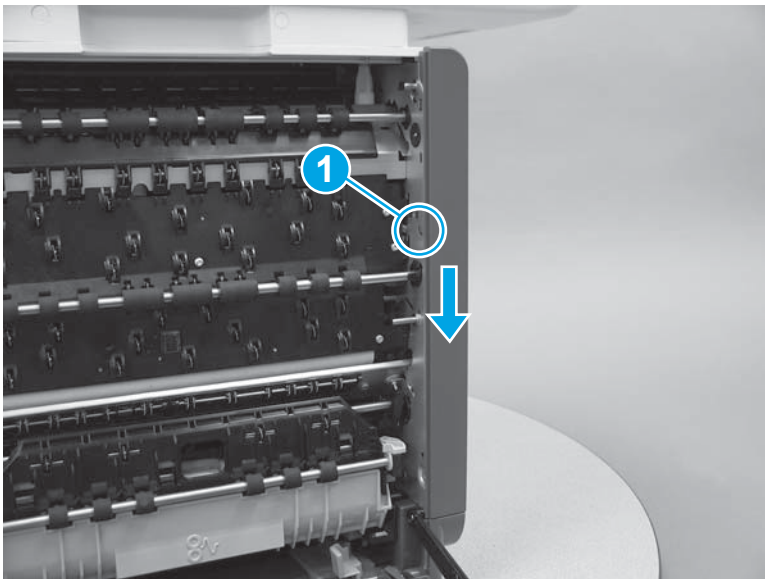


2. Engage the cover by sliding it down about 10 mm (0.4 in).



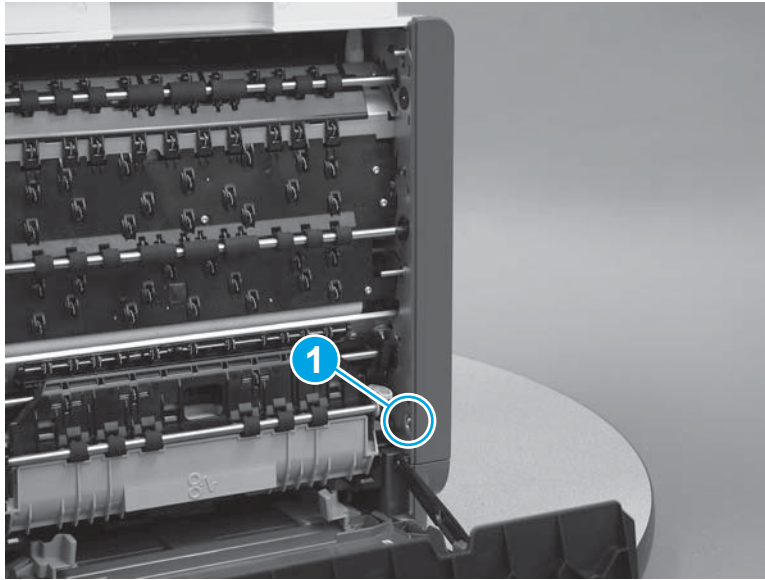
NOTE: Make sure that the tab (callout 1) snaps into place.

Figure 1-261 Engage the cover




3. Install one screw (callout 1).

Figure 1-262 Install one screw

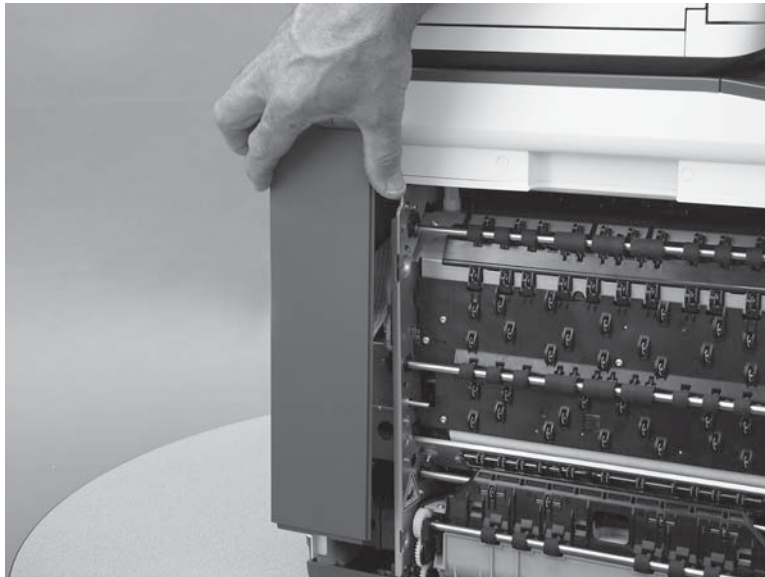


Step 14: Install the left rear cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

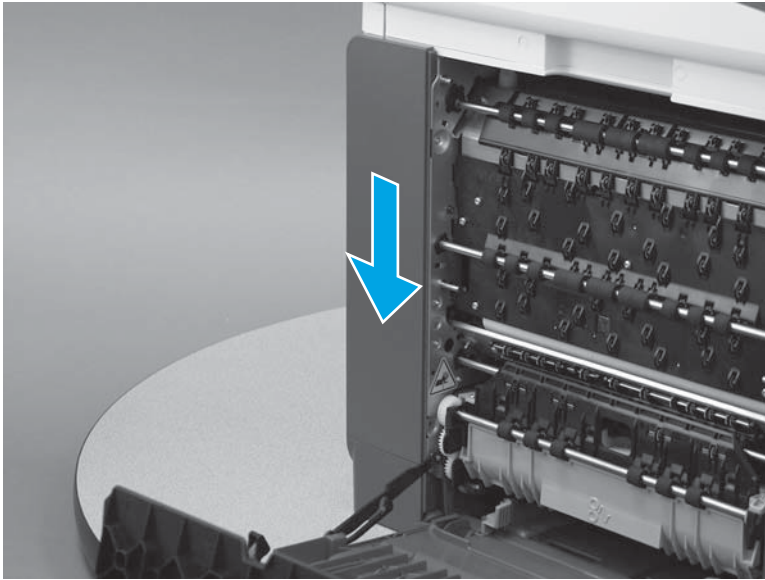
1. Position the cover on the printer.

Figure 1-263 Install the left rear cover



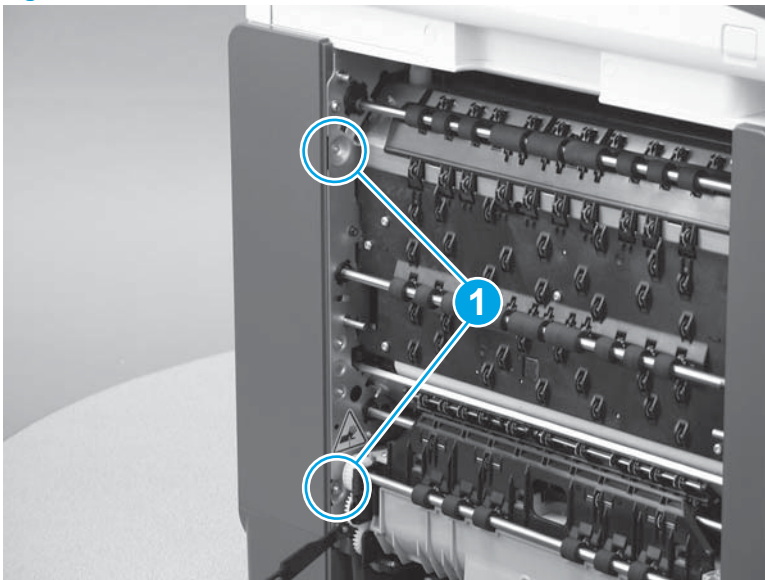
- Engage the cover by sliding it down about 10 mm (0.4 in).

Figure 1-264 Engage the cover




- Install two screws (callout 1).

Figure 1-265 Install two screws



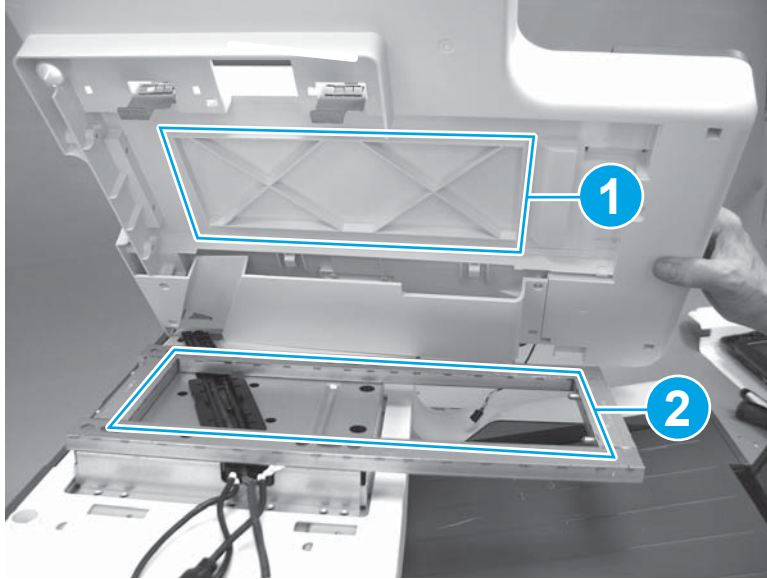
Step 15: Install the integrated scanner assembly (ISA; 586)

 **NOTE:** The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

- Before proceeding, locate the ISA mounting bracket (callout 1) on the bottom of the ISA and the tray (callout 2) on the printer base.

Figure 1-266 Locate the ISA mounting bracket

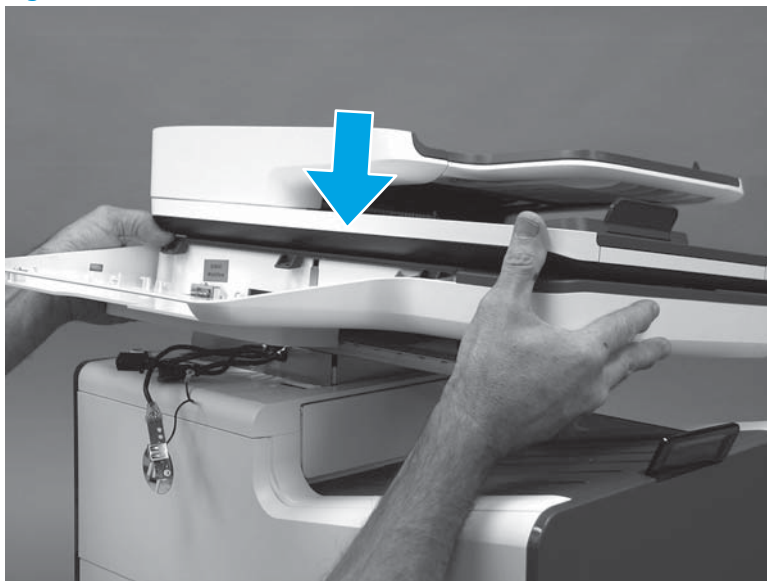


2. Position the ISA on the printer.

CAUTION: The ISA is bulky and heavy. Do not drop the ISA.

IMPORTANT: Keep the front of the ISA tilted up so the cables and wire harness are not damaged.

Figure 1-267 Install the ISA



3. With the front of the ISA tilted up, pass the wire harnesses and cables through the opening in the ISA chassis.

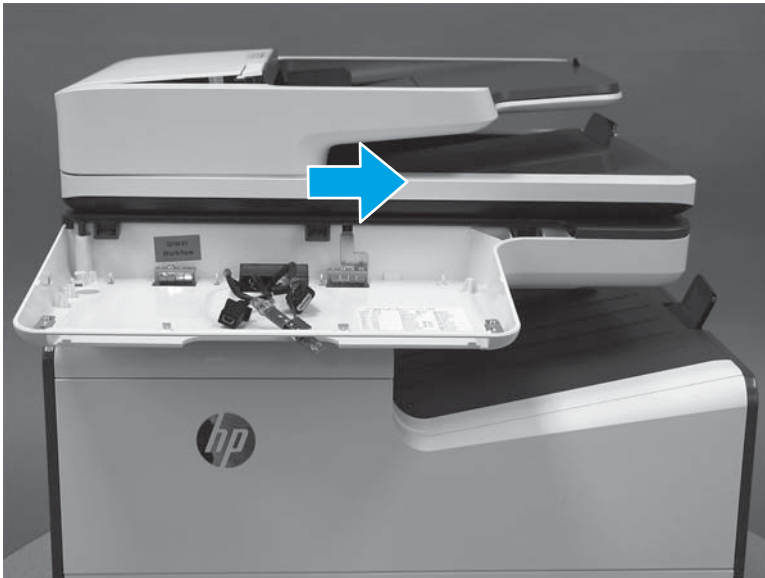
⚠ CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

Figure 1-268 Pass the wire harnesses and cables through the opening



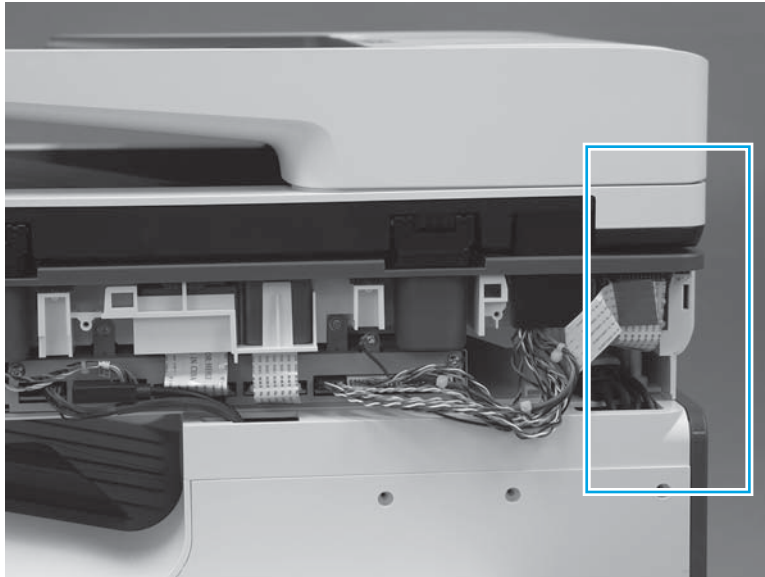
4. Lower the front of the ISA, and then slightly slide it toward the right side of the printer to engage it.

Figure 1-269 Slide the ISA right



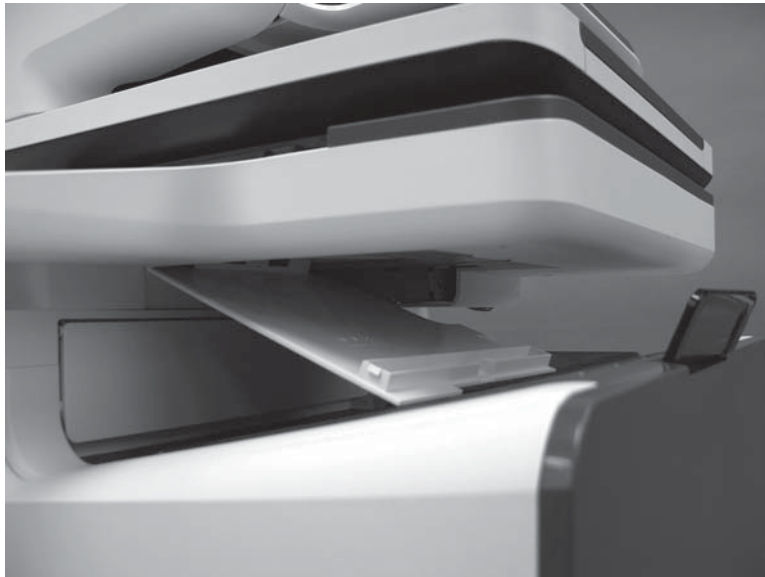
5. Before proceeding, at the back of the printer, look at the alignment of the ISA and printer base to verify that the ISA is fully seated. The edge of the ISA should be in line with the side of the printer base.

Figure 1-270 Check the ISA and printer base alignment



6. Position the scanner base cover on the printer.

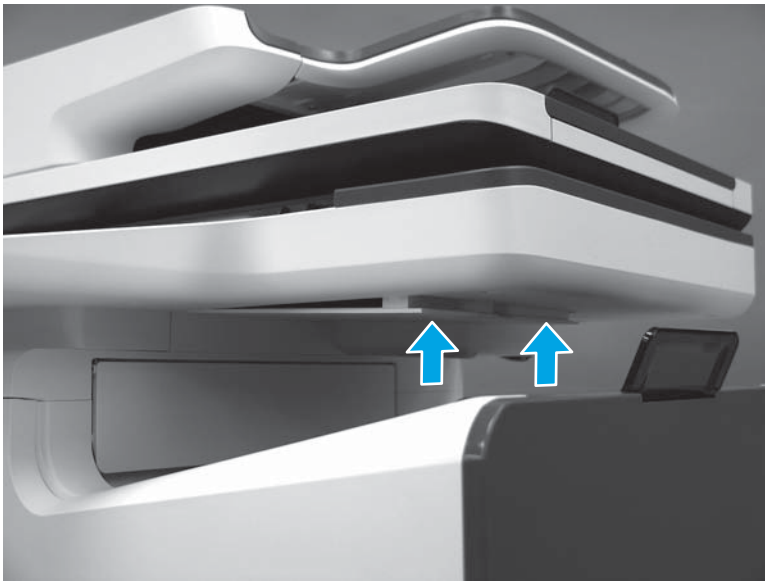
Figure 1-271 Install the scanner base cover



7. Push up on the cover to install it.

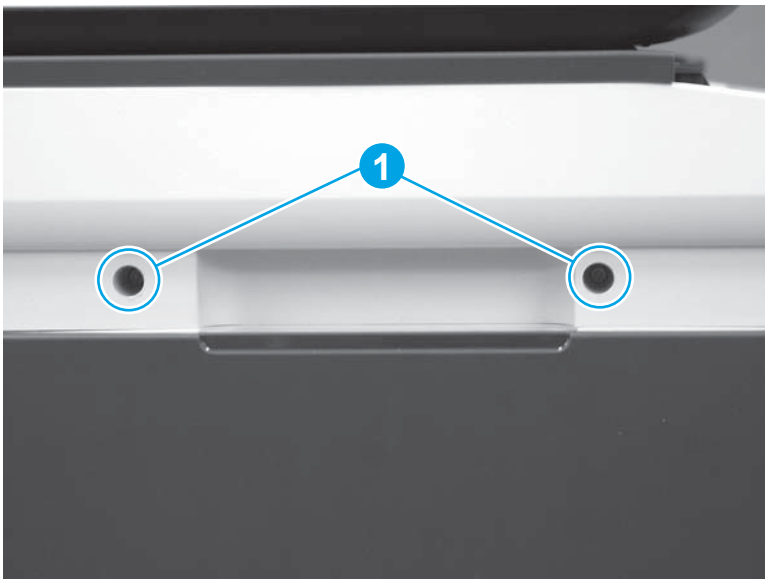
 **NOTE:** Installing the cover might require considerable force to snap it into place

Figure 1-272 Install the cover



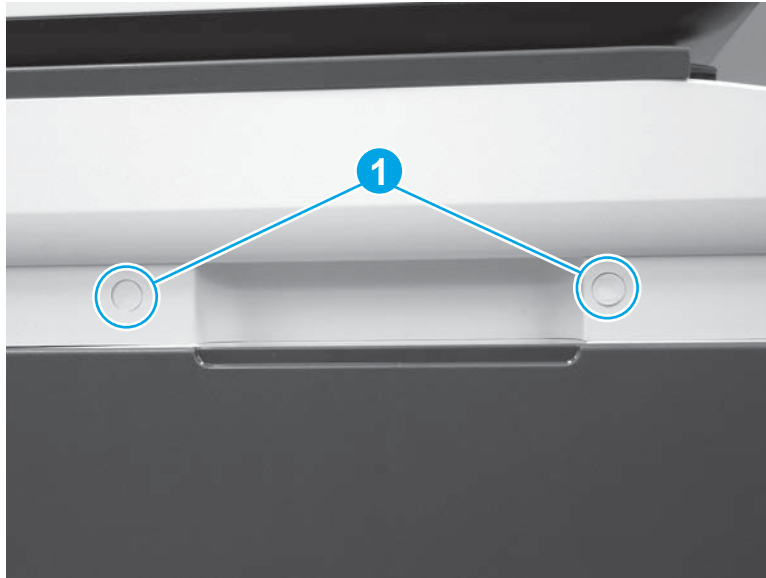
8. At the left side of the printer, install two screws (callout 1).

Figure 1-273 Install two screws



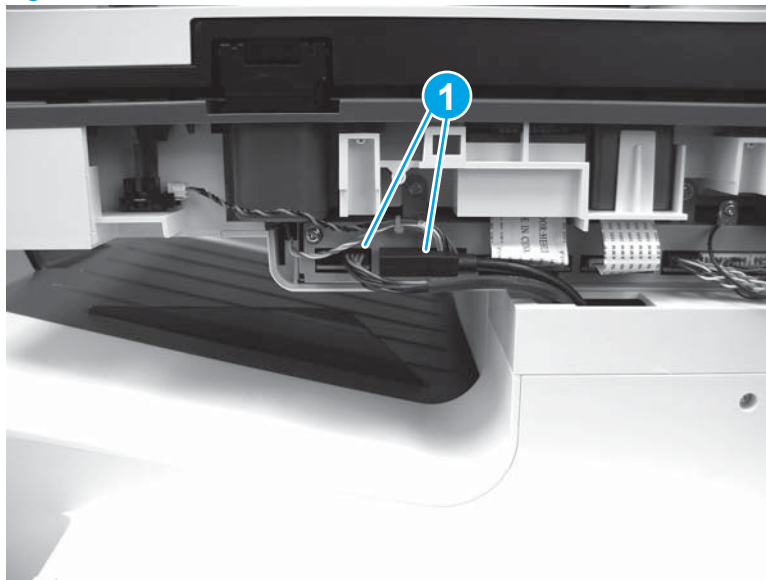
9. Install two white rubber plugs (callout 1).

Figure 1-274 Install two plugs



10. At the rear of the printer, connect two connectors (callout 1) to the SCB.

Figure 1-275 Connect two connectors



11. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-276 Align the tabs on the SCB cover



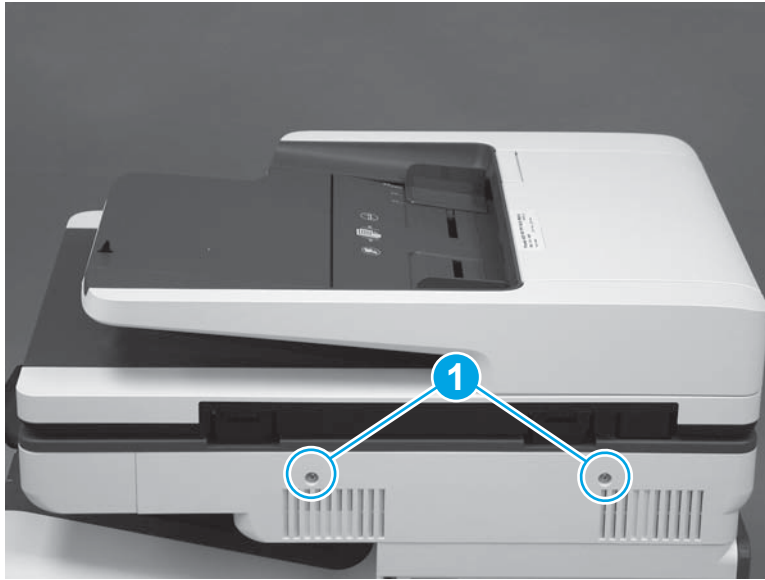
12. Push the cover straight in to install it.

Figure 1-277 Install the SCB cover



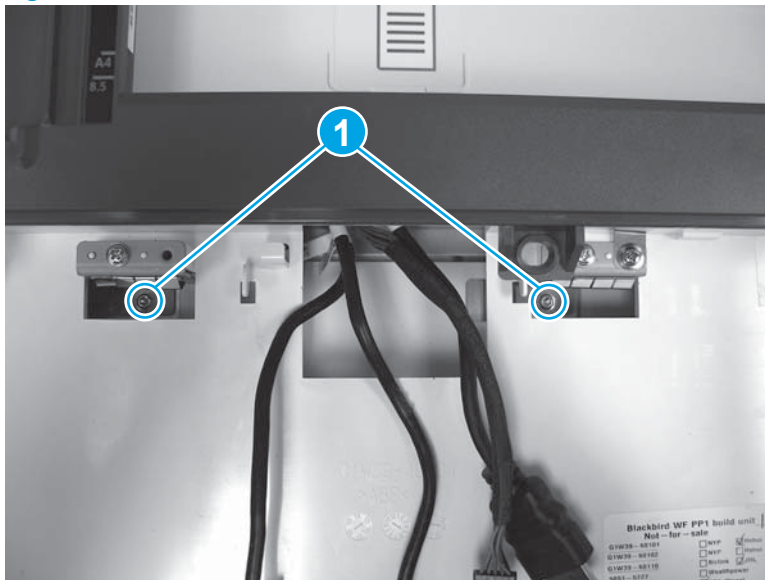
13. Install two screws (callout 1).

Figure 1-278 Install two screws



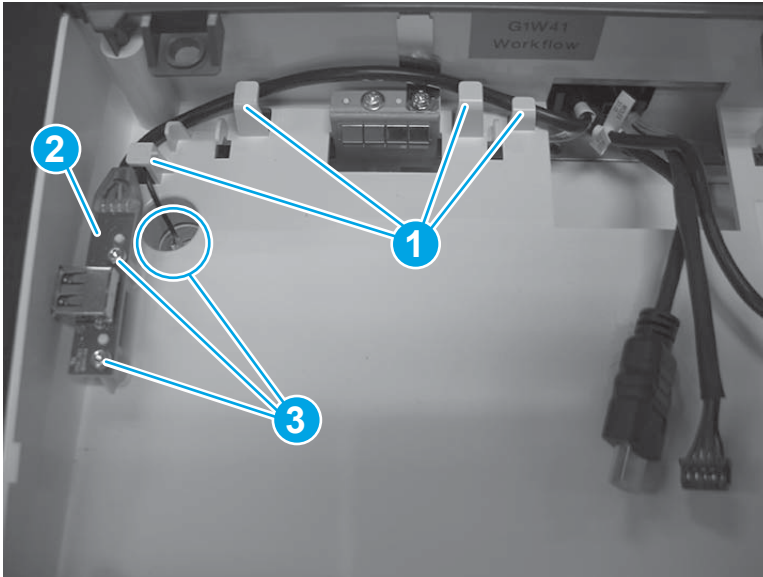
14. At the front of the printer (control panel area), install two screws (callout 1).

Figure 1-279 Install two screws



15. Install the cable in the retainers (callout 1), position the USB on the mounting bosses (callout 2), and then install three screws (callout 3).

Figure 1-280 Install the USB port PCA



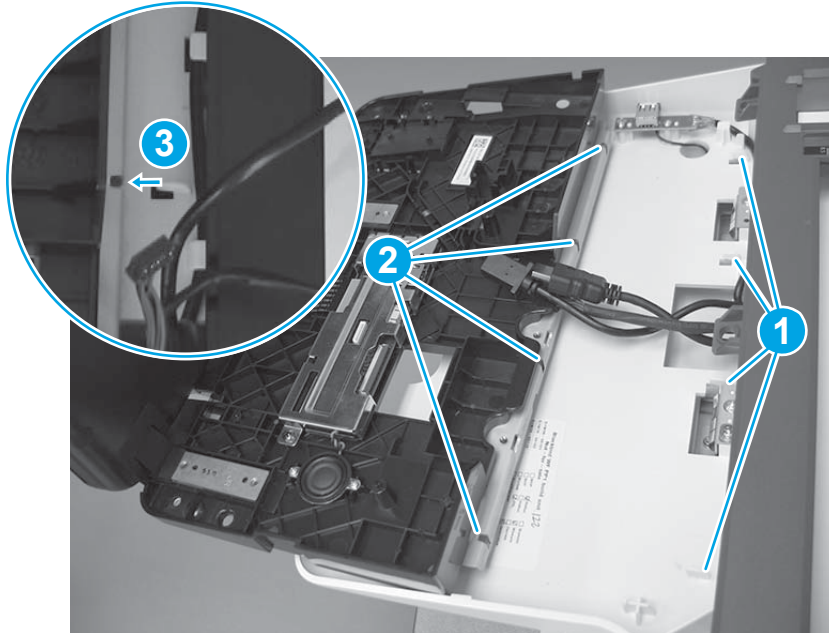
16. Install the USB port cover.

Figure 1-281 Install the USB port cover



17. Locate the four hooks on the ISA chassis (callout 1) and the matching slots in the control-panel base (callout 2). The hooks fit into the slots (callout 3) when the assembly is installed.

Figure 1-282 Locate the control-panel mounting hooks and slots



18. Position the rear edge of the control panel in the ISA chassis (callout 1), and then lower the front of the assembly down (callout 2).


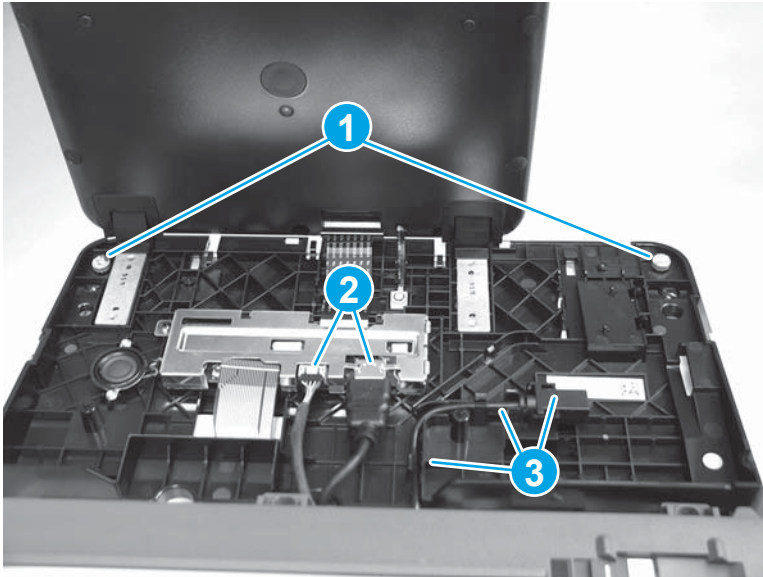
 **NOTE:** Make sure that the hooks on the ISA chassis are engaged in the slots of the control-panel base (see step 17).

Figure 1-283 Install the control panel



19. Install two thumbscrews (callout 1), connect one HDMI cable and one connector (callout 2), and then install the USB cable in the holder and retainers (callout 3).

Figure 1-284 Install thumbscrews and connect connectors



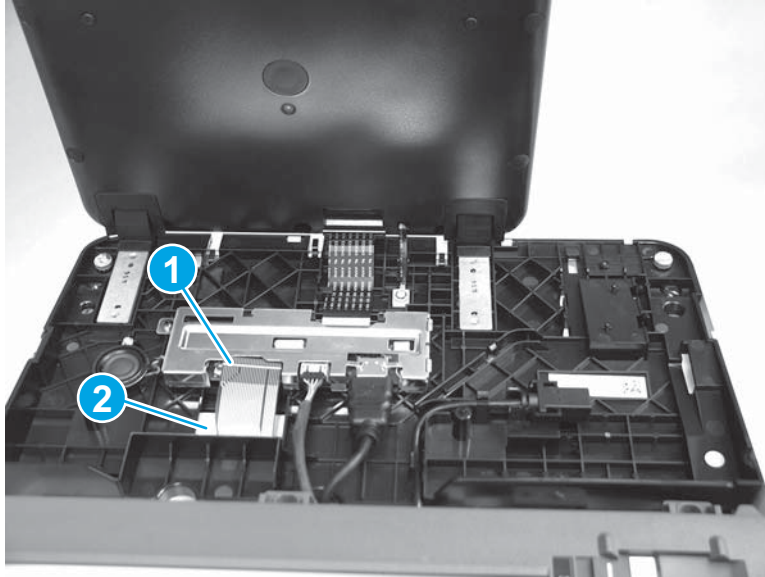
20. **586z only:** Install the keyboard, and then slide it in until it stops.

Figure 1-285 Install the keyboard (586z)



- 21. 586z only:** As the keyboard is installed, pass the flat cable (callout 1) through the opening (callout 2) in the control-panel base.

Figure 1-286 Pass the flat cable through the opening



- 22. 586z only:** Insert the Flat cable in the connector, and then close the latch.


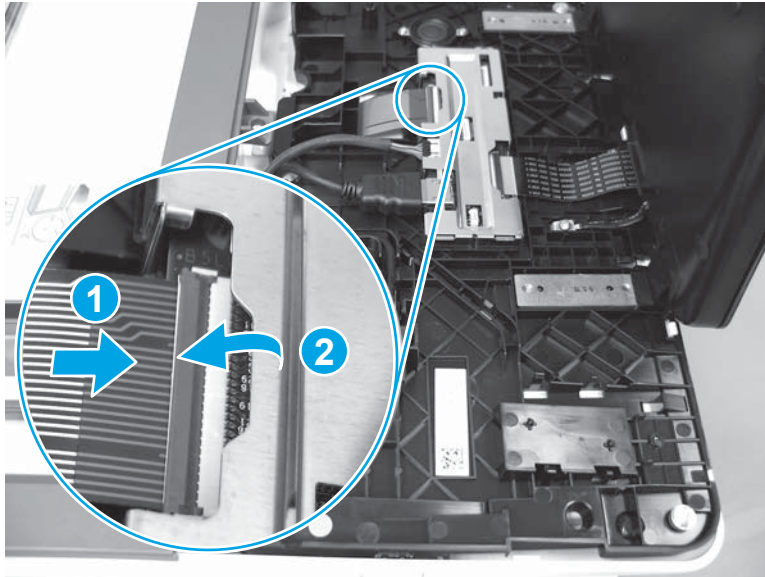
 **TIP:** When the flat cable is correctly inserted in the connector, the white line on the flat cable is parallel to the connector body.

Figure 1-287 Connect the keyboard cable (586z)



23. Position the control-panel cover on the control panel.

Figure 1-288 Install the cover



24. Beginning at the right side of the control-panel cover, carefully push down along the top edge of the cover to engage the bosses.


 **NOTE:** If the right- and left-side bosses are not fully engaged, push down along the edge of the cover to fully seat them.

Figure 1-289 Install the control-panel cover



25. Position the small gray plastic cover in the slot under the control panel, and then push it straight in to install it.

Figure 1-290 Install the cover



Removal and replacement: Front cover

- [Introduction](#)
- [Step 1: Removal the control panel \(556\)](#)
- [Step 2: Remove the integrated scanner assembly \(ISA\) \(586\)](#)
- [Step 3: Remove the left-rear top cover cap \(556\)](#)
- [Step 4: Remove the left rear cover](#)
- [Step 5: Remove the left-front top cover cap \(556\)](#)
- [Step 6: Remove the left front cover](#)
- [Step 7: Remove the right cover \(outer\)](#)
- [Step 8: Remove the formatter cover](#)
- [Step 9: Remove the rear cover](#)
- [Step 10: Remove the top cover \(556\)](#)
- [Step 11: Remove the top cover \(586\)](#)
- [Step 12: Removal the front cover](#)
- [Step 13: Unpack the replacement assembly](#)
- [Step 14: Install the front cover](#)
- [Step 15: Install the top cover \(586\)](#)
- [Step 16: Install the top cover \(556\)](#)
- [Step 17: Install the rear cover](#)
- [Step 18: Install the formatter cover](#)
- [Step 19: Install the right cover \(outer\)](#)
- [Step 20: Install the left front cover](#)
- [Step 21: Install the left-front top cover cap \(556\)](#)
- [Step 22: Install the left rear cover](#)
- [Step 23: Install the left-rear top cover cap \(556\)](#)
- [Step 24: Install the integrated scanner assembly \(ISA\) \(586\)](#)
- [Step 25: Install the control panel \(556\)](#)


Introduction

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

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.

Front cover part number	
G1W39-67918	Front cover

Required tools

- Small flat-blade screwdriver.
- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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 are available for this assembly.

Step 1: Removal the control panel (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 2: Remove the integrated scanner assembly \(ISA\) \(586\) on page 208](#).

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

Figure 1-291 Tilt the control panel up



2. Insert a small flat-blade screwdriver into the notch in the cover, and then carefully pry up the cover to release it. Remove the cover.

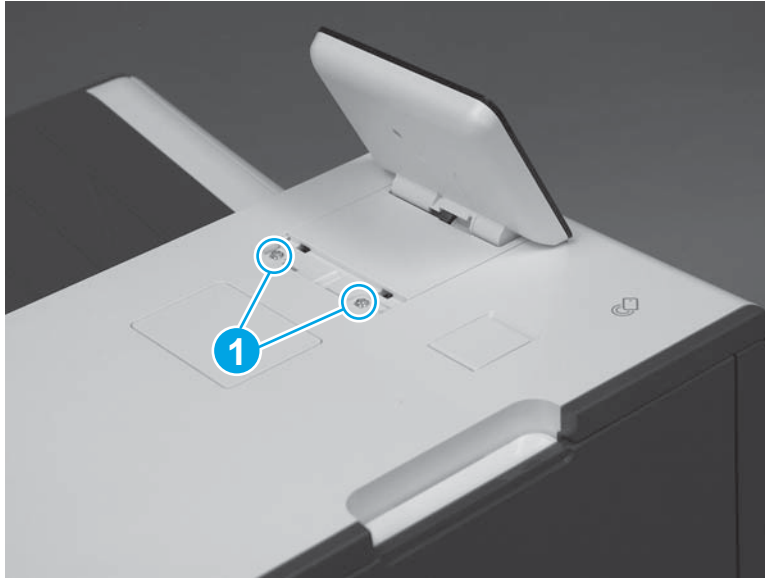
Figure 1-292 Release two tabs



3. Remove two # 10 torx screws (callout 1).

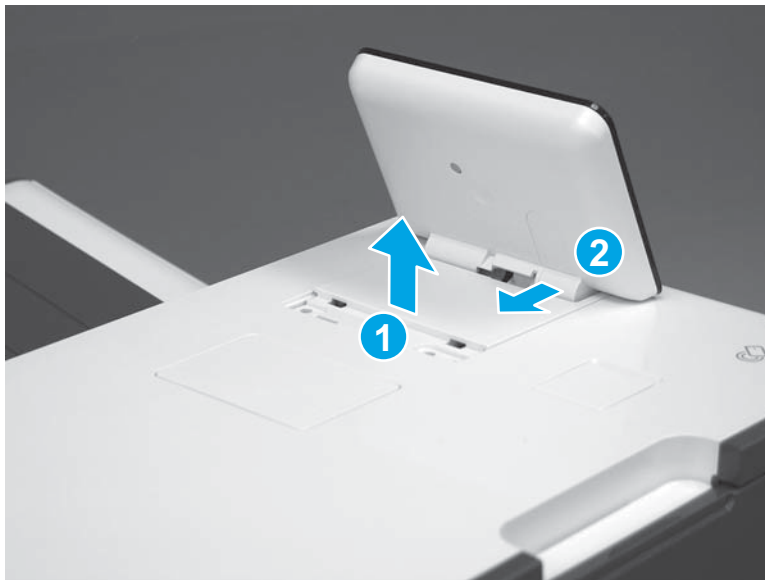
CAUTION: Store the screws in a secure place where they cannot fall down into the printer.

Figure 1-293 Remove two screws



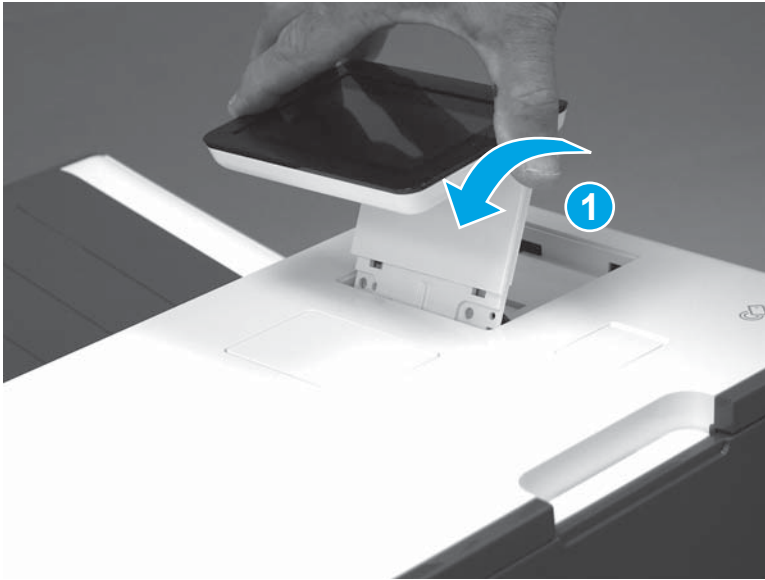
4. Lift up the rear edge of the control panel (callout 1), and then slightly slide it toward the rear of the printer (callout 2) to release the front tabs.

Figure 1-294 Release the control panel over



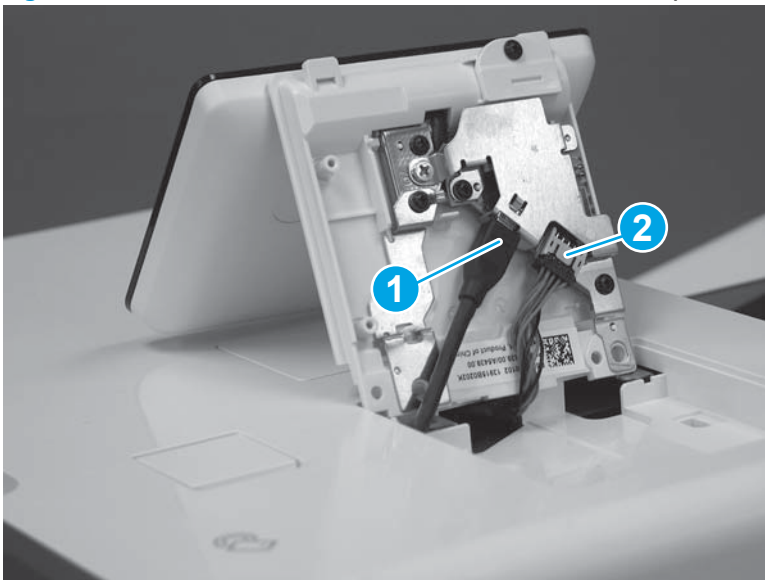
5. Turn the control panel over (callout 1), to gain access to the bottom side.

Figure 1-295 Turn the control panel over





6. Disconnect one HDMI cable (callout 1) and one connector (callout 2), and then remove the control panel.

Figure 1-296 Disconnect connectors and remove the control panel



Step 2: Remove the integrated scanner assembly (ISA) (586)

 **NOTE:** This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 3: Remove the left-rear top cover cap \(556\) on page 220.](#)

 **NOTE:** The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

1. If the control panel is in the down position, tilt it up to the fully raised position, and then open the document feeder.

Figure 1-297 Tilt the control panel up



2. Use a small flat blade screwdriver to release the small gray plastic cover under the control panel.

Figure 1-298 Release the small gray plastic cover



3. Remove the cover.

Figure 1-299 Remove the cover



4. Beginning at the left side of the control-panel cover, carefully release three bosses along the top edge of the cover.

Figure 1-300 Release three bosses



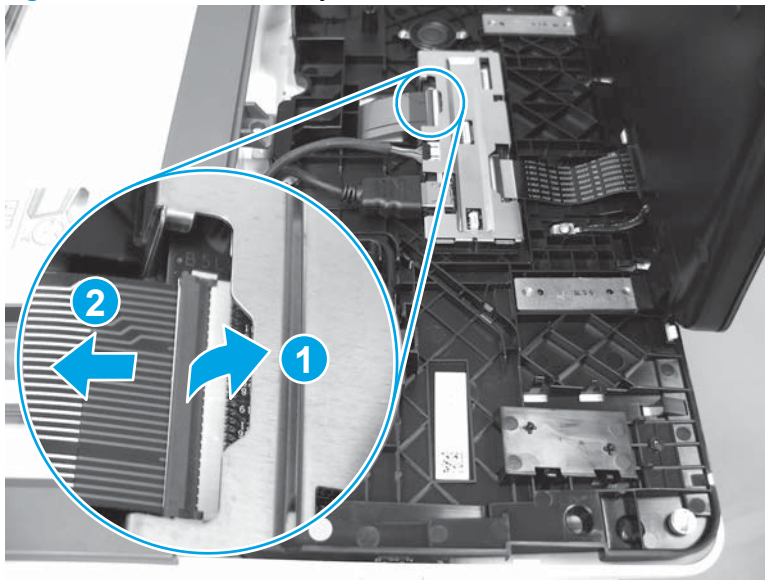
5. Lift up on the cover to release the right- and left-side bosses, and then remove the cover.

Figure 1-301 Remove the control-panel cover



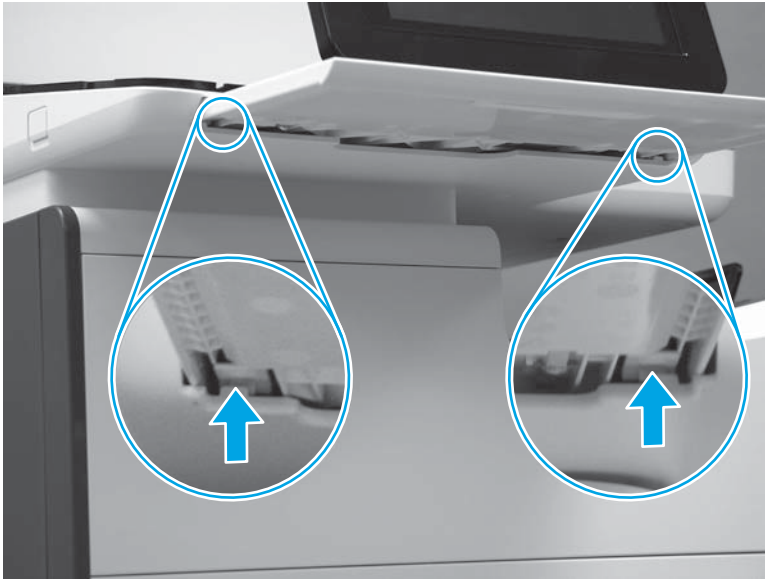
6. **586z only:** Open the connector latch to release the keyboard flat cable.

Figure 1-302 Release the keyboard cable (586z)



- 7. 586z only:** Slide the keyboard out until it stops, and then release two tabs on the keyboard.

Figure 1-303 Release two tabs (586z)



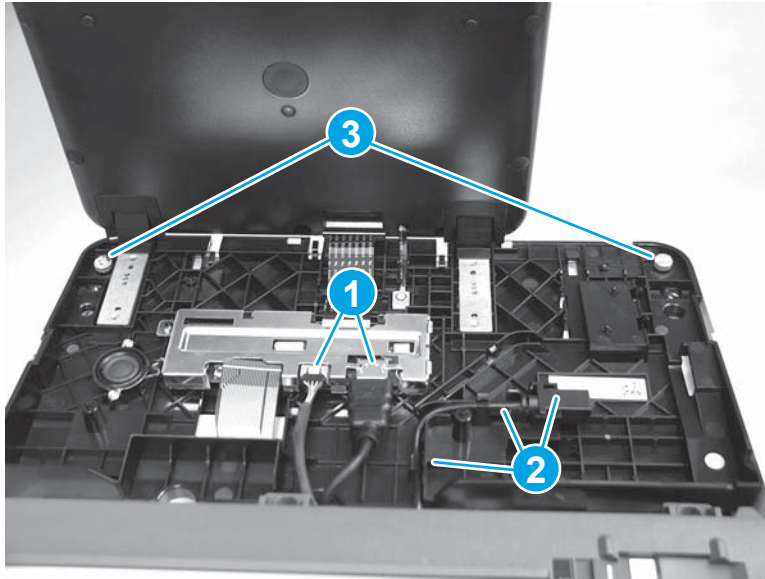
- 8. 586z only:** Remove the keyboard.

Figure 1-304 Remove the keyboard (586z)



9. Disconnect one HDMI cable and one connector (callout 1), release the USB cable from the holder and retainers (callout 2), and then remove two thumbscrews (callout 3).

Figure 1-305 Disconnect connectors and remove thumbscrews



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

Figure 1-306 Remove the control panel



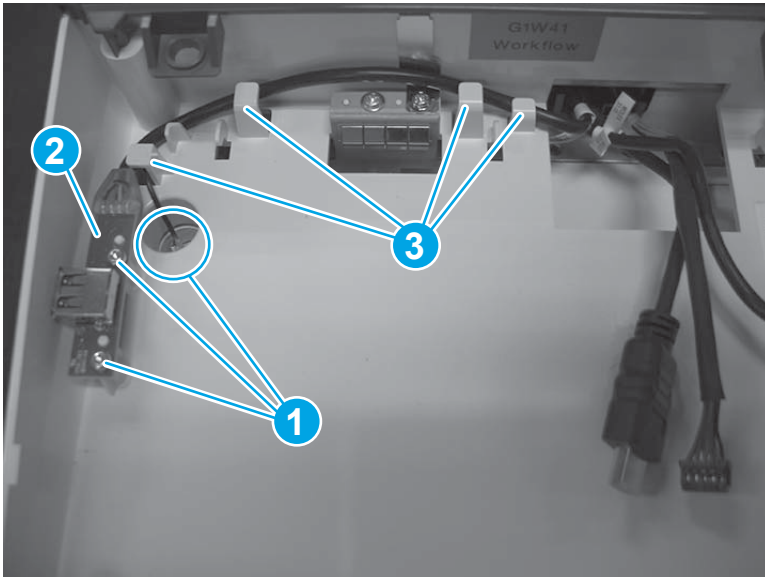
11. Remove the USB port cover.

Figure 1-307 Remove the USB port cover



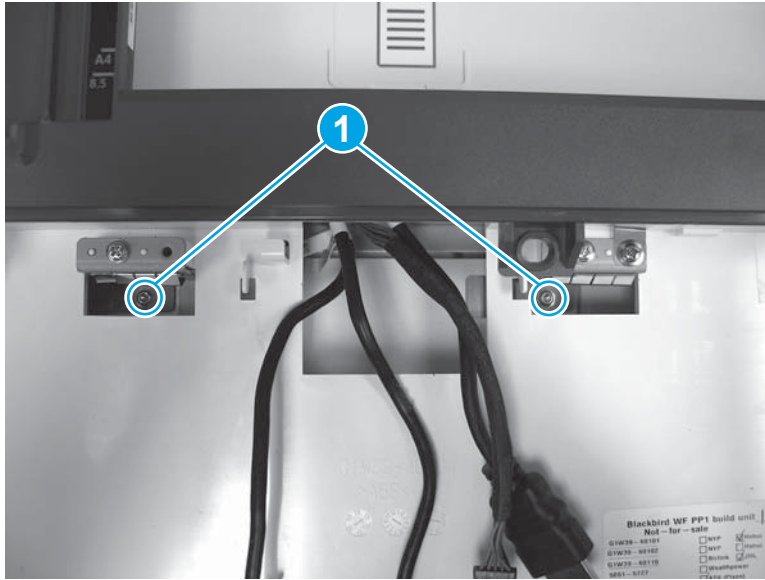
12. Remove three screws (callout 1) to release the USB port PCA (callout 2), and then release the cable from the retainers (callout 3).

Figure 1-308 Remove screws and release the cable



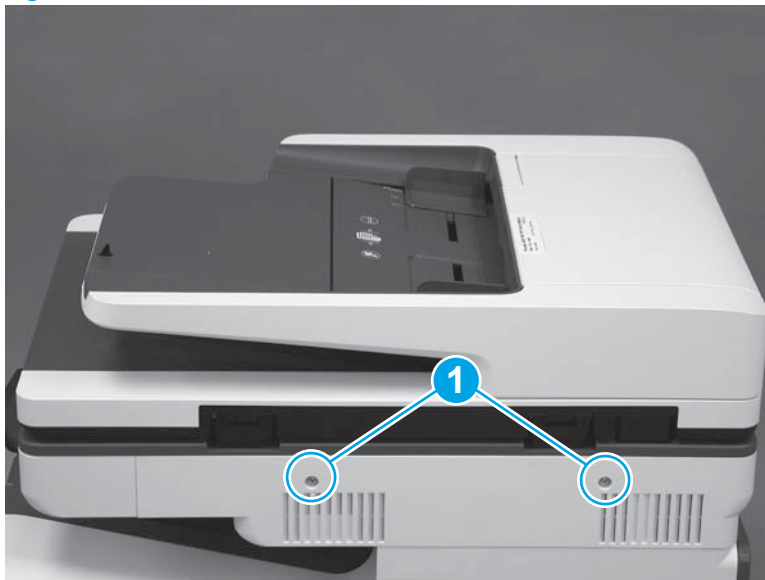
13. Remove two screws (callout 1).

Figure 1-309 Remove two screws



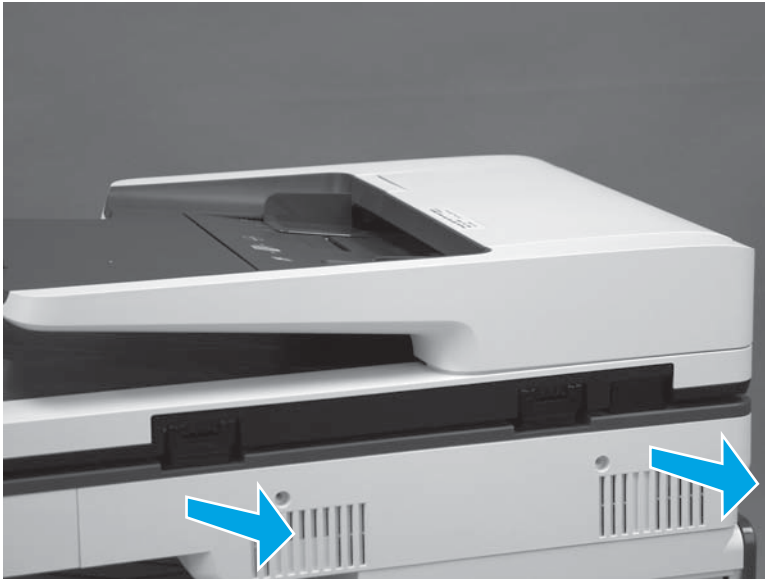
14. At the back of the printer, remove two screws (callout 1).

Figure 1-310 Remove two screws



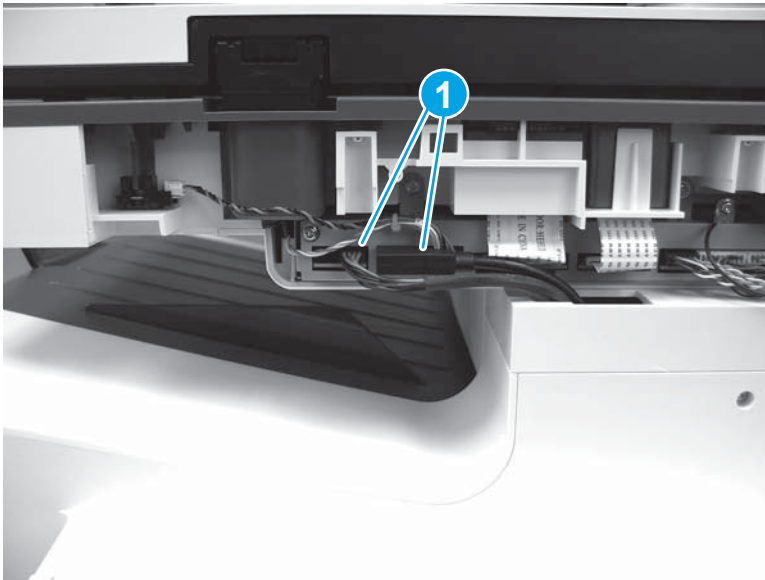
15. Pull the scanner control board (SCB) cover straight off the printer to remove it.

Figure 1-311 Remove the SCB cover



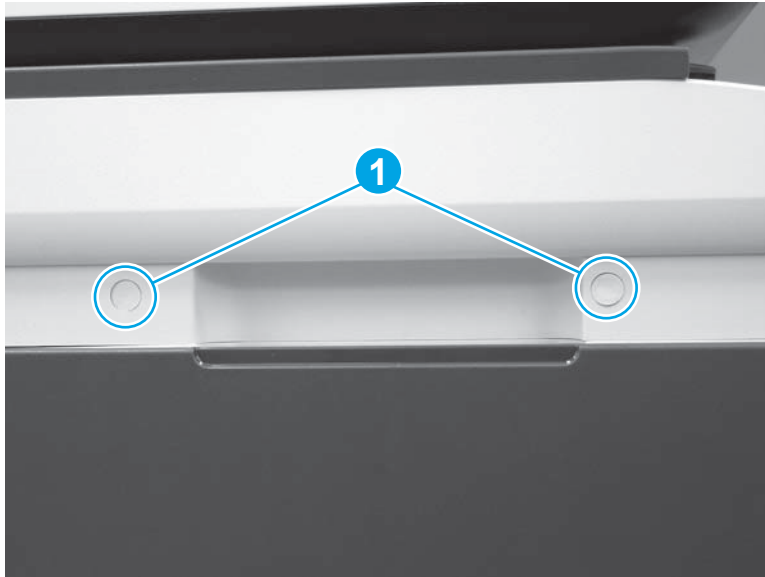
16. At the left end of the SCB, disconnect two connectors (callout 1).

Figure 1-312 Disconnect two connectors



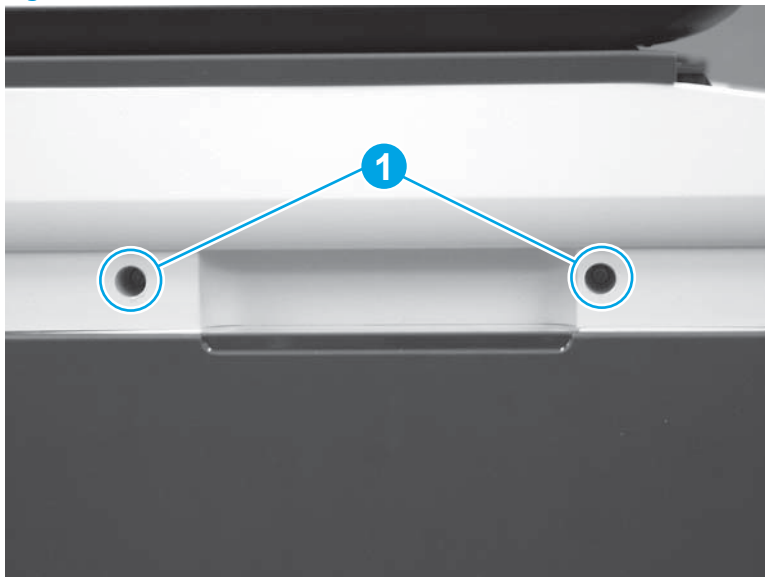
17. At the left side of the printer, use a small flat blade screwdriver to carefully remove two white rubber plugs (callout 1).

Figure 1-313 Remove two plugs



18. Remove two screws (callout 1).

Figure 1-314 Remove two screws



19. Use a flat blade screwdriver to release the scanner base cover.


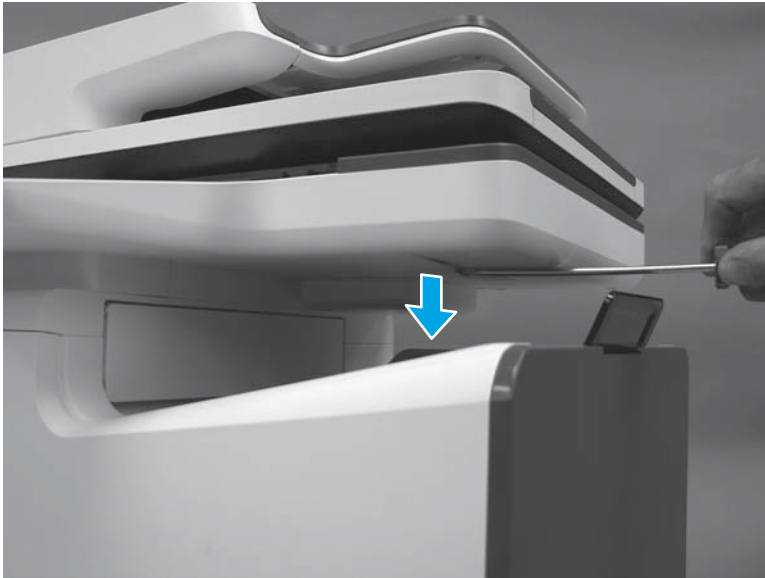
 **NOTE:** Use a screwdriver with at least a 152 mm (6 in) shaft to release the cover. This cover can be difficult to remove and might require some force to release it from the ISA.

Figure 1-315 Release the cover



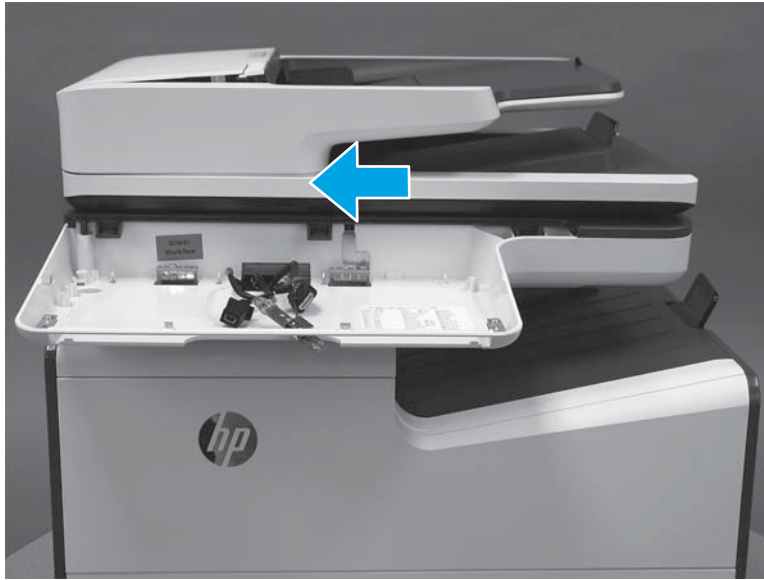
20. Remove the cover.

Figure 1-316 Remove the scanner base cover



21. Slightly slide the ISA toward the left side of the printer to release it.

Figure 1-317 Slide the ISA left



22. Slightly lift the front of the ISA up, and then pass the wire harnesses and cables through the opening in the ISA chassis.

CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

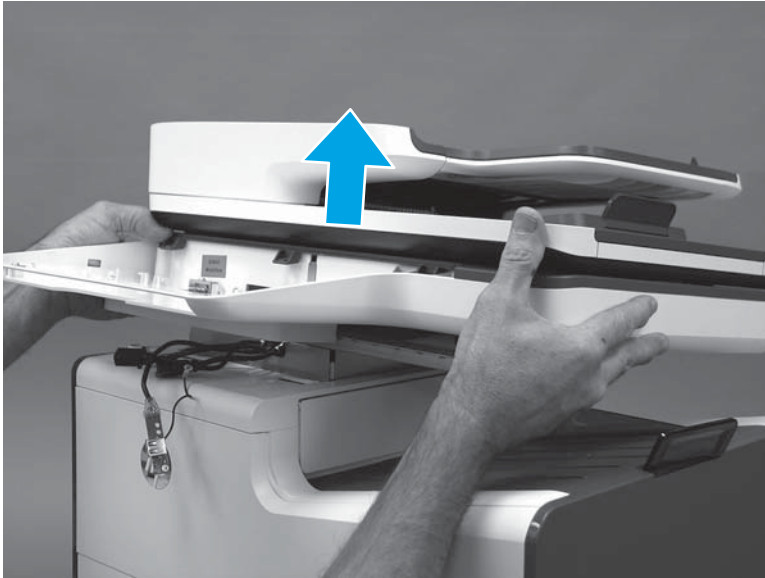
Figure 1-318 Pass the wire harnesses and cables through the opening



23. Lift the ISA straight up and off of the printer base to remove it.

CAUTION: The ISA is bulky and heavy. Do not drop the ISA.

Figure 1-319 Remove the ISA



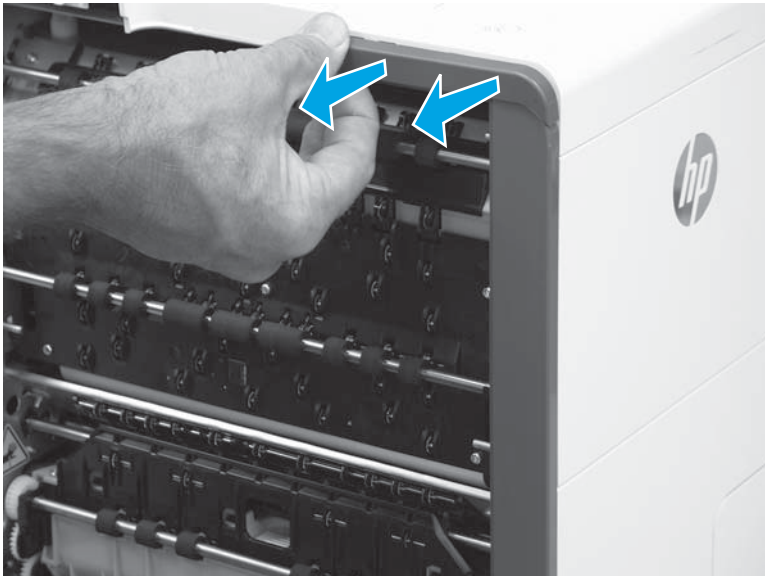
Step 3: Remove the left-rear top cover cap (556)

NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 4: Remove the left rear cover on page 221](#).


- ▲ Open the left door, and then carefully pull the cover off of the printer.

TIP: It might be easier to remove the cover off by using a small flat-blade screwdriver.

Figure 1-320 Remove left-front top cover cap (556)

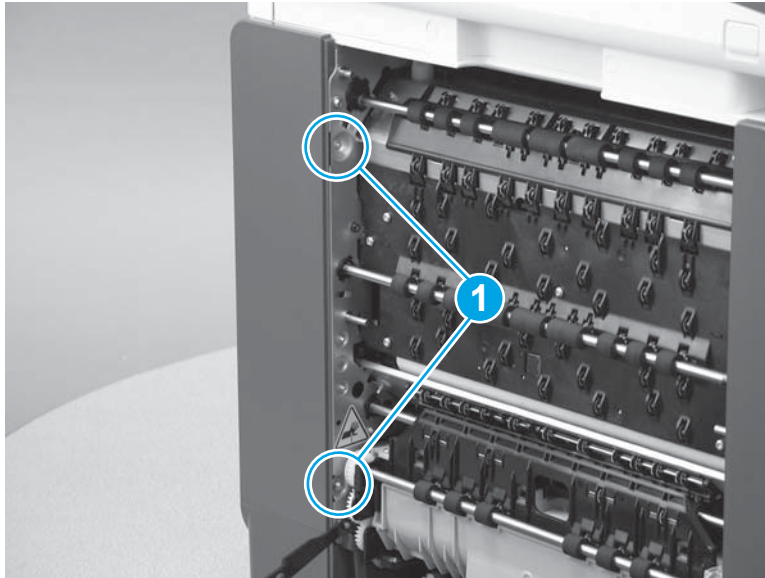


Step 4: Remove the left rear cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove two screws (callout 1).

Figure 1-321 Remove two screws



2. Release the cover by sliding it up about 10 mm (0.4 in).


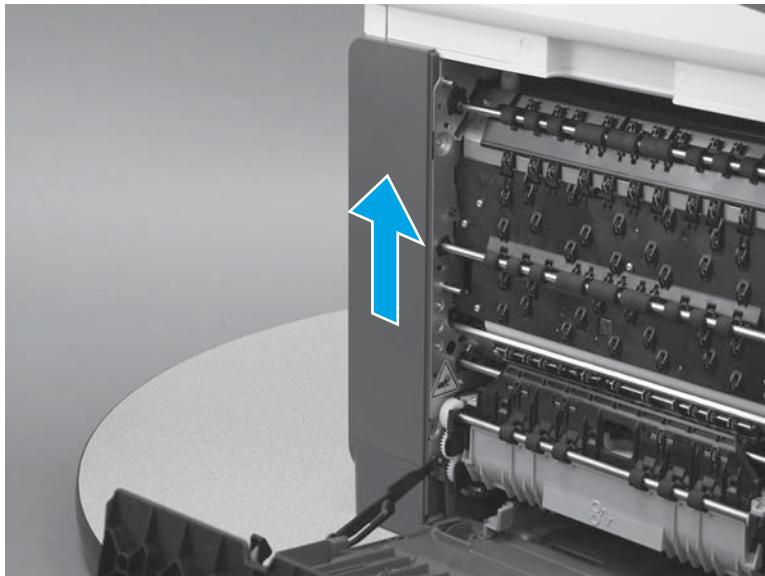
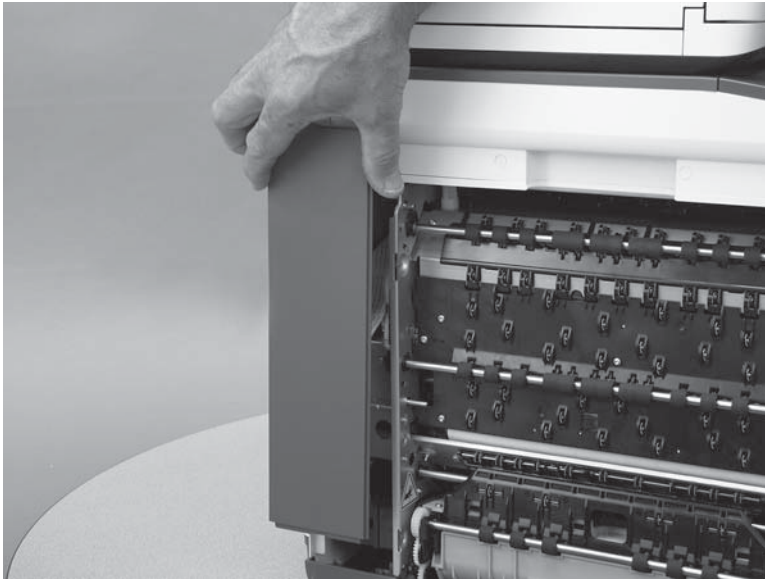
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-322 Release the cover



3. Remove the cover.

Figure 1-323 Remove the left rear cover



Step 5: Remove the left-front top cover cap (556)



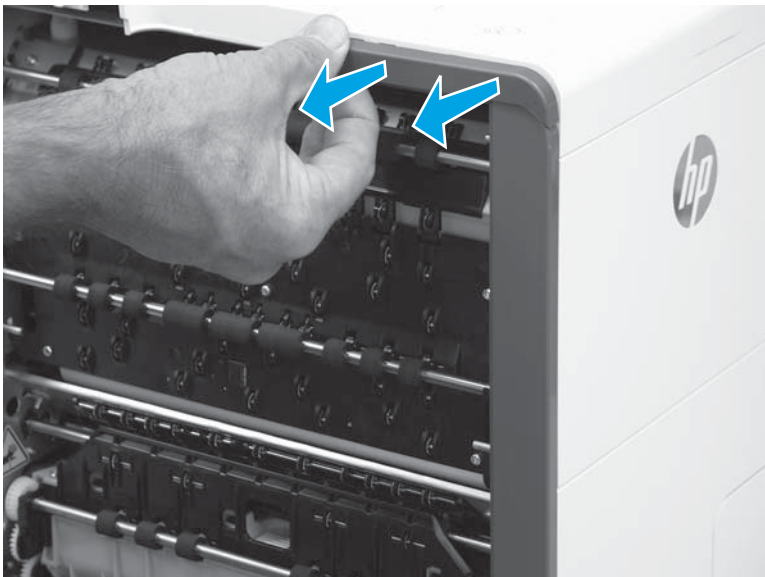
NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 6: Remove the left front cover on page 223](#).

- ▲ Open the left door, and then carefully pull the cover off of the printer.




TIP: It might be easier to remove the cover by using a small flat-blade screwdriver.

Figure 1-324 Remove left-front top cover cap (556)

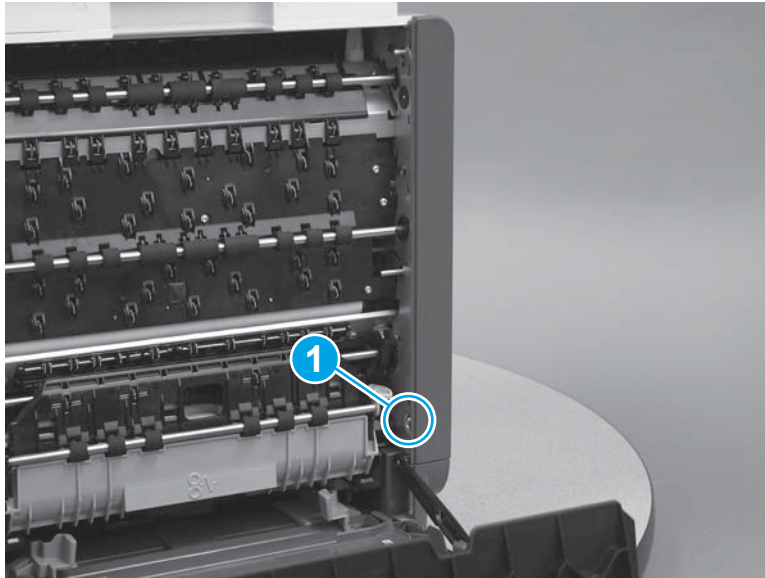


Step 6: Remove the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove one screw (callout 1).

Figure 1-325 Remove one screw



2. Release one tab (callout 1), and then release the cover by sliding it up about 10 mm (0.4 in).


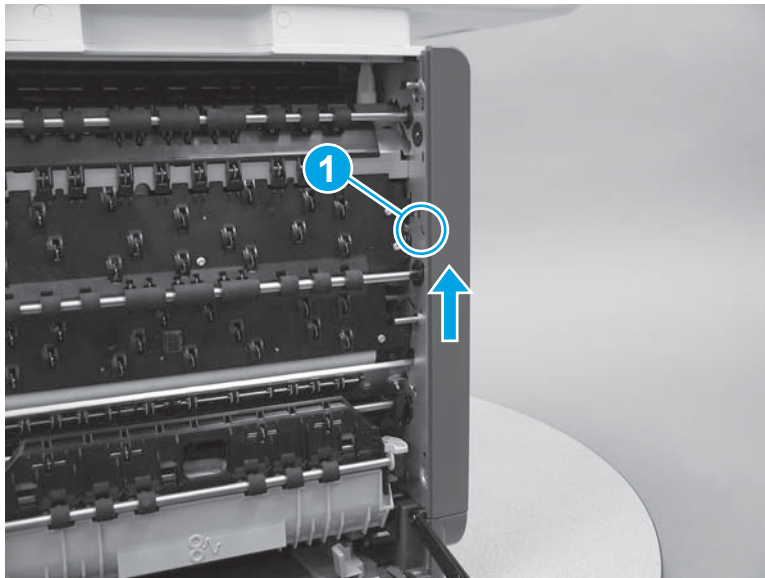
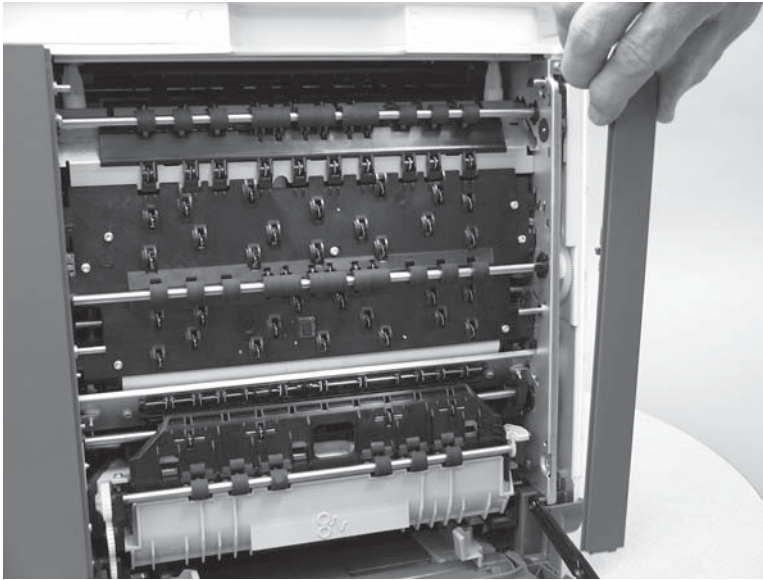
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-326 Release the cover



3. Remove the cover.

Figure 1-327 Remove the left front cover



Step 7: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


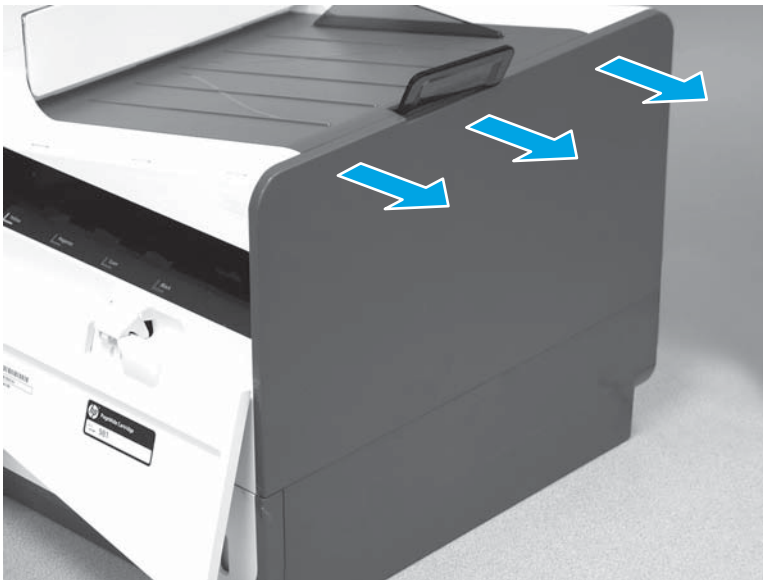
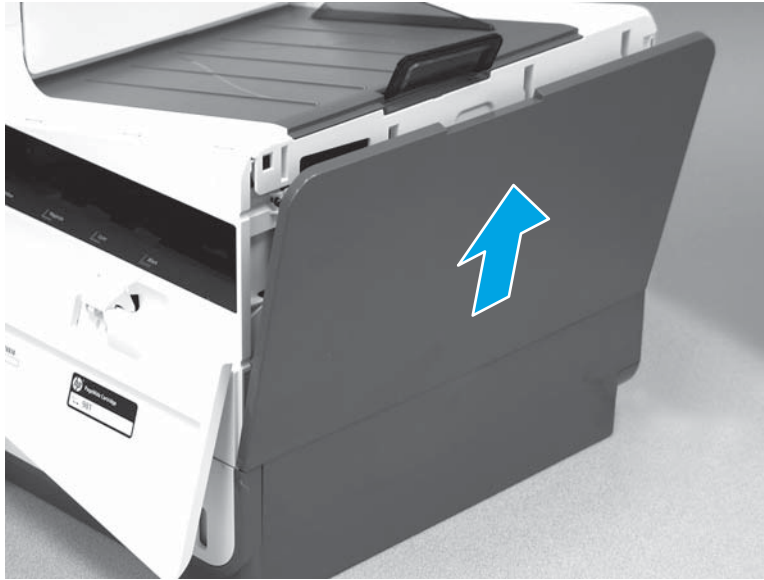
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-328 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-329 Remove the right cover (outer)



Step 8: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


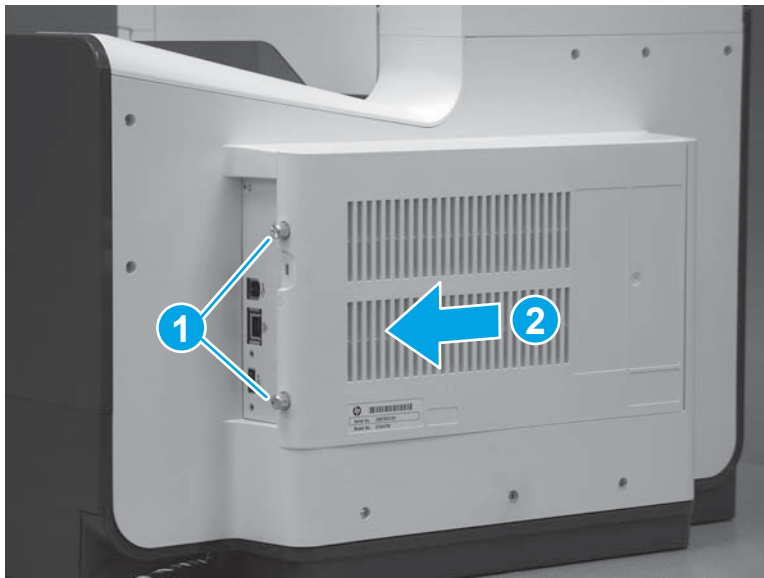
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-330 Remove the formatter cover



Step 9: Remove the rear cover

1. Remove eight screws (callout 1).


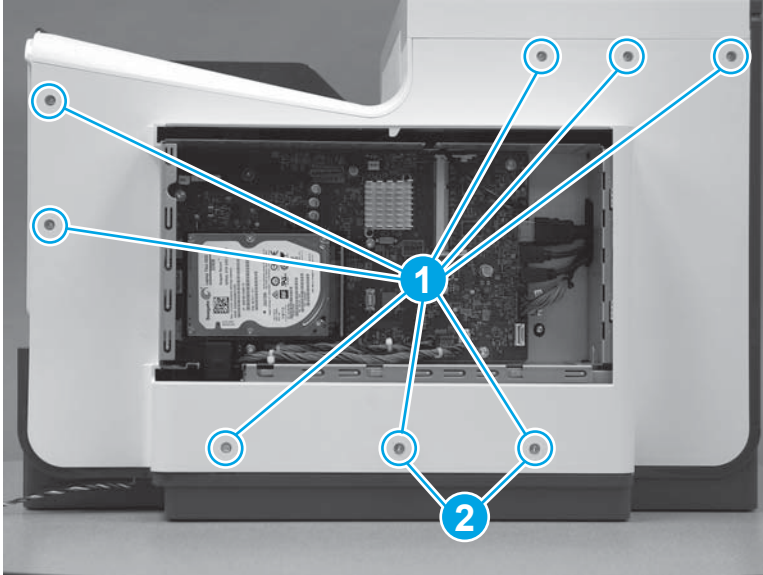
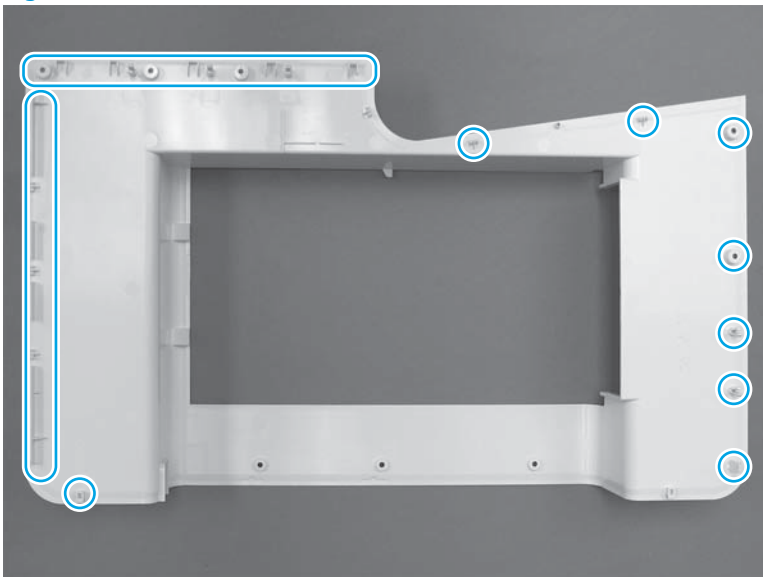
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-331 Remove eight screws



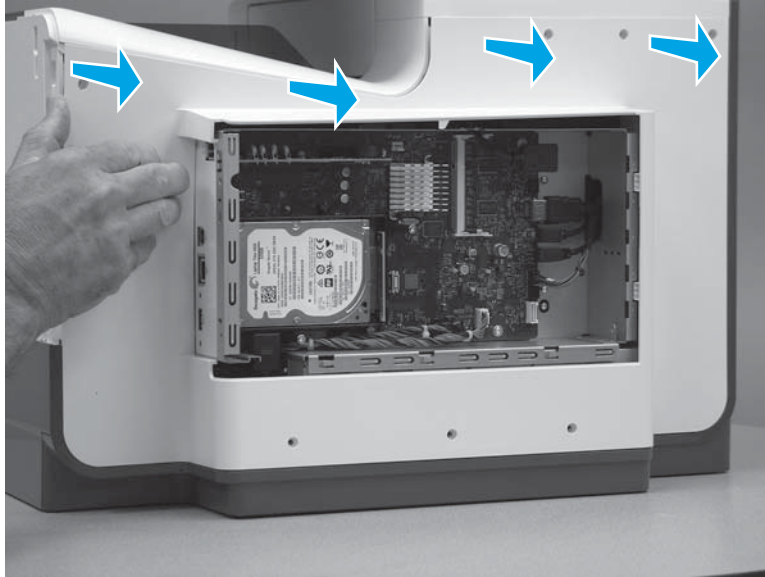
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-332 Find the tabs and bosses on the rear cover



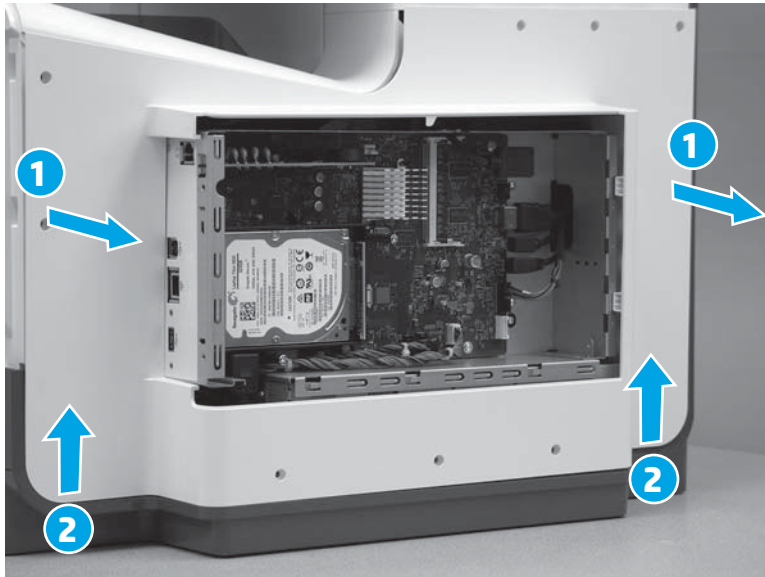
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-333 Release the top edge of the cover




4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

Figure 1-334 Remove the rear cover

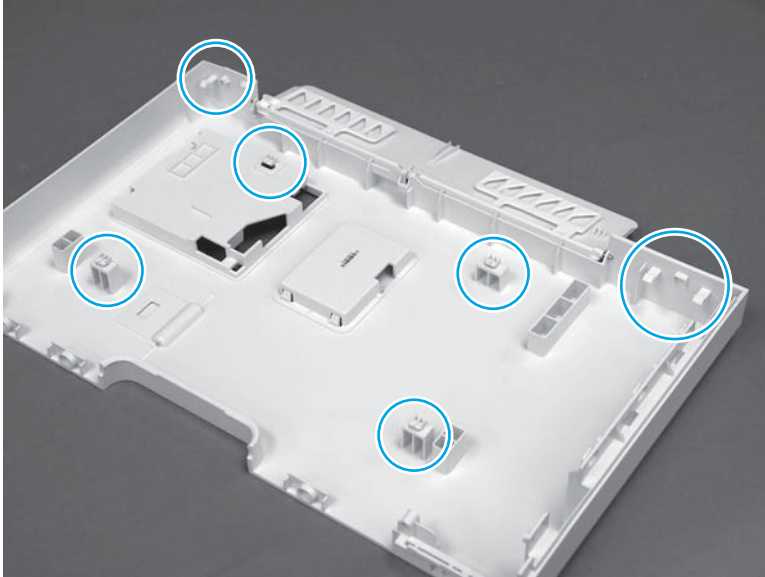


Step 10: Remove the top cover (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 11: Remove the top cover \(586\) on page 230](#).

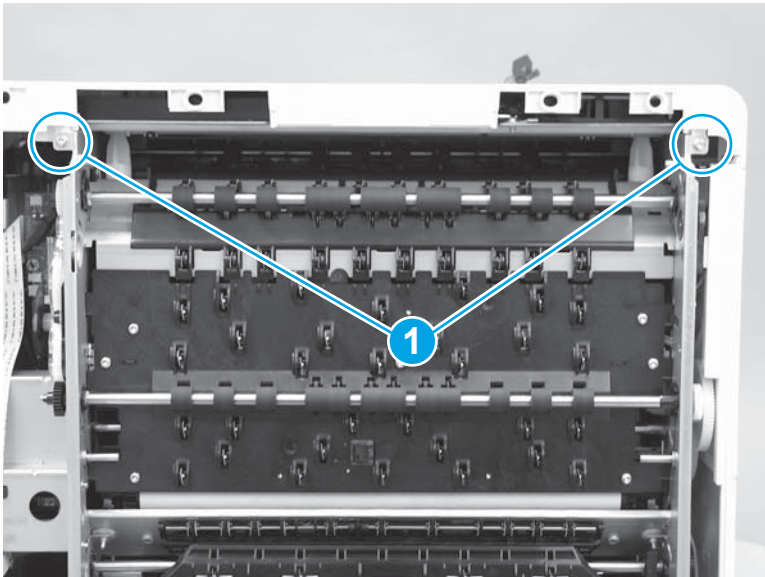
1. Before proceeding, take note of the tabs and hooks on the top cover.

Figure 1-335 Tabs and hooks on the top cover



2. On the left side of the printer, remove two screws (callout 1).

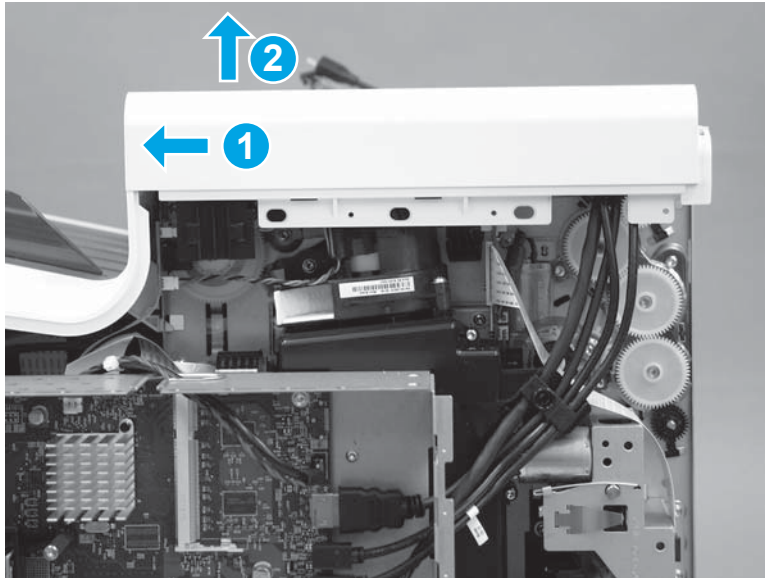
Figure 1-336 Remove two screws



3. At the rear of the printer, flex the top cover to the left (callout 1) and then slightly lift it up (callout 2) to release two tabs.

 **NOTE:** To locate the tabs, see step 1.

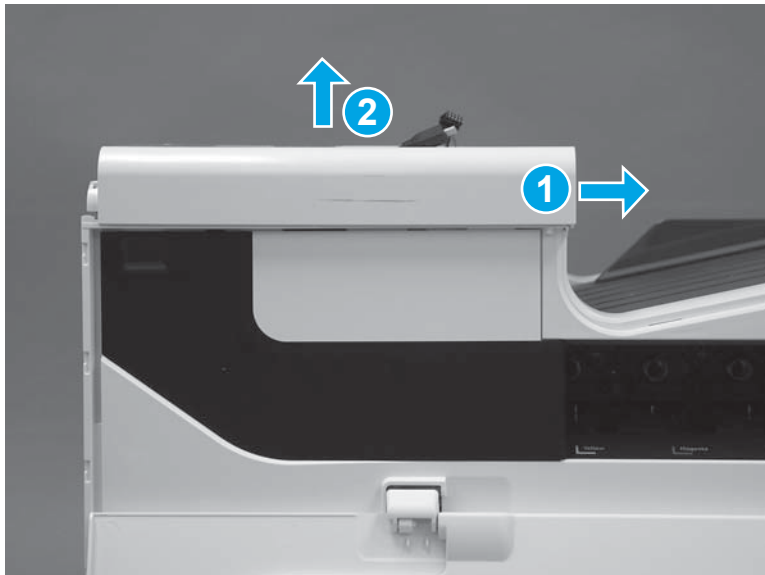
Figure 1-337 Release two tabs



4. At the front of the printer, slide the cover to the right (callout 1) to release the remaining tabs and the hooks (callout 2).

 **NOTE:** To locate the tabs, see step 1.

Figure 1-338 Release the cover



5. Remove the cover.


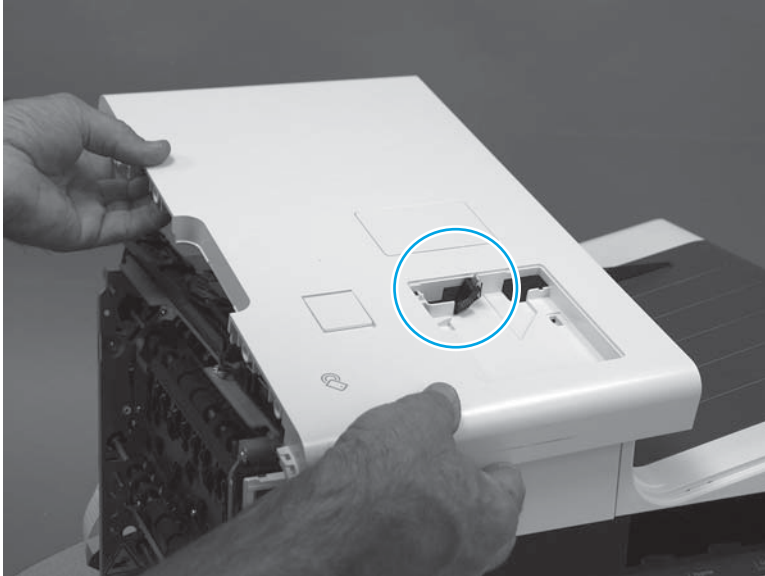
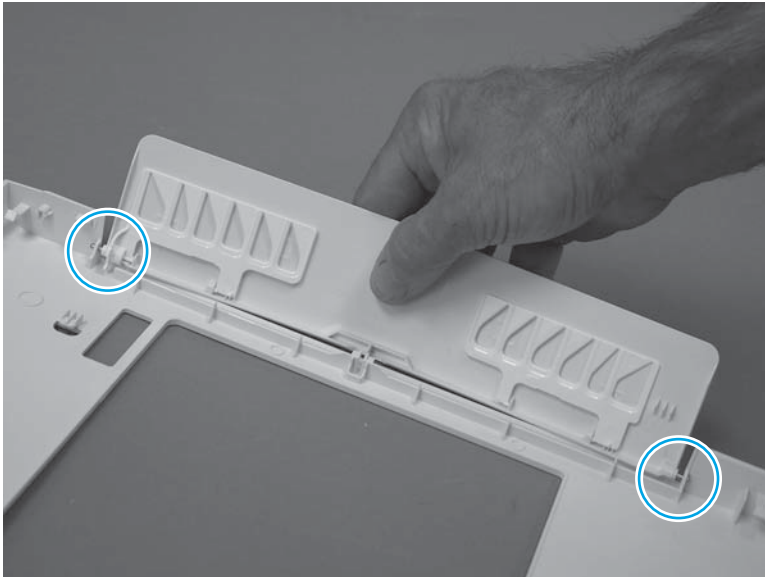
 **NOTE:** Pass the control-panel cable and wire harness through the opening in the cover as it is removed.

Figure 1-339 Remove the top cover (556)




6. **Optional step:** If a replacement top cover is being installed, remove the output bin flap by flexing the center of the flap to release the right- and left-side hinge pins from the holes in the cover.

Figure 1-340 Remove the output bin flap

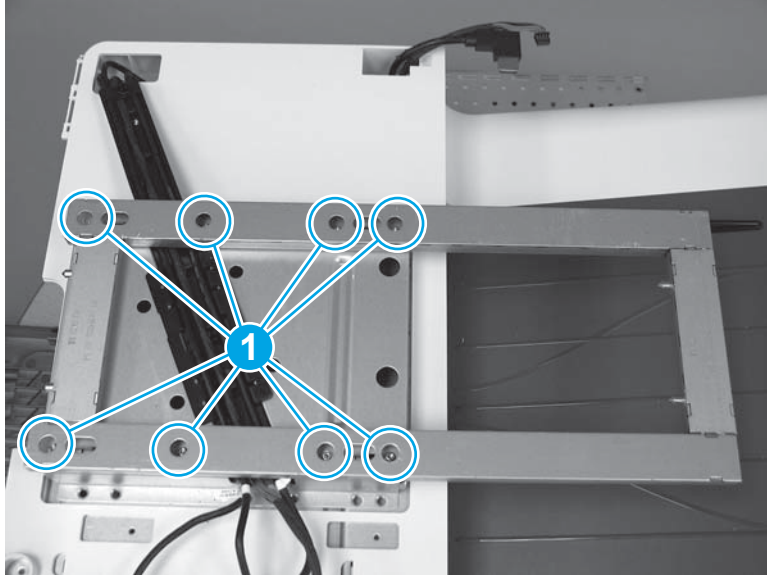


Step 11: Remove the top cover (586)

 **NOTE:** This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 12: Removal the front cover on page 235](#).

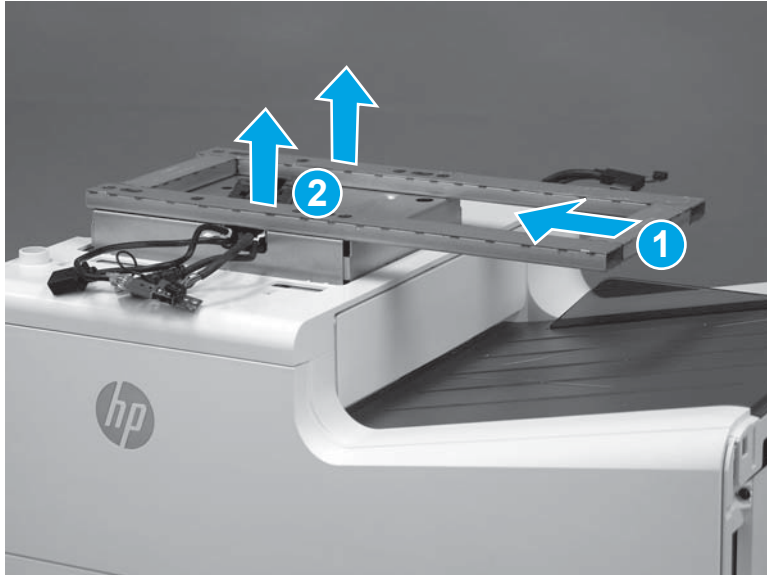
1. Remove eight screws (callout 1).

Figure 1-341 Remove eight screws



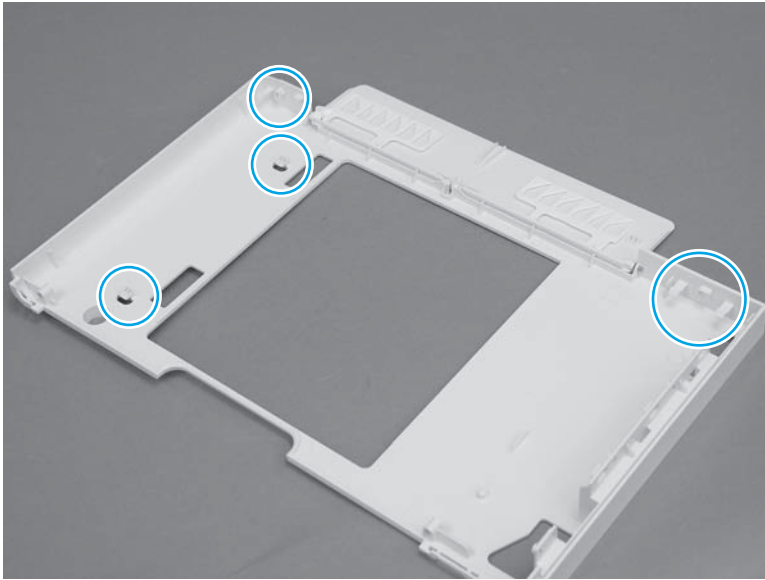
2. Slide the bracket to the left to release it, and then lift it straight up and off of the printer to remove it.

Figure 1-342 Slide the bracket left



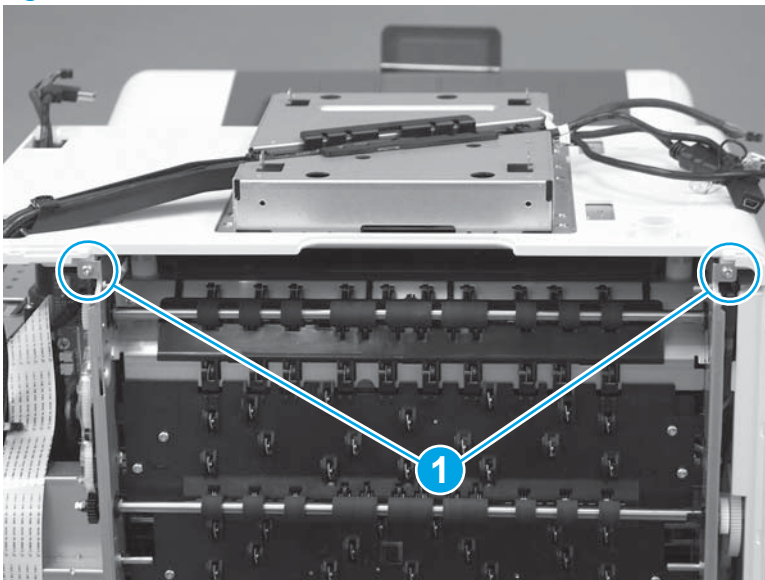
3. Before proceeding, take note of the tabs and hooks on the top cover.

Figure 1-343 Tabs and hooks on the top cover



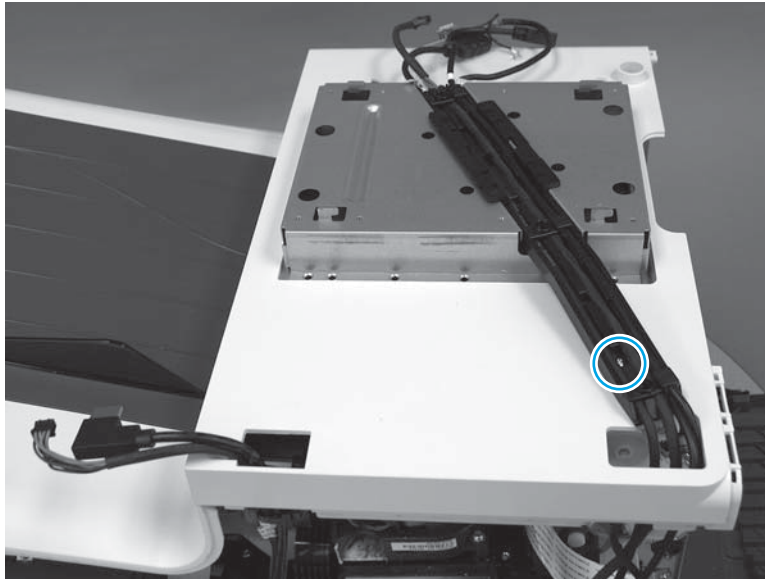
4. On the left side of the printer, remove two screws (callout 1).

Figure 1-344 Remove two screws



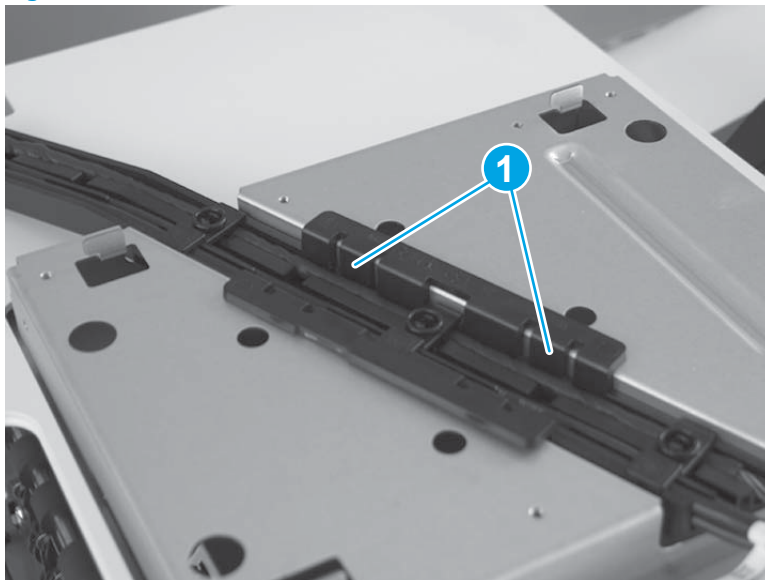
5. Remove one screw.

Figure 1-345 Remove one screw



6. Release two tabs (callout 1) to release the wire guide.

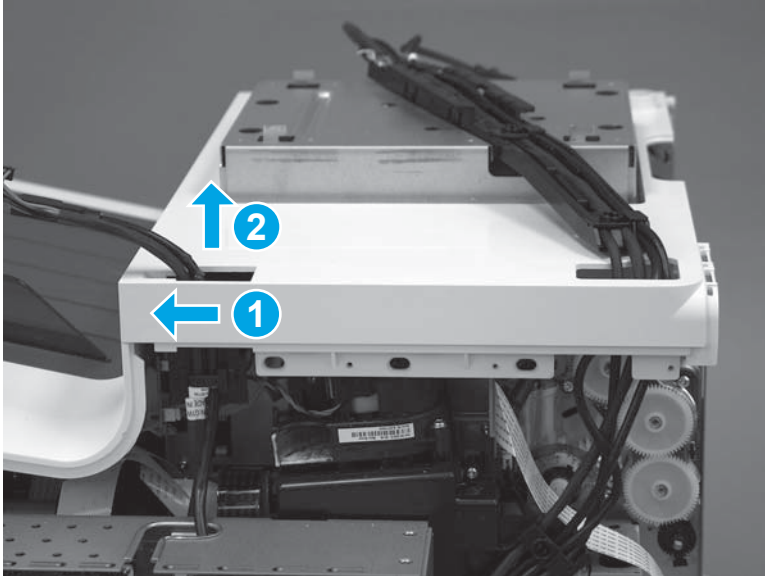
Figure 1-346 Release two tabs



7. At the rear of the printer, flex the top cover to the left (callout 1) and then slightly lift it up (callout 2) to release two tabs.

 **NOTE:** To locate the tabs, see step 3.

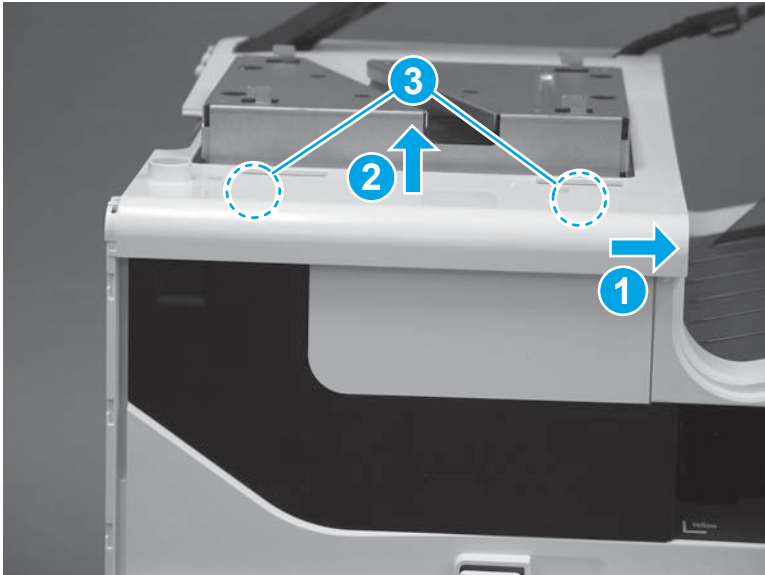
Figure 1-347 Release two tabs



8. At the front of the printer, slide the cover to the right (callout 1) to release the remaining tabs and the hooks (callout 2/3).

 **NOTE:** To locate the tabs, see step 3.

Figure 1-348 Release the cover



9. Remove the cover.


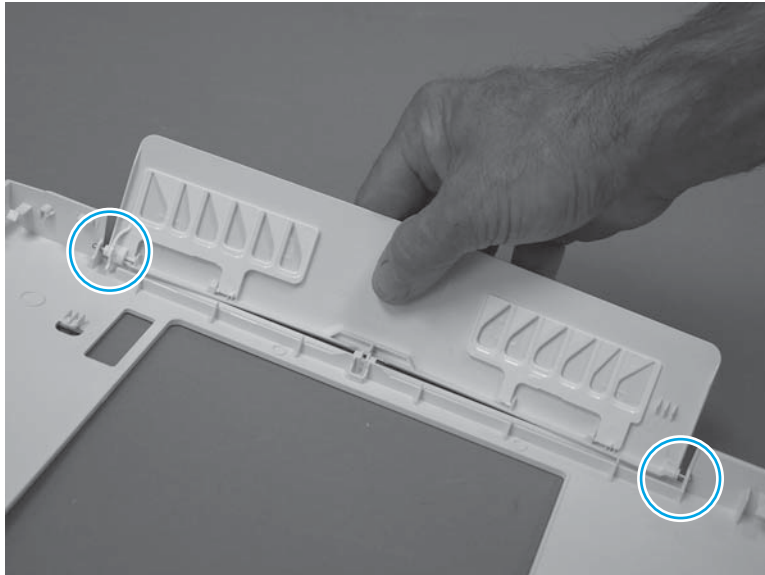
 **NOTE:** Pass the cables, wire harnesses, and the guide through the openings in the cover as it is removed.

Figure 1-349 Remove the top cover (586)



10. **Optional step:** If a replacement top cover is being installed, remove the output bin flap by flexing the center of the flap to release the right- and left-side hinge pins from the holes in the cover.

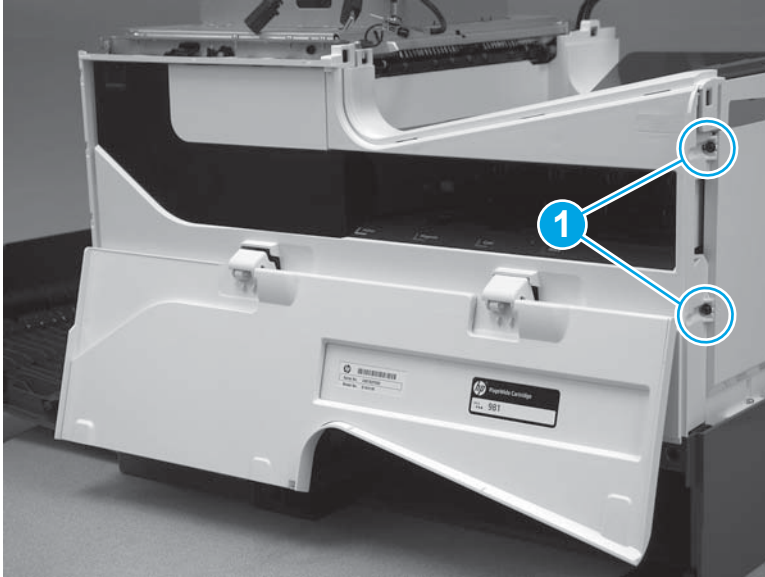
Figure 1-350 Remove the output bin flap



Step 12: Removal the front cover

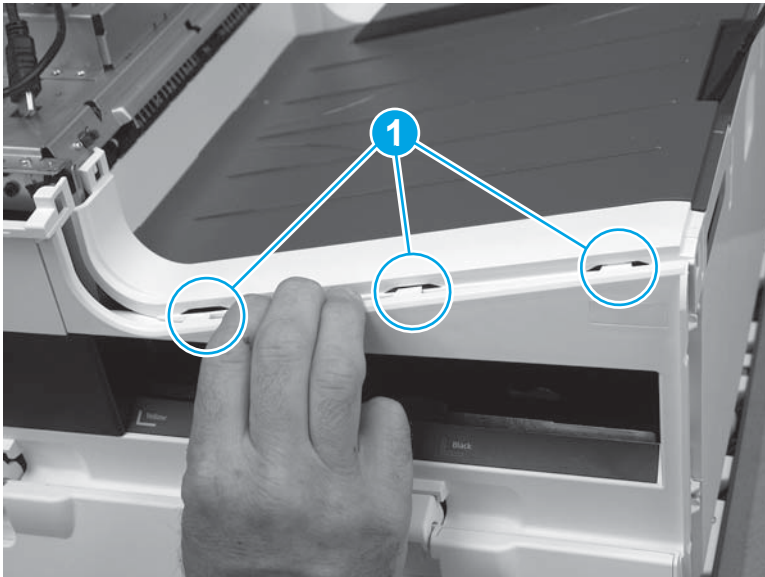
1. Remove two screws (callout 1).

Figure 1-351 Remove two screws




2. Release three tabs (callout 1).

Figure 1-352 Release three tabs

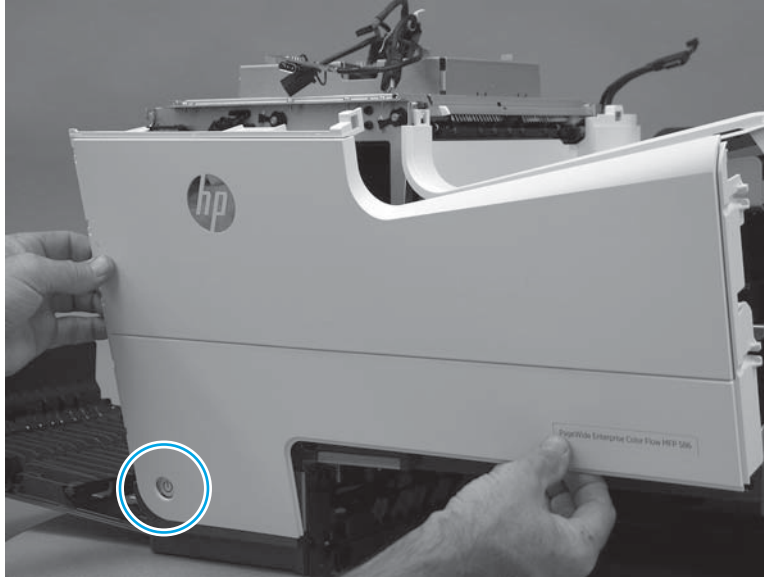


3. Remove the front cover.

 **NOTE:** When removing the front cover, the power-button cover can come loose.

If the cover is dislodged, see [Step 14: Install the front cover on page 238](#) to reinstall it.

Figure 1-353 Remove the cover



Step 13: Unpack the replacement assembly

1. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

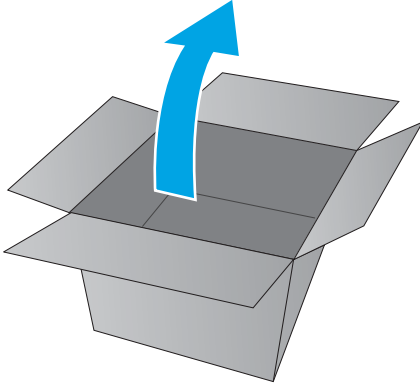
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

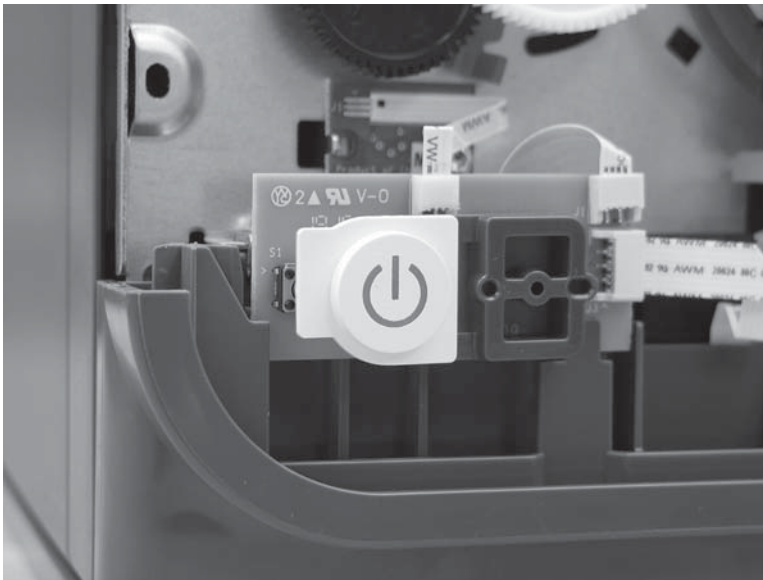
📄 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 14: Install the front cover

1. If the power-button cover was dislodged when the front cover was removed, install it as shown below.

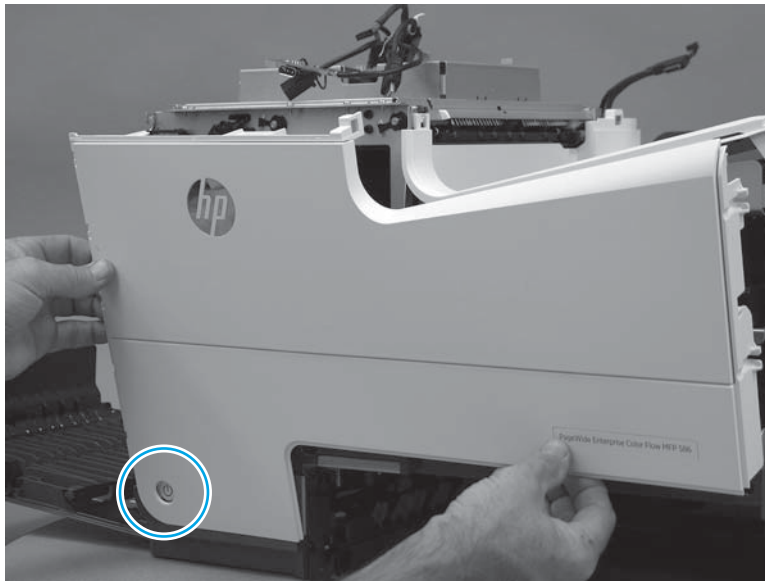
Figure 1-354 Install the power-button cover



2. Position the front cover on the printer.

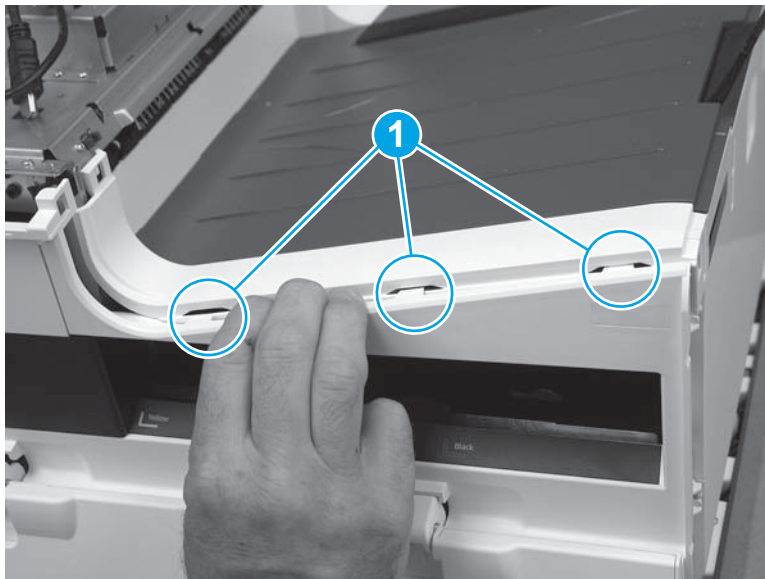
 **NOTE:** When removing the front cover, the power-button cover can come loose.

Figure 1-355 Install the cover



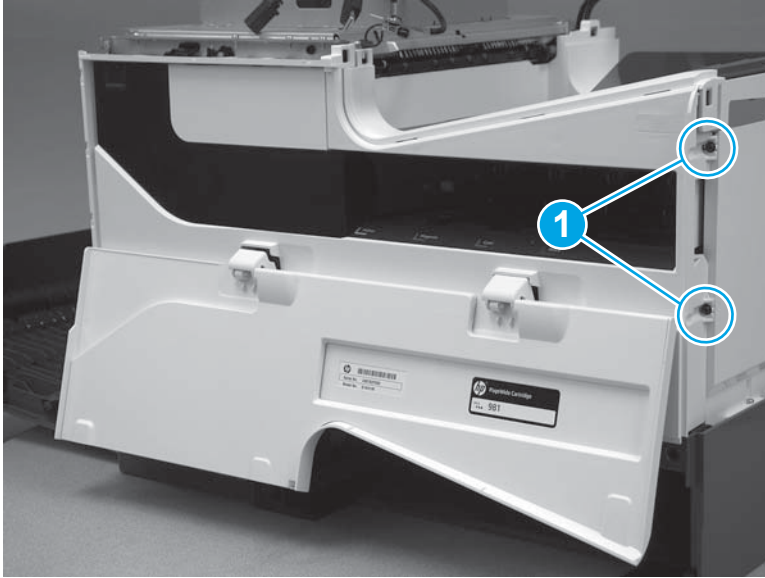
3. Engage three tabs (callout 1).

Figure 1-356 Engage three tabs



4. Install two screws (callout 1).

Figure 1-357 Install two screws



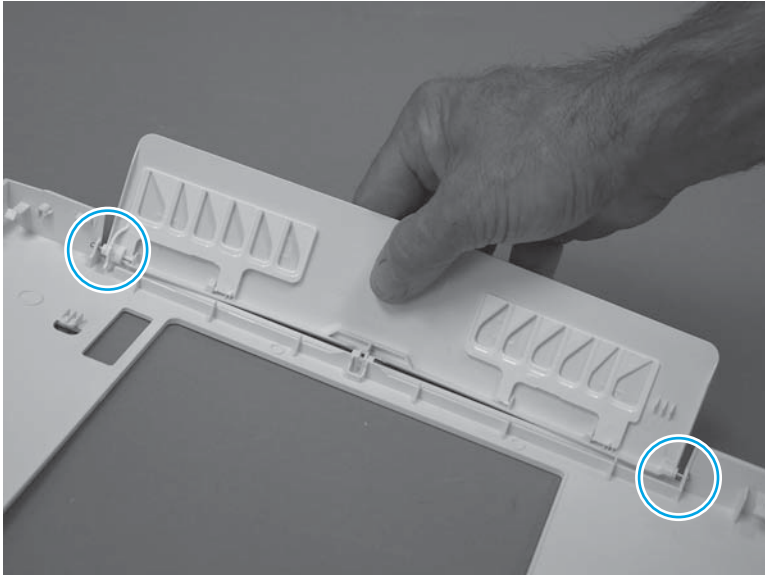
Step 15: Install the top cover (586)



NOTE: This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 16: Install the top cover \(556\) on page 245](#).

1. **Optional step:** If a replacement top cover is being installed, install the output bin flap by flexing the center of the flap and installing the right- and left-side hinge pins in the holes in the cover.

Figure 1-358 Install the output bin flap



2. Position the cover on the printer.


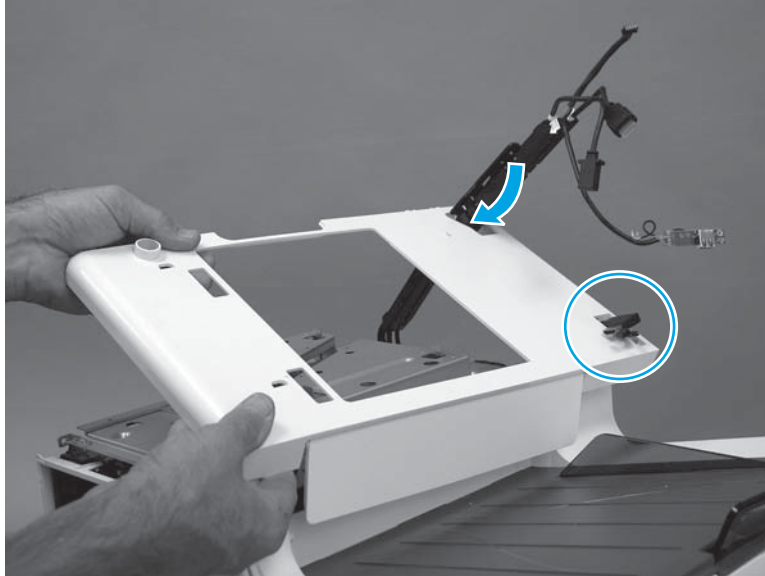
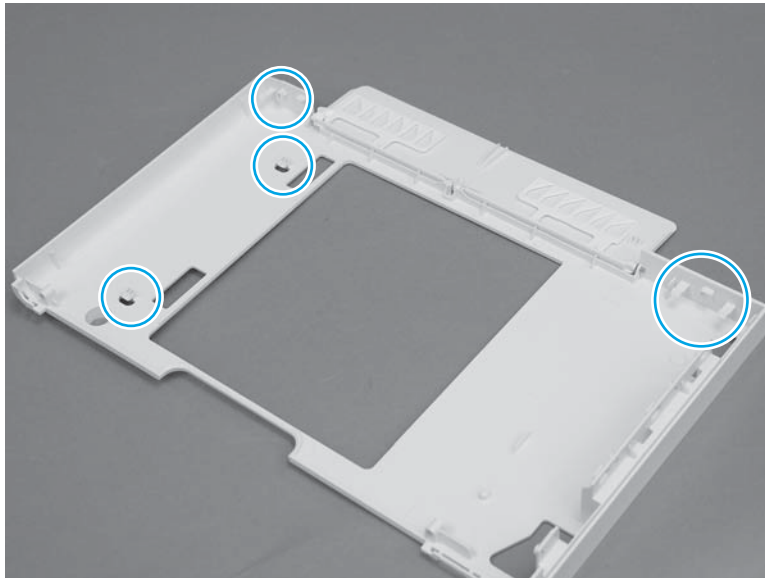
 **NOTE:** Pass the cables, wire harnesses, and the guide through the openings in the cover as it is installed.

Figure 1-359 Install the top cover (586)



3. Before proceeding, take note of the tabs and hooks on the top cover.

Figure 1-360 Tabs and hooks on the top cover



4. At the front of the printer, slide the cover to the left (callout 1) to engage the tabs and the hooks (callout 2/3).


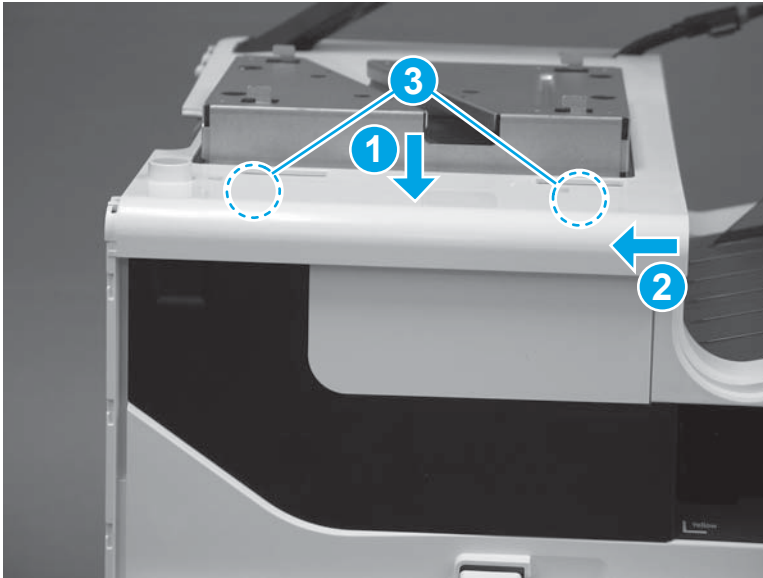
 **NOTE:** To locate the tabs, see step 3.

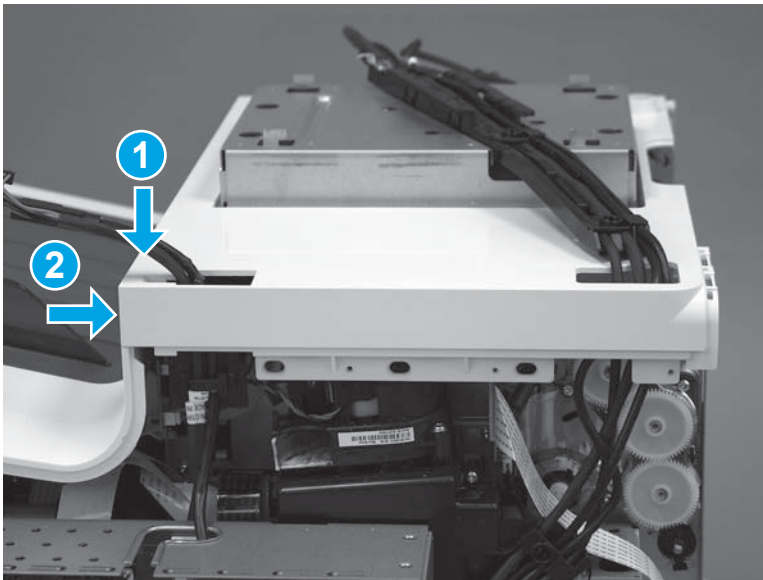
Figure 1-361 Engage the cover



5. At the rear of the printer, flex the top cover to the right (callout 1) to engage two tabs (callout 2).

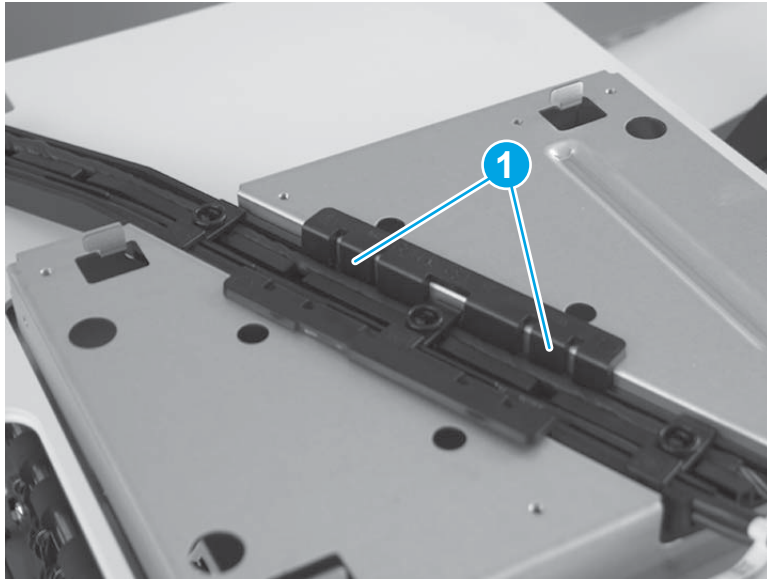
 **NOTE:** To locate the tabs, see step 3.

Figure 1-362 Engage two tabs



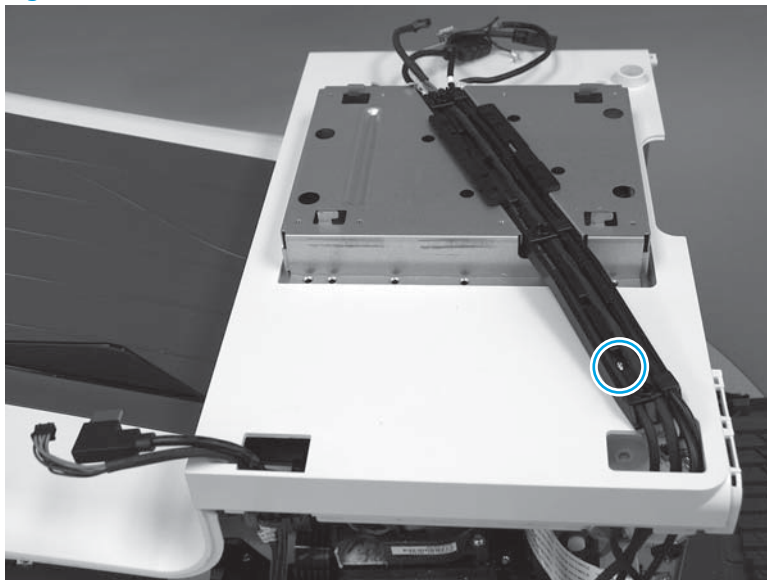
6. Install the guide, and make sure that the two tabs (callout 1) snap into place.

Figure 1-363 Install the guide



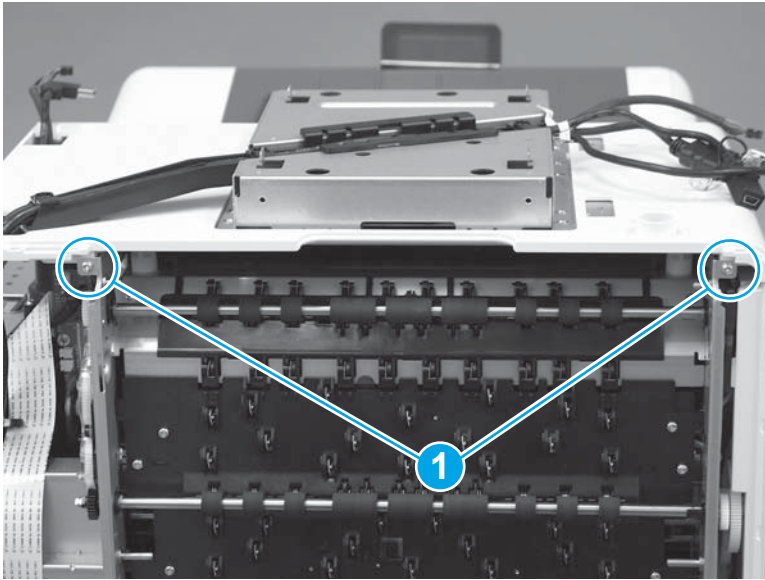
7. Install the guide, and then install one screw.

Figure 1-364 Install one screw



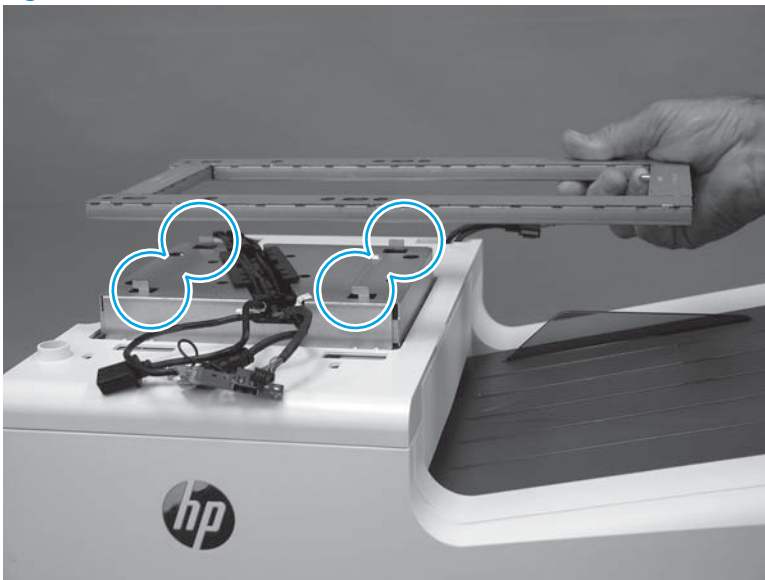
8. On the left side of the printer, install two screws (callout 1).

Figure 1-365 Install two screws



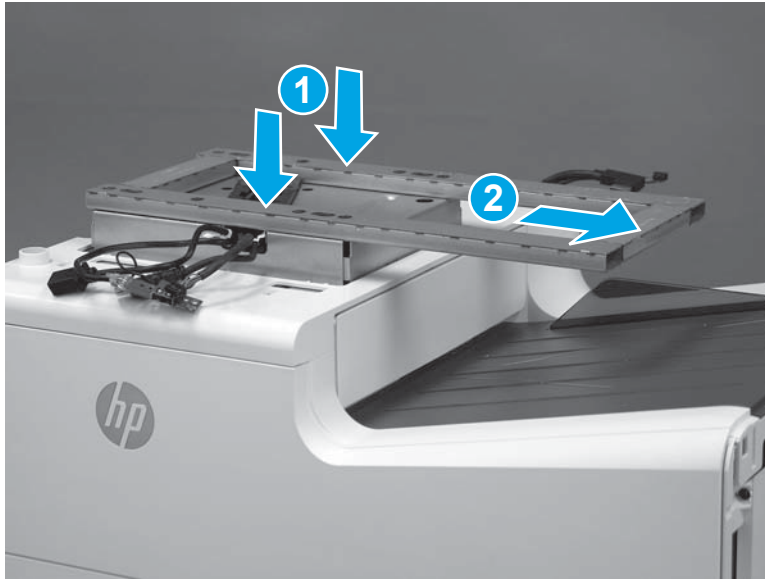
9. Align the slots in the bracket with the hooks on the printer base.

Figure 1-366 Install the bracket



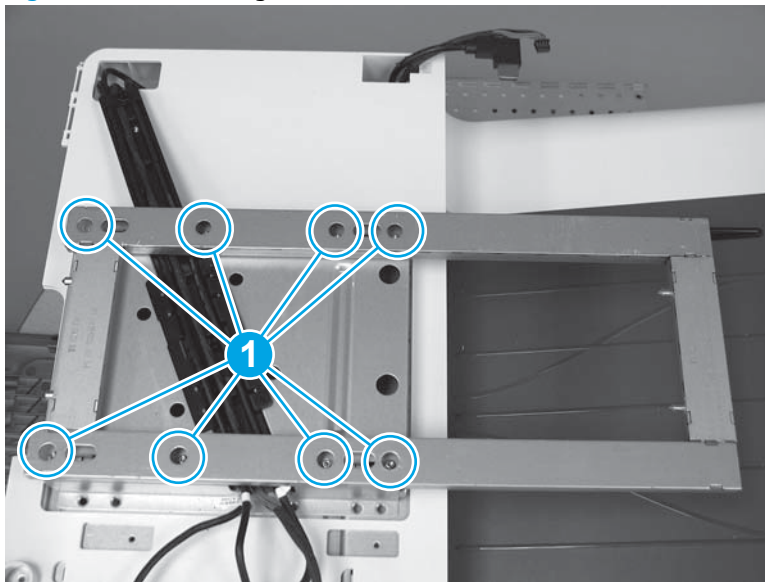
10. Position the bracket on the printer, and then slide the bracket to the right to engage it.

Figure 1-367 Slide the bracket right




11. Install eight screws (callout 1).

Figure 1-368 Install eight screws

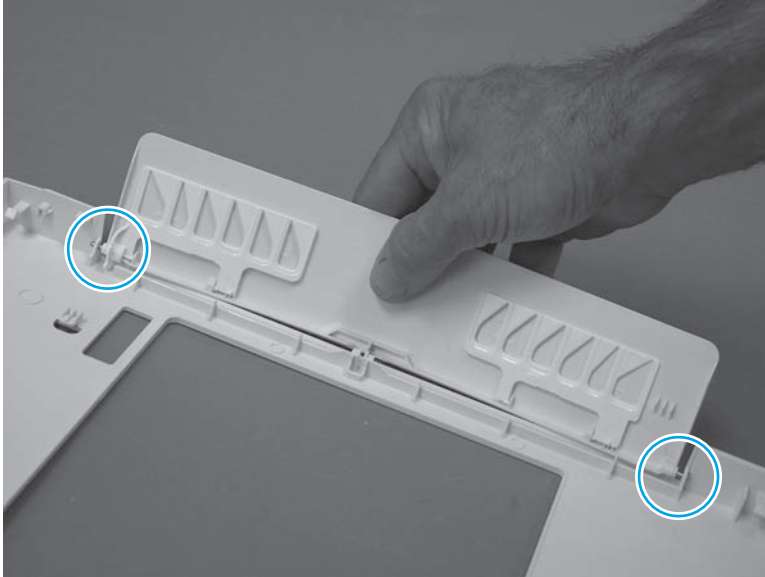


Step 16: Install the top cover (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 17: Install the rear cover on page 248](#).

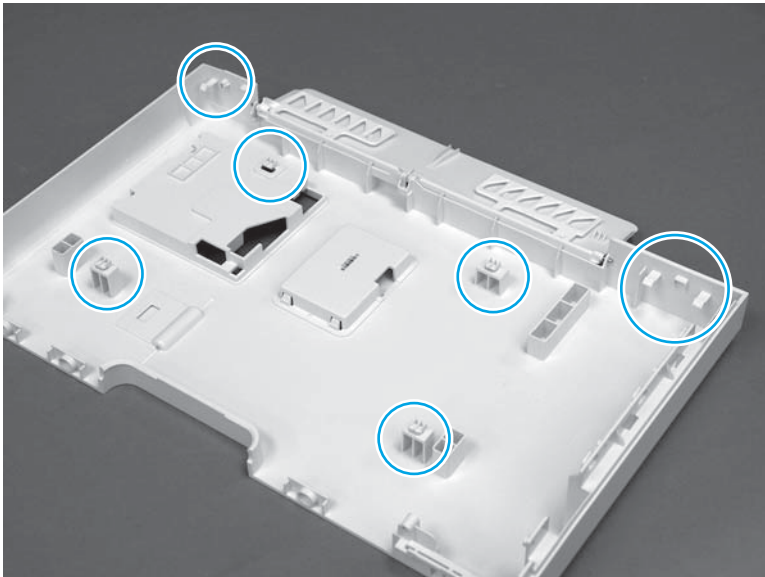
1. **Optional step:** If a replacement top cover is being installed, install the output bin flap by flexing the center of the flap and installing the right- and left-side hinge pins in the holes in the cover.

Figure 1-369 Install the output bin flap



2. Before proceeding, take note of the tabs and hooks on the top cover.

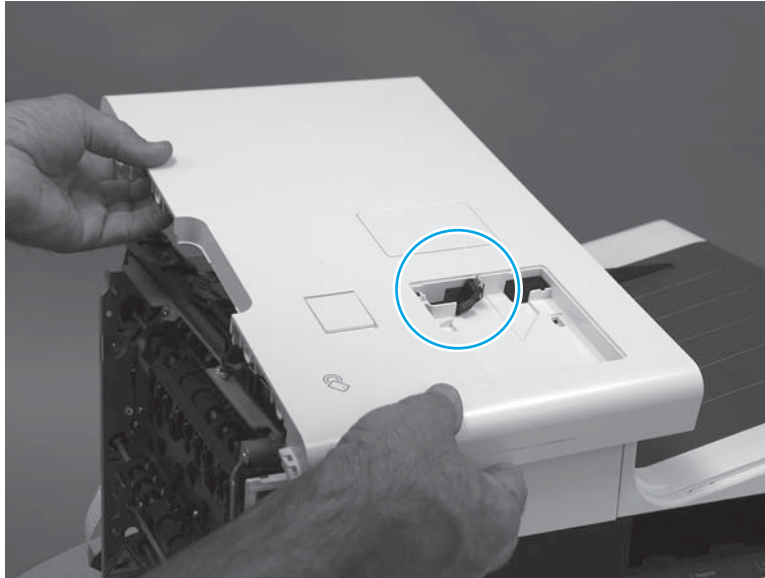
Figure 1-370 Tabs and hooks on the top cover



3. Position the cover on the printer.

 **NOTE:** Pass the control-panel cable and wire harness through the opening in the cover as it is installed.

Figure 1-371 Install the top cover (556)



4. At the front of the printer, slide the cover to the left (callout 1) to engage the tabs and the hooks (callout 2).


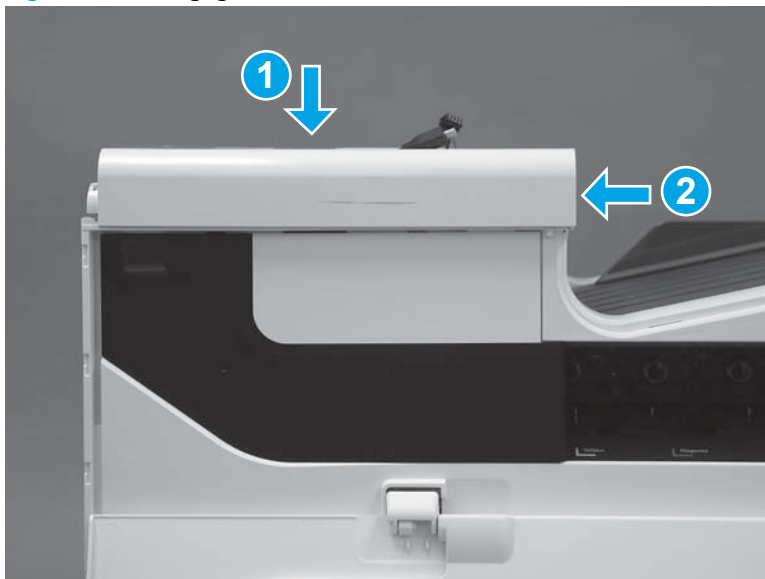
 **NOTE:** To locate the tabs, see step 2.

Figure 1-372 Engage the cover



5. At the rear of the printer, engage two tabs (callout 1/2).


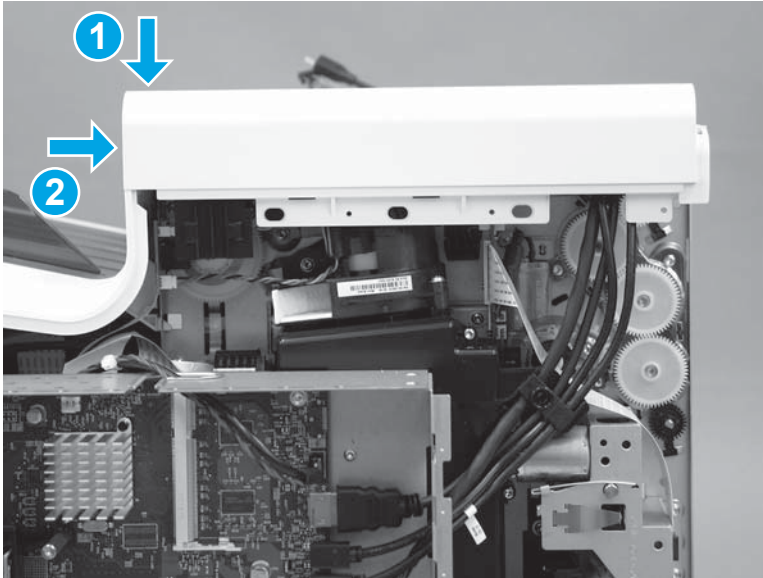
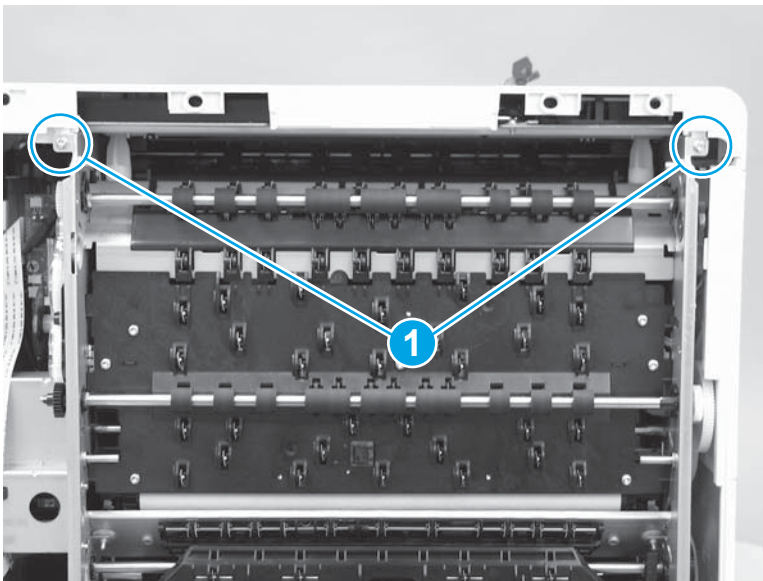
 **NOTE:** To locate the tabs, see step 2.

Figure 1-373 Engage two tabs



6. On the left side of the printer, install two screws (callout 1).

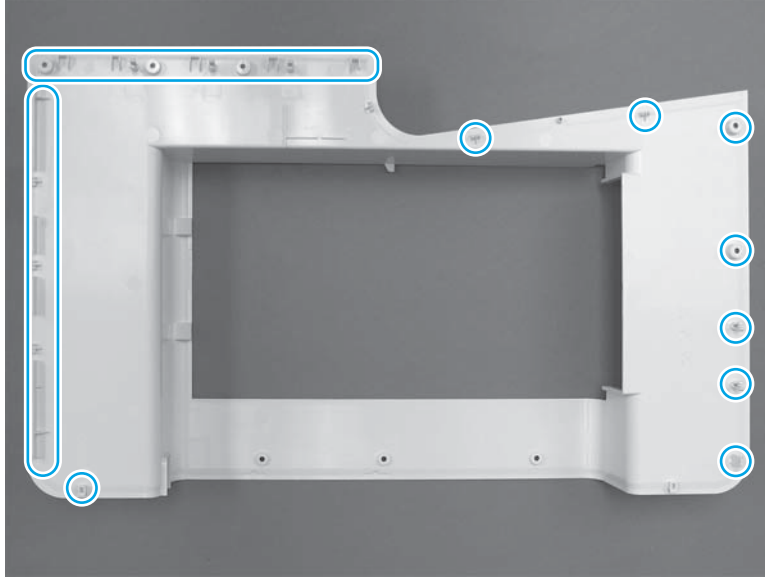
Figure 1-374 Install two screws



Step 17: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-375 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


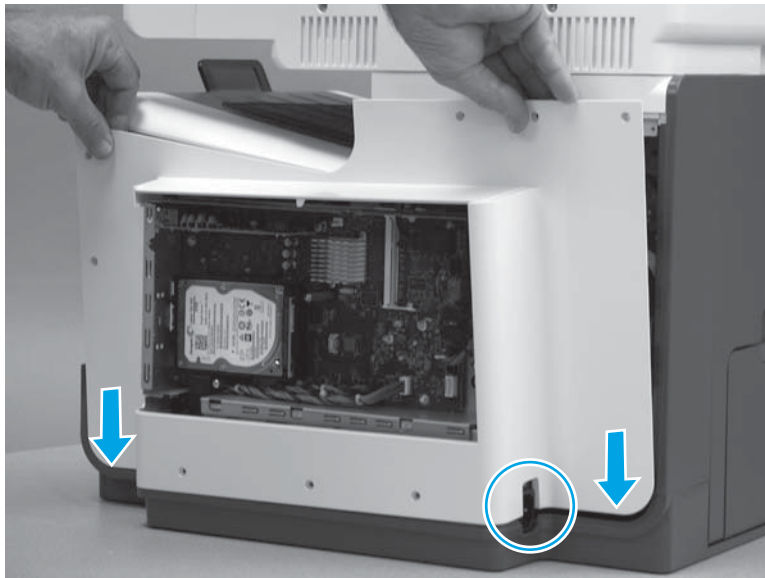
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

Figure 1-376 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).


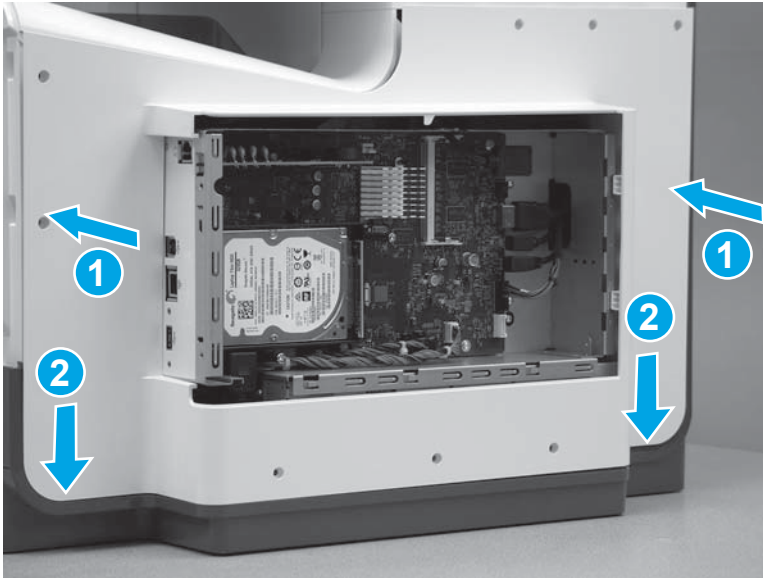
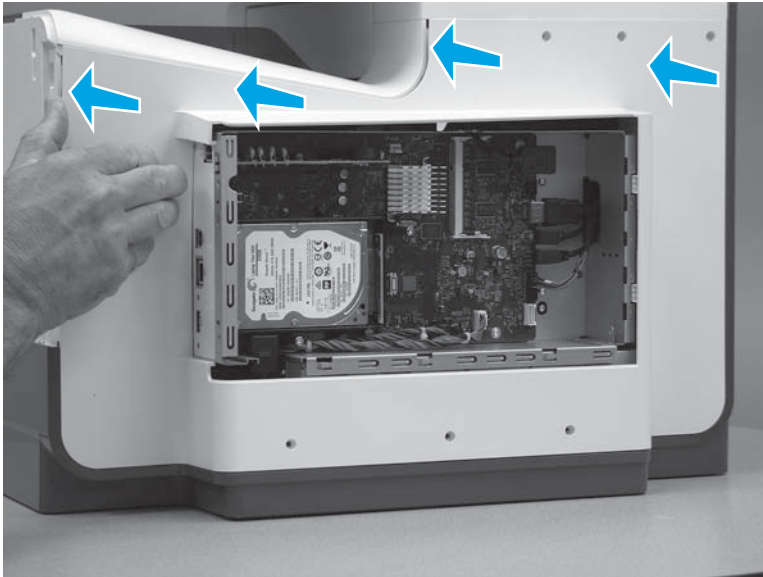
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-377 Engage the sides of the cover



4. Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

Figure 1-378 Release the top edge of the cover



5. Install eight screws (callout 1).


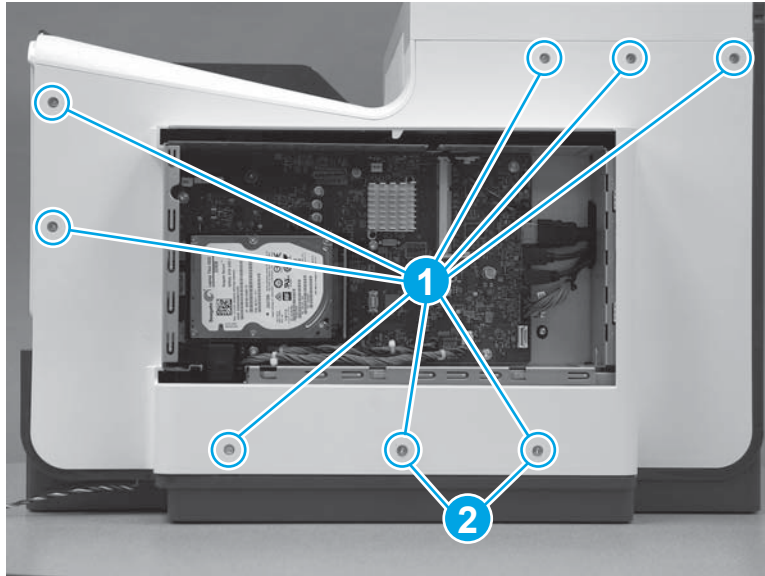
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

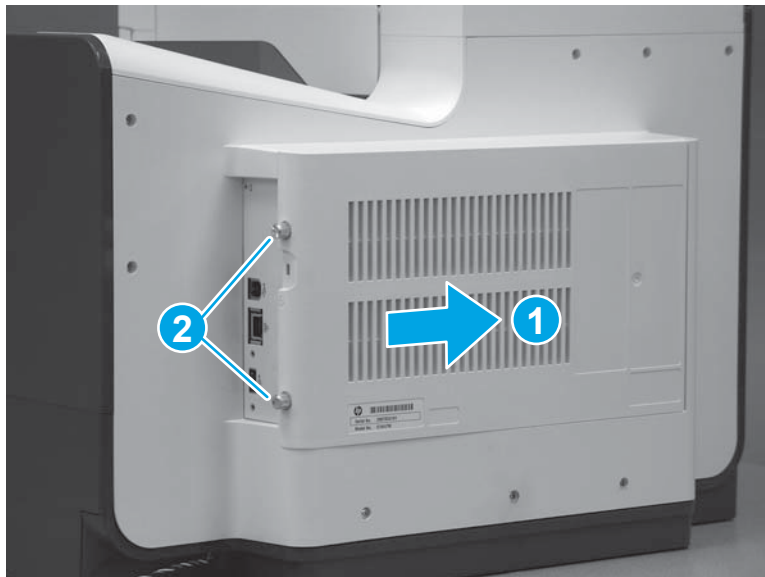
Figure 1-379 Install eight screws



Step 18: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

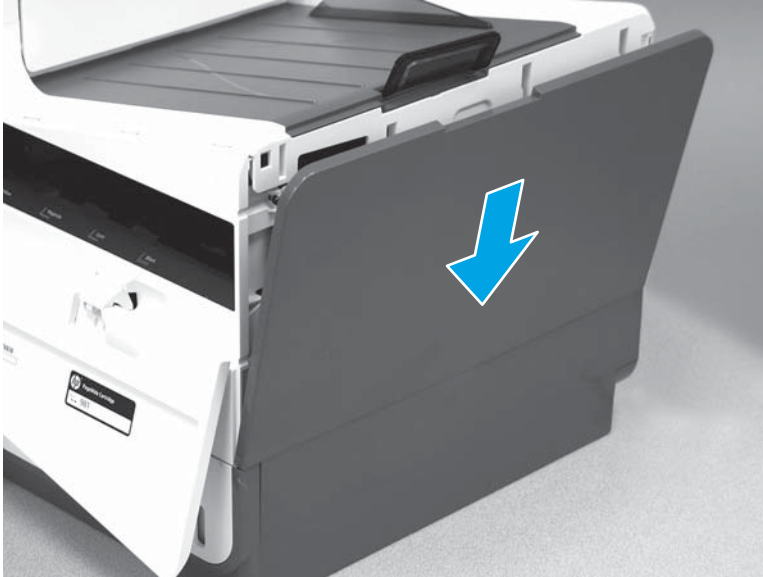
Figure 1-380 Install the formatter cover



Step 19: Install the right cover (outer)

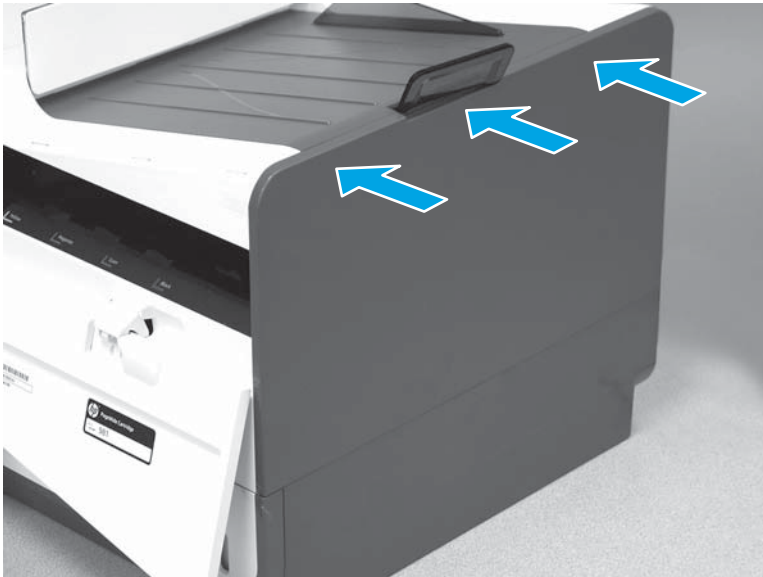
1. Position the bottom edge of the cover on the printer.

Figure 1-381 Position the right cover (outer) on the printer




2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-382 Install the right cover (outer)

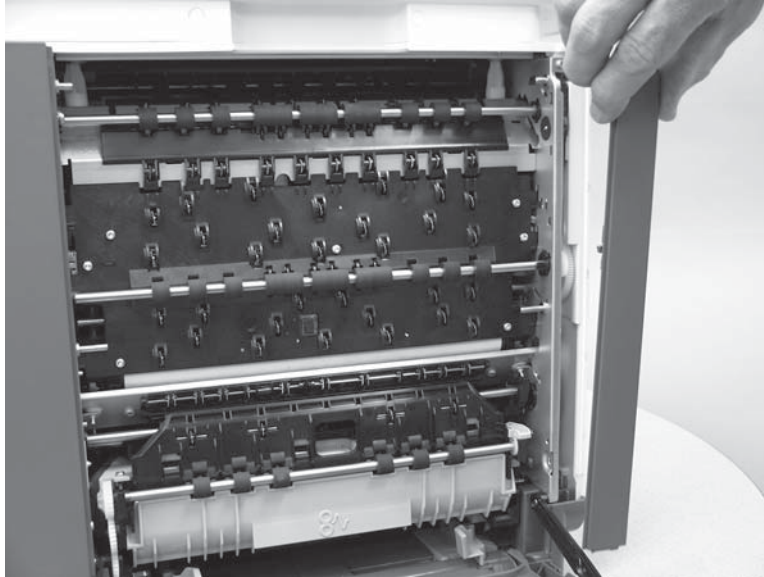


Step 20: Install the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Position the cover on the printer.

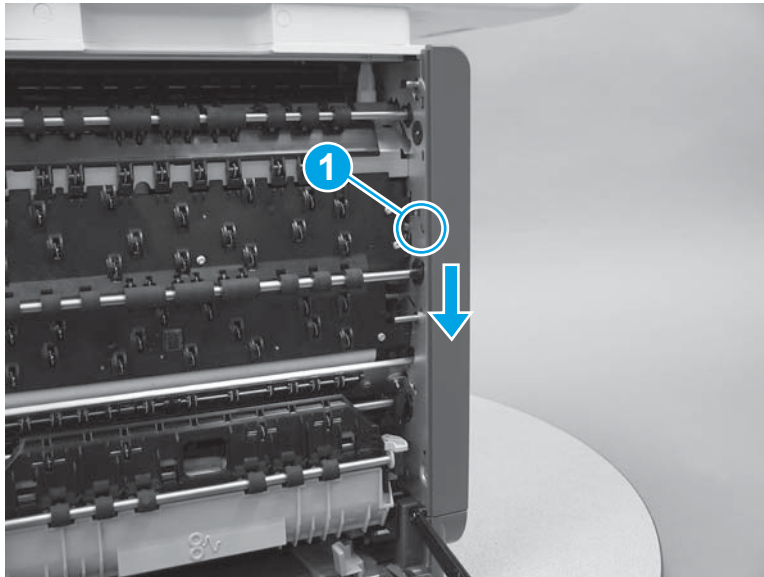
Figure 1-383 Install the left front cover



2. Engage the cover by sliding it down about 10 mm (0.4 in).

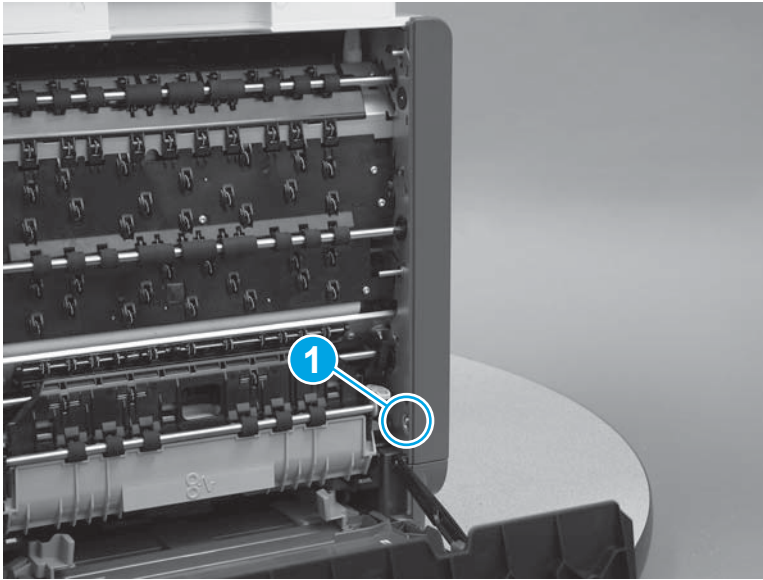
 **NOTE:** Make sure that the tab (callout 1) snaps into place.

Figure 1-384 Engage the cover



3. Install one screw (callout 1).

Figure 1-385 Install one screw



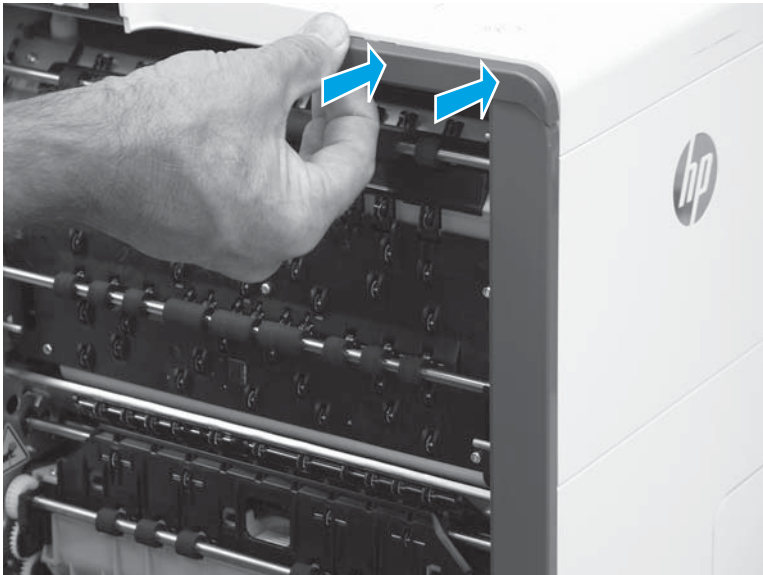
Step 21: Install the left-front top cover cap (556)




NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 22: Install the left rear cover on page 255](#).

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

Figure 1-386 Install the left-front top cover cap (556)

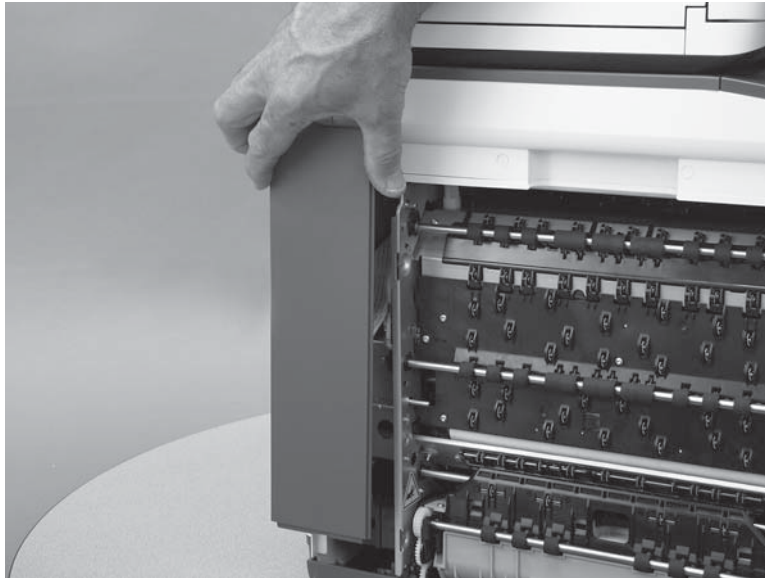


Step 22: Install the left rear cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

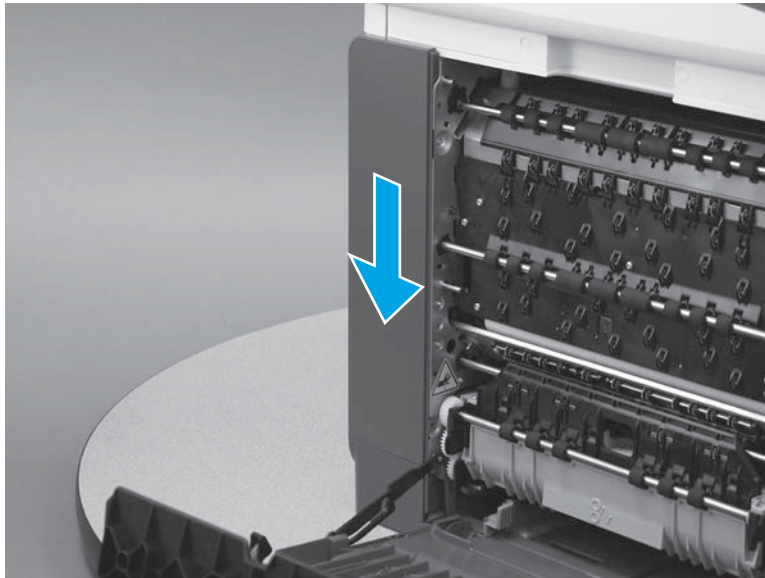
1. Position the cover on the printer.

Figure 1-387 Install the left rear cover



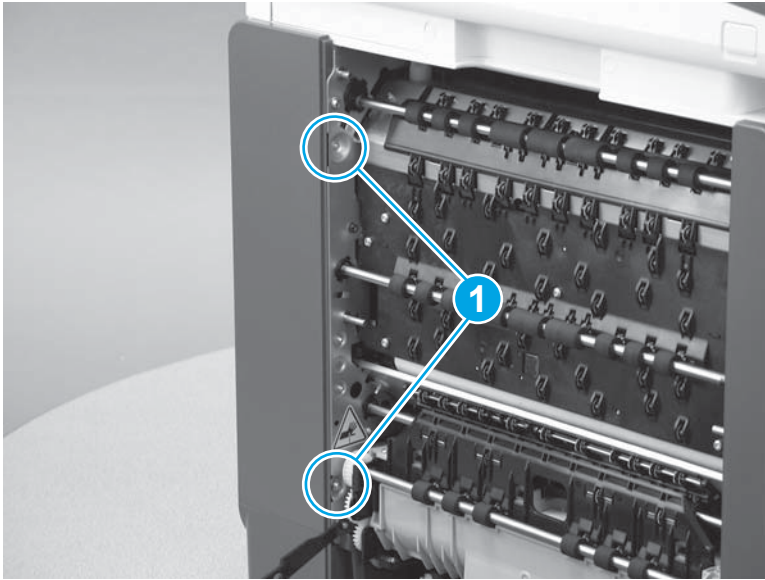
2. Engage the cover by sliding it down about 10 mm (0.4 in).

Figure 1-388 Engage the cover



3. Install two screws (callout 1).

Figure 1-389 Install two screws



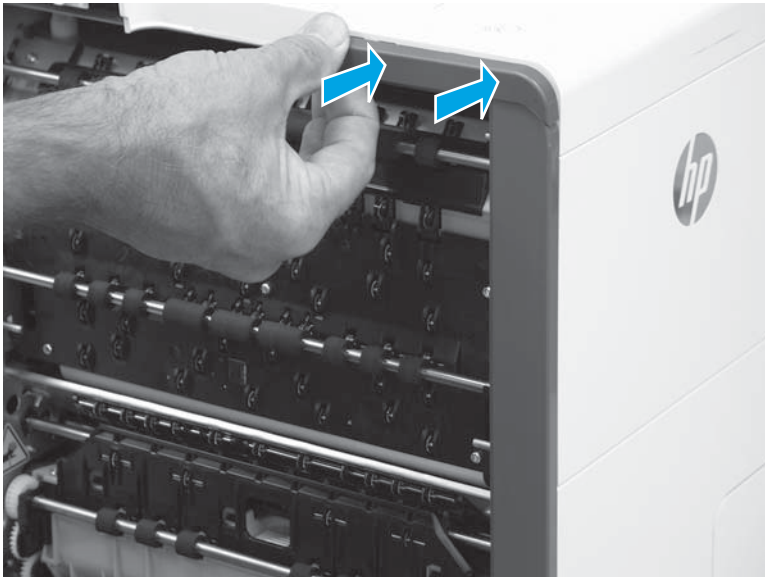
Step 23: Install the left-rear top cover cap (556)



NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 24: Install the integrated scanner assembly \(ISA\) \(586\) on page 256](#).

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.


Figure 1-390 Install the left-front top cover cap (556)



Step 24: Install the integrated scanner assembly (ISA) (586)



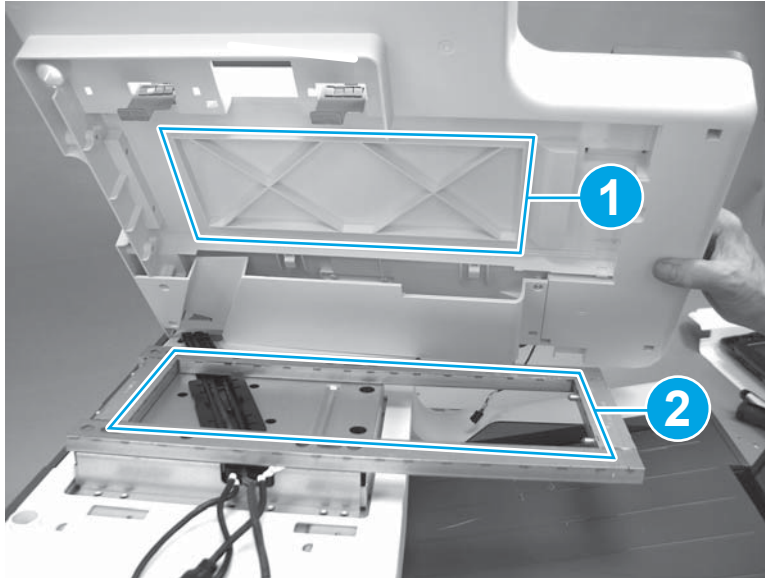
NOTE: This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 25: Install the control panel \(556\) on page 269](#).

 **NOTE:** The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

1. Before proceeding, locate the ISA mounting bracket (callout 1) on the bottom of the ISA and the tray (callout 2) on the printer base.

Figure 1-391 Locate the ISA mounting bracket



2. Position the ISA on the printer.

 **CAUTION:** The ISA is bulky and heavy. Do not drop the ISA.


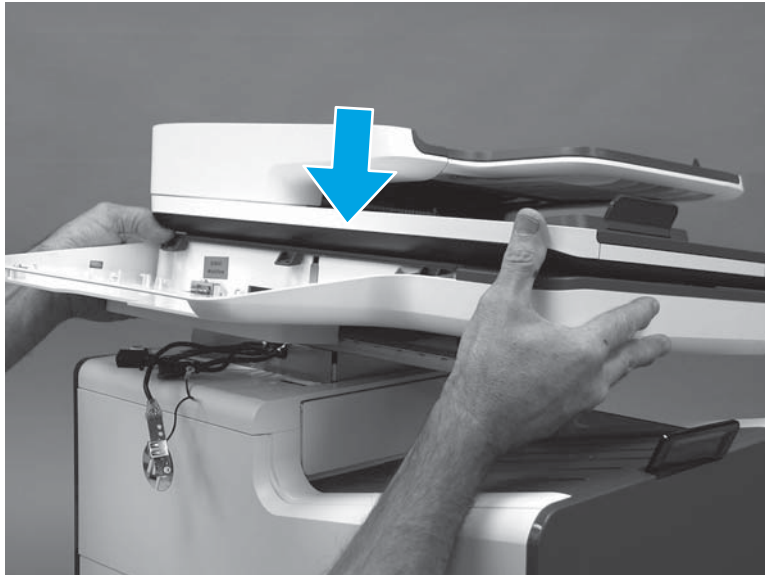
 **IMPORTANT:** Keep the front of the ISA tilted up so the cables and wire harness are not damaged.

Figure 1-392 Install the ISA



3. With the front of the ISA tilted up, pass the wire harnesses and cables through the opening in the ISA chassis.

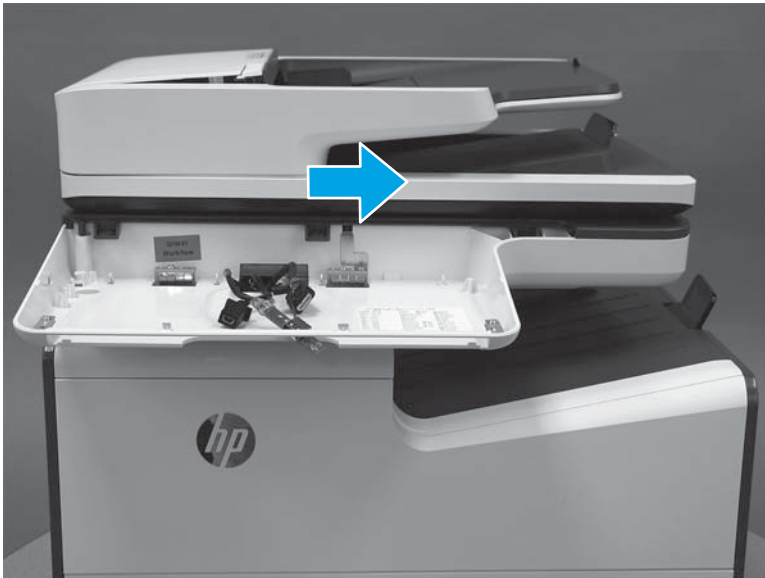
⚠ CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

Figure 1-393 Pass the wire harnesses and cables through the opening



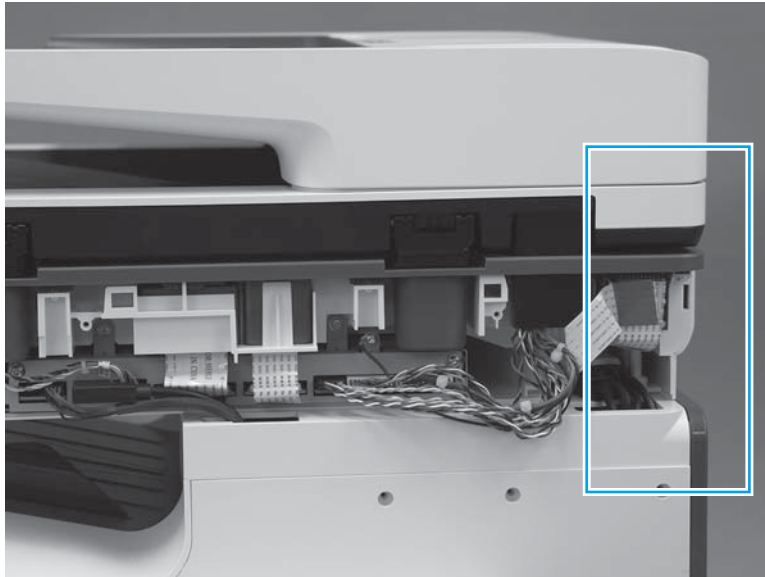
4. Lower the front of the ISA, and then slightly slide it toward the right side of the printer to engage it.

Figure 1-394 Slide the ISA right



5. Before proceeding, at the back of the printer, look at the alignment of the ISA and printer base to verify that the ISA is fully seated. The edge of the ISA should be in line with the side of the printer base.

Figure 1-395 Check the ISA and printer base alignment



6. Position the scanner base cover on the printer.

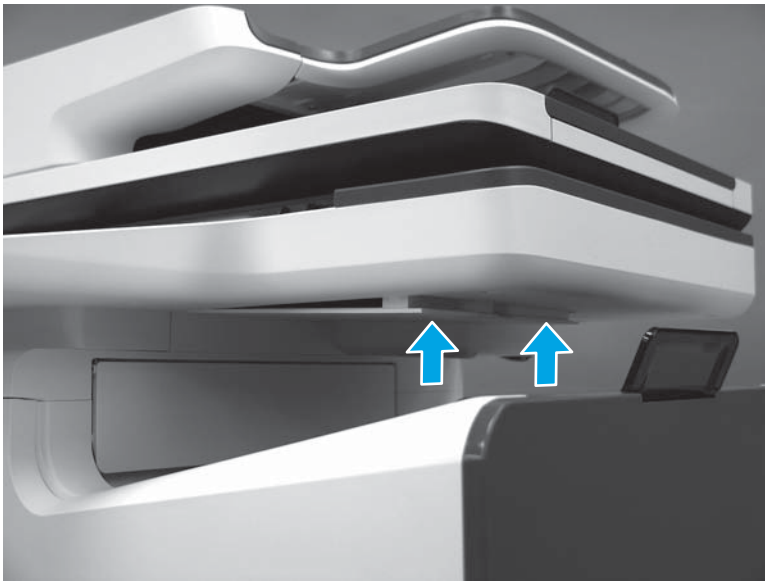
Figure 1-396 Install the scanner base cover



7. Push up on the cover to install it.

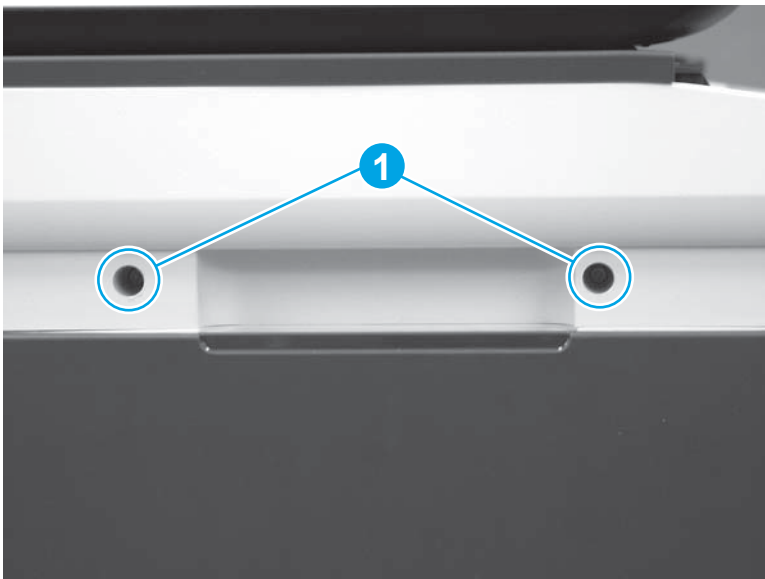
 **NOTE:** Installing the cover might require considerable force to snap it into place

Figure 1-397 Install the cover



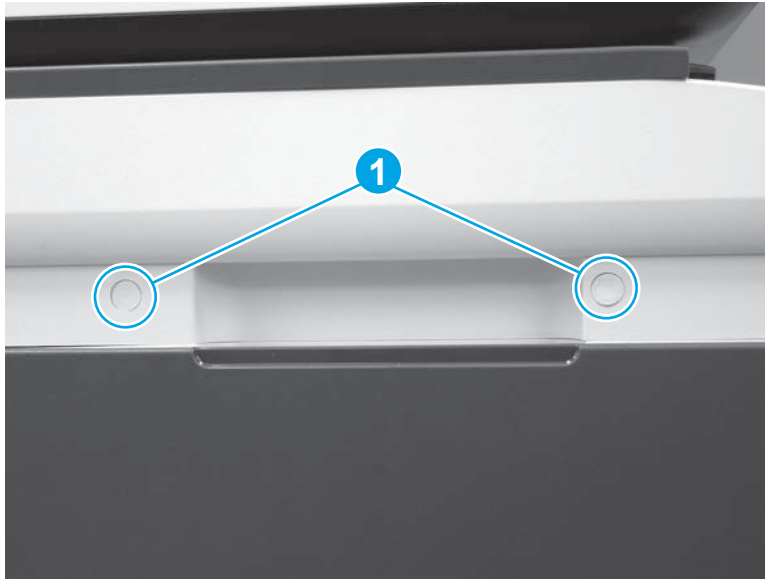
8. At the left side of the printer, install two screws (callout 1).

Figure 1-398 Install two screws



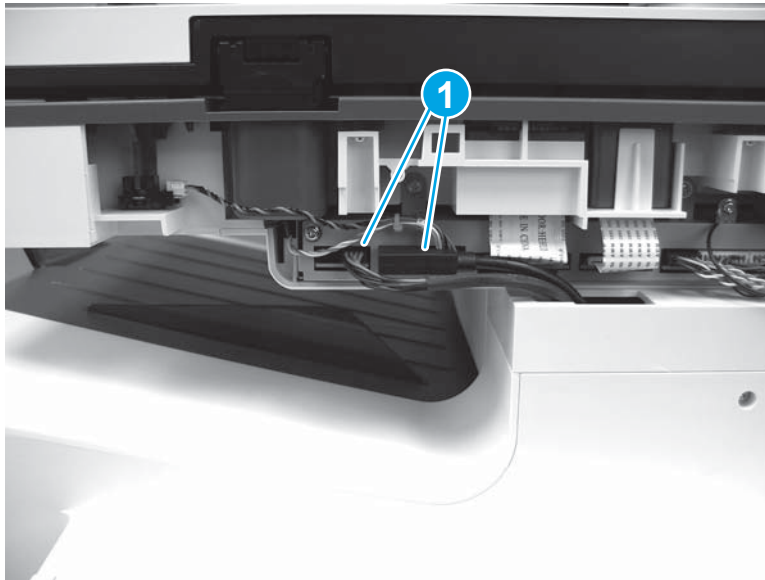
9. Install two white rubber plugs (callout 1).

Figure 1-399 Install two plugs



10. At the rear of the printer, connect two connectors (callout 1) to the SCB.

Figure 1-400 Connect two connectors



11. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-401 Align the tabs on the SCB cover



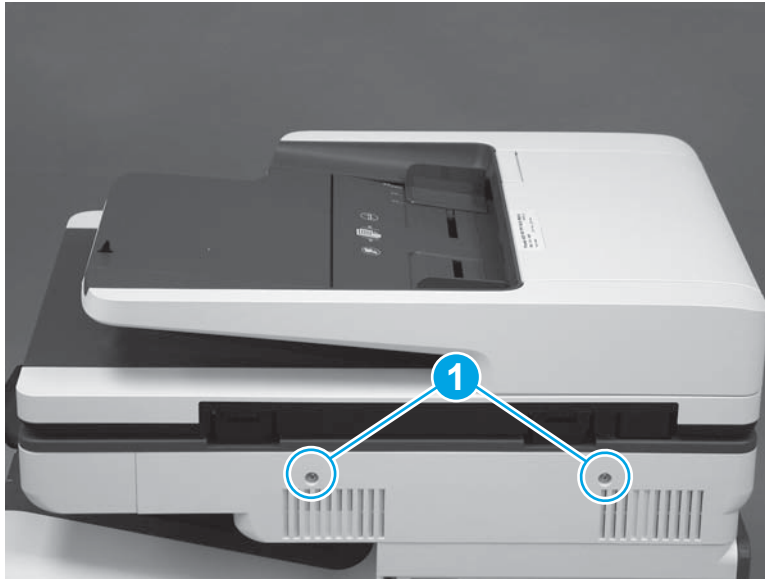
12. Push the cover straight in to install it.

Figure 1-402 Install the SCB cover



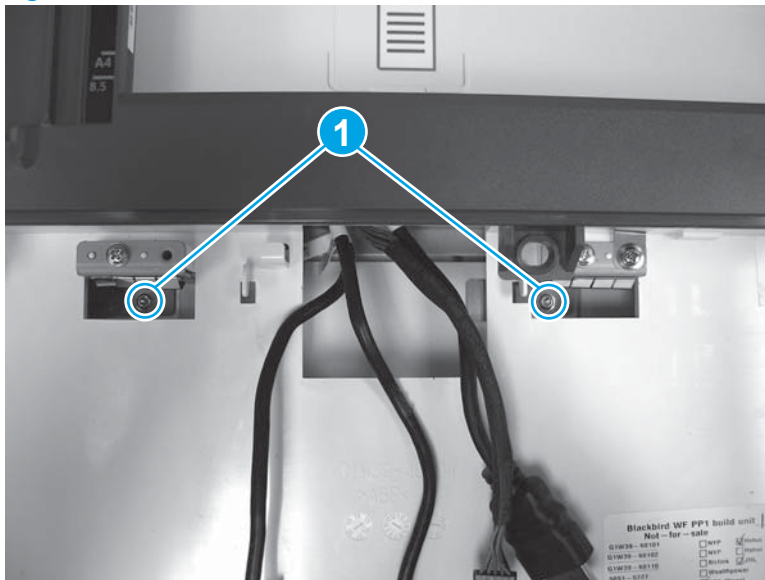
13. Install two screws (callout 1).

Figure 1-403 Install two screws



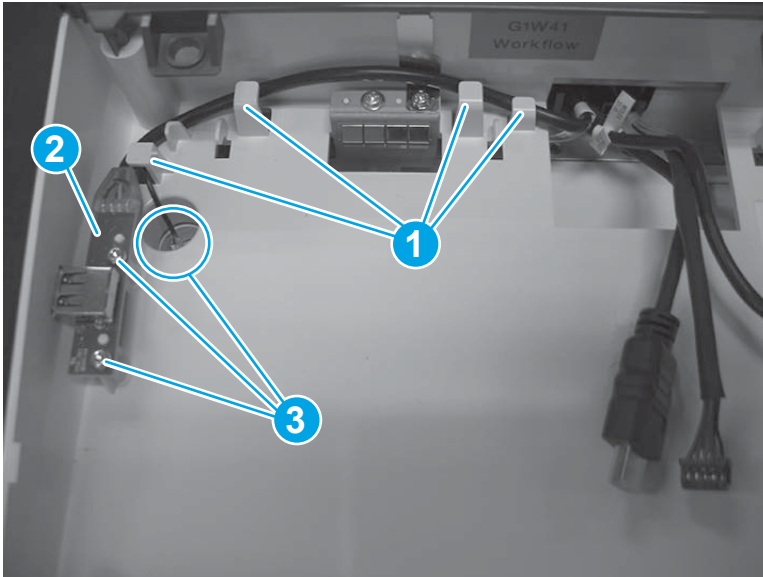
14. At the front of the printer (control panel area), install two screws (callout 1).

Figure 1-404 Install two screws



15. Install the cable in the retainers (callout 1), position the USB on the mounting bosses (callout 2), and then install three screws (callout 3).

Figure 1-405 Install the USB port PCA



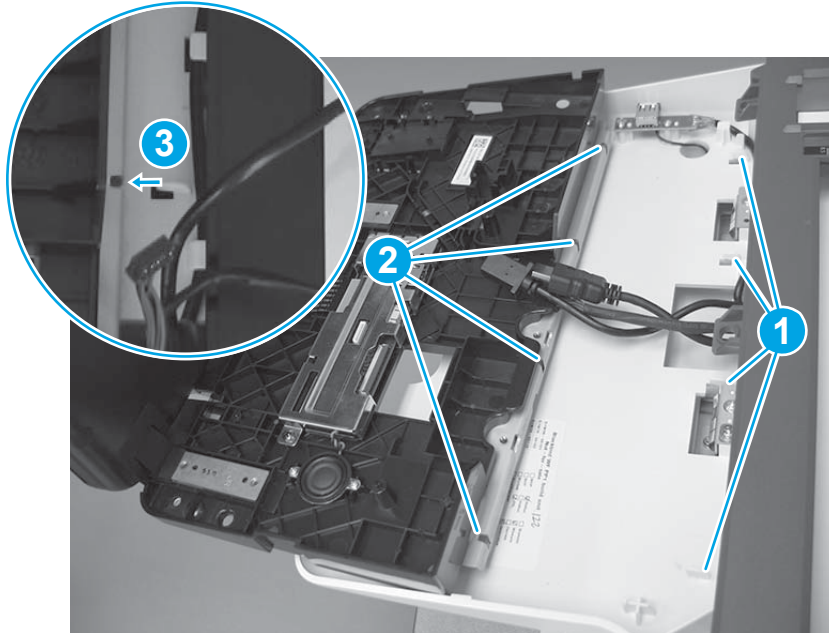
16. Install the USB port cover.

Figure 1-406 Install the USB port cover



17. Locate the four hooks on the ISA chassis (callout 1) and the matching slots in the control-panel base (callout 2). The hooks fit into the slots (callout 3) when the assembly is installed.

Figure 1-407 Locate the control-panel mounting hooks and slots



18. Position the rear edge of the control panel in the ISA chassis (callout 1), and then lower the front of the assembly down (callout 2).


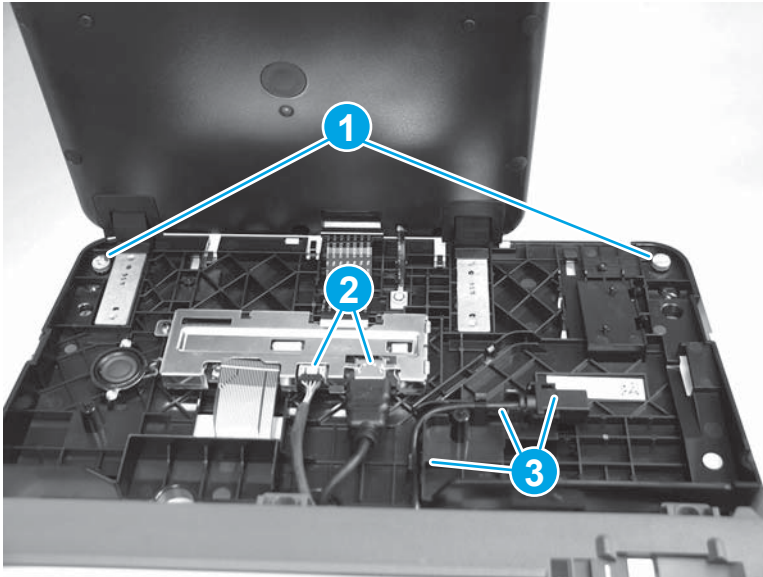
 **NOTE:** Make sure that the hooks on the ISA chassis are engaged in the slots of the control-panel base (see step 17).

Figure 1-408 Install the control panel



19. Install two thumbscrews (callout 1), connect one HDMI cable and one connector (callout 2), and then install the USB cable in the holder and retainers (callout 3).

Figure 1-409 Install thumbscrews and connect connectors



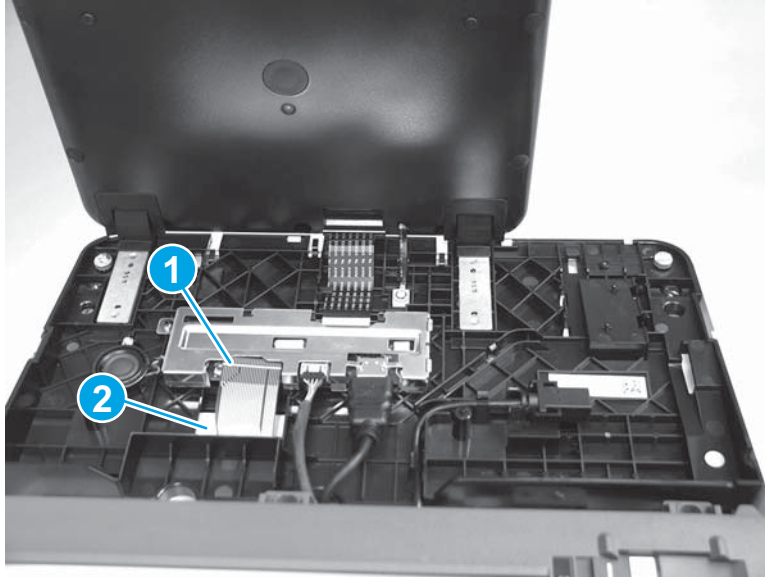
20. **586z only:** Install the keyboard, and then slide it in until it stops.

Figure 1-410 Install the keyboard (586z)



- 21. 586z only:** As the keyboard is installed, pass the flat cable (callout 1) through the opening (callout 2) in the control-panel base.

Figure 1-411 Pass the flat cable through the opening



- 22. 586z only:** Insert the Flat cable in the connector, and then close the latch.


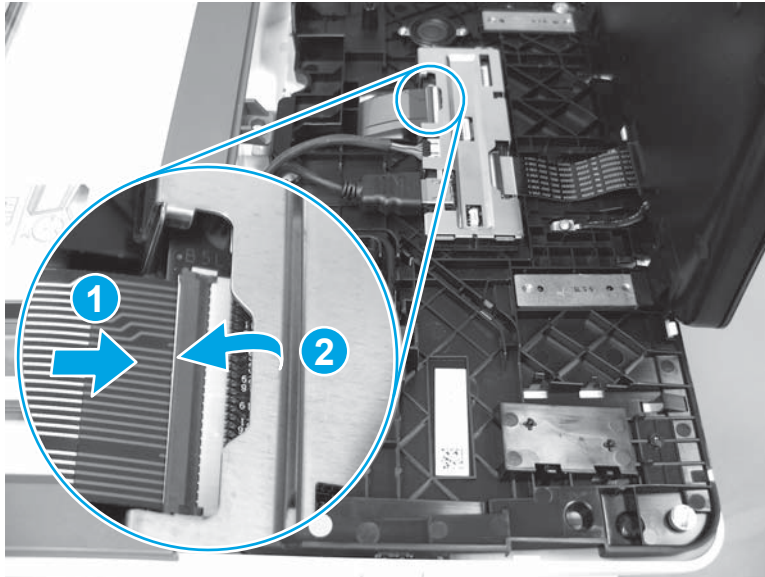
 **TIP:** When the flat cable is correctly inserted in the connector, the white line on the flat cable is parallel to the connector body.

Figure 1-412 Connect the keyboard cable (586z)



23. Position the control-panel cover on the control panel.

Figure 1-413 Install the cover



24. Beginning at the right side of the control-panel cover, carefully push down along the top edge of the cover to engage the bosses.


 **NOTE:** If the right- and left-side bosses are not fully engaged, push down along the edge of the cover to fully seat them.

Figure 1-414 Install the control-panel cover




25. Position the small gray plastic cover in the slot under the control panel, and then push it straight in to install it.

Figure 1-415 Install the cover

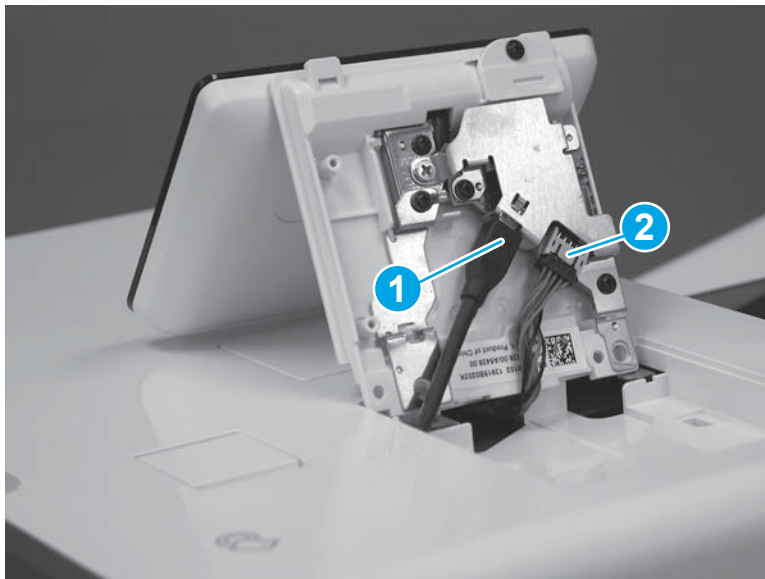


Step 25: Install the control panel (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step.

1. Connect one HDMI cable (callout 1) and one connector (callout 2).

Figure 1-416 Connect cables



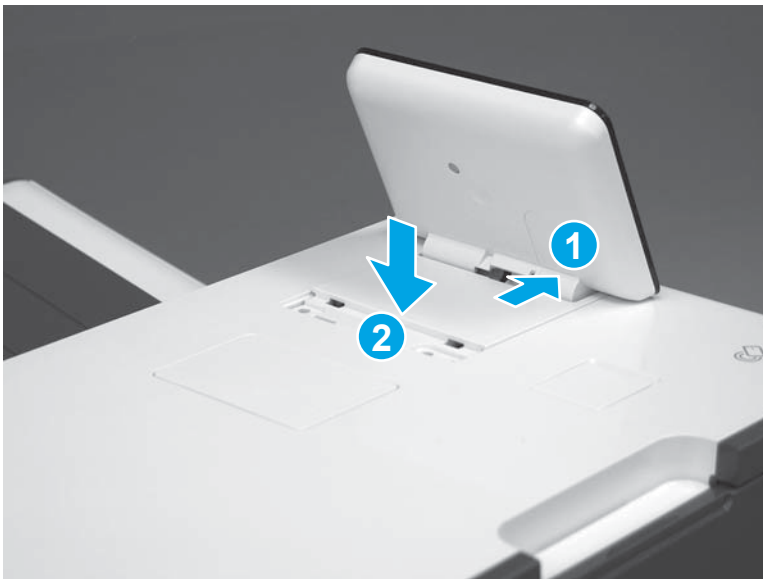
2. Install the tabs (callout 1) on the front of the control panel in the slots (callout 2) on the printer top cover.

Figure 1-417 Install the control panel



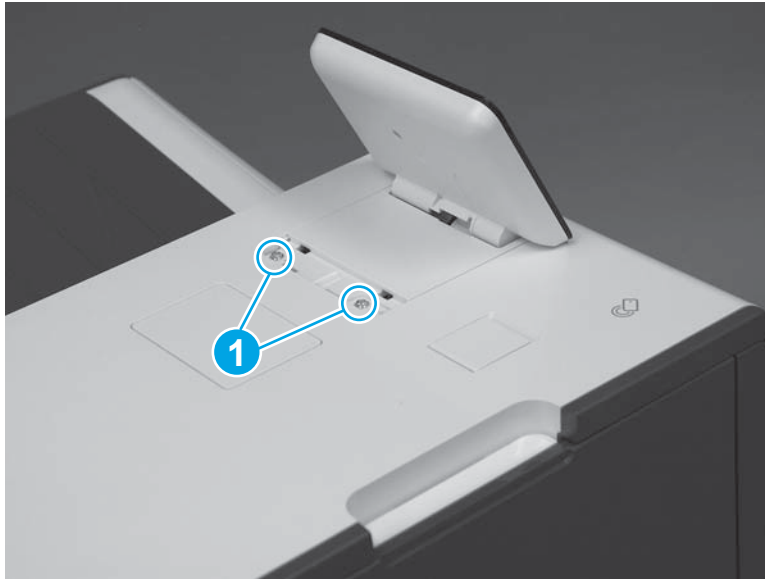
3. With the front tabs engaged in the slots (callout 1), rotate the control-panel base down onto the printer (callout 2).

Figure 1-418 Rotate the control-panel base down



4. Install two # 10 torx screws (callout 1).

Figure 1-419 Install two screws



5. Position the access cover mounting feet into the slots in the top cover (callout 1), and then rotate the cover down (callout 2) to install it.


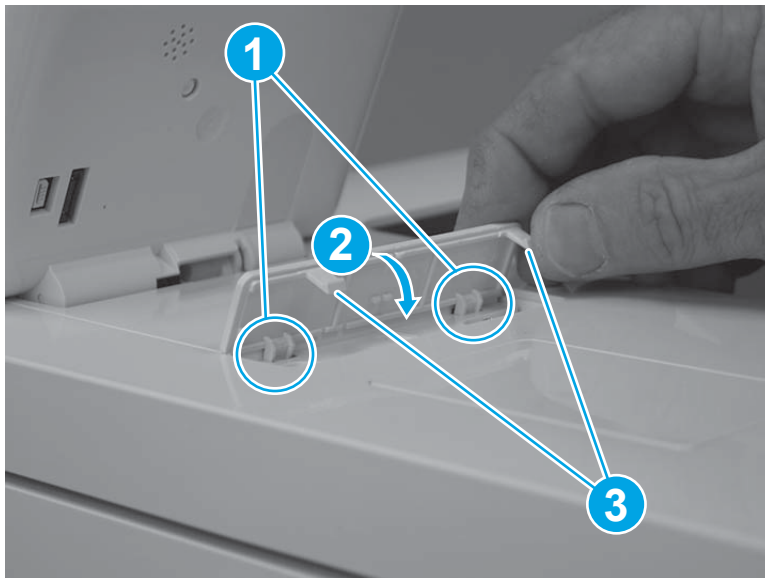
 **NOTE:** Press down on the cover firmly to make sure that the tabs (callout 3) snap into place.

Figure 1-420 Install the cover



Removal and replacement: Output-bin inner cover

- [Introduction](#)
- [Step 1: Removal the control panel \(556\)](#)
- [Step 2: Remove the integrated scanner assembly \(ISA; 586\)](#)
- [Step 3: Remove the left-rear top cover cap \(556\)](#)
- [Step 4: Remove the left rear cover](#)
- [Step 5: Remove the left-front top cover cap \(556\)](#)
- [Step 6: Remove the left front cover](#)
- [Step 7: Remove the right cover \(outer\)](#)
- [Step 8: Remove the formatter cover](#)
- [Step 9: Remove the rear cover](#)
- [Step 10: Remove the top cover \(556\)](#)
- [Step 11: Remove the top cover \(586\)](#)
- [Step 12: Removal the front cover](#)
- [Step 13: Remove the output-bin inner cover](#)
- [Step 14: Install the output-bin inner cover](#)
- [Step 15: Install the front cover](#)
- [Step 16: Install the top cover \(586\)](#)
- [Step 17: Install the top cover \(556\)](#)
- [Step 18: Install the rear cover](#)
- [Step 20: Install the formatter cover](#)
- [Step 20: Install the right cover \(outer\)](#)
- [Step 21: Install the left front cover](#)
- [Step 22: Install the left-front top cover cap \(556\)](#)
- [Step 23: Install the left rear cover](#)
- [Step 24: Install the left-rear top cover cap \(556\)](#)
- [Step 25: Install the integrated scanner assembly \(ISA; 586\)](#)
- [Step 26: Install the control panel \(556\)](#)


Introduction

This document provides the procedures to remove and replace the output-bin inner cover.

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.

Output-bin inner cover part number	
Not orderable	Output-bin inner cover

Required tools

- Small flat-blade screwdriver.
- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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 are available for this assembly.

Step 1: Removal the control panel (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 2: Remove the integrated scanner assembly \(ISA; 586\) on page 276](#).

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

Figure 1-421 Tilt the control panel up



2. Insert a small flat-blade screwdriver into the notch in the cover, and then carefully pry up the cover to release it. Remove the cover.

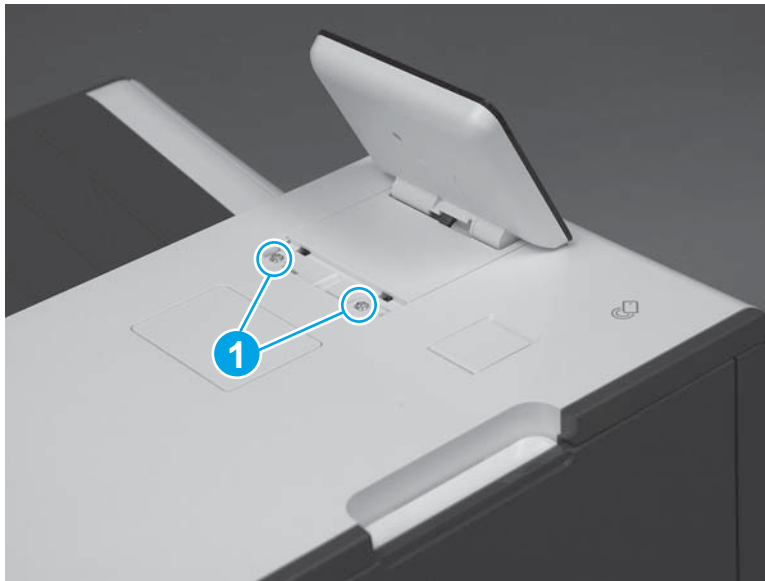
Figure 1-422 Release two tabs



3. Remove two # 10 torx screws (callout 1).

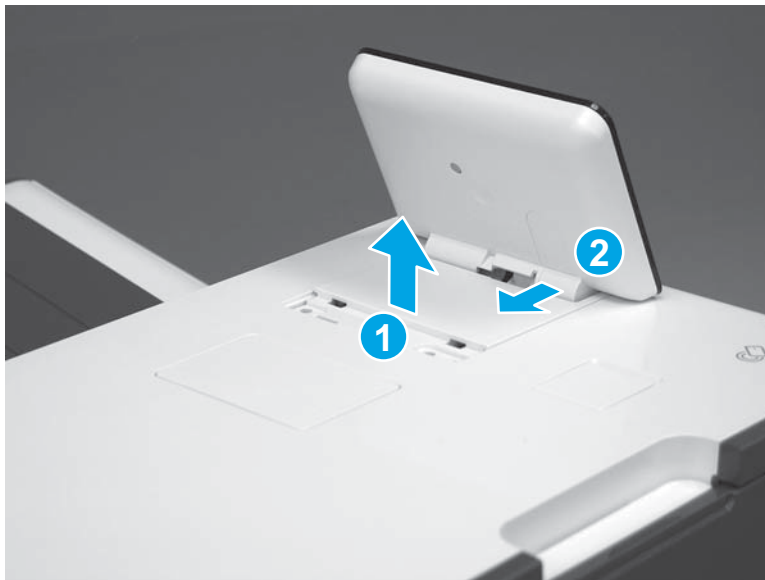
CAUTION: Store the screws in a secure place where they cannot fall down into the printer.

Figure 1-423 Remove two screws



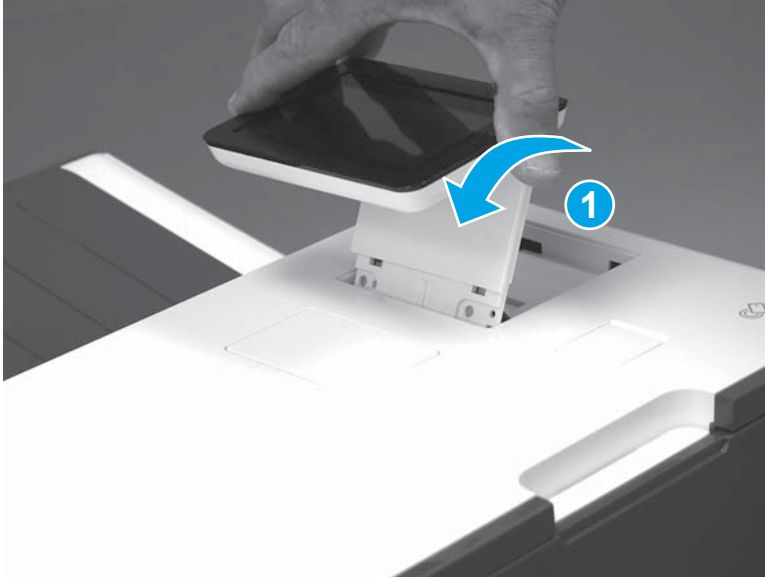
4. Lift up the rear edge of the control panel (callout 1), and then slightly slide it toward the rear of the printer (callout 2) to release the front tabs.

Figure 1-424 Release the control panel over



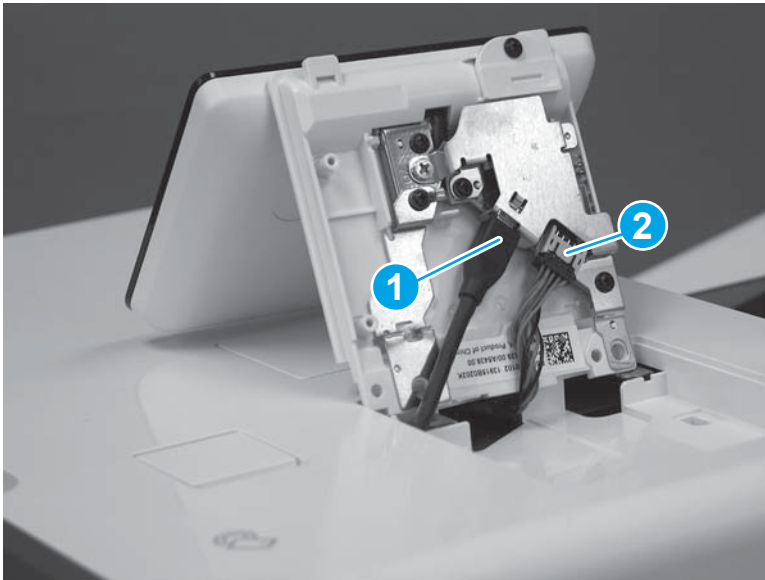
5. Turn the control panel over (callout 1), to gain access to the bottom side.

Figure 1-425 Turn the control panel over




6. Disconnect one HDMI cable (callout 1) and one connector (callout 2), and then remove the control panel.

Figure 1-426 Disconnect connectors and remove the control panel



Step 2: Remove the integrated scanner assembly (ISA; 586)

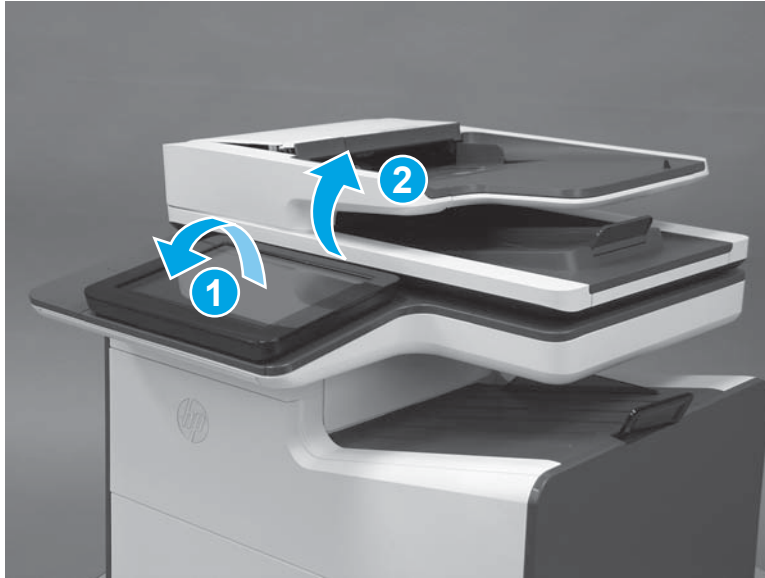
 **NOTE:** This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 3: Remove the left-rear top cover cap \(556\) on page 288.](#)

 **NOTE:** The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

1. If the control panel is in the down position, tilt it up to the fully raised position, and then open the document feeder.

Figure 1-427 Tilt the control panel up



2. Use a small flat blade screwdriver to release the small gray plastic cover under the control panel.

Figure 1-428 Release the small gray plastic cover



3. Remove the cover.

Figure 1-429 Remove the cover



4. Beginning at the left side of the control-panel cover, carefully release three bosses along the top edge of the cover.

Figure 1-430 Release three bosses



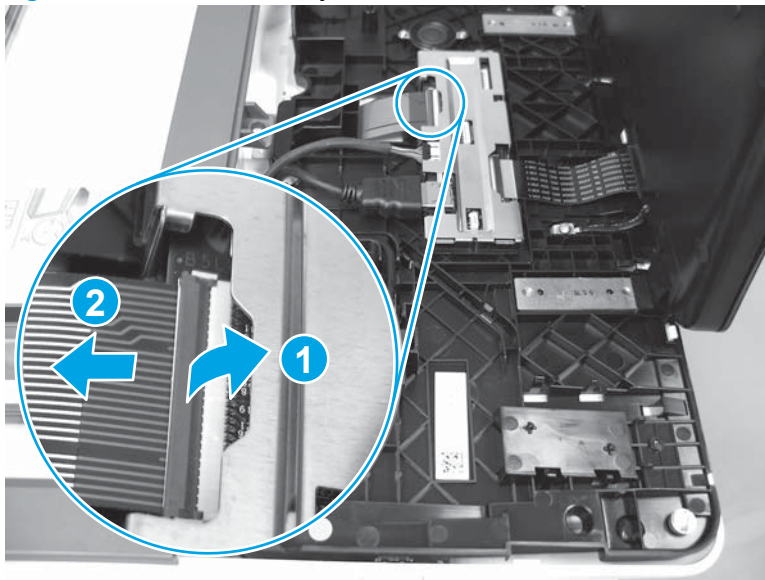
5. Lift up on the cover to release the right- and left-side bosses, and then remove the cover.

Figure 1-431 Remove the control-panel cover



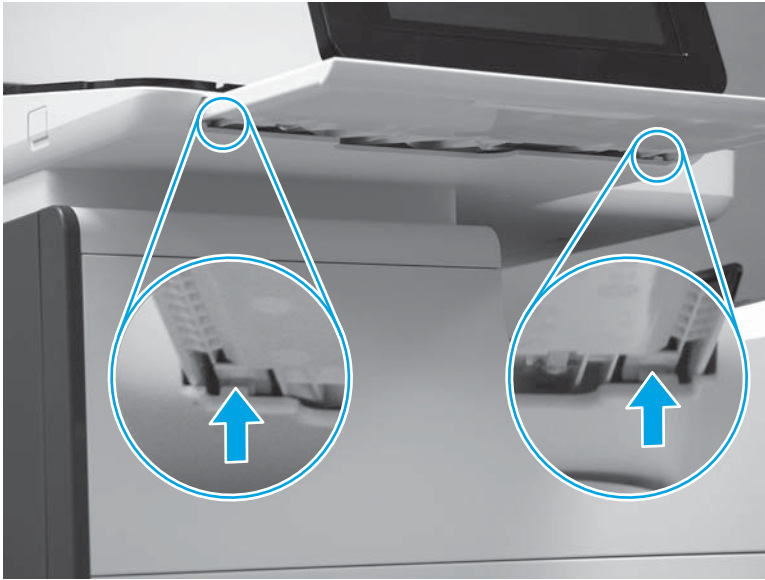
6. **586z only:** Open the connector latch to release the keyboard flat cable.

Figure 1-432 Release the keyboard cable (586z)



7. **586z only:** Slide the keyboard out until it stops, and then release two tabs on the keyboard.

Figure 1-433 Release two tabs (586z)



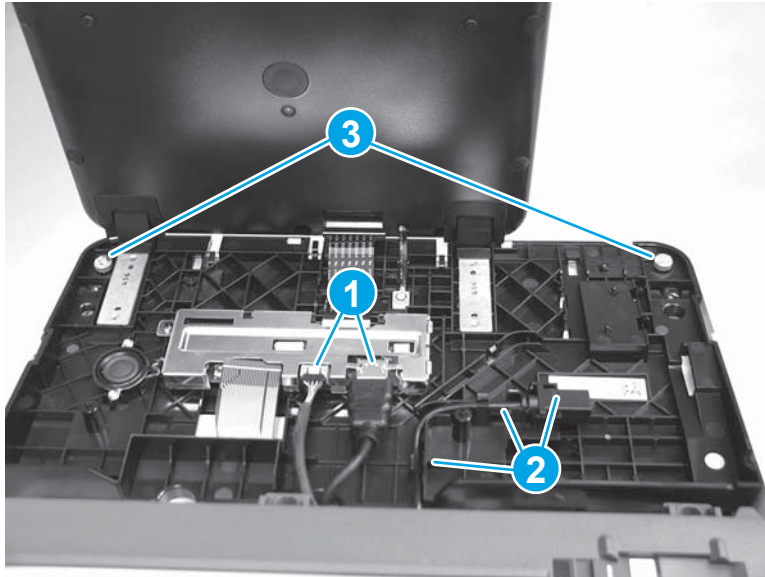
8. **586z only:** Remove the keyboard.

Figure 1-434 Remove the keyboard (586z)



9. Disconnect one HDMI cable and one connector (callout 1), release the USB cable from the holder and retainers (callout 2), and then remove two thumbscrews (callout 3).

Figure 1-435 Disconnect connectors and remove thumbscrews



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

Figure 1-436 Remove the control panel



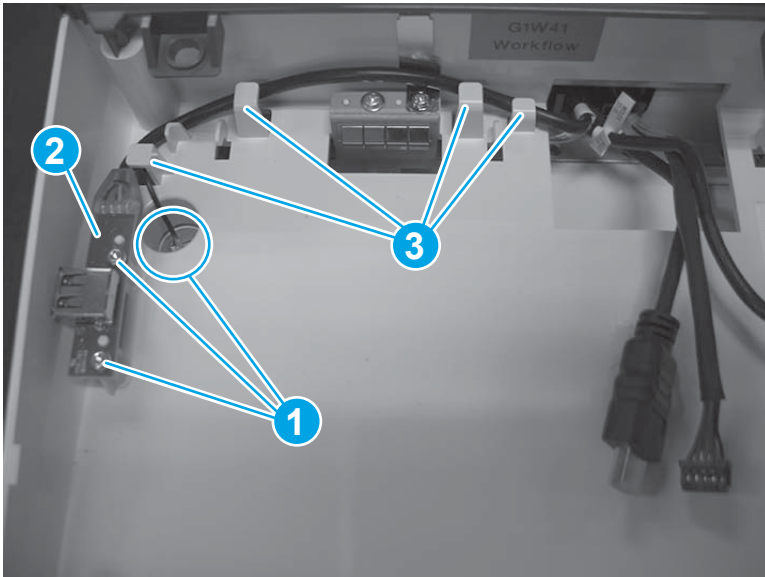
11. Remove the USB port cover.

Figure 1-437 Remove the USB port cover



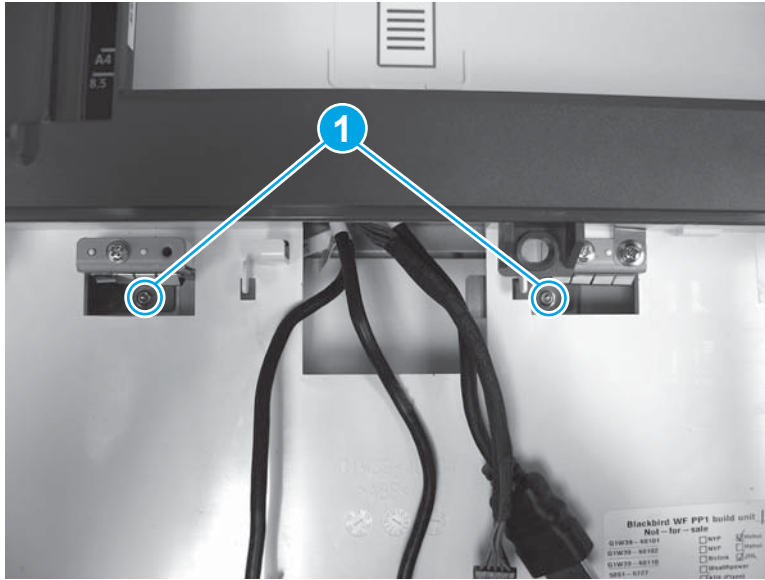
12. Remove three screws (callout 1) to release the USB port PCA (callout 2), and then release the cable from the retainers (callout 3).

Figure 1-438 Remove screws and release the cable



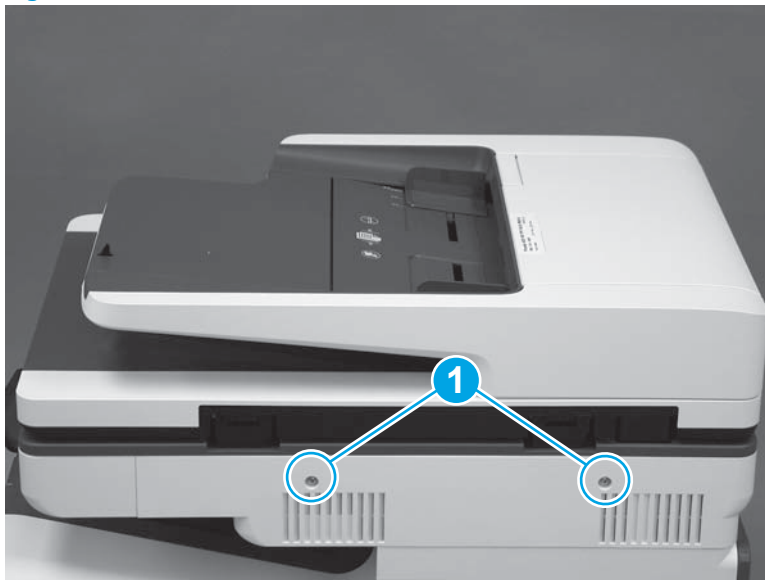
13. Remove two screws (callout 1).

Figure 1-439 Remove two screws



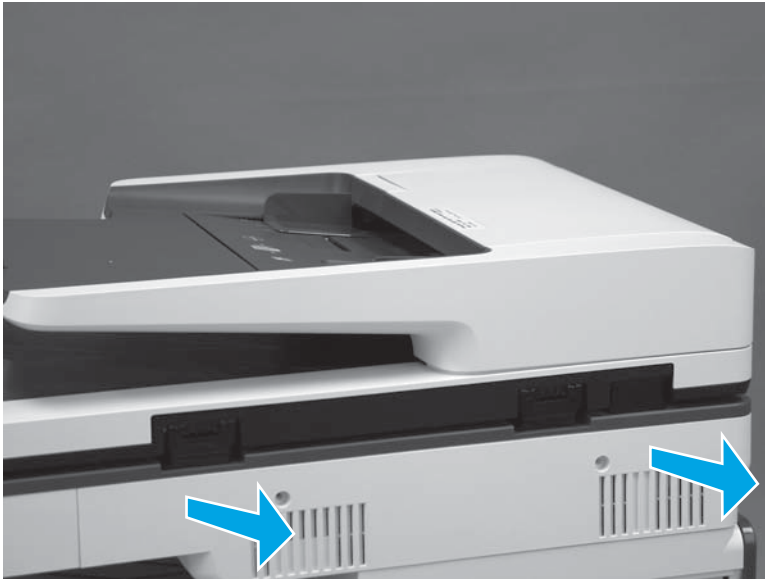
14. At the back of the printer, remove two screws (callout 1).

Figure 1-440 Remove two screws



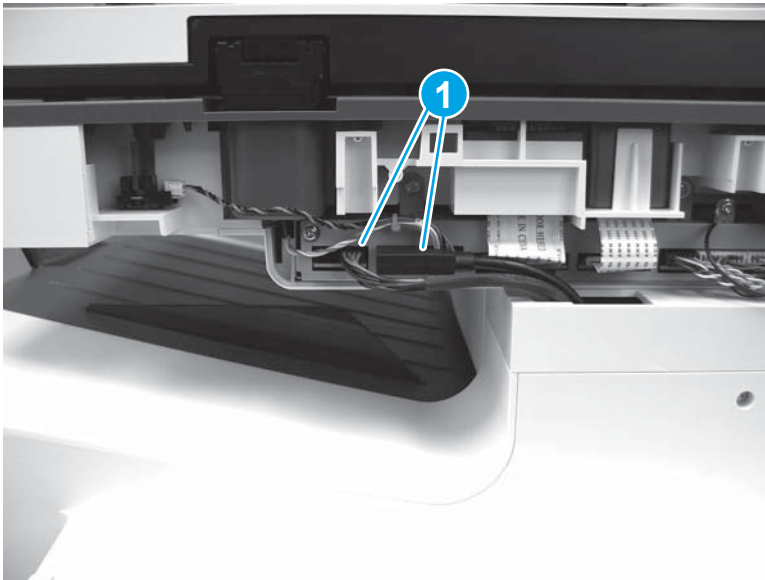
15. Pull the scanner control board (SCB) cover straight off the printer to remove it.

Figure 1-441 Remove the SCB cover



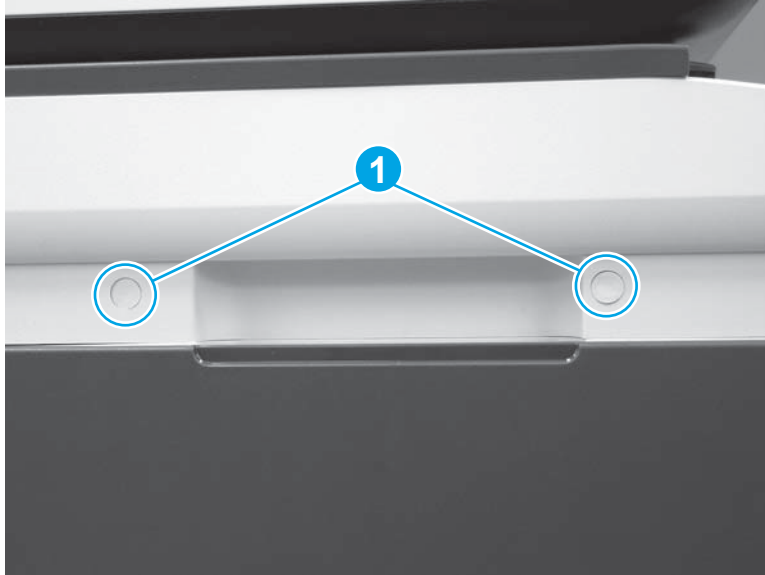
16. At the left end of the SCB, disconnect two connectors (callout 1).

Figure 1-442 Disconnect two connectors



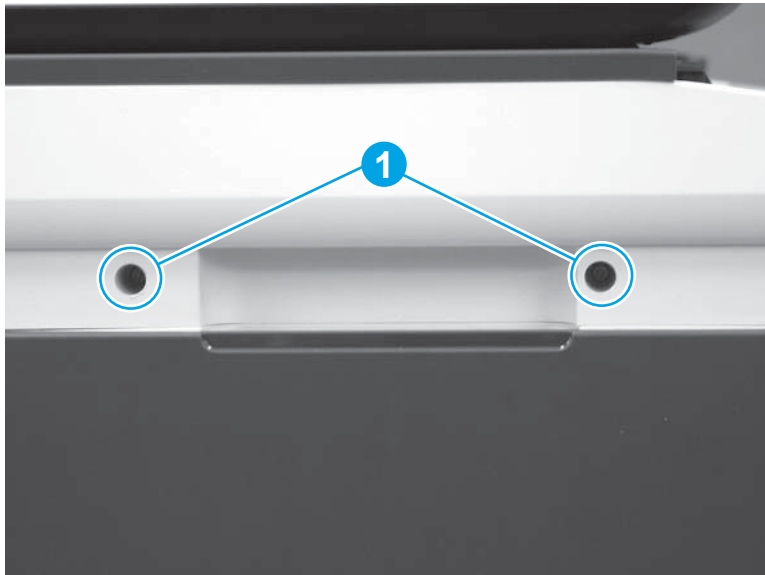
17. At the left side of the printer, use a small flat blade screwdriver to carefully remove two white rubber plugs (callout 1).

Figure 1-443 Remove two plugs



18. Remove two screws (callout 1).

Figure 1-444 Remove two screws



19. Use a flat blade screwdriver to release the scanner base cover.


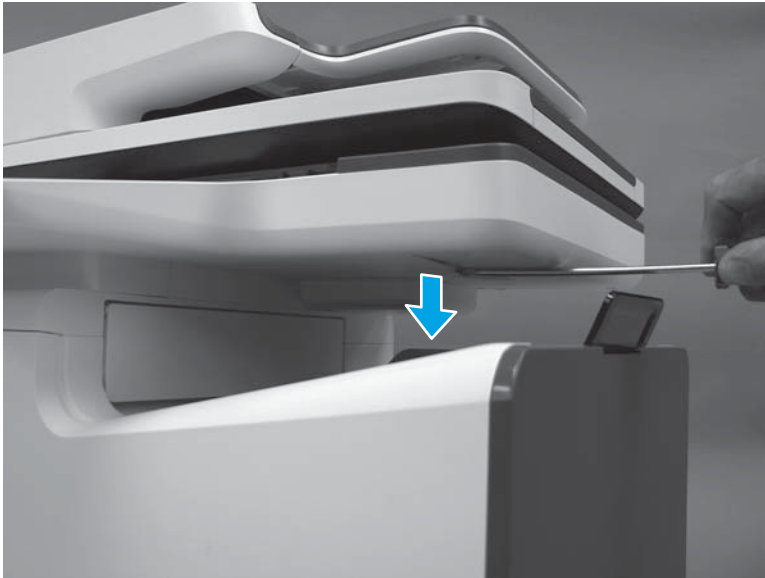
 **NOTE:** Use a screwdriver with at least a 152 mm (6 in) shaft to release the cover. This cover can be difficult to remove and might require some force to release it from the ISA.

Figure 1-445 Release the cover



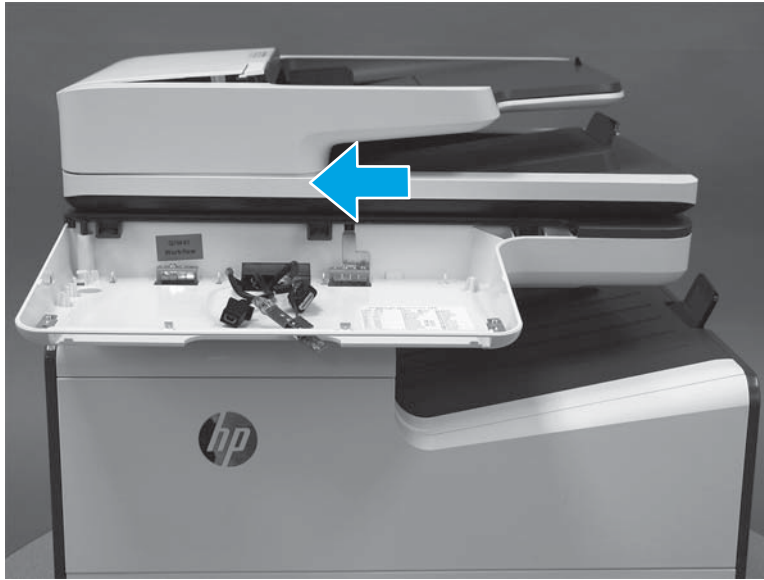
20. Remove the cover.

Figure 1-446 Remove the scanner base cover



21. Slightly slide the ISA toward the left side of the printer to release it.

Figure 1-447 Slide the ISA left



22. Slightly lift the front of the ISA up, and then pass the wire harnesses and cables through the opening in the ISA chassis.

CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

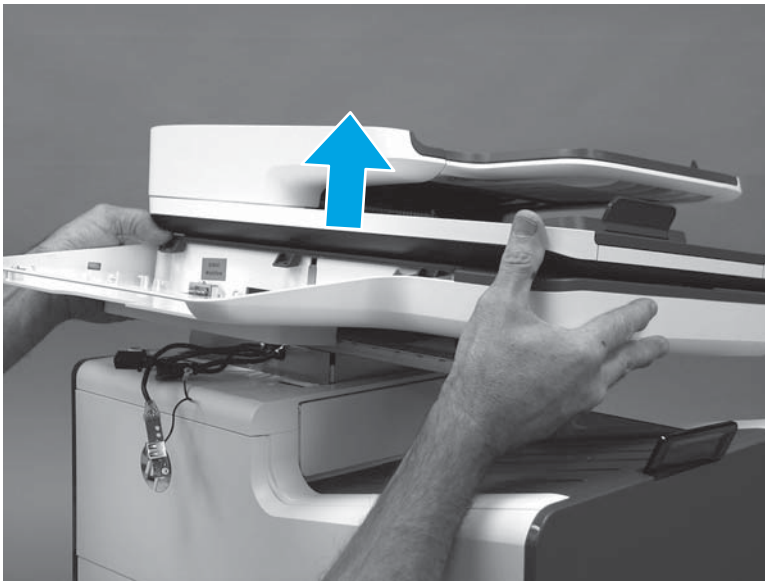
Figure 1-448 Pass the wire harnesses and cables through the opening



23. Lift the ISA straight up and off of the printer base to remove it.

CAUTION: The ISA is bulky and heavy. Do not drop the ISA.

Figure 1-449 Remove the ISA



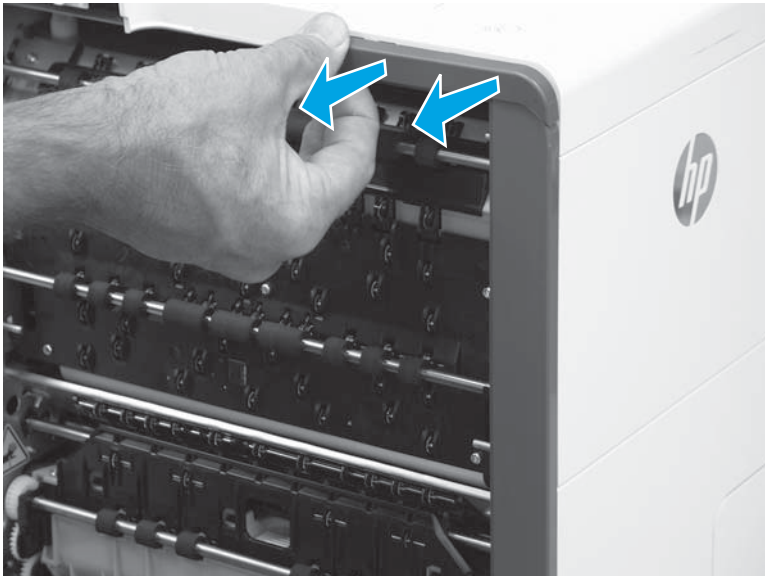
Step 3: Remove the left-rear top cover cap (556)

NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 4: Remove the left rear cover on page 289](#).


- ▲ Open the left door, and then carefully pull the cover off of the printer.

TIP: It might be easier to remove the cover off by using a small flat-blade screwdriver.

Figure 1-450 Remove left-front top cover cap (556)

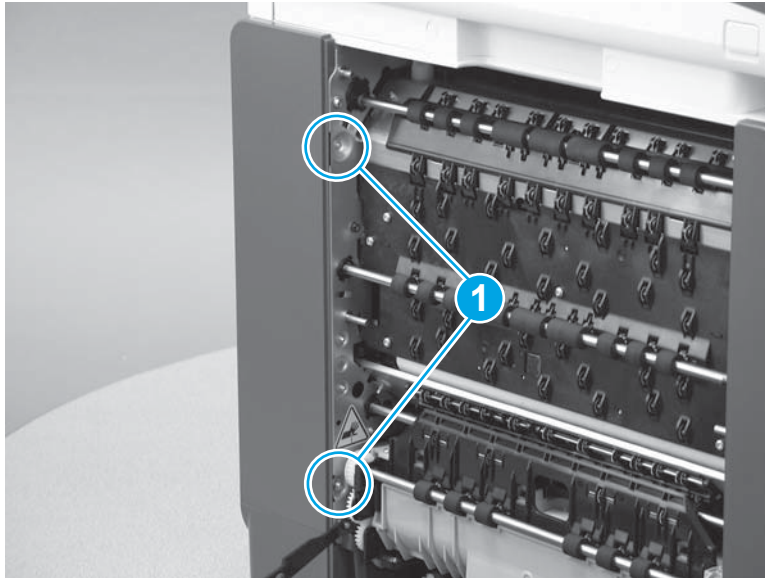


Step 4: Remove the left rear cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove two screws (callout 1).

Figure 1-451 Remove two screws



2. Release the cover by sliding it up about 10 mm (0.4 in).


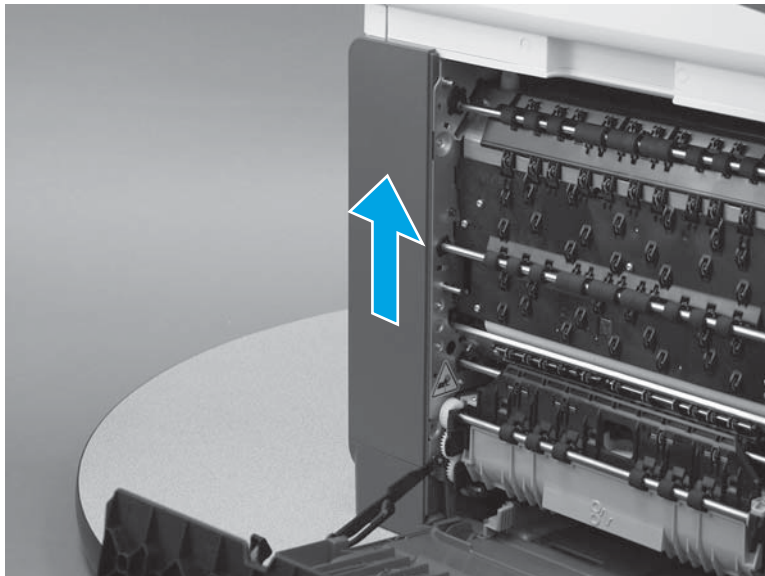
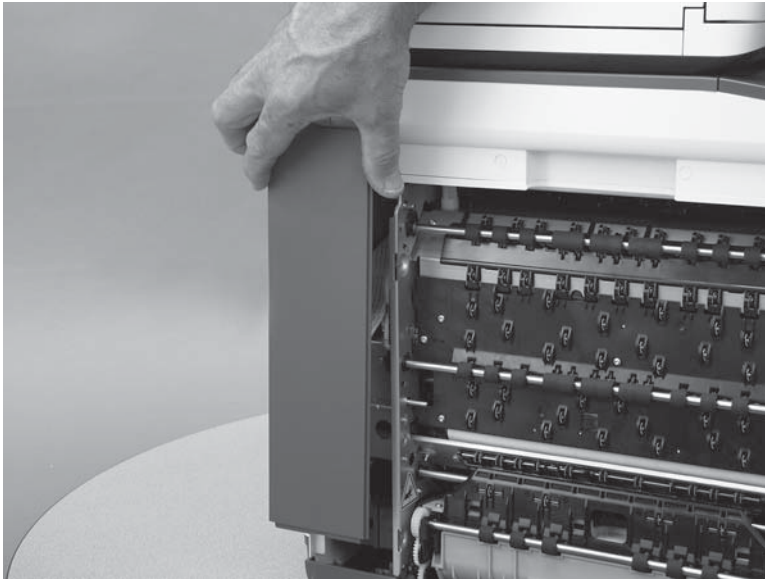
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-452 Release the cover



3. Remove the cover.

Figure 1-453 Remove the left rear cover



Step 5: Remove the left-front top cover cap (556)



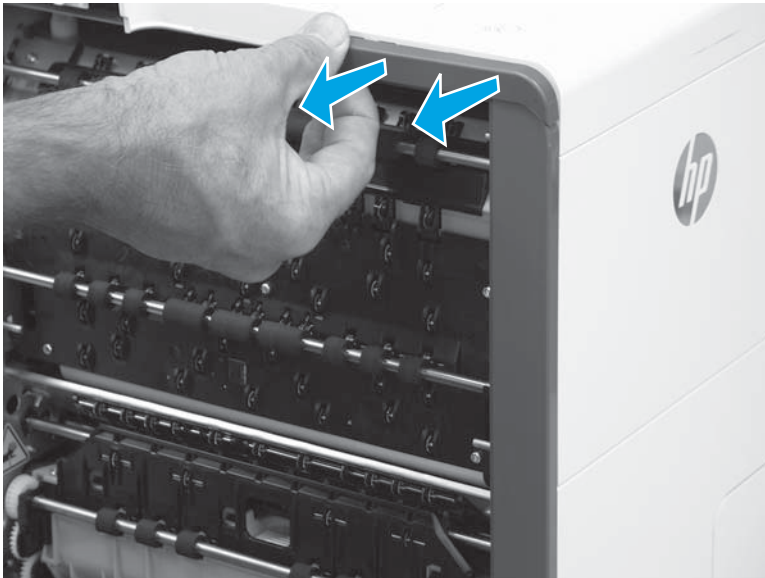
NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 6: Remove the left front cover on page 291](#).

- ▲ Open the left door, and then carefully pull the cover off of the printer.




TIP: It might be easier to remove the cover by using a small flat-blade screwdriver.

Figure 1-454 Remove left-front top cover cap (556)

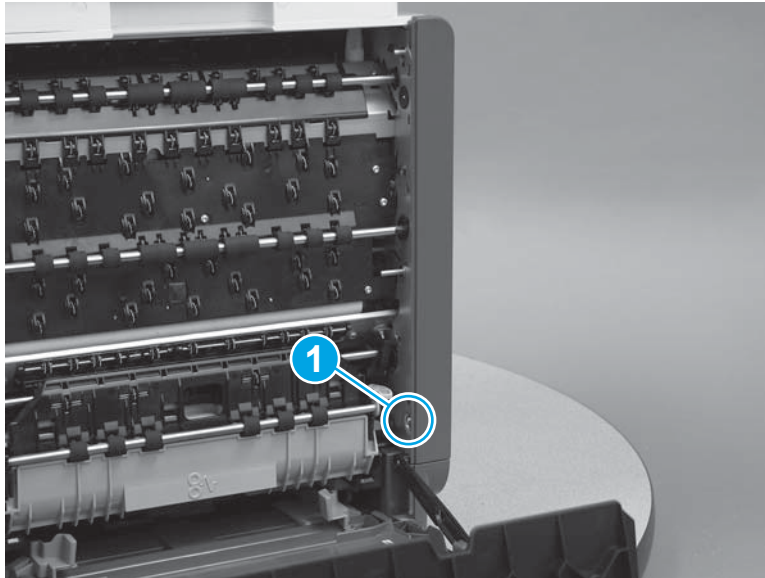


Step 6: Remove the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Remove one screw (callout 1).

Figure 1-455 Remove one screw



2. Release one tab (callout 1), and then release the cover by sliding it up about 10 mm (0.4 in).


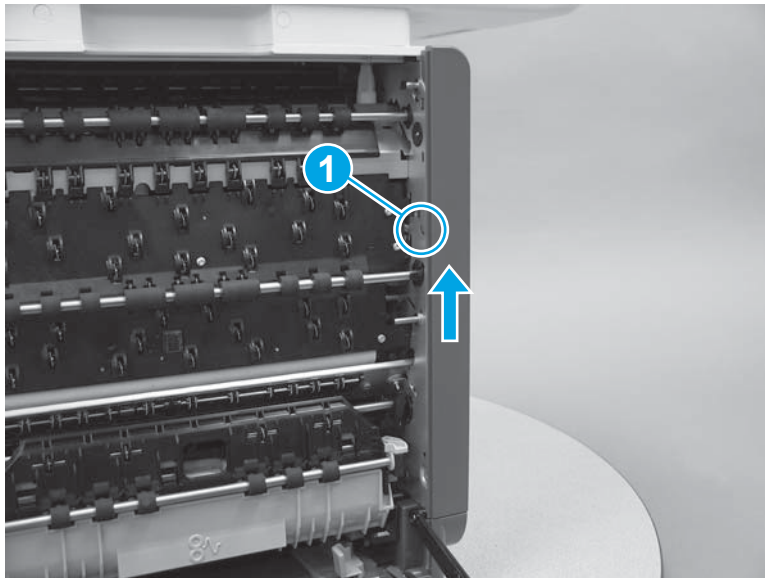
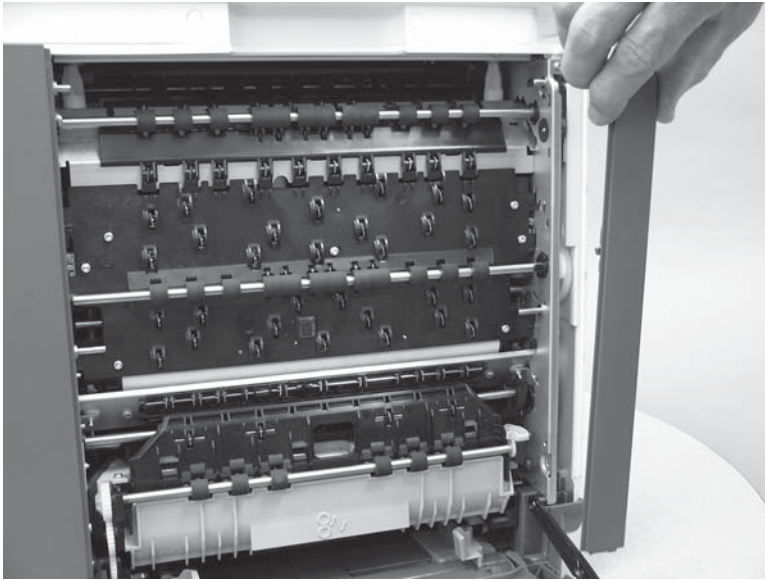
 **NOTE:** This cover can be very difficult to release. It might be easier to use a flat-blade screwdriver to pry the bottom edge of the cover up and away from the chassis.

Figure 1-456 Release the cover



3. Remove the cover.

Figure 1-457 Remove the left front cover



Step 7: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


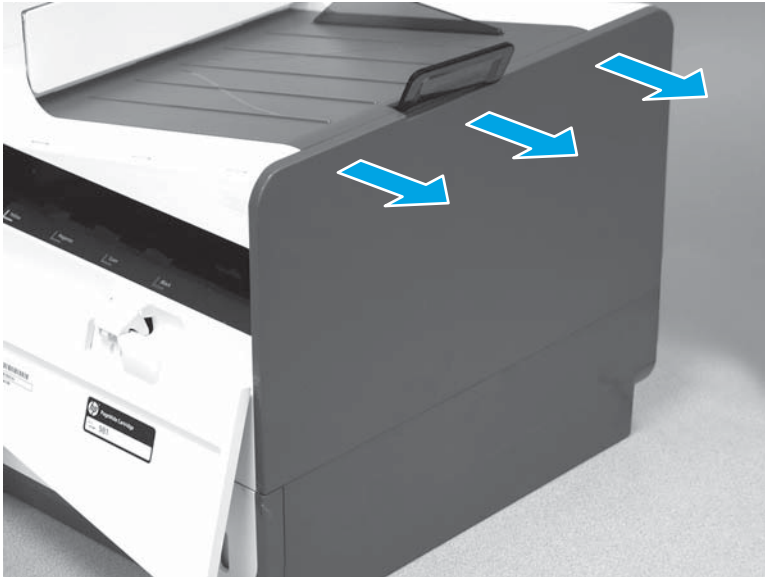
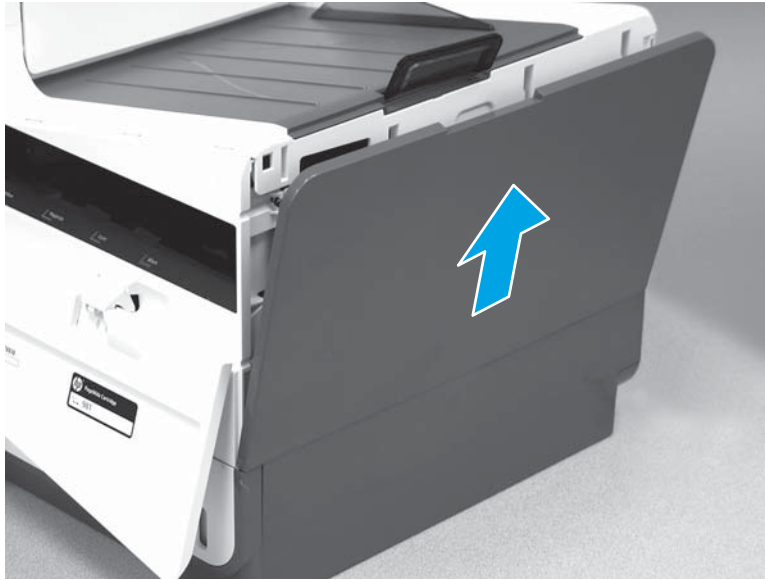
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-458 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-459 Remove the right cover (outer)



Step 8: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


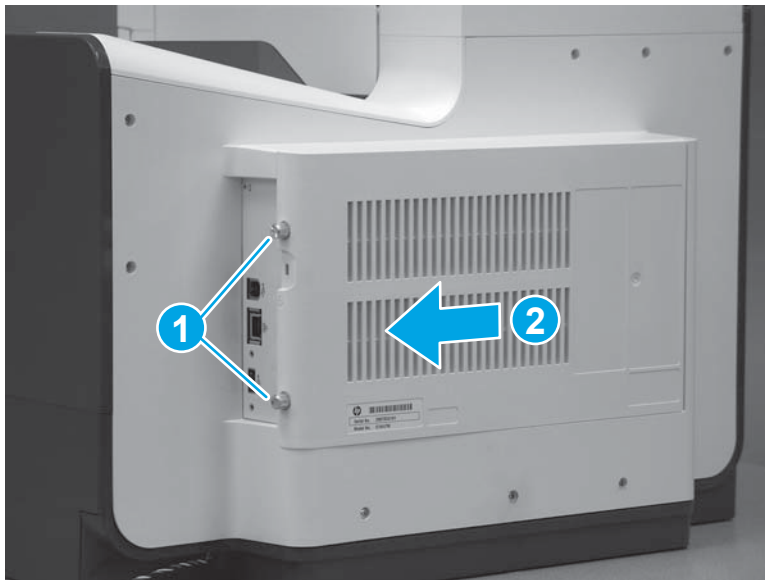
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-460 Remove the formatter cover



Step 9: Remove the rear cover

1. Remove eight screws (callout 1).


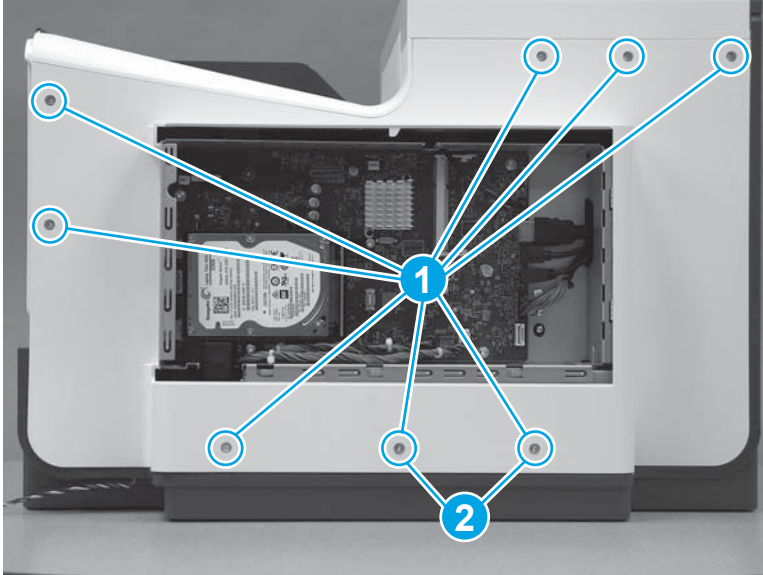
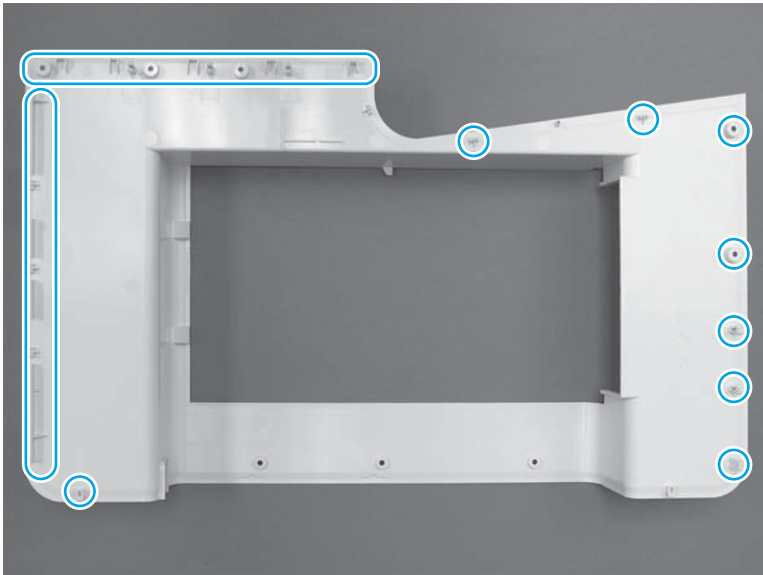
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-461 Remove eight screws



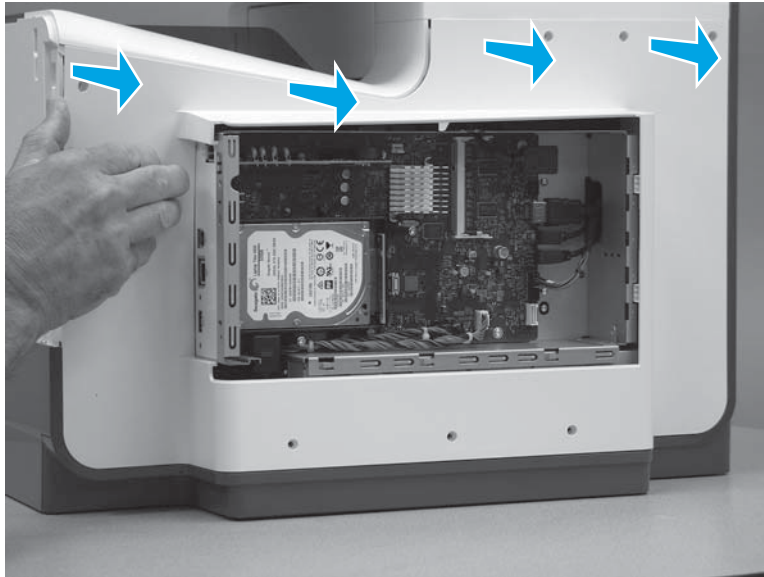
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-462 Find the tabs and bosses on the rear cover



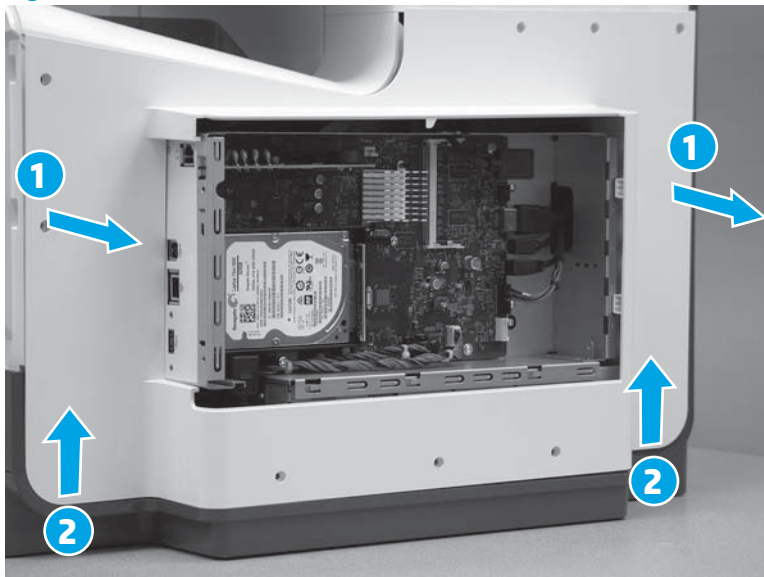
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-463 Release the top edge of the cover




4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

Figure 1-464 Remove the rear cover

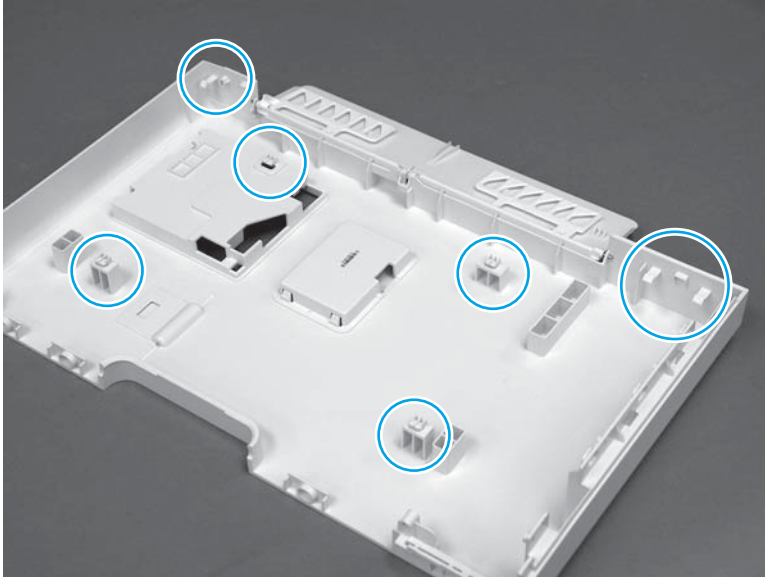


Step 10: Remove the top cover (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 11: Remove the top cover \(586\) on page 298](#).

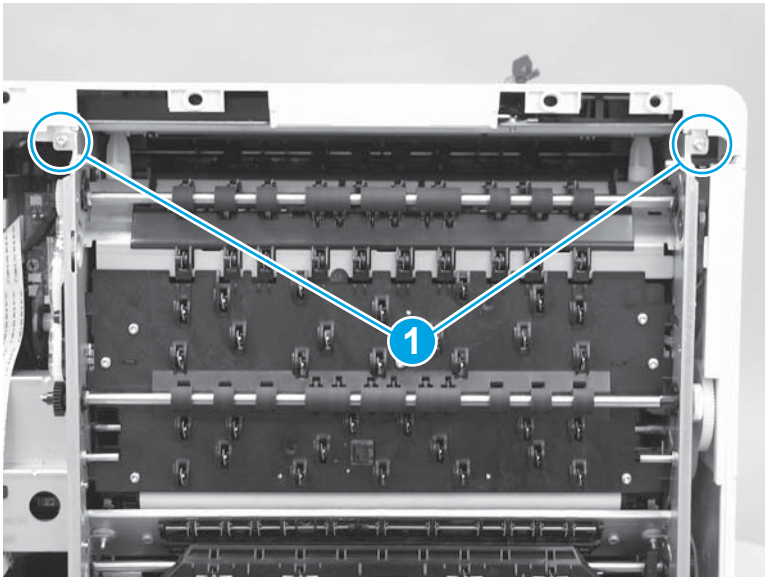
1. Before proceeding, take note of the tabs and hooks on the top cover.

Figure 1-465 Tabs and hooks on the top cover



2. On the left side of the printer, remove two screws (callout 1).

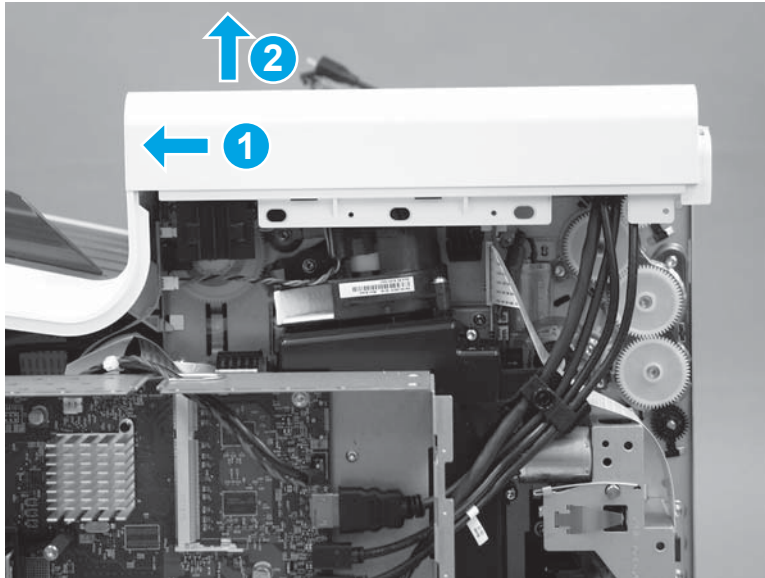
Figure 1-466 Remove two screws



3. At the rear of the printer, flex the top cover to the left (callout 1) and then slightly lift it up (callout 2) to release two tabs.

 **NOTE:** To locate the tabs, see step 1.

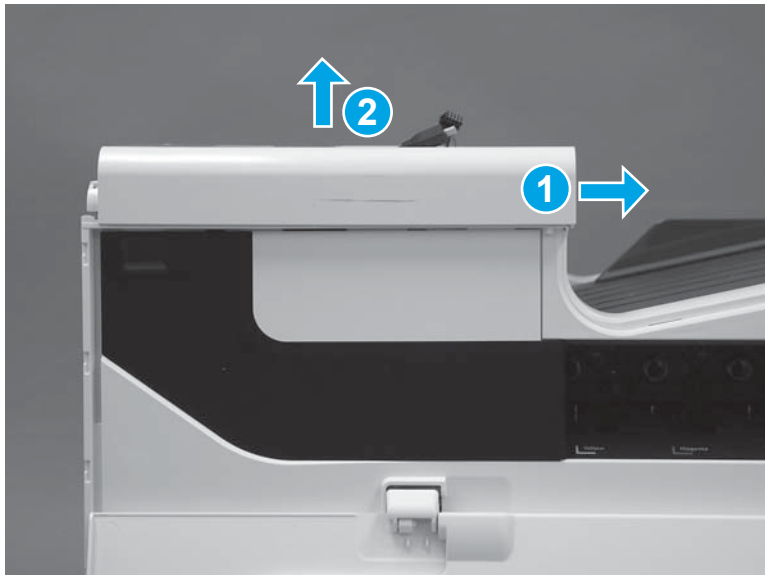
Figure 1-467 Release two tabs



4. At the front of the printer, slide the cover to the right (callout 1) to release the remaining tabs and the hooks (callout 2).

 **NOTE:** To locate the tabs, see step 1.

Figure 1-468 Release the cover



5. Remove the cover.


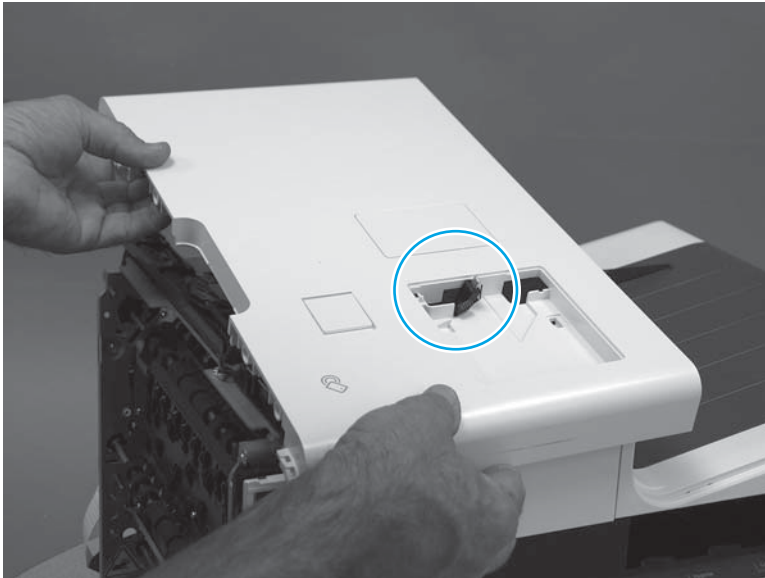
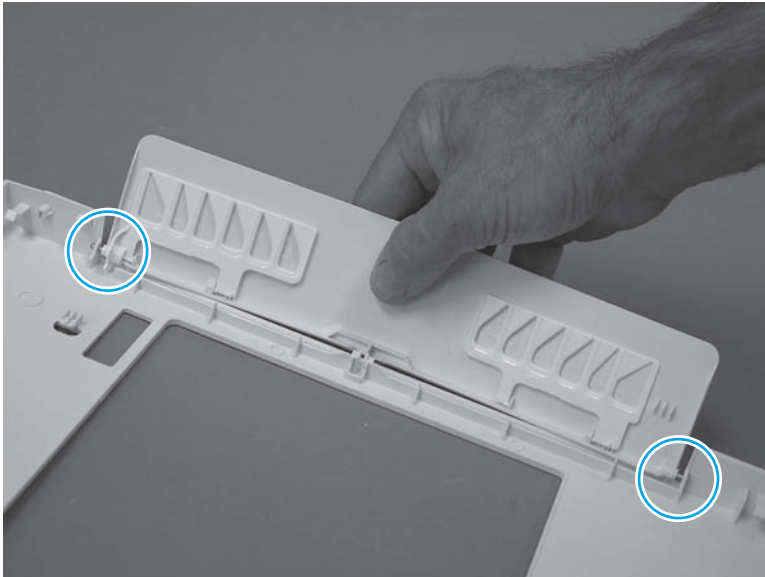
 **NOTE:** Pass the control-panel cable and wire harness through the opening in the cover as it is removed.

Figure 1-469 Remove the top cover (556)




6. **Optional step:** If a replacement top cover is being installed, remove the output bin flap by flexing the center of the flap to release the right- and left-side hinge pins from the holes in the cover.

Figure 1-470 Remove the output bin flap

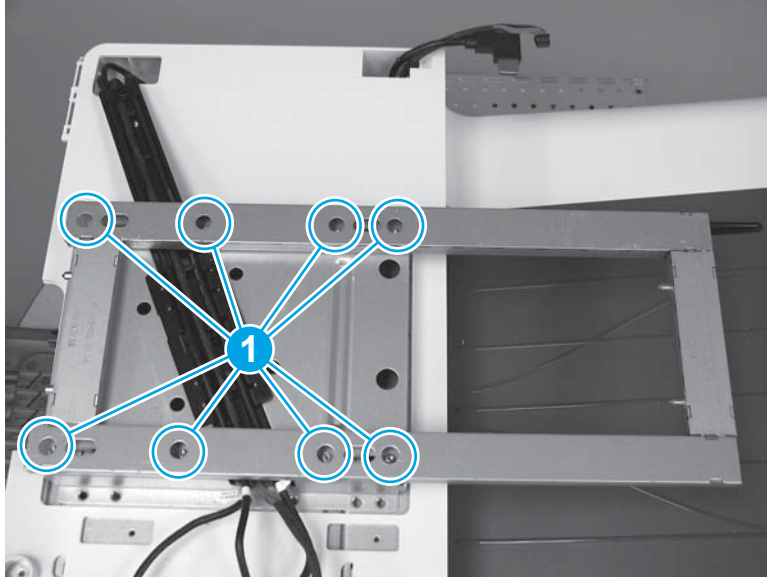


Step 11: Remove the top cover (586)

 **NOTE:** This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 12: Removal the front cover on page 303](#).

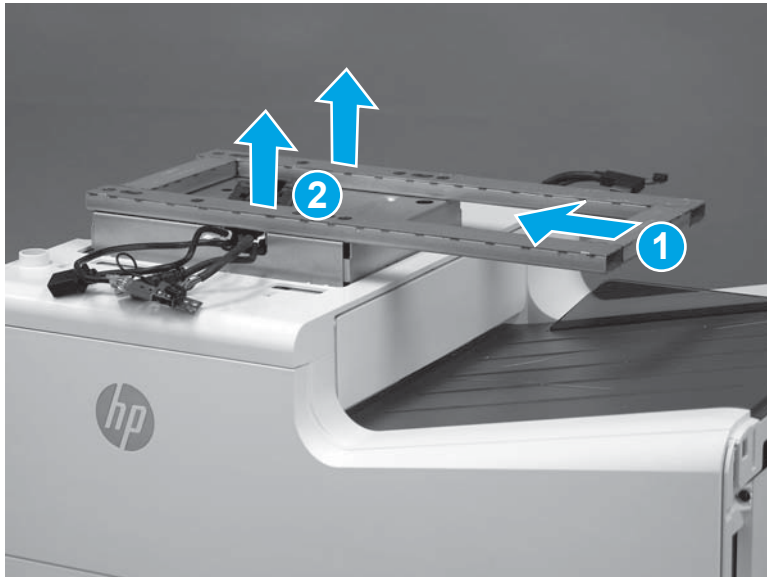
1. Remove eight screws (callout 1).

Figure 1-471 Remove eight screws



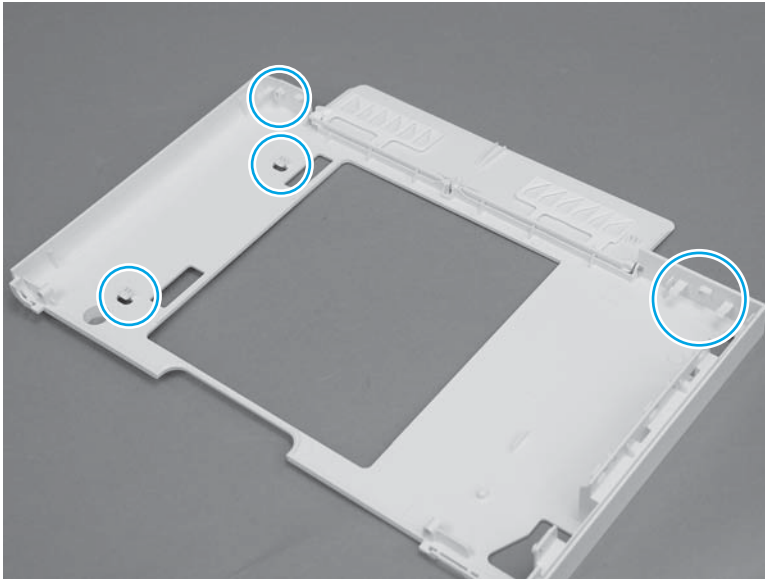
2. Slide the bracket to the left to release it, and then lift it straight up and off of the printer to remove it.

Figure 1-472 Slide the bracket left



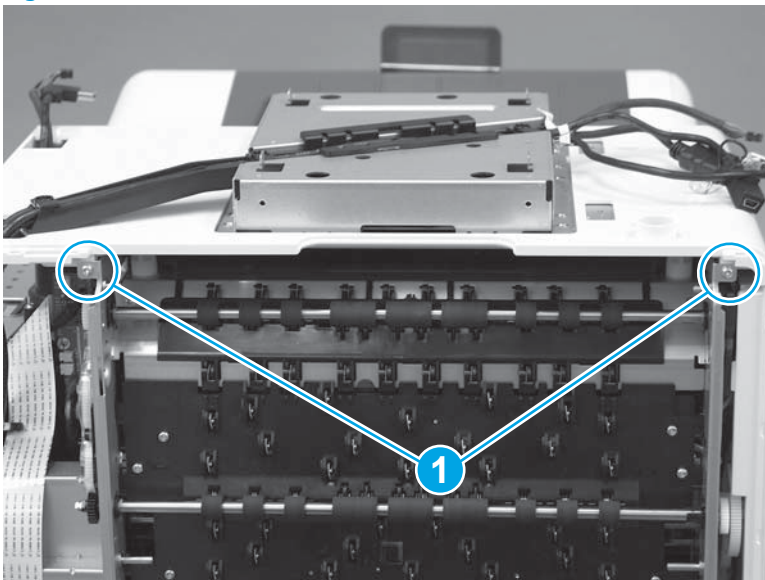
3. Before proceeding, take note of the tabs and hooks on the top cover.

Figure 1-473 Tabs and hooks on the top cover



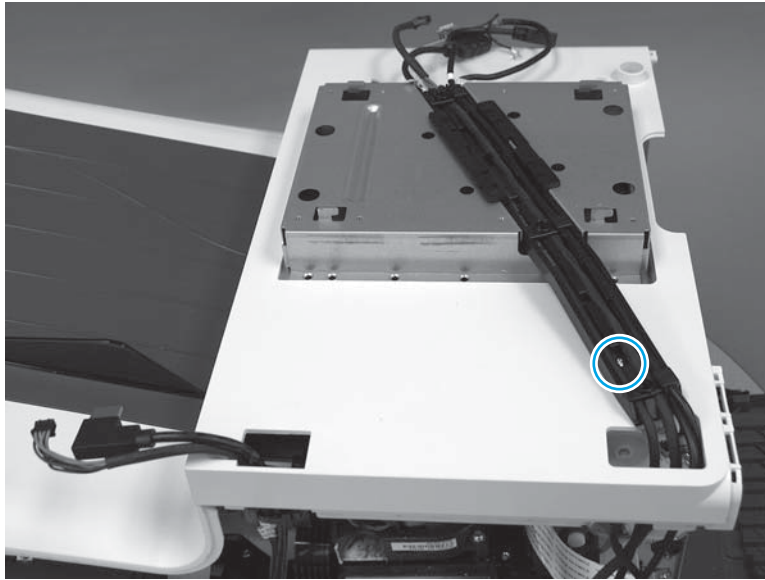
4. On the left side of the printer, remove two screws (callout 1).

Figure 1-474 Remove two screws



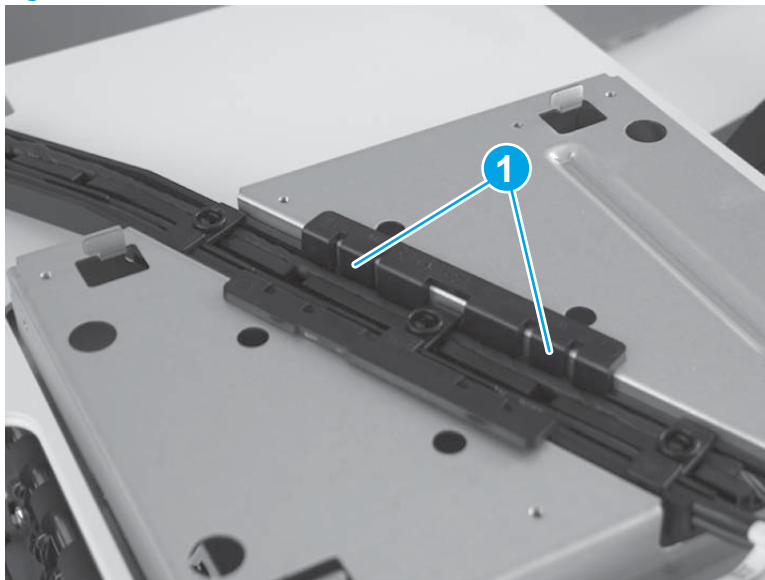
5. Remove one screw.

Figure 1-475 Remove one screw



6. Release two tabs (callout 1) to release the wire guide.

Figure 1-476 Release two tabs



7. At the rear of the printer, flex the top cover to the left (callout 1) and then slightly lift it up (callout 2) to release two tabs.


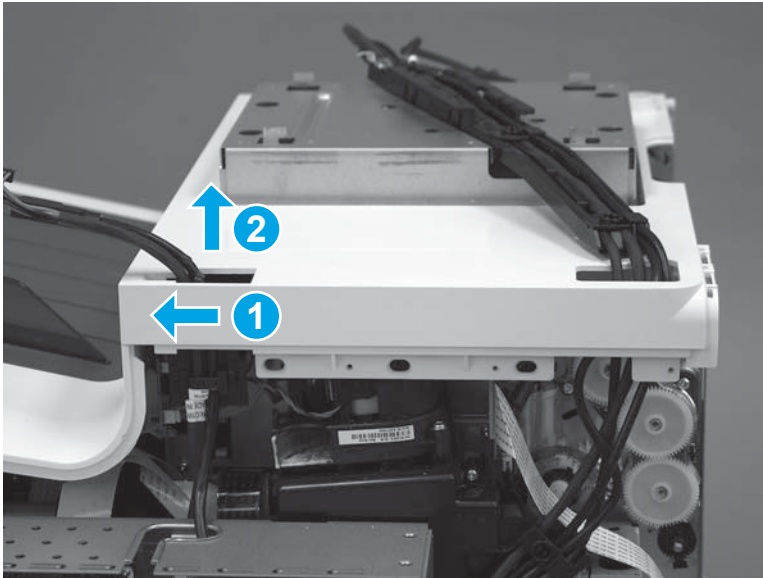
 **NOTE:** To locate the tabs, see step 3.

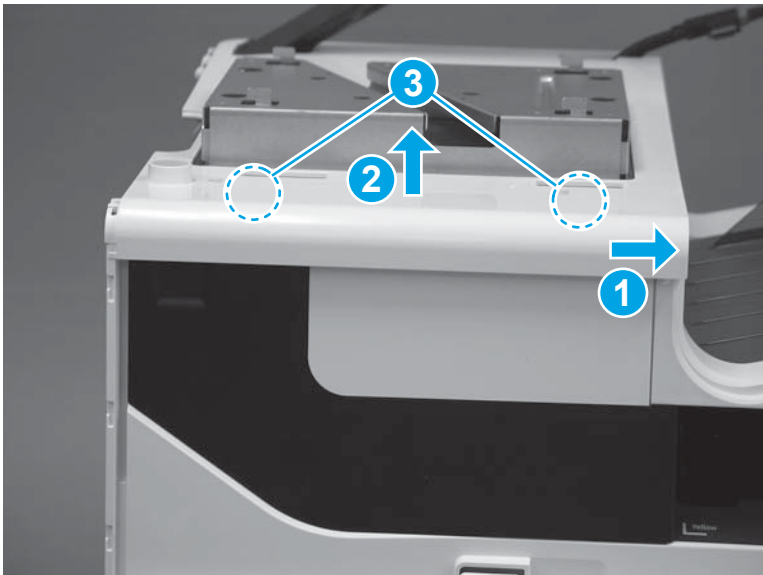
Figure 1-477 Release two tabs



8. At the front of the printer, slide the cover to the right (callout 1) to release the remaining tabs and the hooks (callout 2/3).

 **NOTE:** To locate the tabs, see step 3.

Figure 1-478 Release the cover



9. Remove the cover.


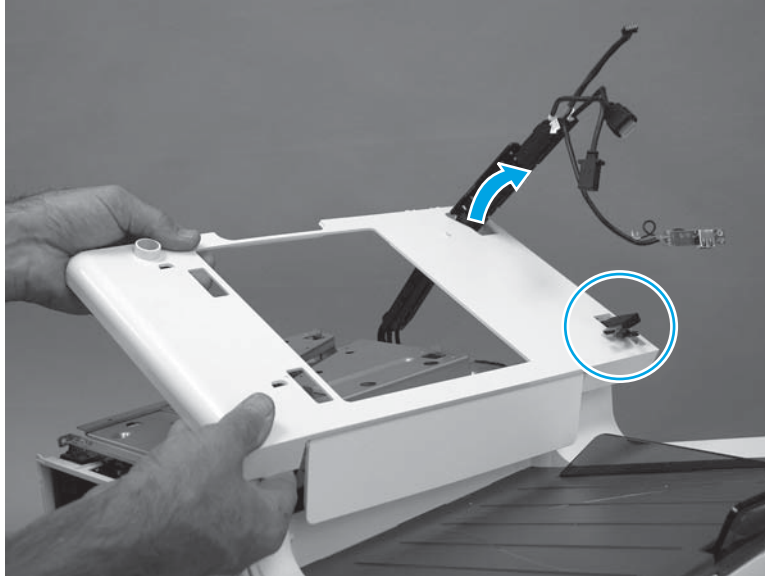
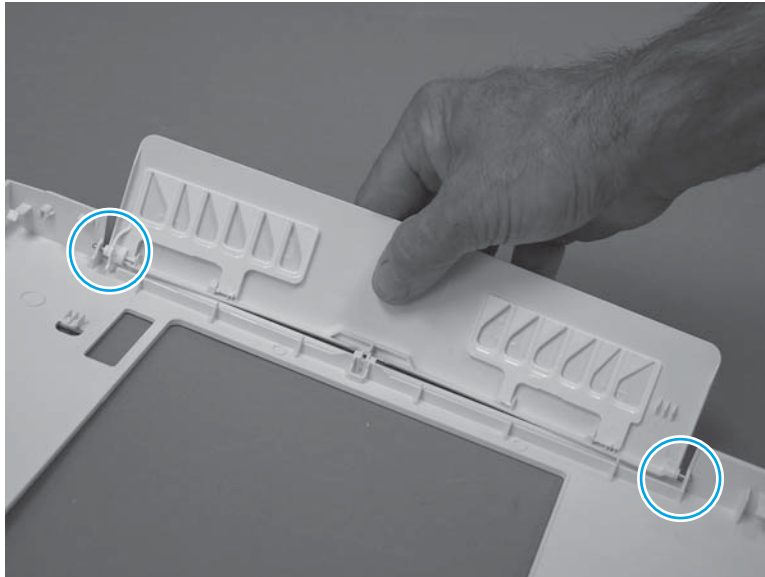
 **NOTE:** Pass the cables, wire harnesses, and the guide through the openings in the cover as it is removed.

Figure 1-479 Remove the top cover (586)



10. **Optional step:** If a replacement top cover is being installed, remove the output bin flap by flexing the center of the flap to release the right- and left-side hinge pins from the holes in the cover.

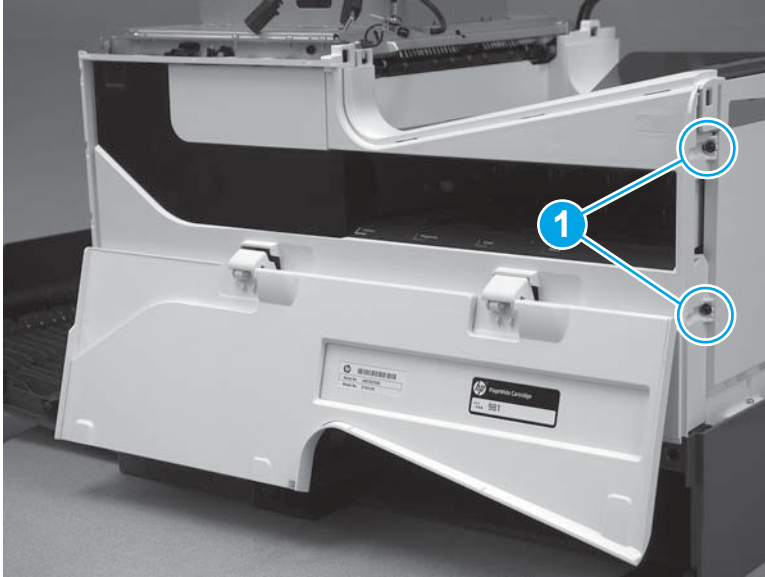
Figure 1-480 Remove the output bin flap



Step 12: Removal the front cover

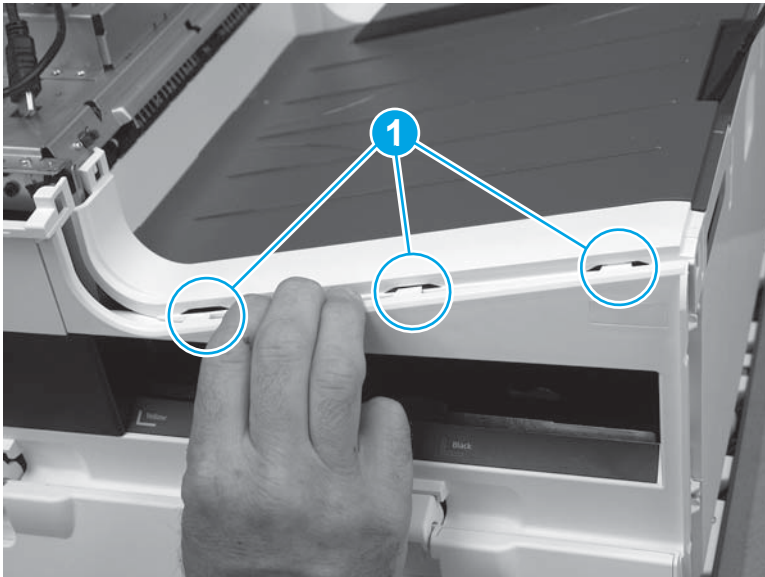
1. Remove two screws (callout 1).

Figure 1-481 Remove two screws




2. Release three tabs (callout 1).

Figure 1-482 Release three tabs

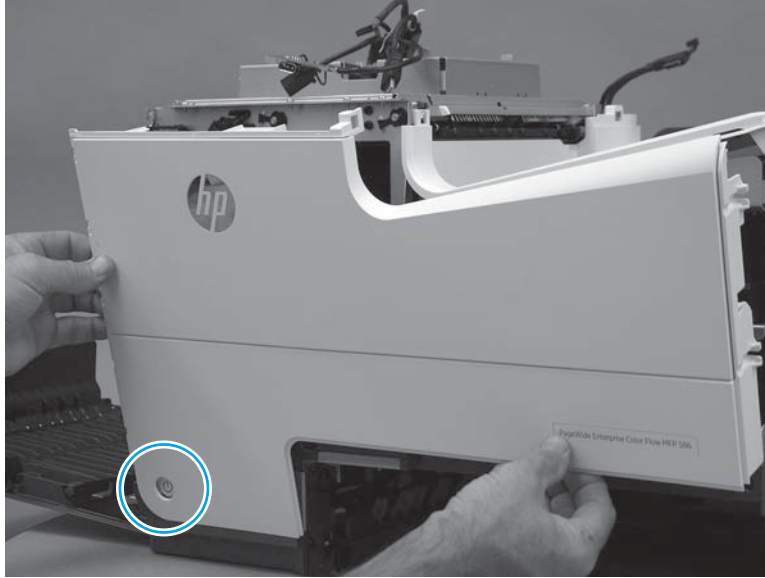


3. Remove the front cover.

 **NOTE:** When removing the front cover, the power-button cover can come loose.

If the cover is dislodged, see [Step 14: Install the front cover on page 238](#) to reinstall it.

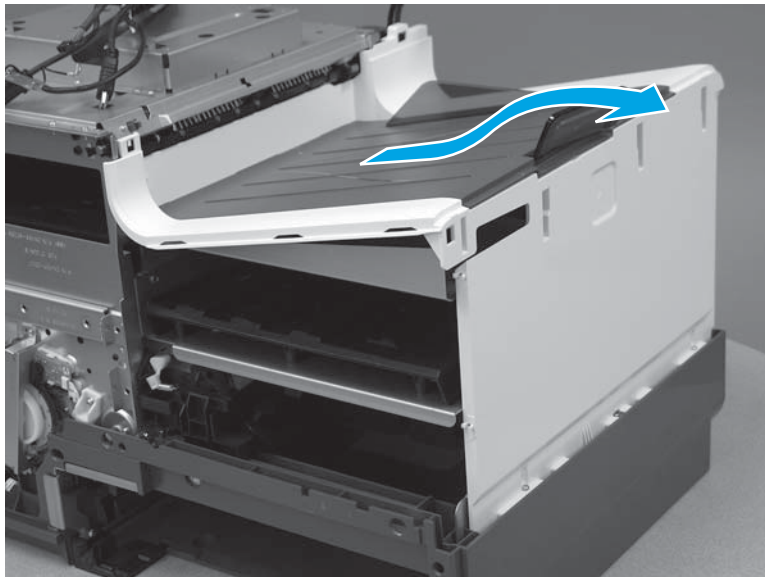
Figure 1-483 Remove the cover



Step 13: Remove the output-bin inner cover

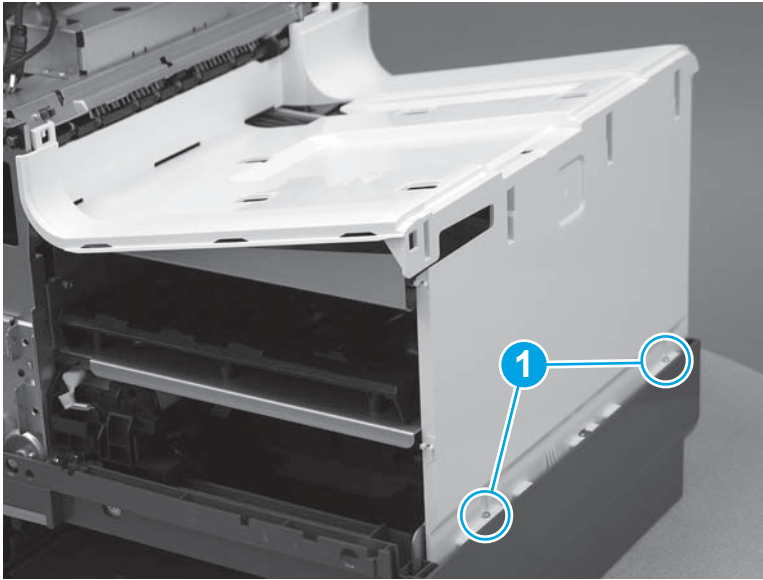
1. Slightly slide the output bin to the right, and then lift up on it to remove it.

Figure 1-484 Remove the output bin



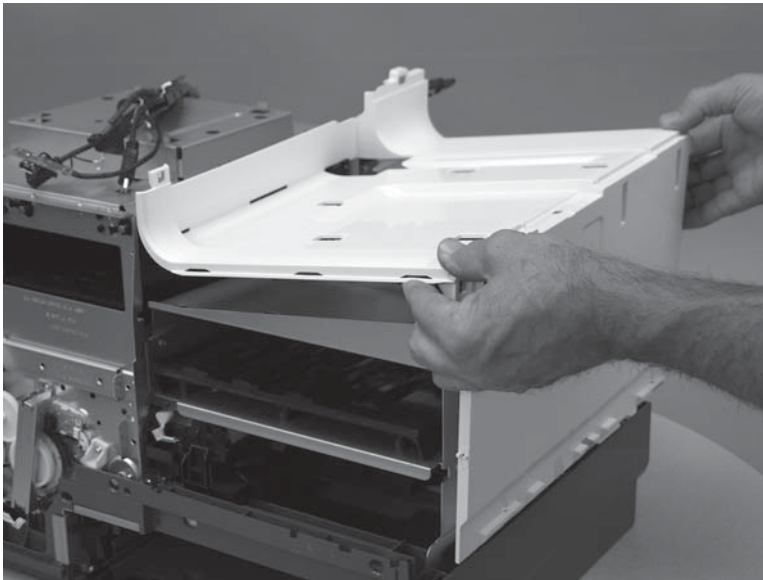
2. Remove two screws (callout 1).

Figure 1-485 Remove two screws



3. Remove the output-bin inner cover.

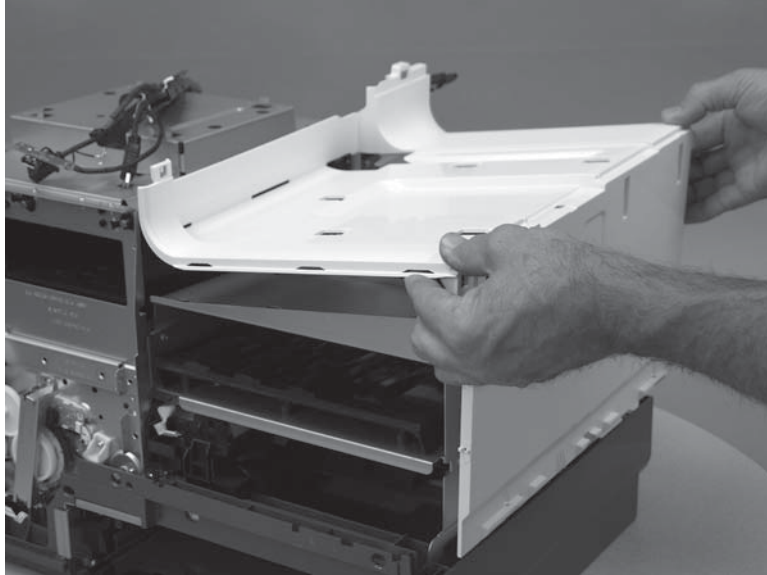
Figure 1-486 Remove the cover



Step 14: Install the output-bin inner cover

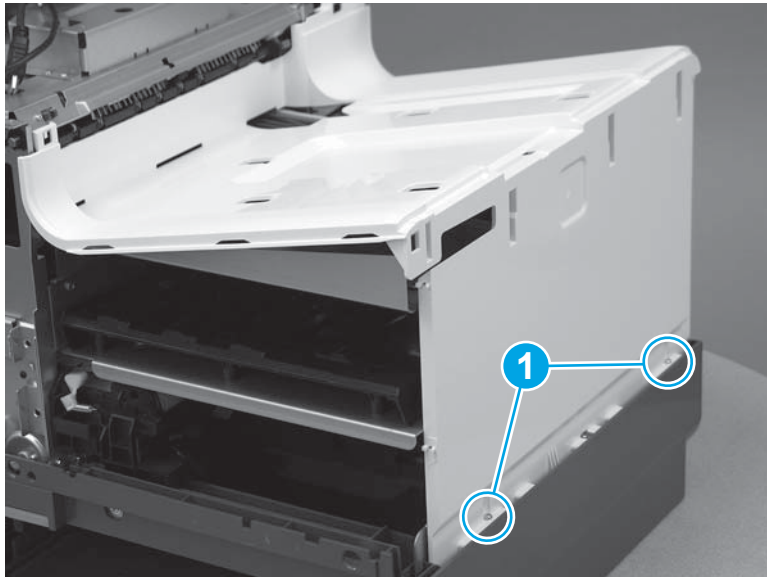
1. Position the cover on the printer.

Figure 1-487 Install the cover



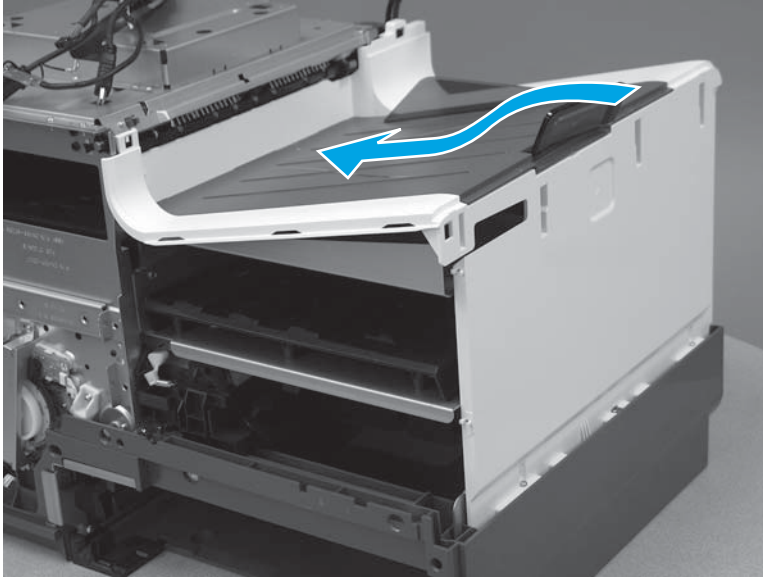
2. Install two screws (callout 1).

Figure 1-488 Install two screws



3. Align the tabs on the bottom of the output bin with the slots in the right cover (inner), and then slide it to the left to install it.

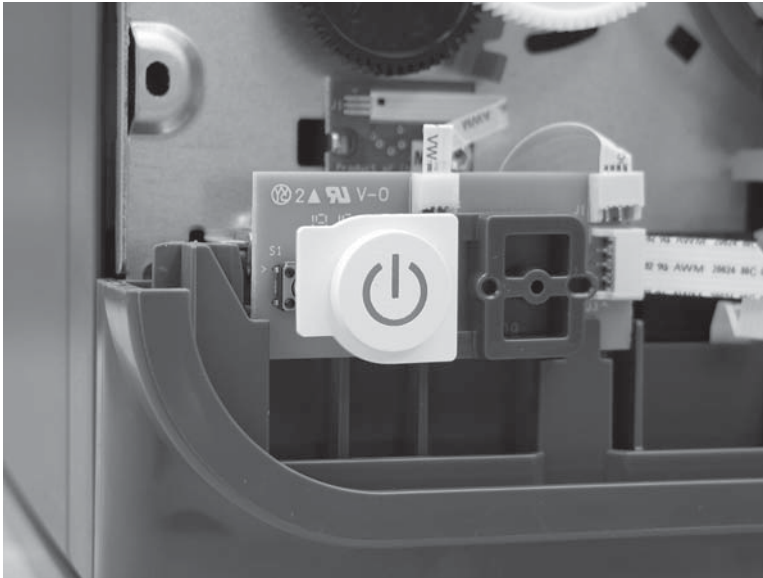
Figure 1-489 Remove the output bin



Step 15: Install the front cover

1. If the power-button cover was dislodged when the front cover was removed, install it as shown below.

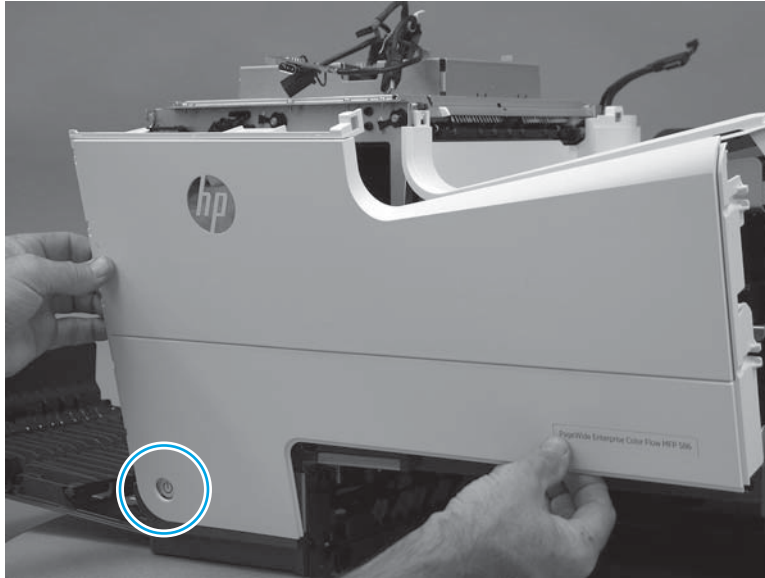
Figure 1-490 Install the power-button cover



2. Position the front cover on the printer.

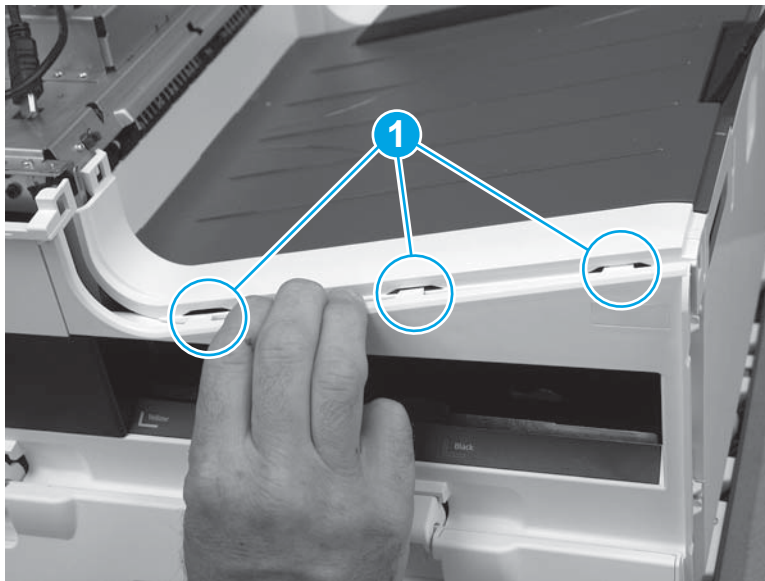
 **NOTE:** When removing the front cover, the power-button cover can come loose.

Figure 1-491 Install the cover



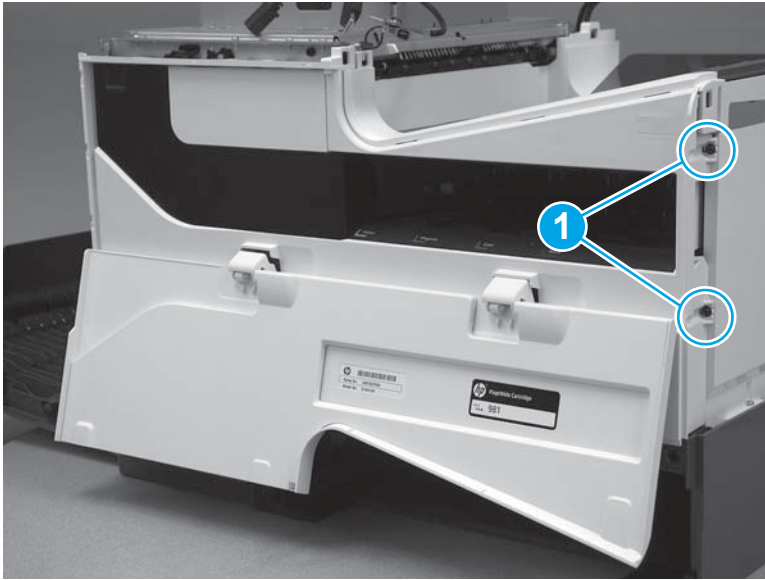
3. Engage three tabs (callout 1).

Figure 1-492 Engage three tabs



4. Install two screws (callout 1).

Figure 1-493 Install two screws



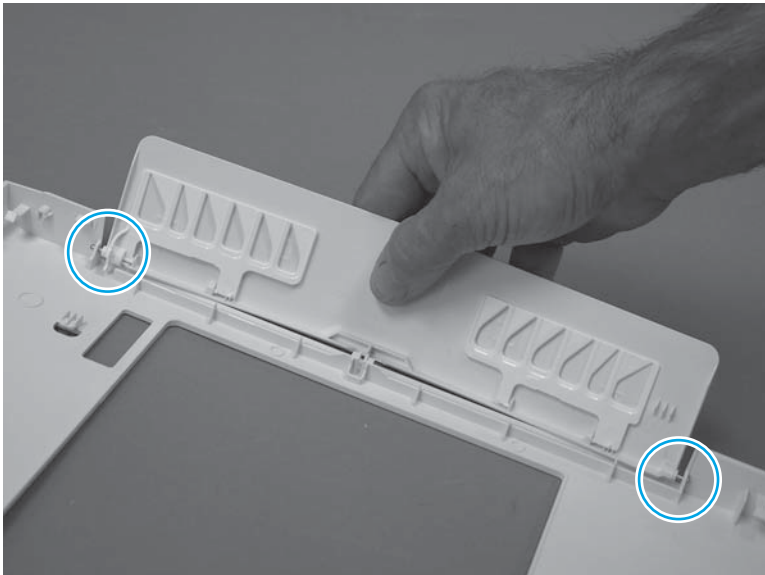
Step 16: Install the top cover (586)



NOTE: This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 17: Install the top cover \(556\) on page 315](#).

1. **Optional step:** If a replacement top cover is being installed, install the output bin flap by flexing the center of the flap and installing the right- and left-side hinge pins in the holes in the cover.

Figure 1-494 Install the output bin flap

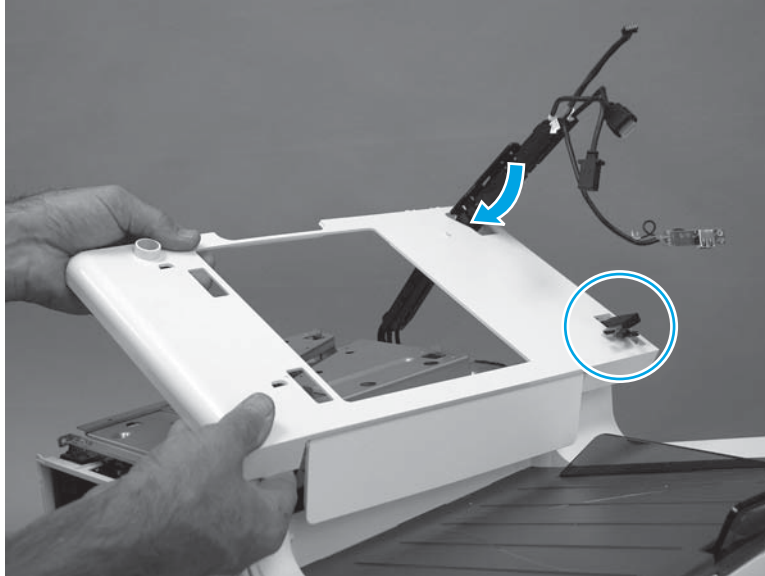


2. Position the cover on the printer.



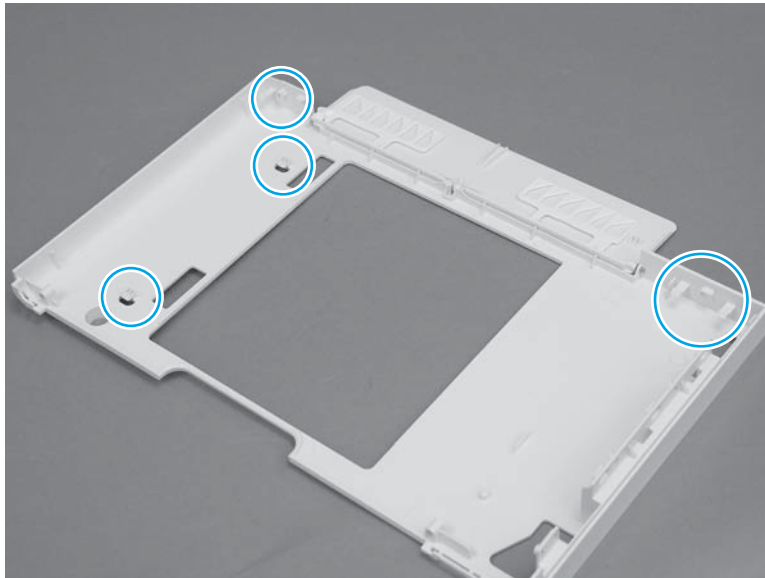
NOTE: Pass the cables, wire harnesses, and the guide through the openings in the cover as it is installed.

Figure 1-495 Install the top cover (586)



3. Before proceeding, take note of the tabs and hooks on the top cover.

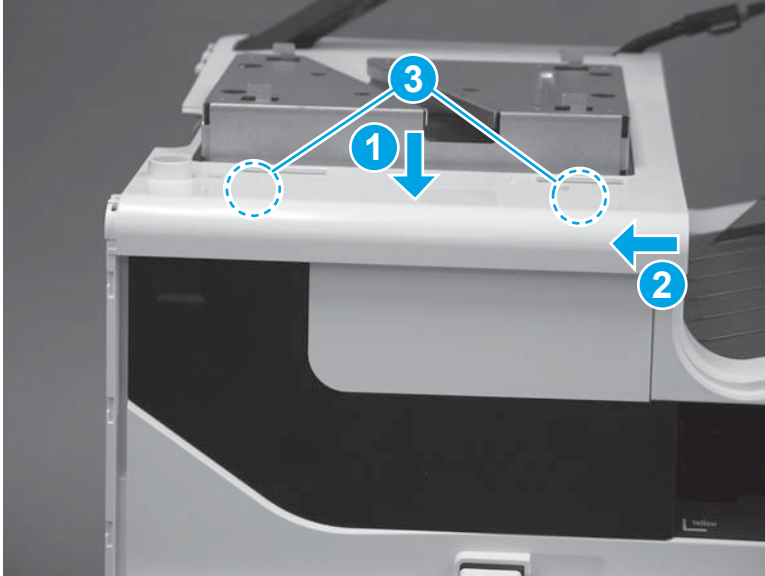
Figure 1-496 Tabs and hooks on the top cover



4. At the front of the printer, slide the cover to the left (callout 1) to engage the tabs and the hooks (callout 2/3).

 **NOTE:** To locate the tabs, see step 3.

Figure 1-497 Engage the cover



5. At the rear of the printer, flex the top cover to the right (callout 1) to engage two tabs (callout 2).


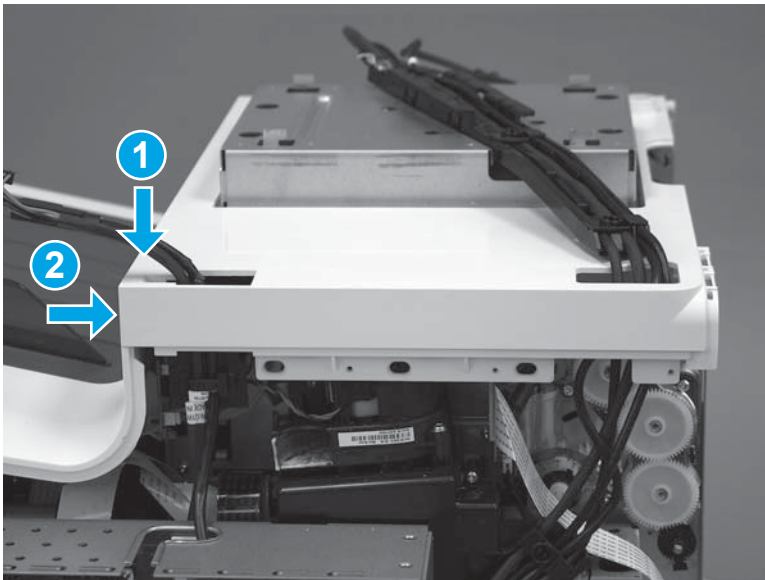
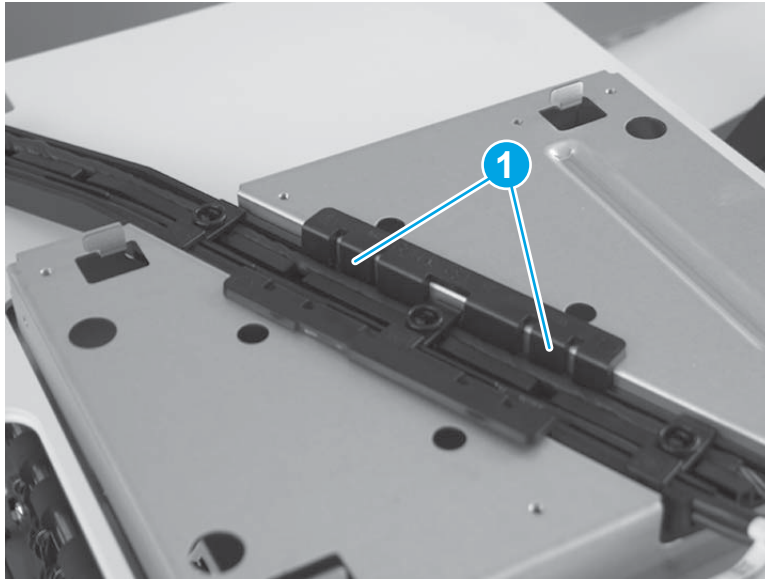
 **NOTE:** To locate the tabs, see step 3.

Figure 1-498 Engage two tabs



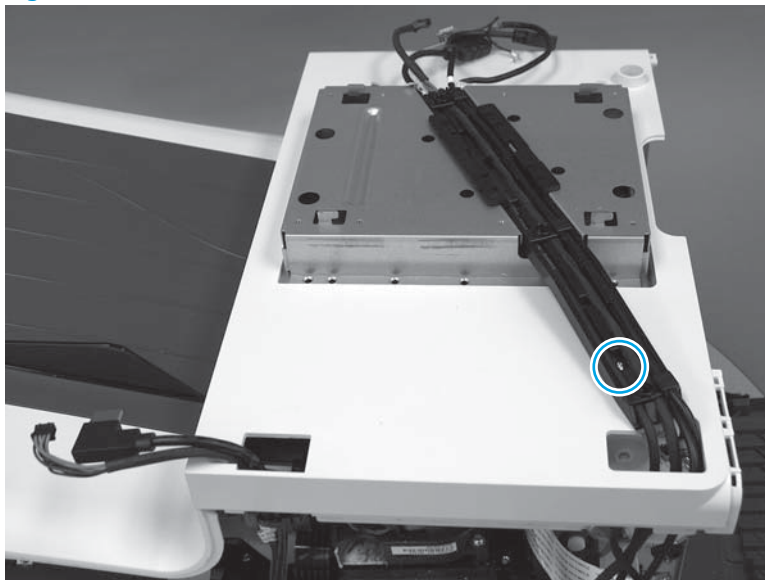
6. Install the guide, and make sure that the two tabs (callout 1) snap into place.

Figure 1-499 Install the guide



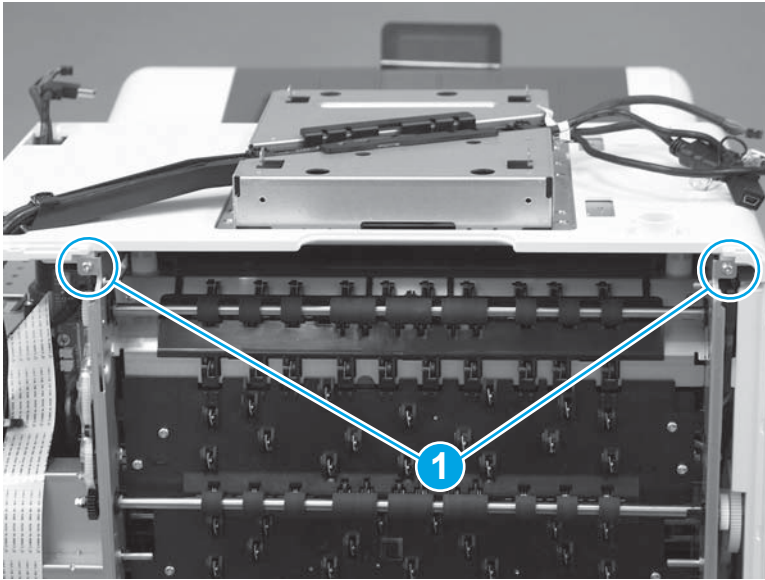
7. Install the guide, and then install one screw.

Figure 1-500 Install one screw



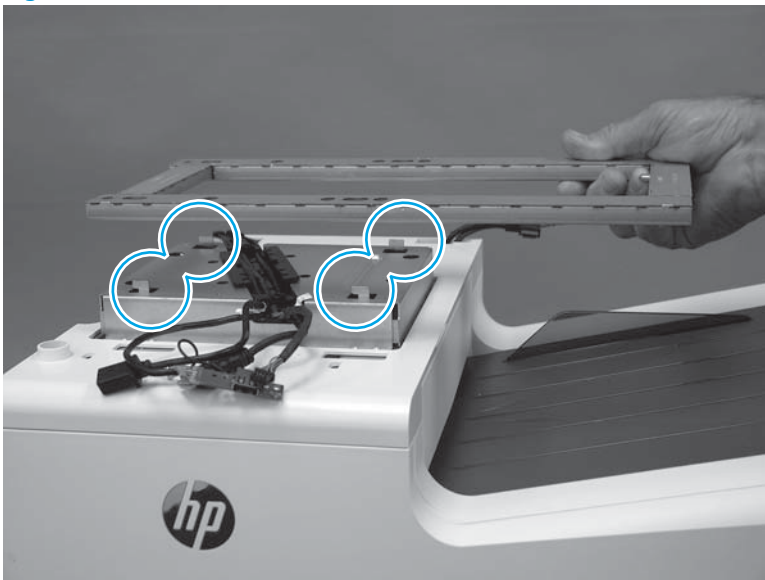
8. On the left side of the printer, install two screws (callout 1).

Figure 1-501 Install two screws



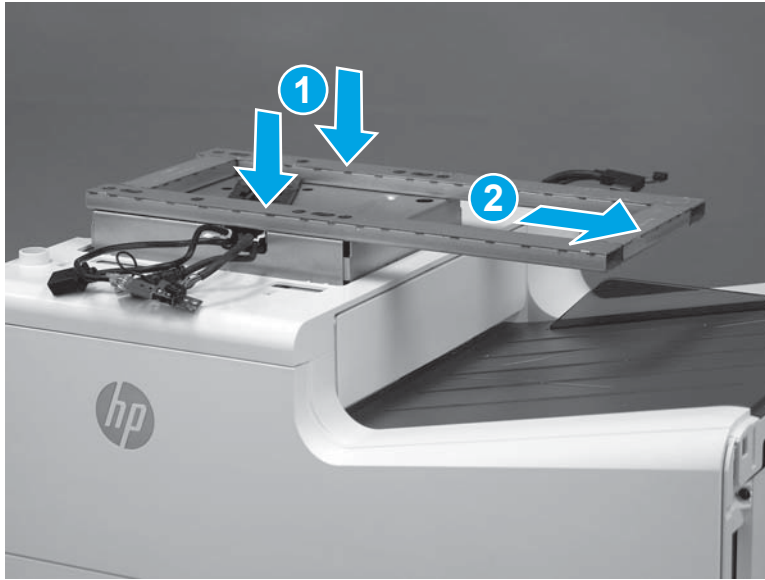
9. Align the slots in the bracket with the hooks on the printer base.

Figure 1-502 Install the bracket



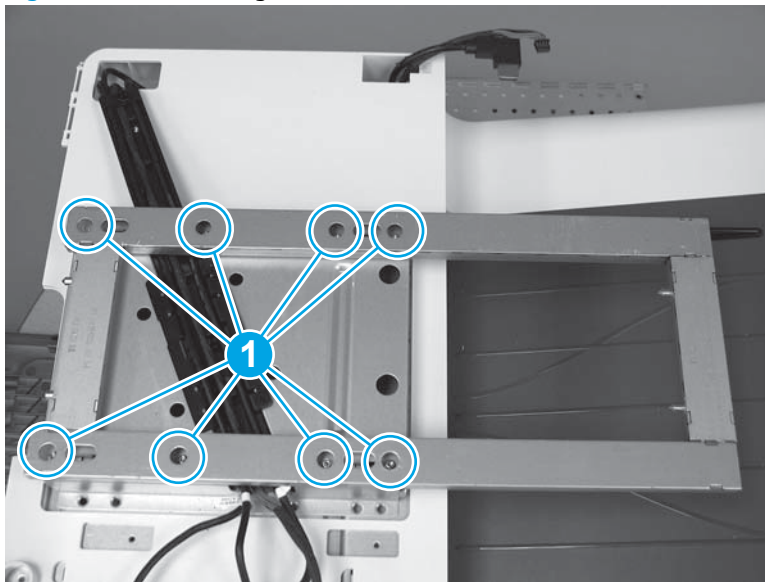
10. Position the bracket on the printer, and then slide the bracket to the right to engage it.

Figure 1-503 Slide the bracket right




11. Install eight screws (callout 1).

Figure 1-504 Install eight screws

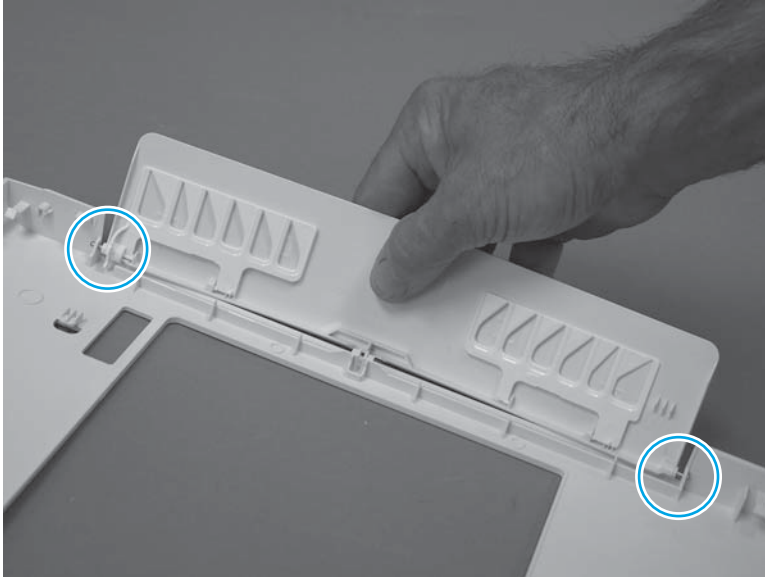


Step 17: Install the top cover (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 18: Install the rear cover on page 318](#).

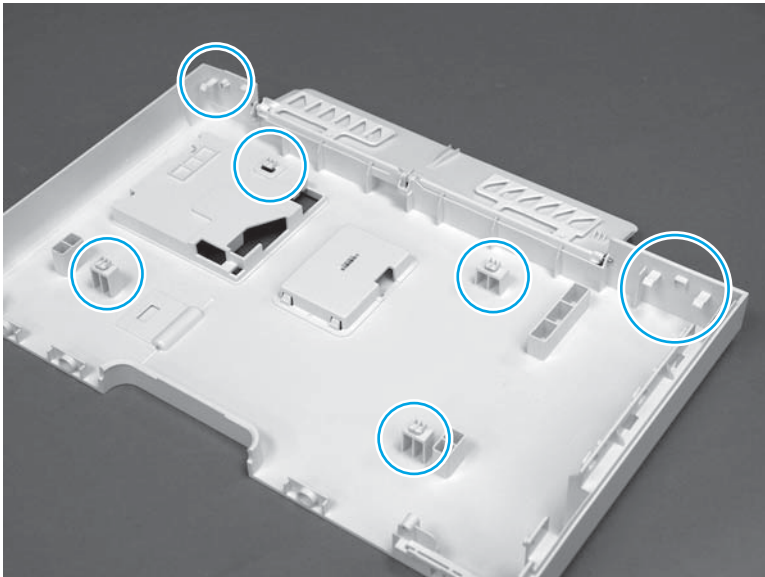
1. **Optional step:** If a replacement top cover is being installed, install the output bin flap by flexing the center of the flap and installing the right- and left-side hinge pins in the holes in the cover.

Figure 1-505 Install the output bin flap



2. Before proceeding, take note of the tabs and hooks on the top cover.

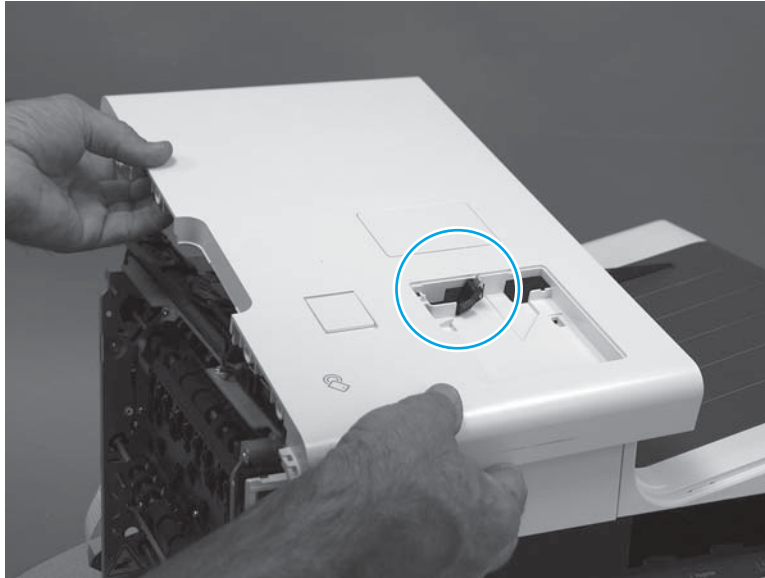
Figure 1-506 Tabs and hooks on the top cover



3. Position the cover on the printer.

 **NOTE:** Pass the control-panel cable and wire harness through the opening in the cover as it is installed.

Figure 1-507 Install the top cover (556)



4. At the front of the printer, slide the cover to the left (callout 1) to engage the tabs and the hooks (callout 2).


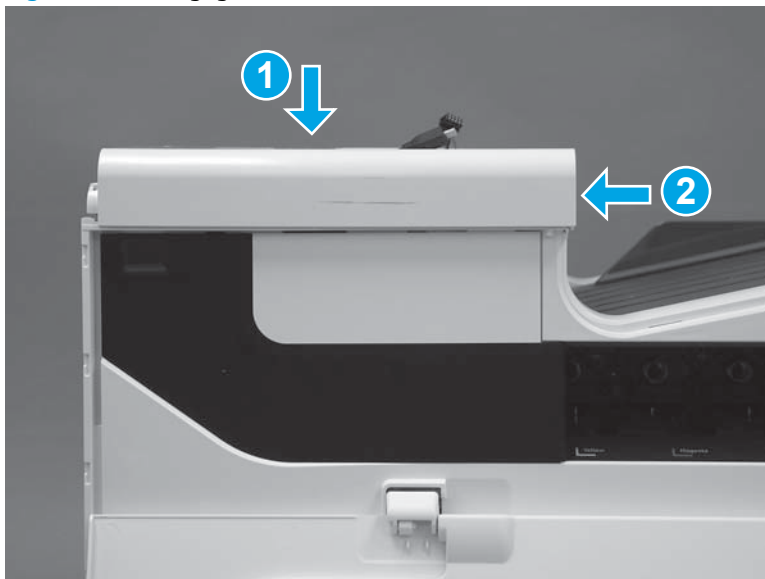
 **NOTE:** To locate the tabs, see step 2.

Figure 1-508 Engage the cover



5. At the rear of the printer, engage two tabs (callout 1/2).


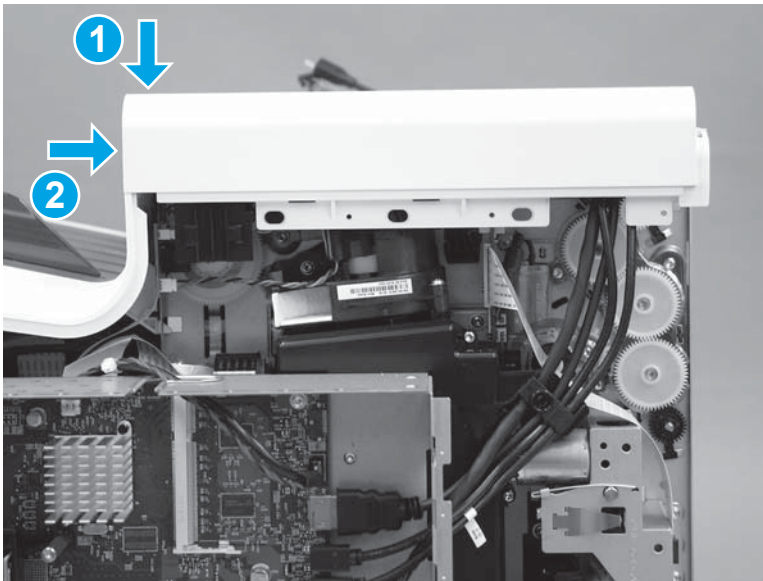
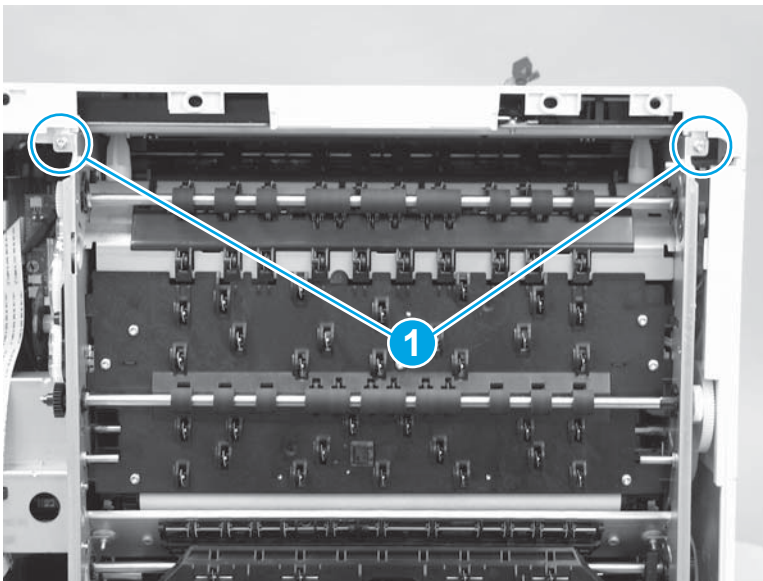
 **NOTE:** To locate the tabs, see step 2.

Figure 1-509 Engage two tabs



6. On the left side of the printer, install two screws (callout 1).

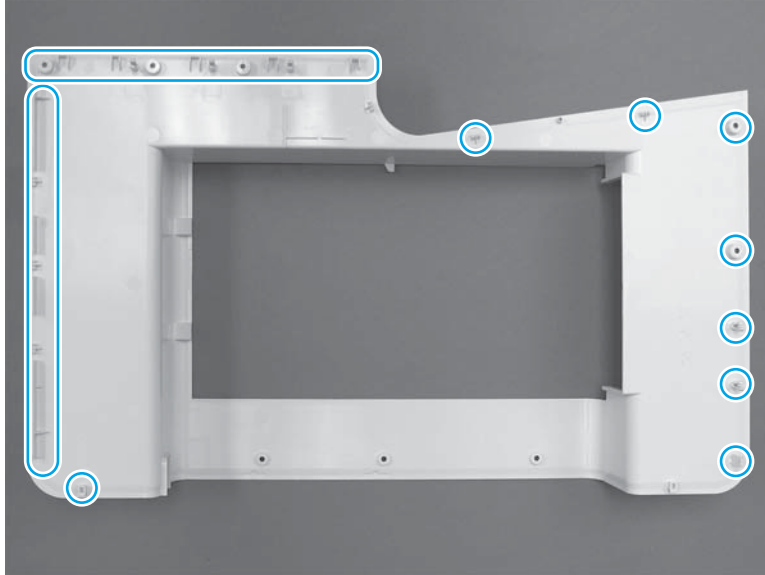
Figure 1-510 Install two screws



Step 18: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-511 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


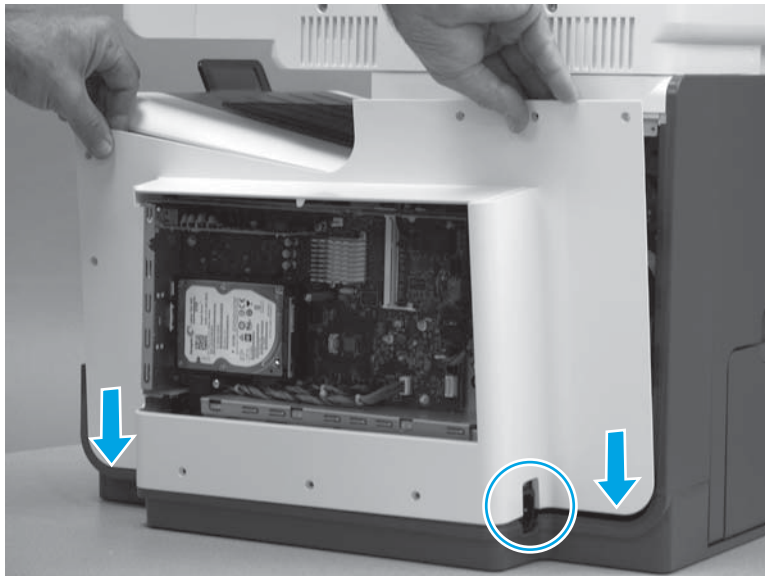
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

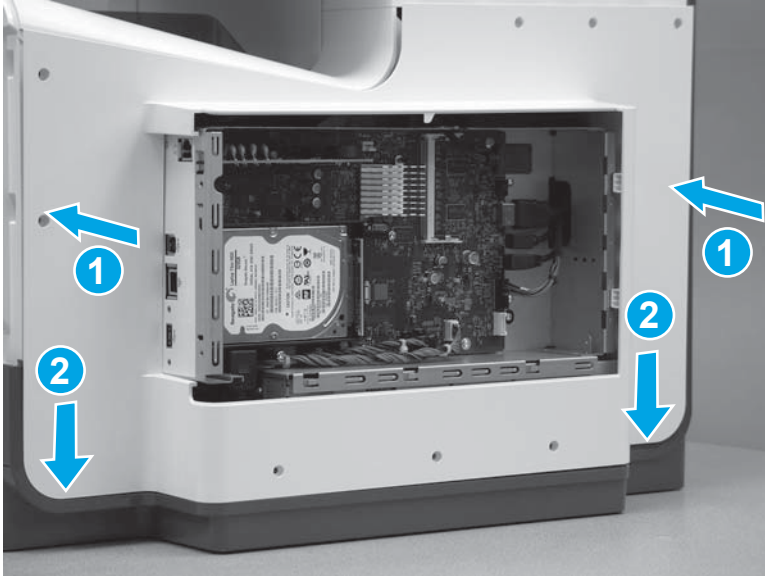
Figure 1-512 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

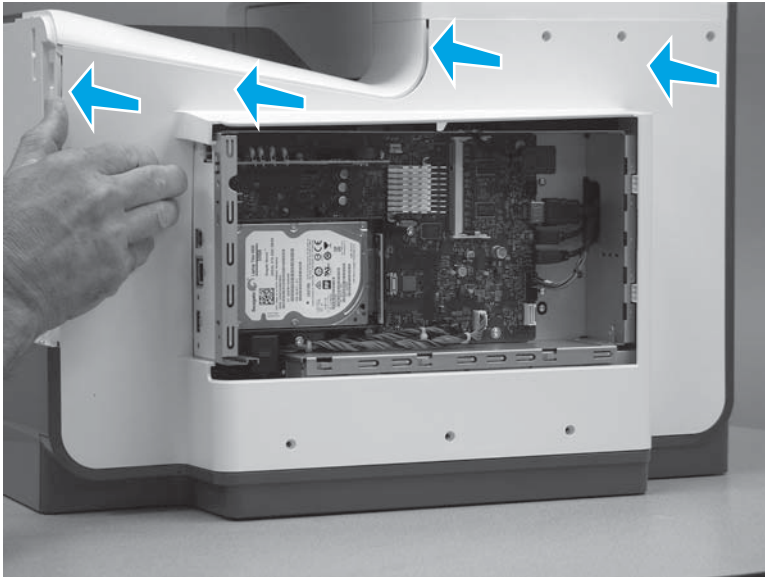
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-513 Engage the sides of the cover



4. Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

Figure 1-514 Release the top edge of the cover



5. Install eight screws (callout 1).


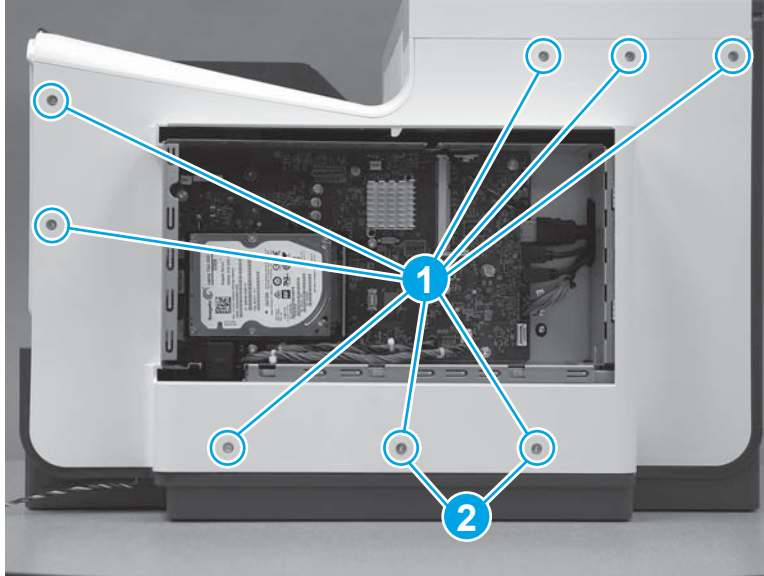
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

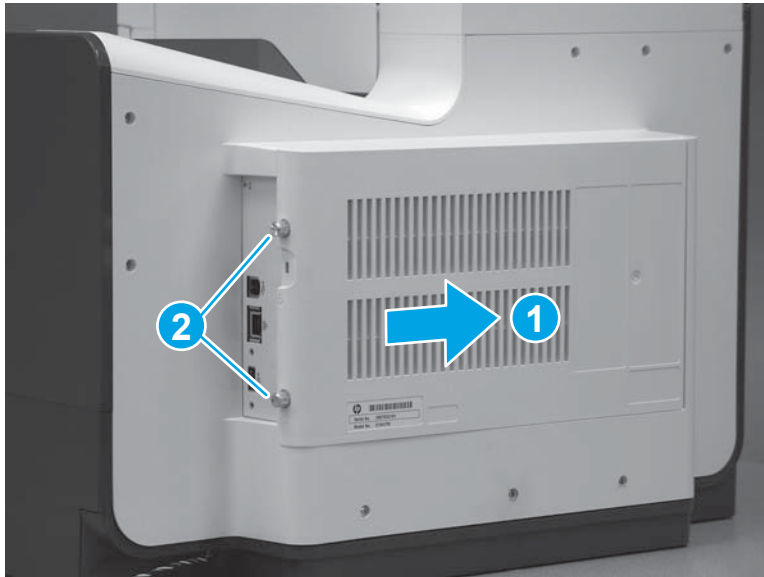
Figure 1-515 Install eight screws



Step 20: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

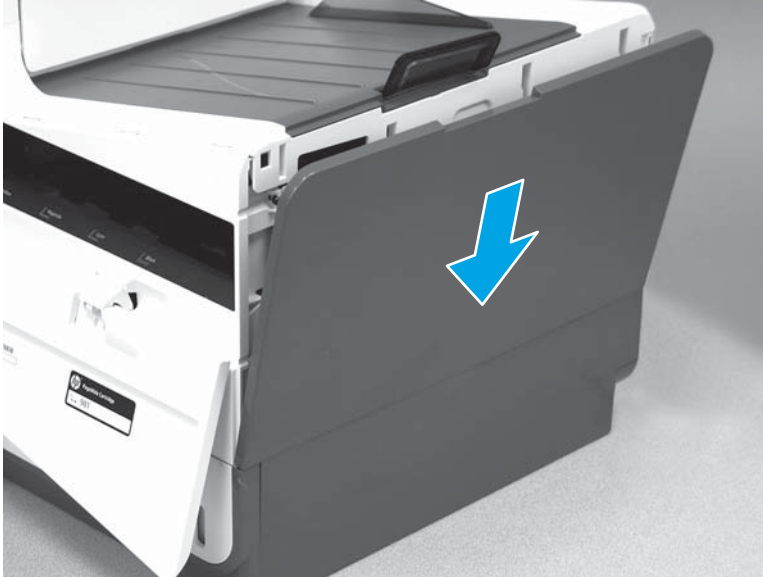
Figure 1-516 Install the formatter cover



Step 20: Install the right cover (outer)

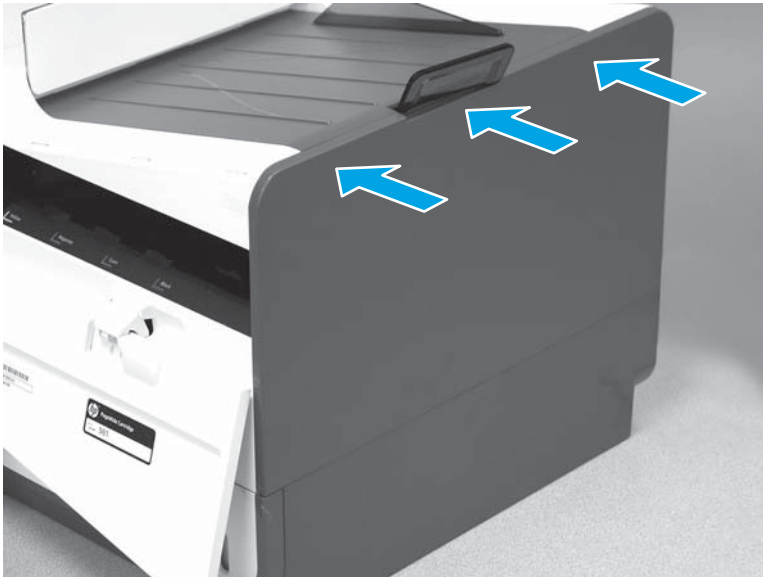
1. Position the bottom edge of the cover on the printer.

Figure 1-517 Position the right cover (outer) on the printer




2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-518 Install the right cover (outer)

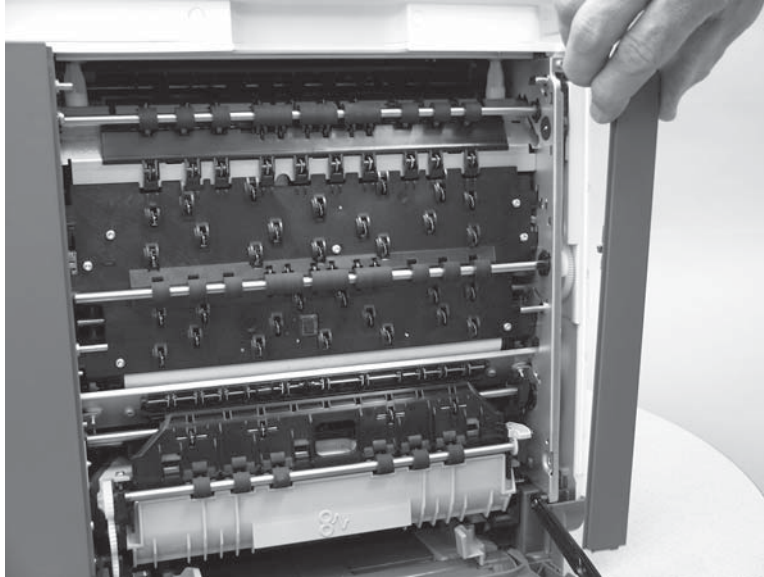


Step 21: Install the left front cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

1. Position the cover on the printer.

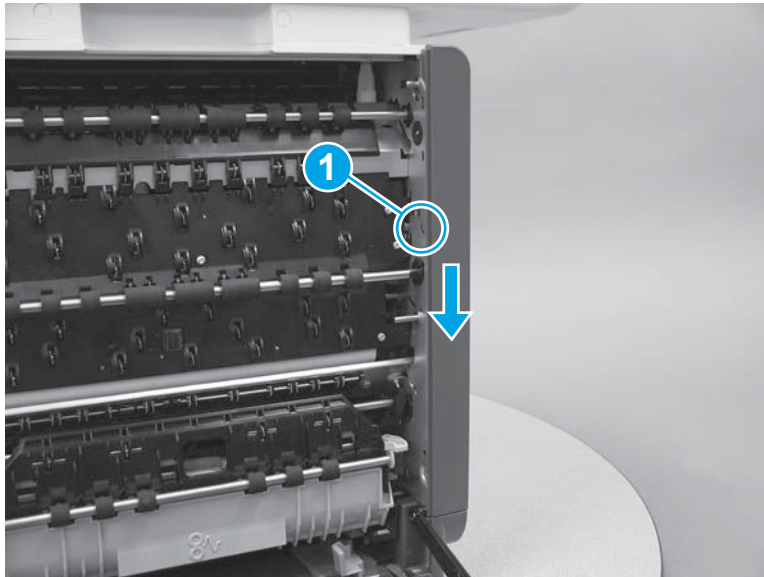
Figure 1-519 Install the left front cover



2. Engage the cover by sliding it down about 10 mm (0.4 in).

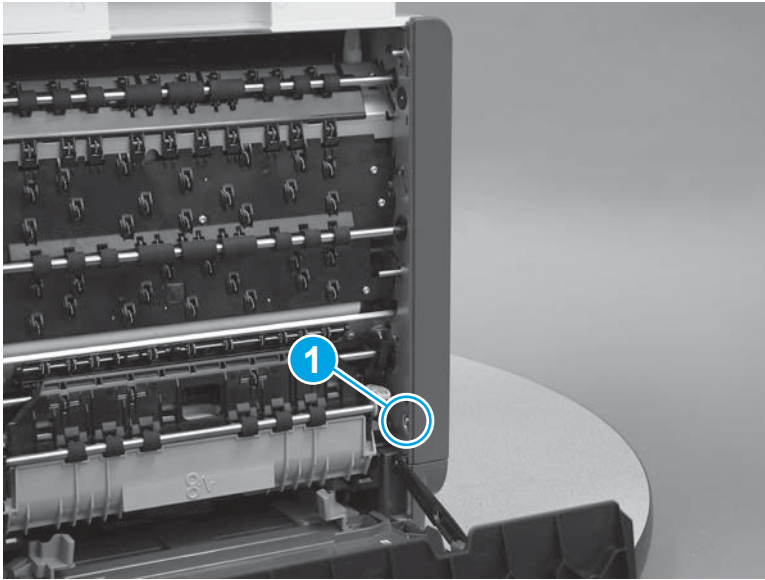
 **NOTE:** Make sure that the tab (callout 1) snaps into place.

Figure 1-520 Engage the cover



3. Install one screw (callout 1).

Figure 1-521 Install one screw



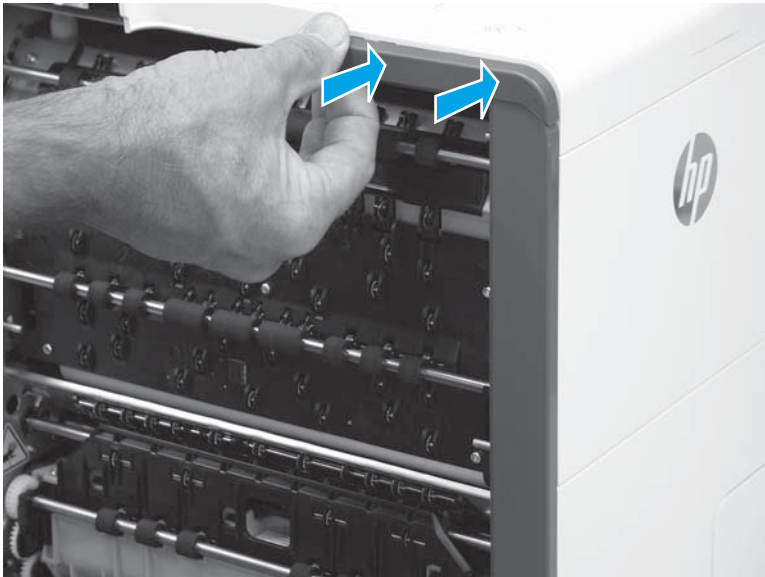
Step 22: Install the left-front top cover cap (556)




NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 23: Install the left rear cover on page 325](#).

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.

Figure 1-522 Install the left-front top cover cap (556)

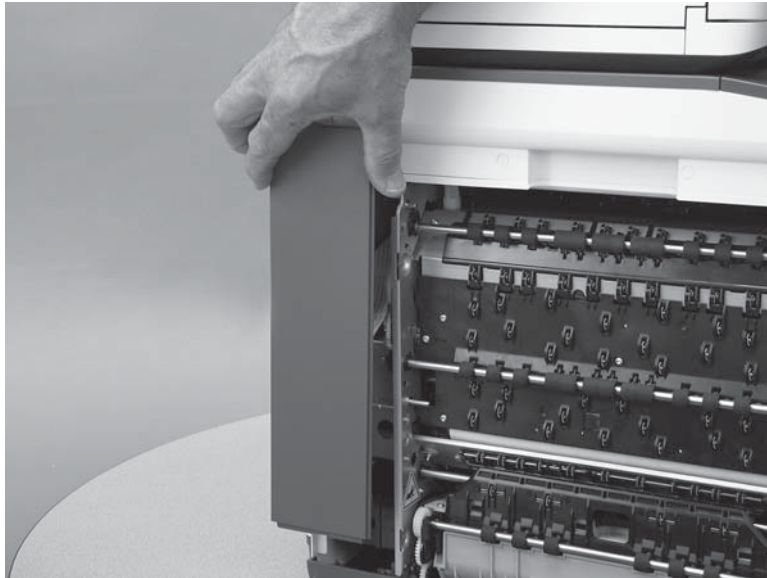


Step 23: Install the left rear cover

 **NOTE:** The figures in this section show the 586 printer. However, the instructions for removing the cover are valid for 556 printers.

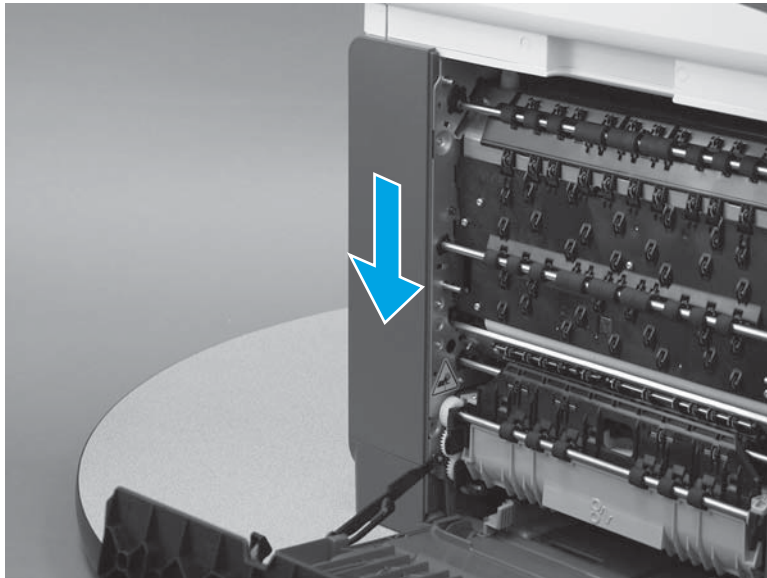
1. Position the cover on the printer.

Figure 1-523 Install the left rear cover



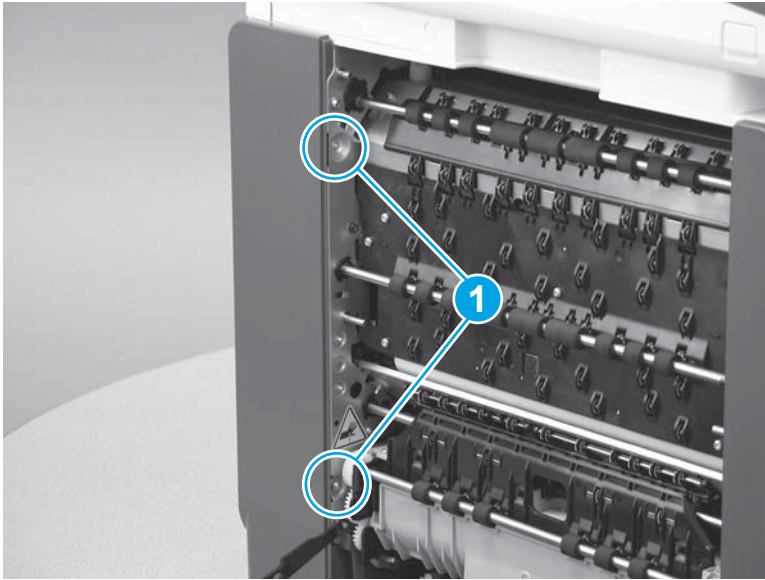
2. Engage the cover by sliding it down about 10 mm (0.4 in).

Figure 1-524 Engage the cover



3. Install two screws (callout 1).

Figure 1-525 Install two screws



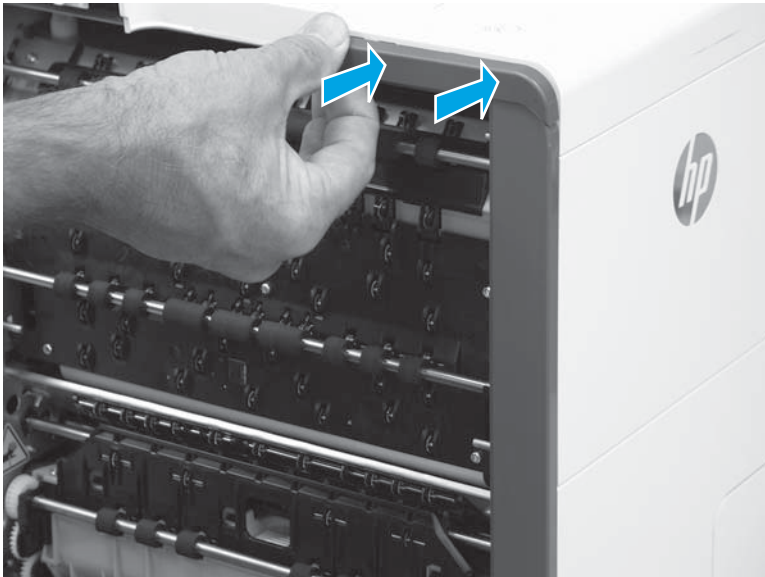
Step 24: Install the left-rear top cover cap (556)



NOTE: This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 25: Install the integrated scanner assembly \(ISA; 586\) on page 326](#).

- ▲ Align the bosses on the back side of the cover with the holes in the top cover, and then push the cover straight onto the top cover to install it.


Figure 1-526 Install the left-front top cover cap (556)



Step 25: Install the integrated scanner assembly (ISA; 586)



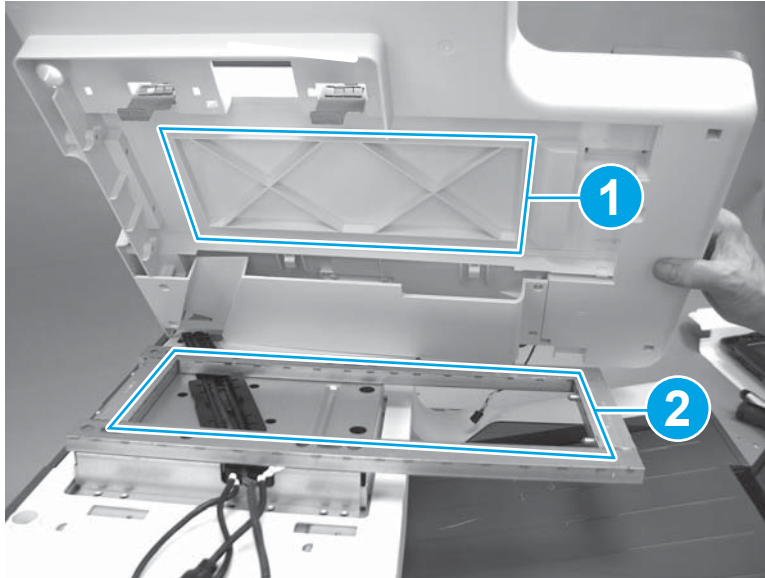
NOTE: This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 26: Install the control panel \(556\) on page 339](#).

 **NOTE:** The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

1. Before proceeding, locate the ISA mounting bracket (callout 1) on the bottom of the ISA and the tray (callout 2) on the printer base.

Figure 1-527 Locate the ISA mounting bracket



2. Position the ISA on the printer.

 **CAUTION:** The ISA is bulky and heavy. Do not drop the ISA.


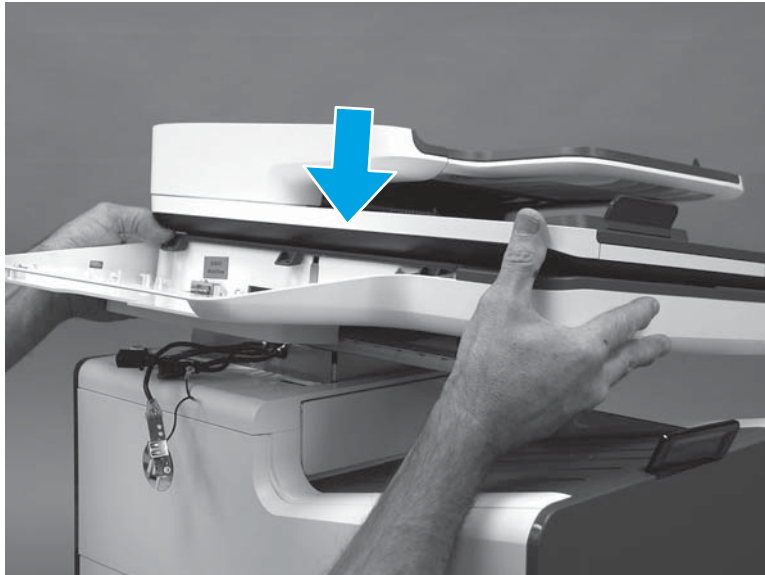
 **IMPORTANT:** Keep the front of the ISA tilted up so the cables and wire harness are not damaged.

Figure 1-528 Install the ISA



3. With the front of the ISA tilted up, pass the wire harnesses and cables through the opening in the ISA chassis.

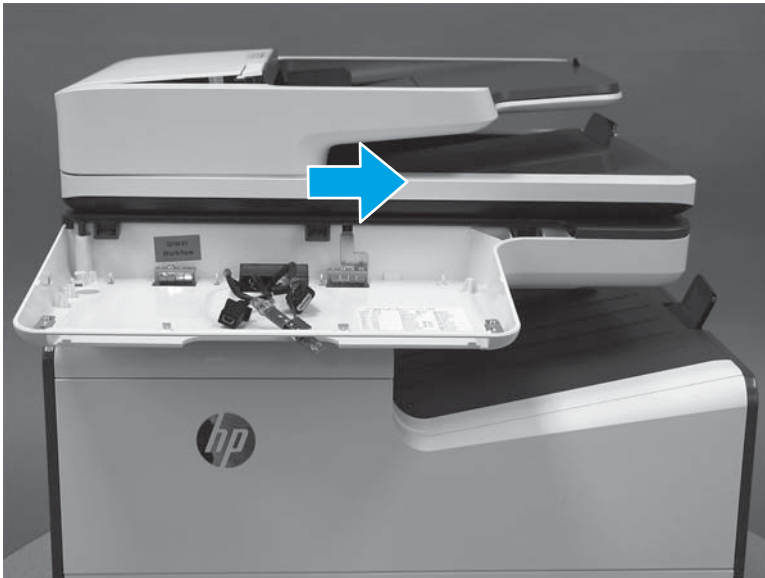
⚠ CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

Figure 1-529 Pass the wire harnesses and cables through the opening



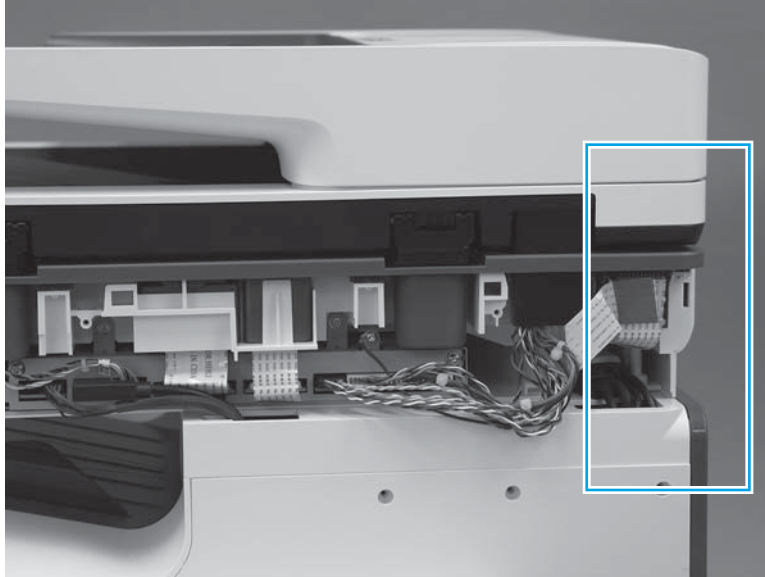
4. Lower the front of the ISA, and then slightly slide it toward the right side of the printer to engage it.

Figure 1-530 Slide the ISA right



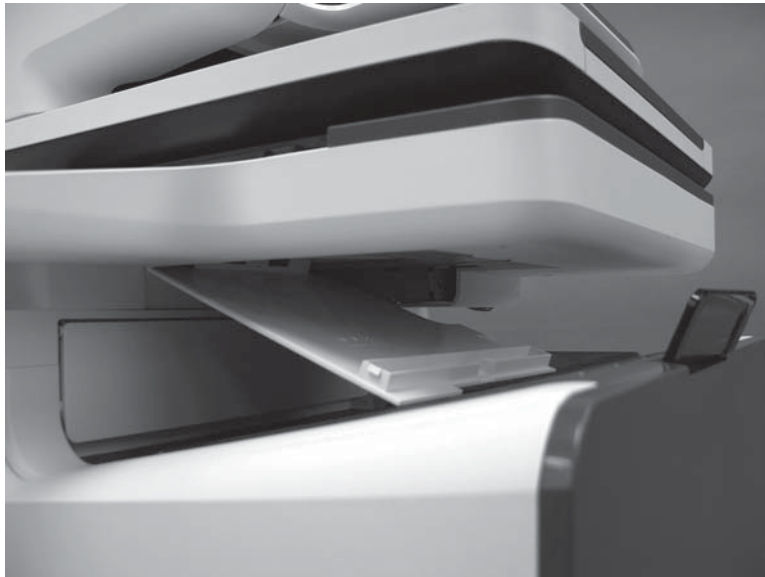
5. Before proceeding, at the back of the printer, look at the alignment of the ISA and printer base to verify that the ISA is fully seated. The edge of the ISA should be in line with the side of the printer base.

Figure 1-531 Check the ISA and printer base alignment



6. Position the scanner base cover on the printer.

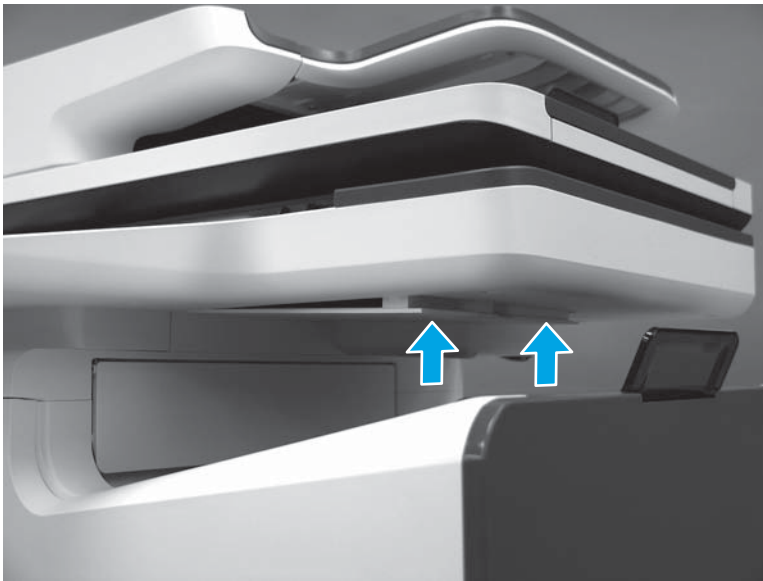
Figure 1-532 Install the scanner base cover



7. Push up on the cover to install it.

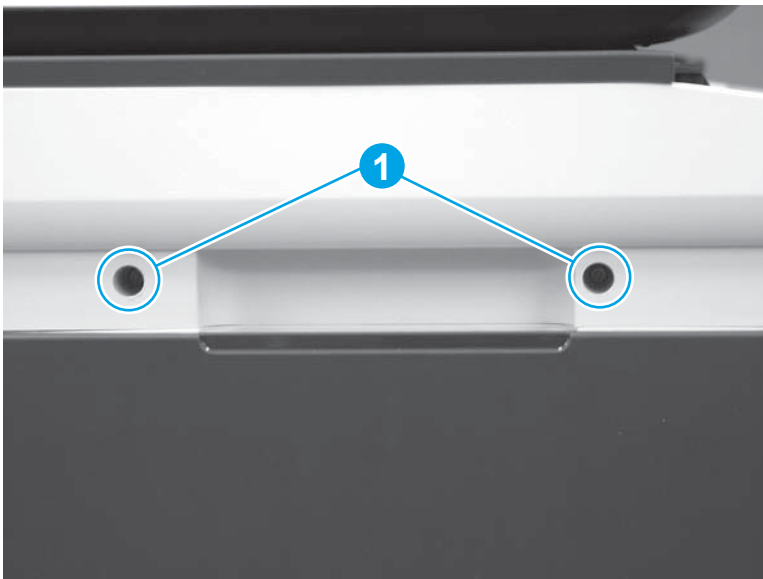
 **NOTE:** Installing the cover might require considerable force to snap it into place

Figure 1-533 Install the cover



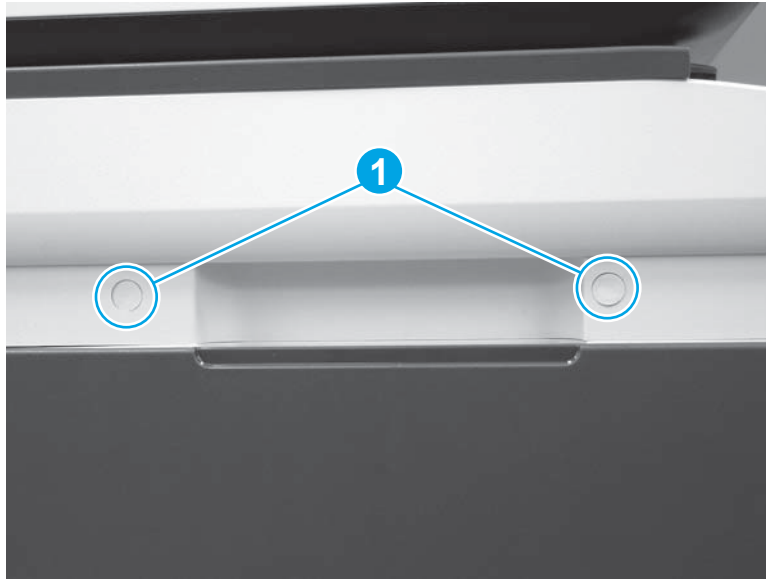
8. At the left side of the printer, install two screws (callout 1).

Figure 1-534 Install two screws



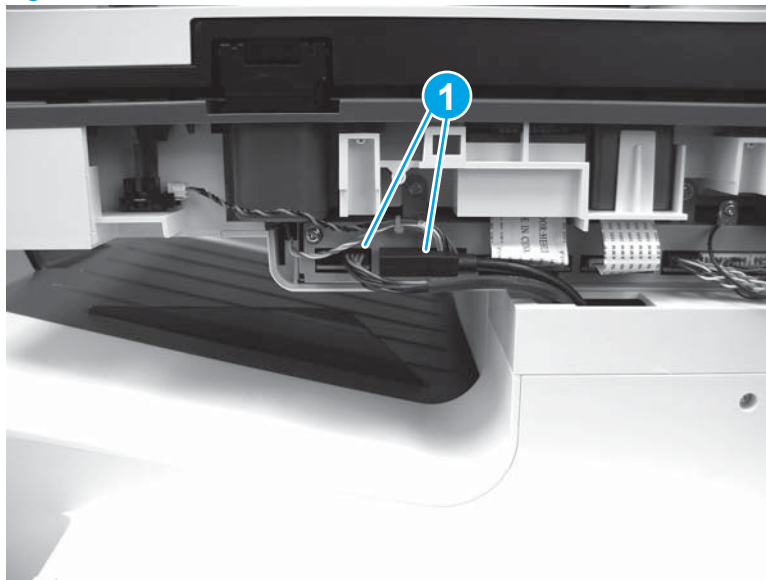
9. Install two white rubber plugs (callout 1).

Figure 1-535 Install two plugs



10. At the rear of the printer, connect two connectors (callout 1) to the SCB.

Figure 1-536 Connect two connectors



11. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-537 Align the tabs on the SCB cover



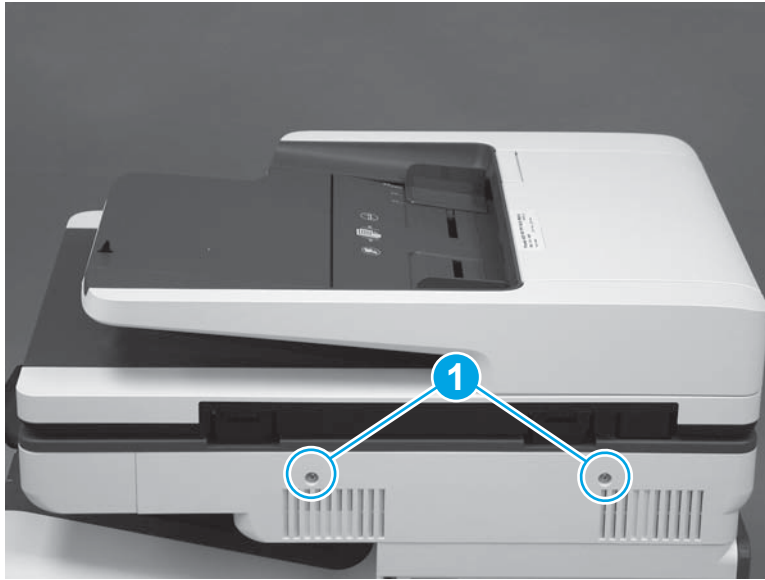
12. Push the cover straight in to install it.

Figure 1-538 Install the SCB cover



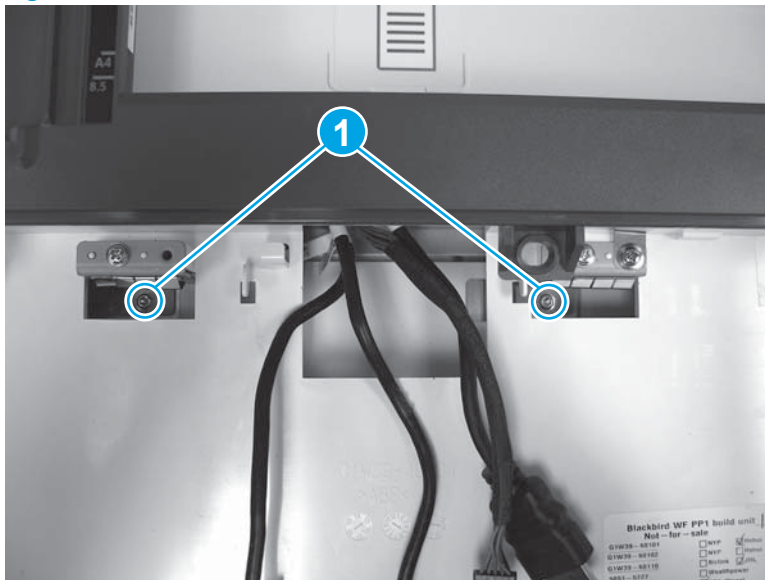
13. Install two screws (callout 1).

Figure 1-539 Install two screws



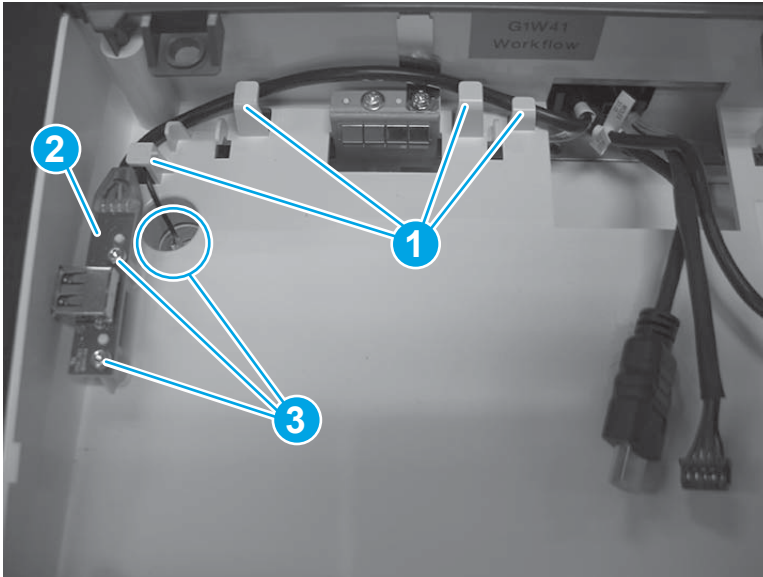
14. At the front of the printer (control panel area), install two screws (callout 1).

Figure 1-540 Install two screws



15. Install the cable in the retainers (callout 1), position the USB on the mounting bosses (callout 2), and then install three screws (callout 3).

Figure 1-541 Install the USB port PCA



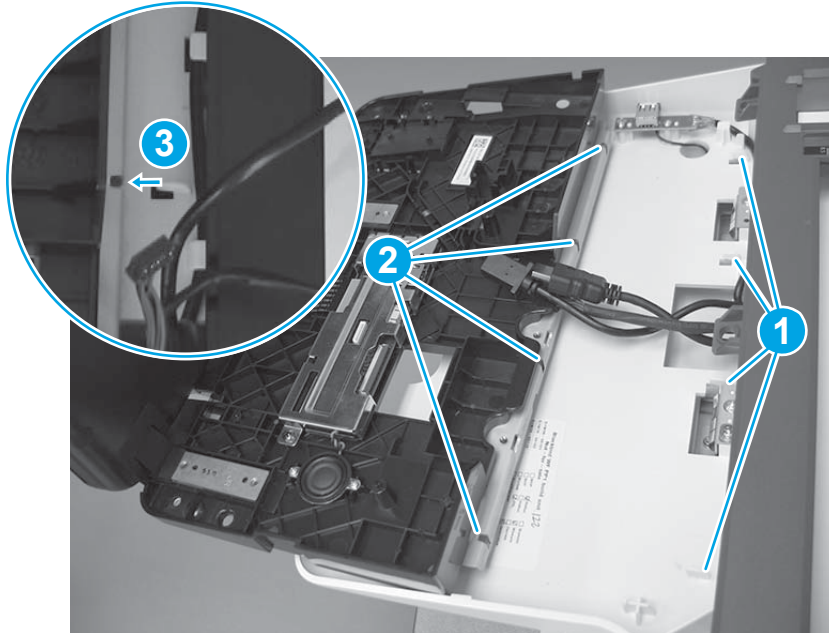
16. Install the USB port cover.

Figure 1-542 Install the USB port cover



17. Locate the four hooks on the ISA chassis (callout 1) and the matching slots in the control-panel base (callout 2). The hooks fit into the slots (callout 3) when the assembly is installed.

Figure 1-543 Locate the control-panel mounting hooks and slots



18. Position the rear edge of the control panel in the ISA chassis (callout 1), and then lower the front of the assembly down (callout 2).


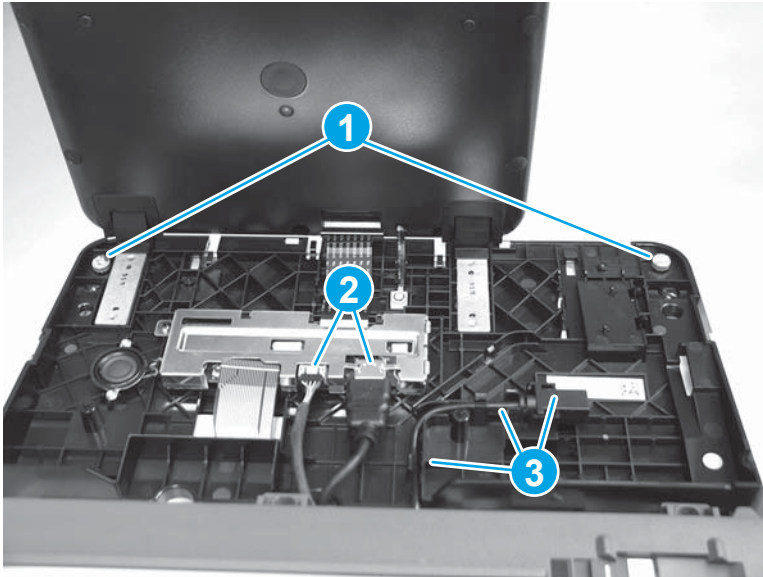
 **NOTE:** Make sure that the hooks on the ISA chassis are engaged in the slots of the control-panel base (see step 17).

Figure 1-544 Install the control panel



19. Install two thumbscrews (callout 1), connect one HDMI cable and one connector (callout 2), and then install the USB cable in the holder and retainers (callout 3).

Figure 1-545 Install thumbscrews and connect connectors



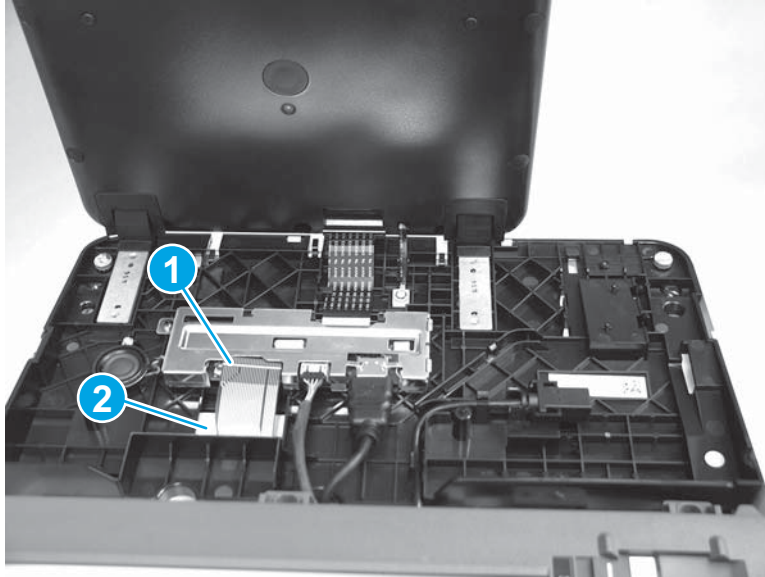
20. **586z only:** Install the keyboard, and then slide it in until it stops.

Figure 1-546 Install the keyboard (586z)



- 21. 586z only:** As the keyboard is installed, pass the flat cable (callout 1) through the opening (callout 2) in the control-panel base.

Figure 1-547 Pass the flat cable through the opening



- 22. 586z only:** Insert the Flat cable in the connector, and then close the latch.


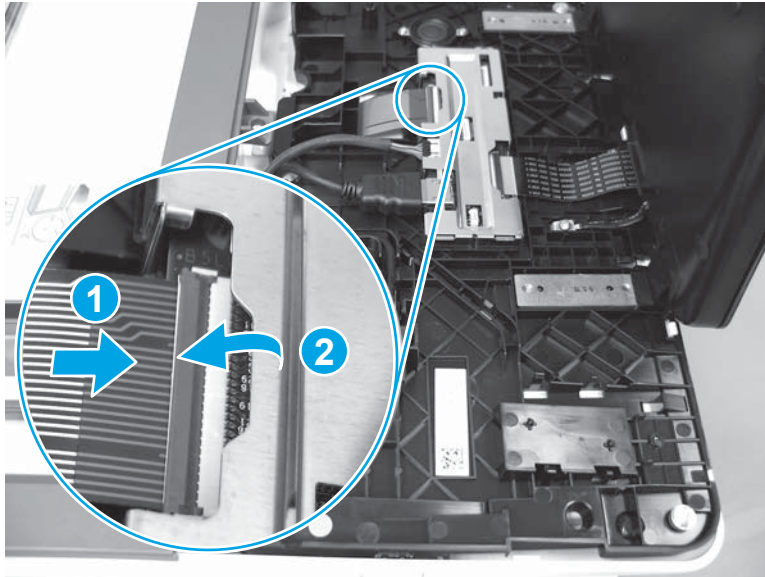
 **TIP:** When the flat cable is correctly inserted in the connector, the white line on the flat cable is parallel to the connector body.

Figure 1-548 Connect the keyboard cable (586z)



23. Position the control-panel cover on the control panel.

Figure 1-549 Install the cover



24. Beginning at the right side of the control-panel cover, carefully push down along the top edge of the cover to engage the bosses.


 **NOTE:** If the right- and left-side bosses are not fully engaged, push down along the edge of the cover to fully seat them.

Figure 1-550 Install the control-panel cover




25. Position the small gray plastic cover in the slot under the control panel, and then push it straight in to install it.

Figure 1-551 Install the cover

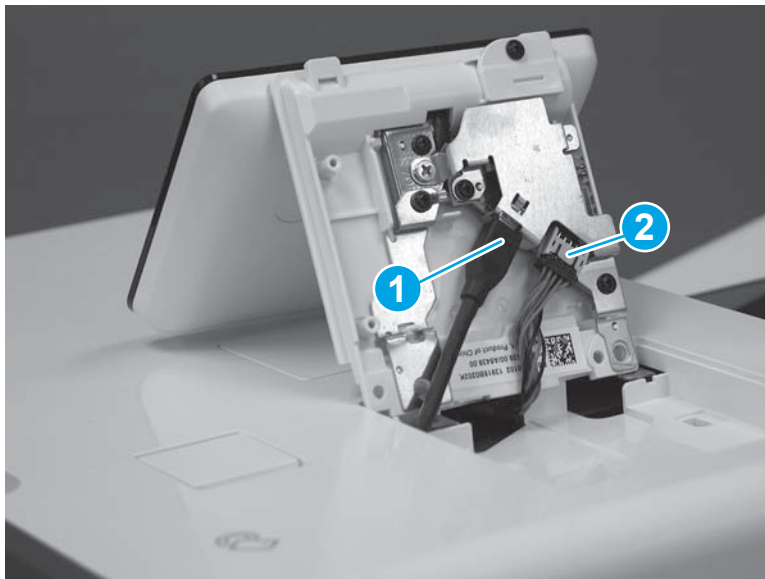


Step 26: Install the control panel (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step.

1. Connect one HDMI cable (callout 1) and one connector (callout 2).

Figure 1-552 Connect cables



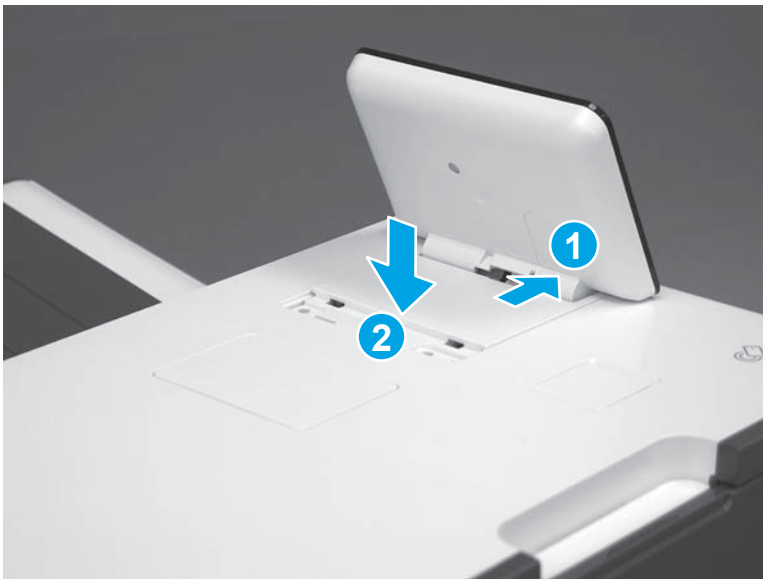
2. Install the tabs (callout 1) on the front of the control panel in the slots (callout 2) on the printer top cover.

Figure 1-553 Install the control panel



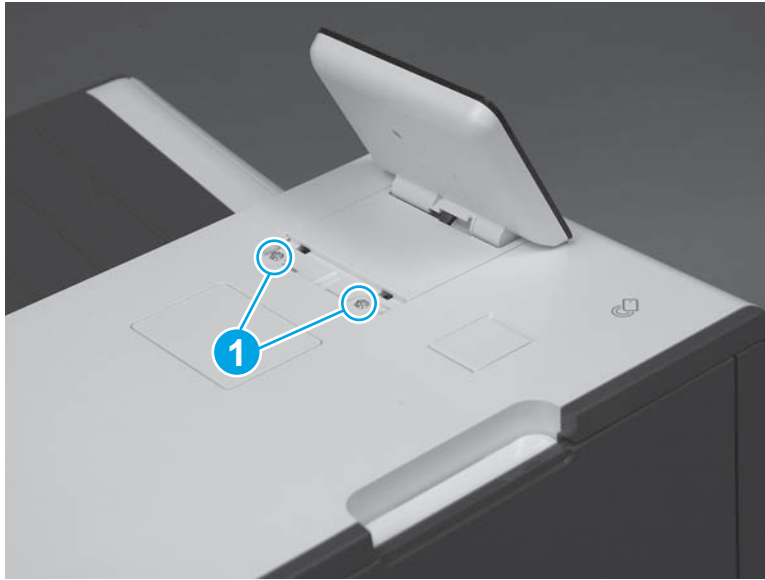
3. With the front tabs engaged in the slots (callout 1), rotate the control-panel base down onto the printer (callout 2).

Figure 1-554 Rotate the control-panel base down



4. Install two # 10 torx screws (callout 1).

Figure 1-555 Install two screws



5. Position the access cover mounting feet into the slots in the top cover (callout 1), and then rotate the cover down (callout 2) to install it.


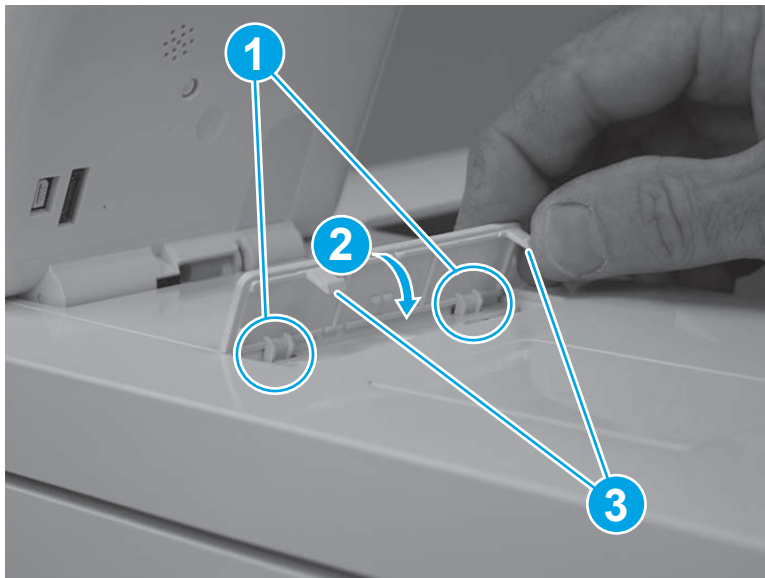
 **NOTE:** Press down on the cover firmly to make sure that the tabs (callout 3) snap into place.

Figure 1-556 Install the cover



Removal and replacement: Internal parts and assemblies

- [Removal and replacement: Tray 2-X rollers](#)
- [Removal and replacement: Formatter](#)
- [Removal and replacement: Document feeder assembly \(586\)](#)
- [Removal and replacement: Scanner control board \(SCB\) \(586\)](#)
- [Removal and replacement: Sub-scanner assembly \(SSA\) \(586\)](#)
- [Removal and replacement: Power supply](#)
- [Print mechanism kit \(556\)](#)
- [Print mechanism kit \(586\)](#)

Removal and replacement: Tray 2-X rollers

- [Introduction](#)
- [Step 1: Remove the tray](#)
- [Step 2: Remove the separation and pick roller assemblies](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the pickup and separation roller assemblies](#)
- [Step 5: Install the tray](#)


Introduction


This document provides the procedures to remove and replace the Tray 2-X separation and pick roller assemblies.


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.

 **IMPORTANT:** The separation roller assemblies look similar but are not interchangeable. If more than one assembly must be replaced, HP recommends that only one assembly be removed and replaced at a time.

 **NOTE:** The Tray 2 roller and separation roller assembly are shown in this guide. However, these instructions are correct for replacing these parts in Tray 3/4/5.

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 2-X separation and pick rollers part number	
CN598-67018	Tray 2 separation and pick rollers with instruction guide
D3Q21-67002	Tray 3 separation and pick rollers with instruction guide ¹
D3Q21-67003	Tray 4/5 separation and pick rollers with instruction guide ¹

¹ A roller removal tool is included in this kit.

Required tools

- #10 Torx driver.
- Roller removal tool (included in the kit)

After performing service

Turn the printer power on

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

Post service test

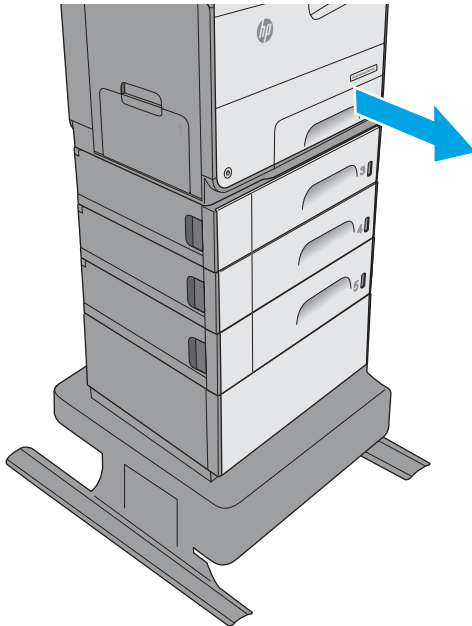
Make sure that the printer initializes to a **Ready** state.

Print a page from the each tray to make sure that it is correctly functioning.

Step 1: Remove the tray

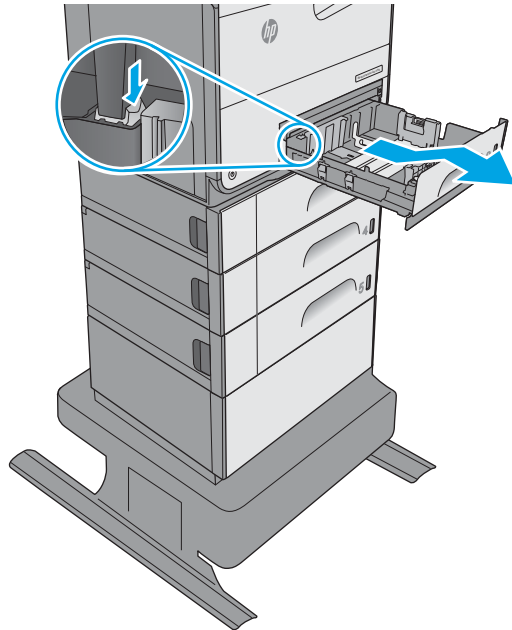
1. Pull the tray out until it stops.

Figure 1-557 Open the tray



2. Press the latch in left-rear corner of the tray to remove it from the printer.

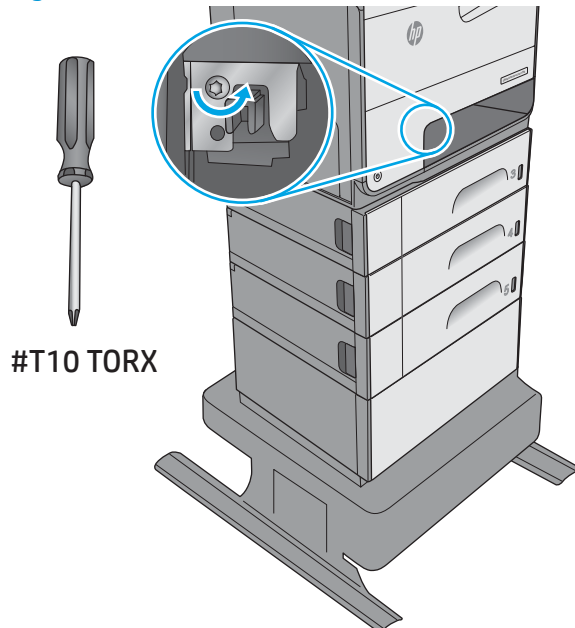
Figure 1-558 Remove the tray



Step 2: Remove the separation and pick roller assemblies

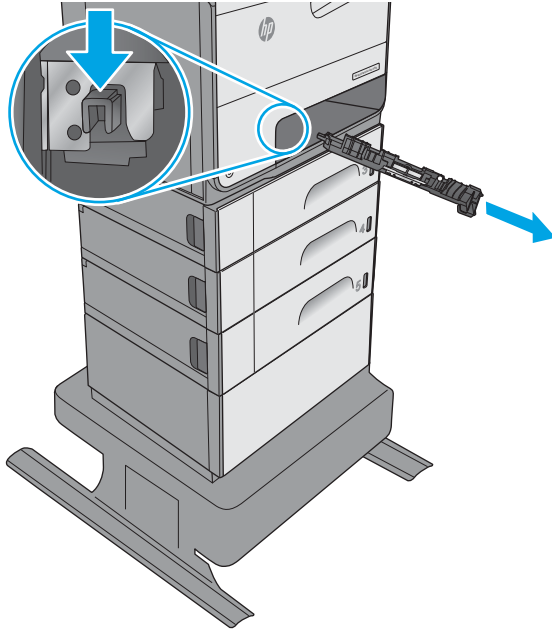
1. Remove one screw.

Figure 1-559 Remove one screw



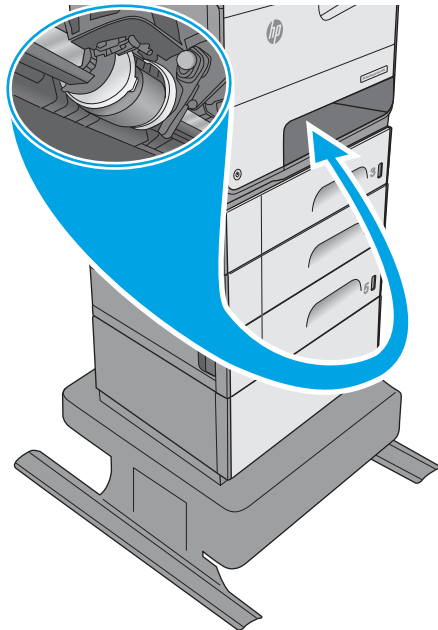
2. Push down on the separation roller assembly to release it, and then pull it straight out of the printer to remove it.

Figure 1-560 Remove the separation roller assembly



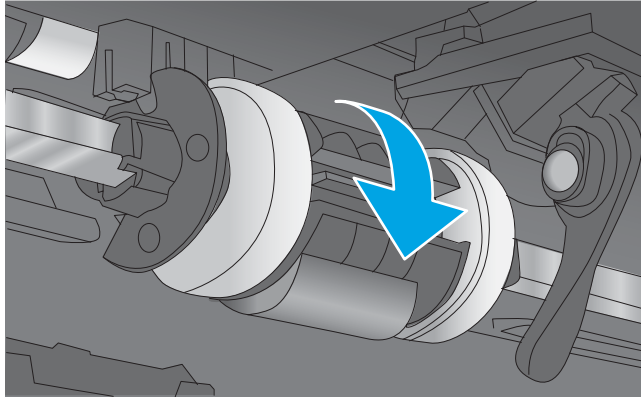
3. Look into the tray cavity and locate the pick roller assembly.

Figure 1-561 Locate the pick roller assembly



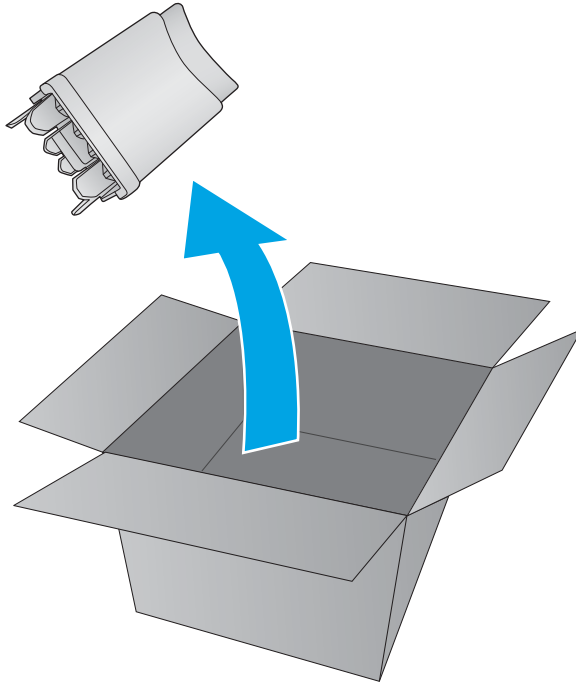
4. Rotate the pick roller and holder assembly until the back of the holder faces outward.

Figure 1-562 Rotate the pick roller and holder assembly



5. Locate the roller removal tool that is included in the kit.

Figure 1-563 Locate the roller removal tool



6. With the back side of the roller holder facing outward, firmly place the roller removal tool against the roller holder.


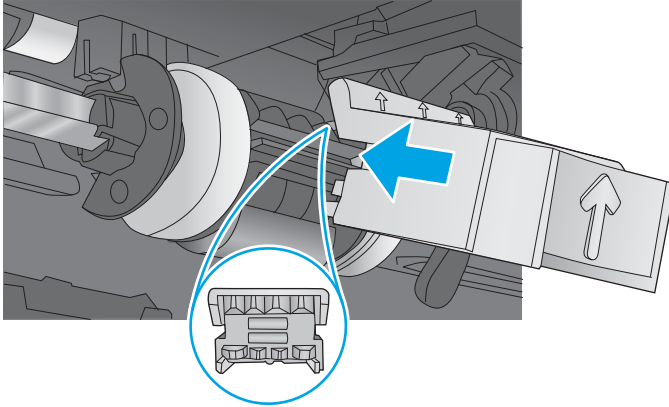
 **NOTE:** The arrow on the end of the tool must point upward.

Figure 1-564 Place the roller removal tool on the holder



7. With the roller removal tool placed firmly against the roller holder, press in on the tool to release the roller locking tabs.


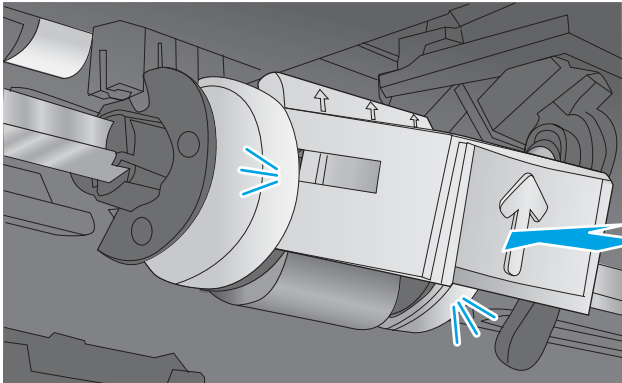
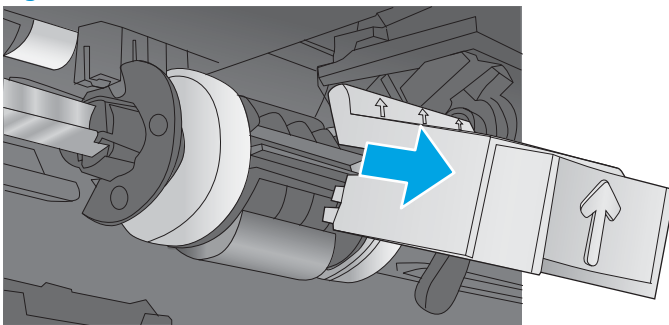
 **TIP:** An audible click can be heard when the tabs release.

Figure 1-565 Release the roller tabs



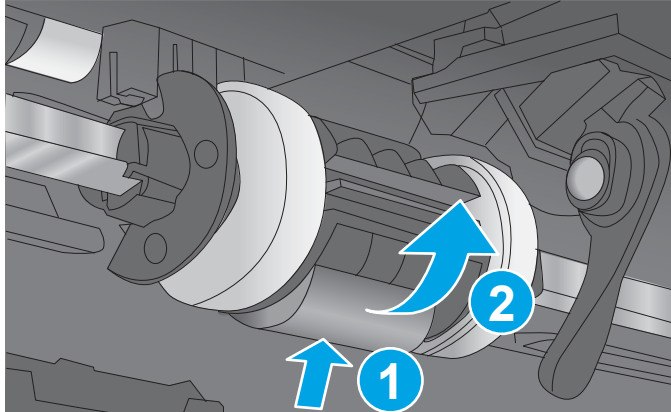
8. Remove the tool.

Figure 1-566 Remove the tool



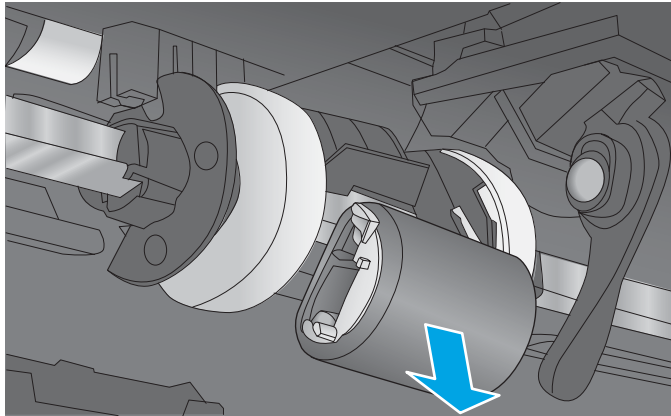
9. Use a finger to hold the roller in place (callout 1), and then rotate the roller and holder up (callout 2) to expose the roller.

Figure 1-567 Release the roller



10. Remove the roller.

Figure 1-568 Remove the roller



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

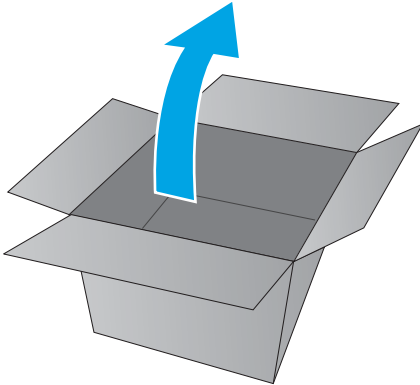
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or before touching rollers or pads.

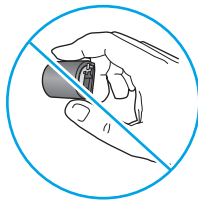
IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 4: Install the pickup and separation roller assemblies

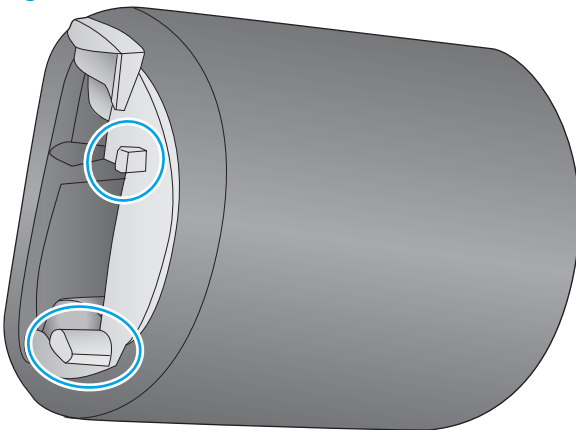
1. Locate the tabs and pins on the replacement roller.

CAUTION: Avoid touching the spongy part of roller. Skin oils on the roller can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling roller or washing your hands before touching rollers.




NOTE: There is one pin and one tab one each side of the roller.

Figure 1-569 Remove the roller



2. Install the tabs on either side of the roller into the notches on the holder.

 **TIP:** The holder might need to be repositioned if it rotated while removing the roller.

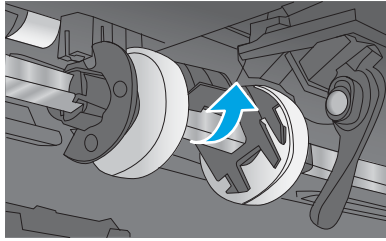
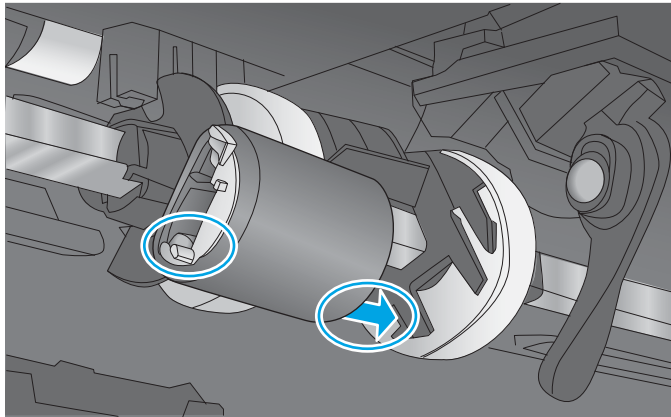


Figure 1-570 Install the tabs



3. Rotate the roller up until the pins snap into the slots on the holder.


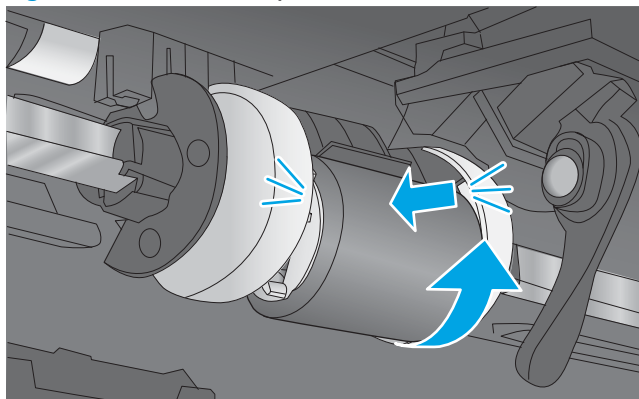
 **Reinstallation tip:** An audible click can be heard when the pins snap into the slots on the roller holder. Make sure that the roller is securely fastened in the holder.

Figure 1-571 Install the pins



4. Install the back end of the separation roller assembly into the printer.


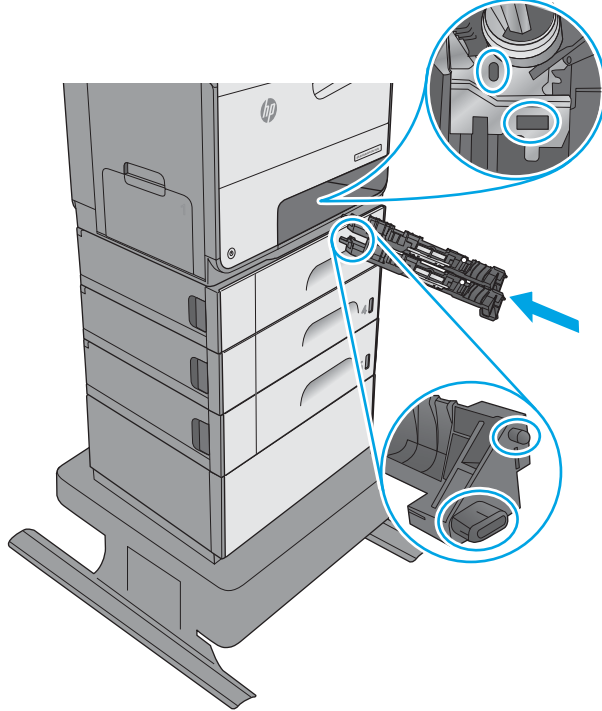
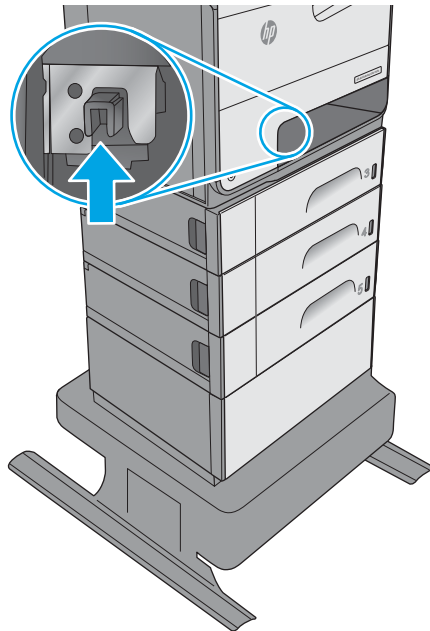
 **Reinstallation tip:** There is a pin and a tab on the assembly that correspond to a hole and a slot in the sheet-metal rear wall of the tray cavity.

Figure 1-572 Install the back end of the assembly



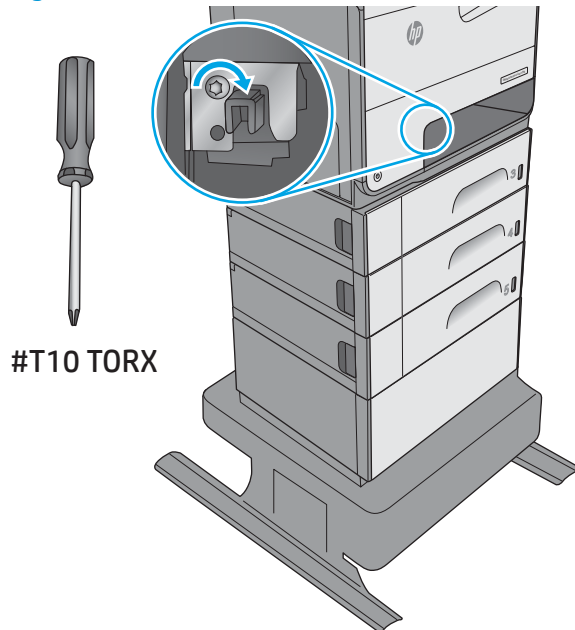
5. Push up on the front end of the separation roller assembly to install it in the holder.

Figure 1-573 Install the front end of the assembly



6. Install one screw.

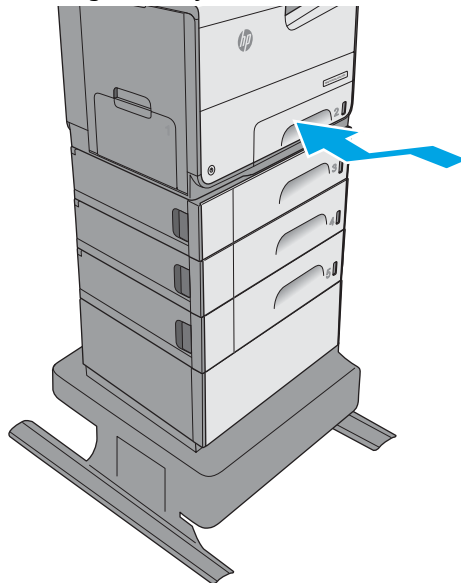
Figure 1-574 Install one screw




Step 5: Install the tray

- ▲ With the tray at a slight angle, align the sides of the tray with the rails in the accessory, and then slide the tray straight into the printer to install it.

Figure 1-575 Align the tray



Removal and replacement: Formatter

 **IMPORTANT:** Take note of all empty connectors on the PCA before disconnecting any wire harnesses or flat-flexible cables (FFCs). Some empty connectors might not be visible until other items—like the hard-disk drive—are removed, so pay close attention while removing the formatter and accessories items.

- [Introduction](#)
- [Step 1: Remove the formatter cover](#)
- [Step 2: Remove the fax PCA](#)
- [Step 3: Remove the hard-disk drive \(HDD\)](#)
- [Step 4: Remove the embedded MultiMedia Card \(eMMC\)](#)
- [Step 5: Remove the small outline dual in-line memory module \(SODIMM\)](#)
- [Step 6: Remove the formatter](#)
- [Step 7: Unpack the replacement assembly](#)
- [Step 8: Install the formatter](#)
- [Step 9: Install the small outline dual in-line memory module \(SODIMM\)](#)
- [Step 10: Install the embedded MultiMedia Card \(eMMC\)](#)
- [Step 11: Install the hard-disk drive \(HDD\)](#)
- [Step 12: Install the fax PCA](#)
- [Step 13: Install the formatter cover](#)


Introduction


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

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.

 **IMPORTANT:** Take note of all empty connectors on the formatter before disconnecting any wire harnesses or cables. Some empty connectors might not be visible until other items --like the hard-disk drive --are removed, so pay close attention while removing the formatter and accessories items

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 numbers	
G1W46-67911	Formatter (556) with instruction guide
G1W46-67912	Formatter (556; China) with instruction guide
G1W39-67914	Formatter (586) with instruction guide
G1W39-67939	Formatter (586; China) with instruction guide

Required tools

- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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.

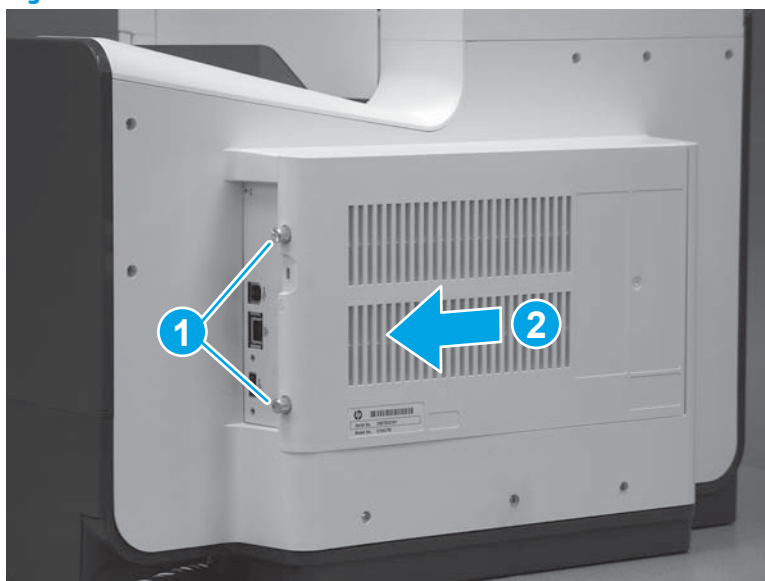
Print a configuration page to make sure that the printer is functioning correctly.

Step 1: Remove the formatter cover


- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).

 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-576 Remove the formatter cover



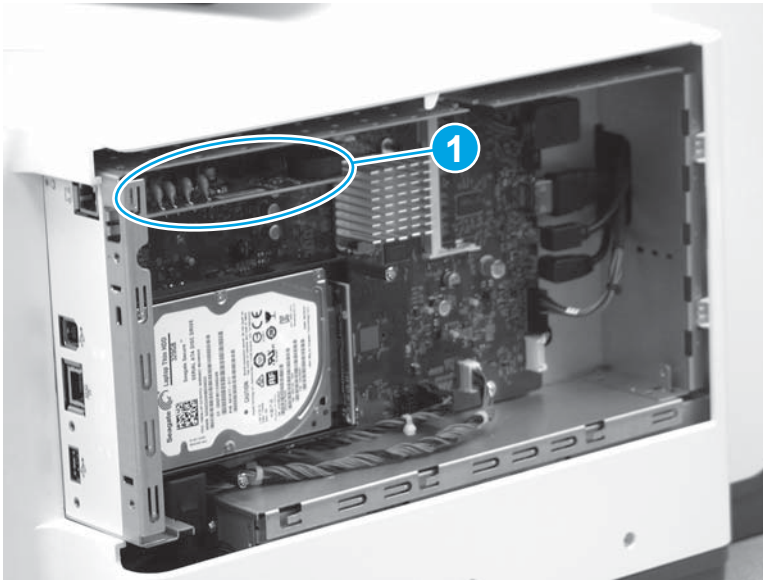
Step 2: Remove the fax PCA

 **NOTE:** Fax models only. For all other models, skip this step and go to [Step 3: Remove the hard-disk drive \(HDD\) on page 357](#).

 **CAUTION:**  ESD-sensitive part.

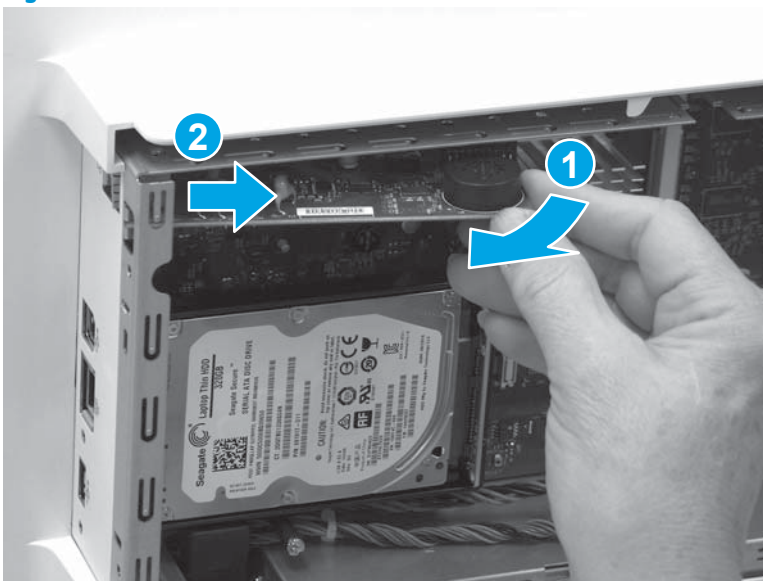
1. Locate the fax PCA (callout 1) on the formatter.

Figure 1-577 Locate the fax PCA




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

Figure 1-578 Remove the fax PCA



Step 3: Remove the hard-disk drive (HDD)

 **NOTE:** HDD models only. For all other models, skip this step and go to [Step 4: Remove the embedded MultiMedia Card \(eMMC\) on page 358](#).

 **CAUTION:**  ESD-sensitive part.

1. Remove two thumbscrews (callout 1).


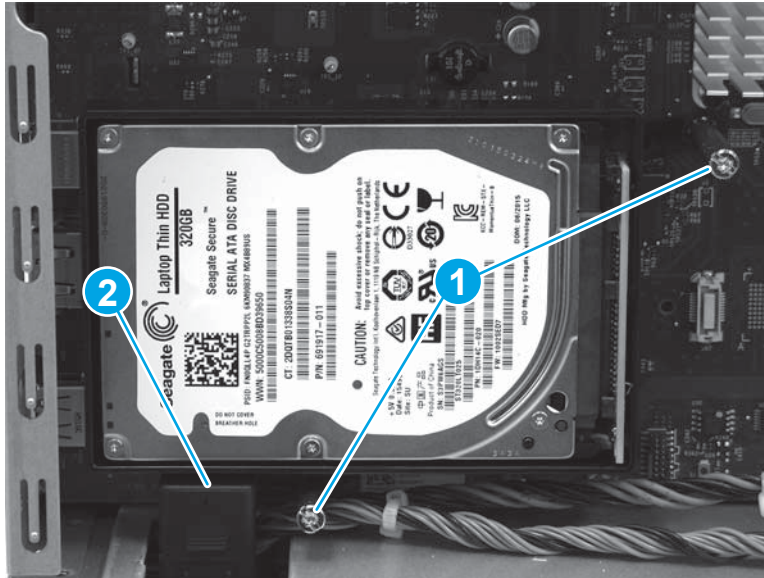
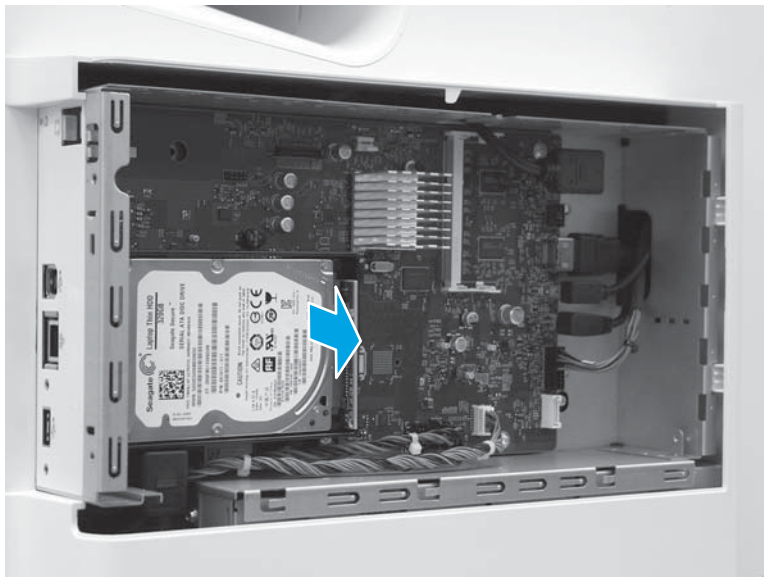
 **TIP:** It might be easier to remove the lower thumbscrew if one connector (callout 2) is disconnected.

Figure 1-579 Release the HDD




2. Pull the HDD straight off of the formatter to remove it.


Figure 1-580 Remove the HDD



Step 4: Remove the embedded MultiMedia Card (eMMC)

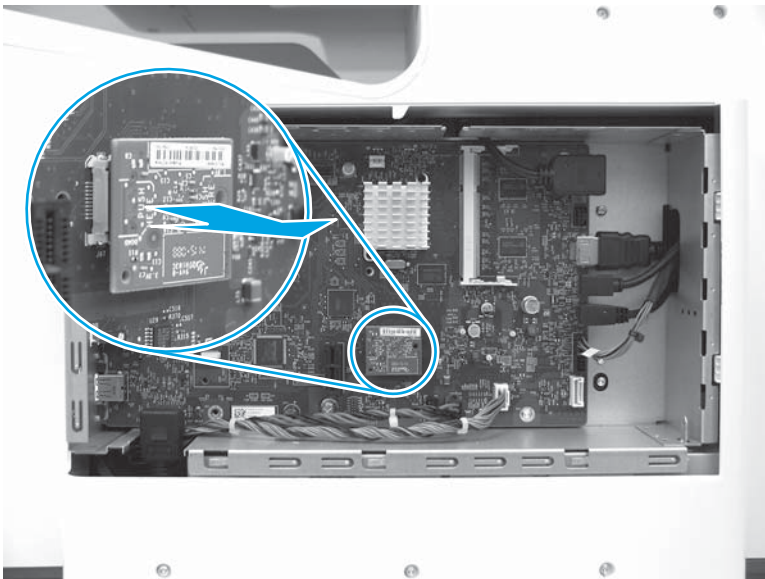
 **NOTE:** 556dn models only. For all other printers and models, skip this step and go to [Step 5: Remove the small outline dual in-line memory module \(SODIMM\) on page 358](#).

 **CAUTION:**  ESD-sensitive part.


 **NOTE:** M506 (all) and M527dn printers only.

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

Figure 1-581 Remove the eMMC



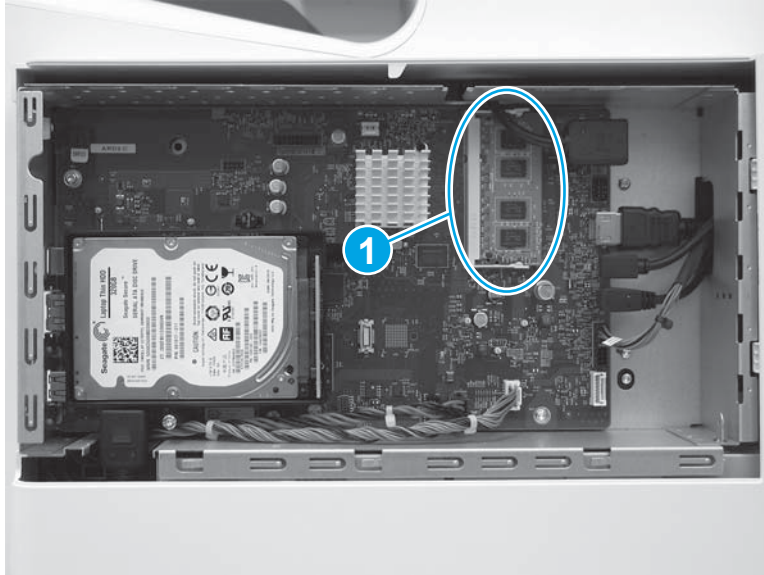
Step 5: Remove the small outline dual in-line memory module (SODIMM)

 **NOTE:** SODIMM installed models only. For all other models, skip this step and go to [Step 6: Remove the formatter on page 360](#).

 **CAUTION:**  ESD-sensitive part.

1. Locate the DIMM component on the formatter (callout 1).

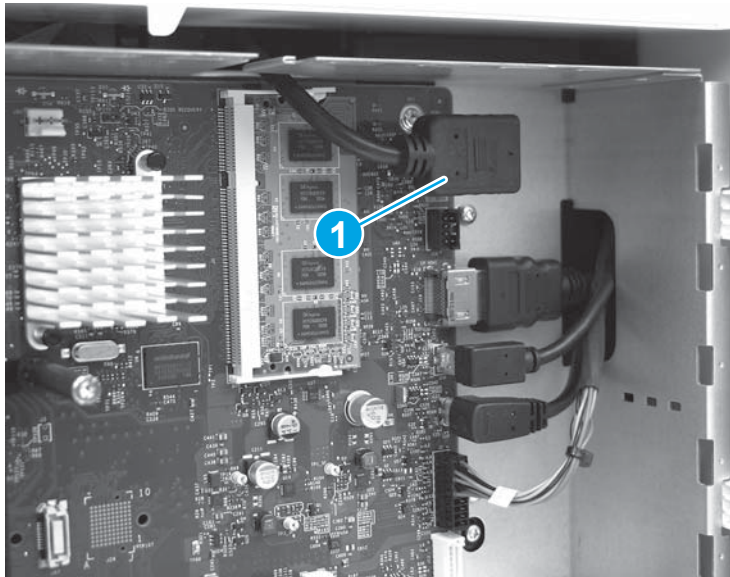
Figure 1-582 Disconnect three connectors



- 2. 586 printers only:** Disconnect one connector (callout 1).

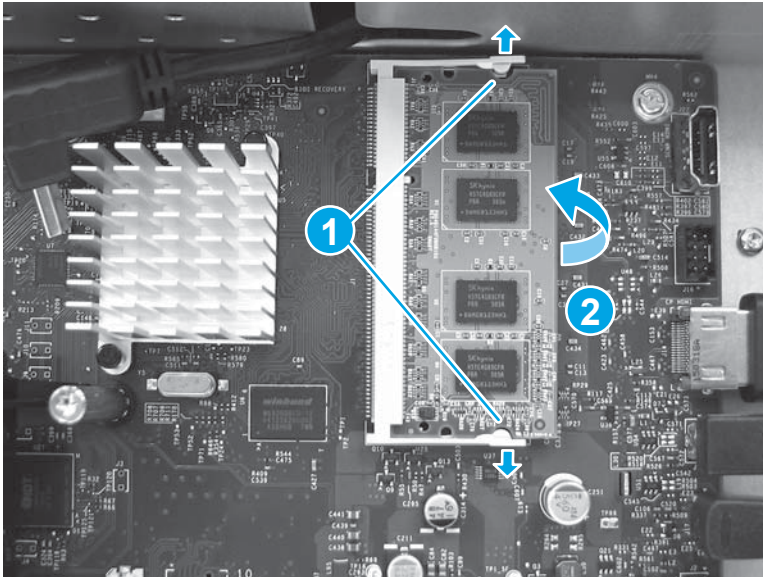
 **IMPORTANT:** Make sure that you connect this connector after the DIMM is installed.

Figure 1-583 Disconnect one connector (586)



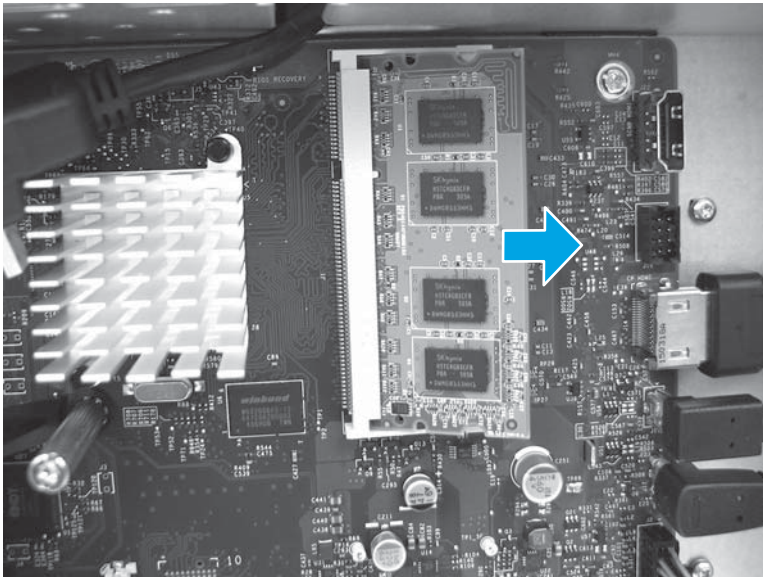
3. Release two locking arms (callout 1), and then rotate the right edge of the SODIMM away from the holder (callout 2).

Figure 1-584 Release the SODIMM



4. Pull the SODIMM out and away from the holder to remove it.

Figure 1-585 Remove the SODIMM



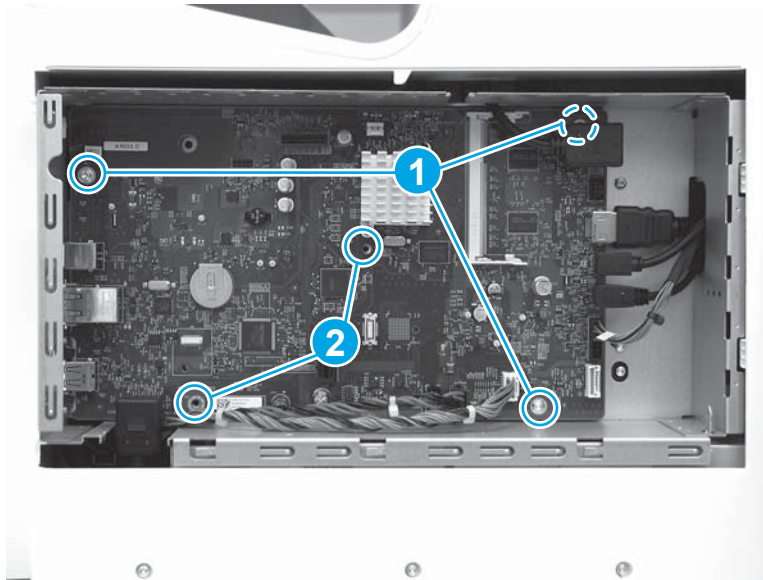
Step 6: Remove the formatter

1. Disconnect all of the connectors and cables and then do one of the following:
 - For HDD models: Remove three screws (callout 1).
 - For all other models: Remove five screws (callout 1 and callout 2).

IMPORTANT: Take note of all empty connectors on the formatter before disconnecting any wire harnesses or cables. Some empty connectors might not be visible until other items --like the hard-disk drive --are removed, so pay close attention while removing the formatter and accessories items.

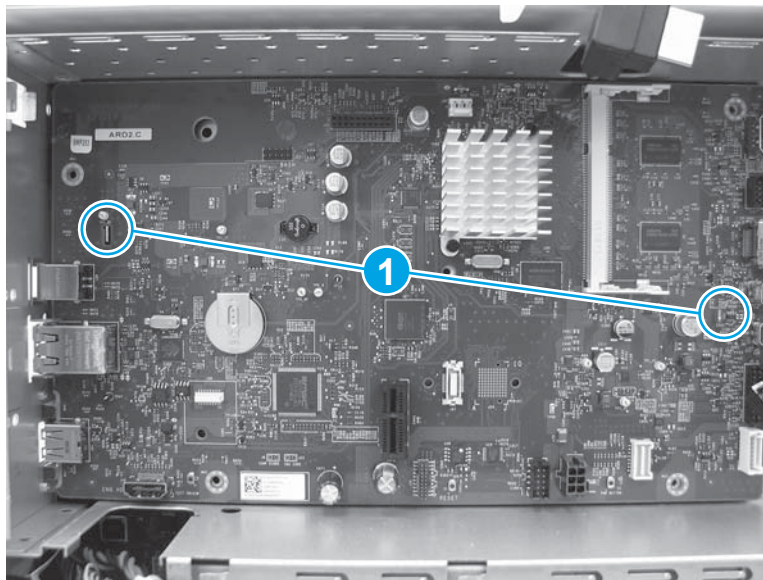
NOTE:

Figure 1-586 Disconnect connectors and remove screws



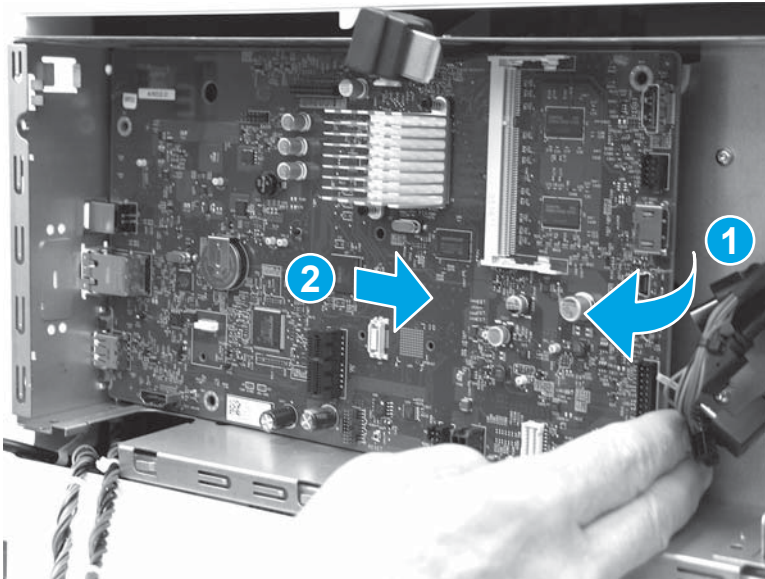
2. Note the location of two metal tabs fitting into slots in the formatter (callout 1).

Figure 1-587 Locate the tabs



3. Rotate the right edge of the formatter away from the printer (callout 1) to release the tabs identified in the previous step, and then slide the formatter to the right (callout 2) to remove it.

Figure 1-588 Remove the formatter



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

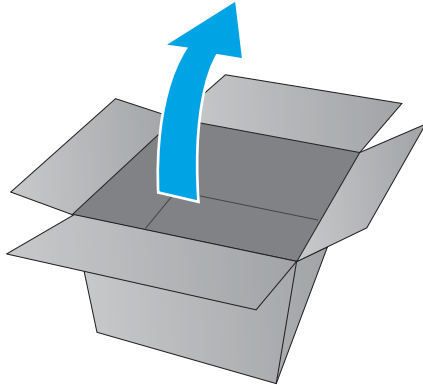
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or before touching rollers or pads.

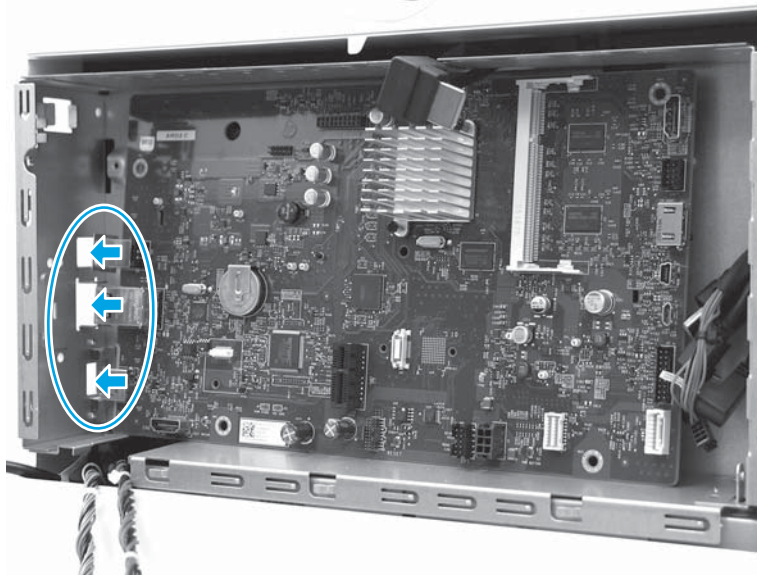
IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 8: Install the formatter

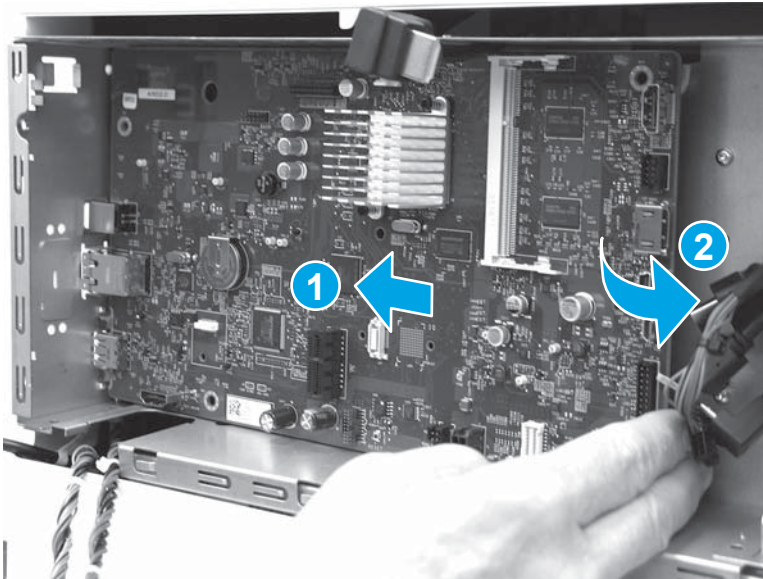
1. Position the ports on the formatter through the openings in the formatter case.

Figure 1-589 Position the ports in the openings



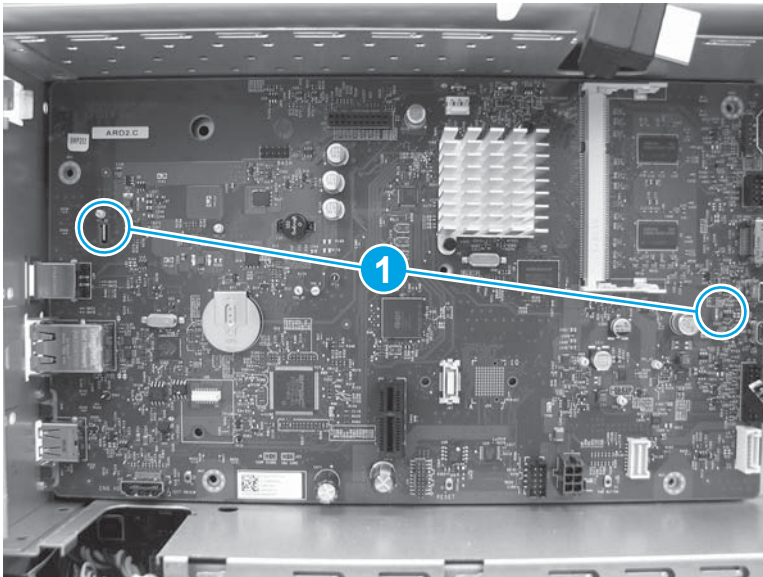
2. Slide the formatter to the left (callout 1) to position the ports in the openings, and then rotate the right edge of the formatter toward the printer (callout 2).

Figure 1-590 Install the formatter



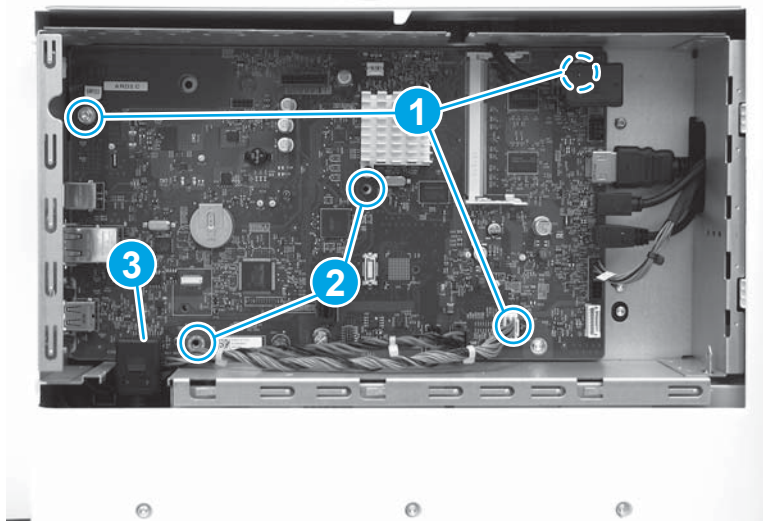
3. Make sure that the two metal tabs (callout 1) fit securely into the slots in the formatter.

Figure 1-591 Check the tabs



4. Do one of the following:
 - For HDD models: Install three screws (callout 1), and then connect all of the connectors and cables.
 - 💡 **TIP:** For HDD models, it might be easier to install the lower thumbscrew by leaving one connector (callout 3) disconnected.
 - For all other models: Install five screws (callout 1 and callout 2), and then connect all of the connectors and cables.

Figure 1-592 Install screws and connect connectors



Step 9: Install the small outline dual in-line memory module (SODIMM)

 **CAUTION:**  ESD-sensitive part.

1. Insert the connector end of the SODIMM into the holder. Make sure that the SODIMM is fully pushed into the connector.


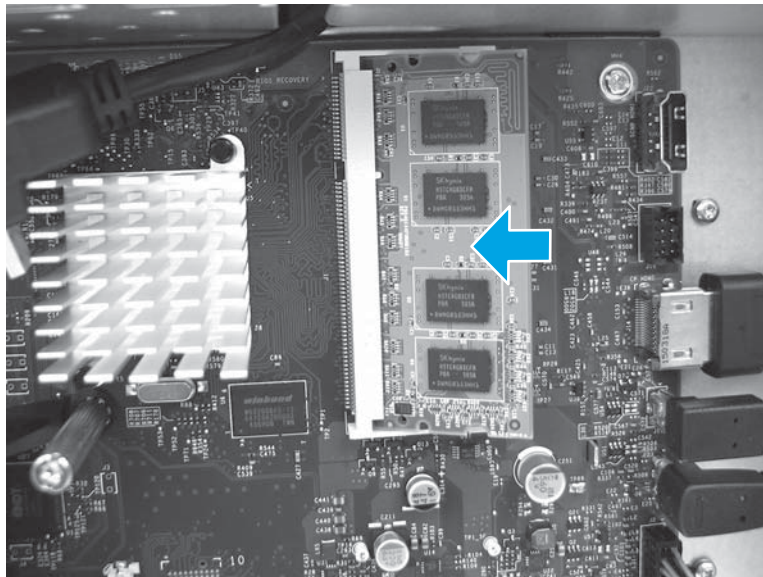
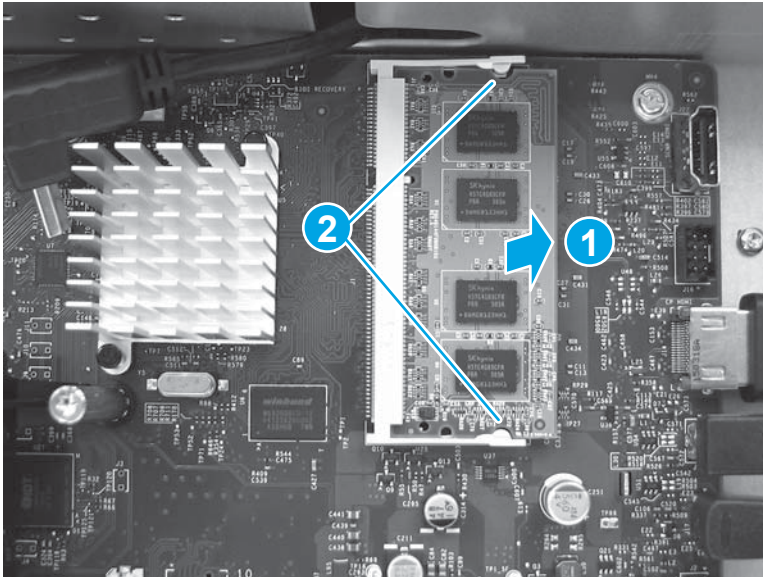
 **NOTE:** The SODIMM is keyed and can only be inserted into the holder one way.

Figure 1-593 Install the SODIMM



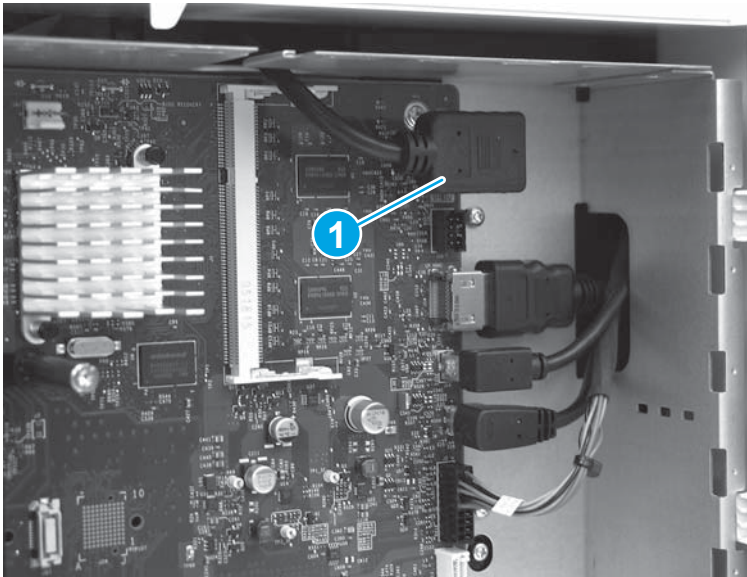
2. Rotate the right edge of the DIMM toward the holder (callout 1). Make sure that the two locking arms (callout 2) snap into place.

Figure 1-594 Seat the SODIMM




3. **586 models only:** Connect one connector (callout 1)


Figure 1-595 Disconnect one connector (586)



Step 10: Install the embedded MultiMedia Card (eMMC)

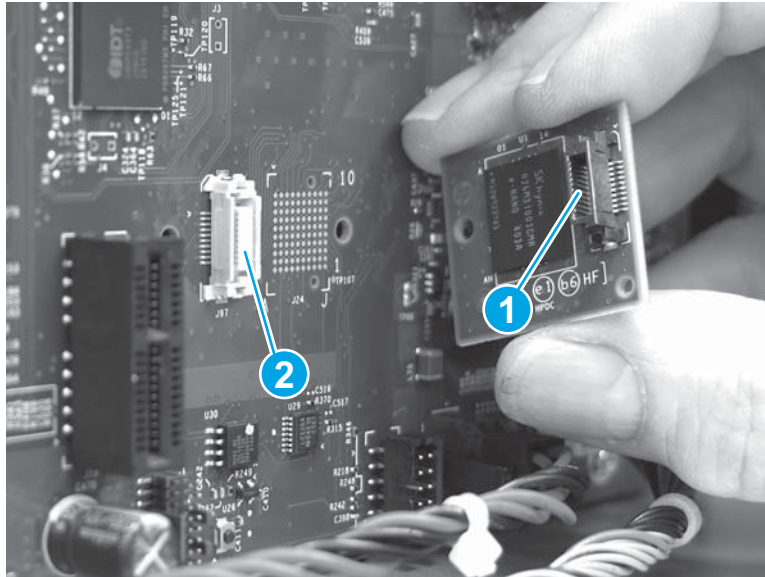
 **NOTE:** 556dn models only. For all other printers and models, skip this step and go to [Step 11: Install the hard-disk drive \(HDD\) on page 367](#).

 **CAUTION:**  ESD-sensitive part.


 **NOTE:** M506 (all) and M527dn printers only.

1. Note the location of the connector (callout 1) on the eMMC and the connector (callout 2) on the formatter.

Figure 1-596 Locate the eMMC connectors

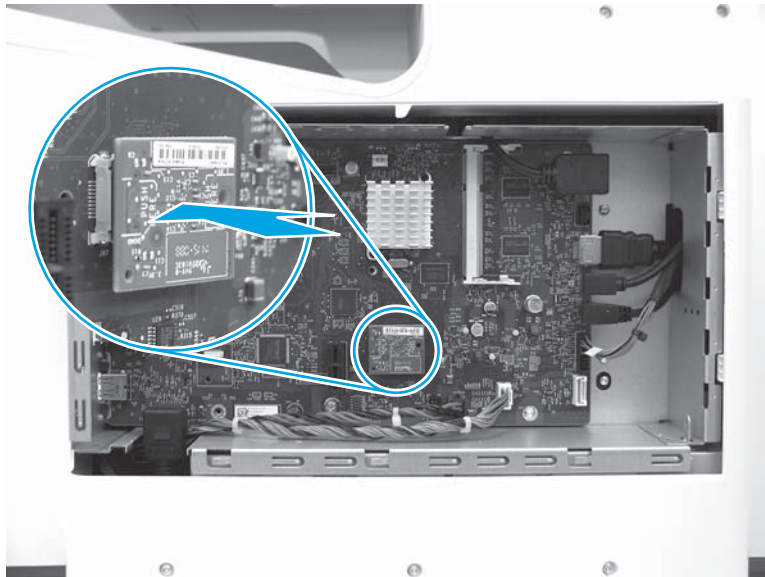


2. Align the connector on the replacement eMMC (callout 1) with the connector on the formatter, and then push the eMMC onto the formatter to install it.


 **IMPORTANT:** Push on the eMMC at the location shown by the arrow. Ignore any “Push here” label on the eMMC itself. Make sure that the eMMC is fully seated in the connector .

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

Figure 1-597 Install the eMMC



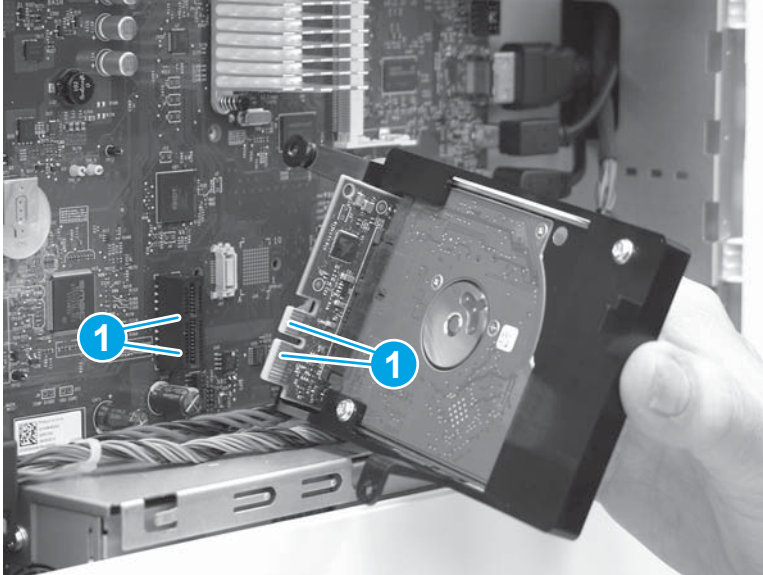
Step 11: Install the hard-disk drive (HDD)

 **NOTE:** HDD models only. For all other models, skip this step and go to [Step 12: Install the fax PCA on page 369](#).

 **CAUTION:**  ESD-sensitive part.

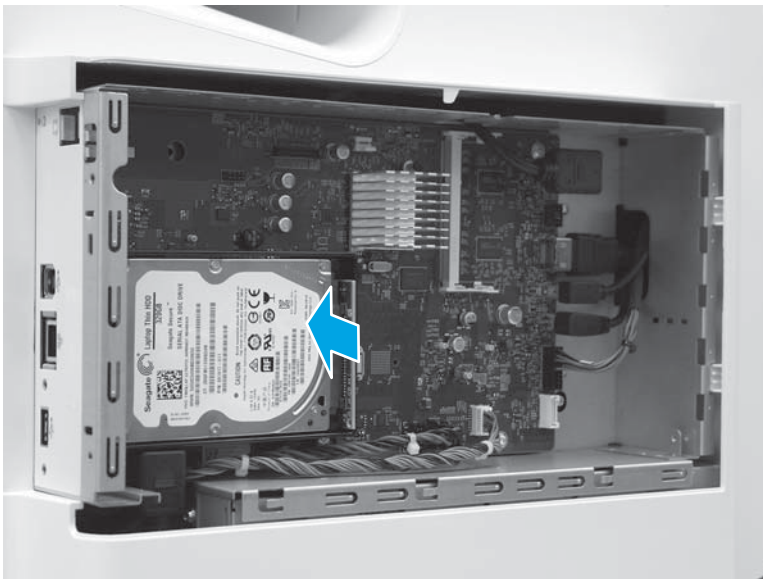
1. Before proceeding, note the location of the connectors (callout 1) on the HDD and the connector slots (callout 2) on the formatter.

Figure 1-598 Locate the connectors



2. Align the connectors mentioned in the previous step, and then push the HDD onto the formatter to install it.

Figure 1-599 Install the HDD



3. Install two thumbscrews (callout 1).


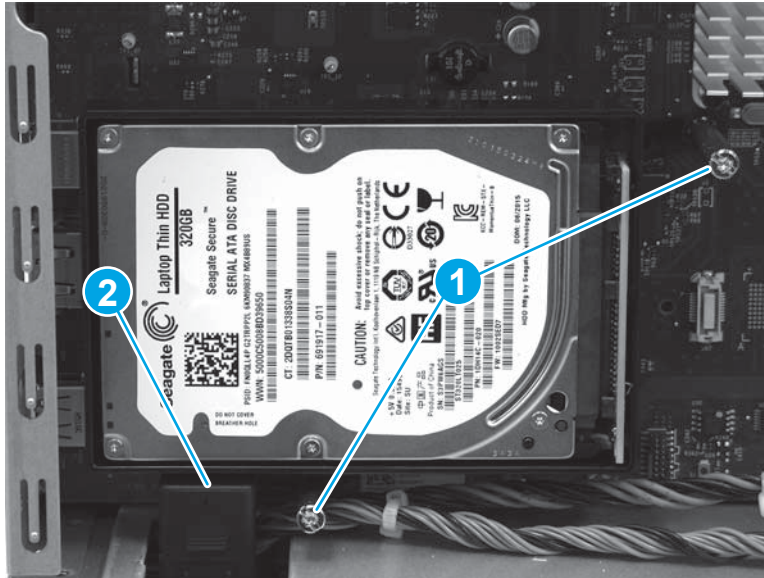

 **NOTE:** If the connector (callout 2) was disconnected to make it easier to install the lower thumbscrew, connect it now.


Figure 1-600 Install two thumb screws



Step 12: Install the fax PCA

 **NOTE:** Fax models only. For all other models, skip this step and go to [Step 13: Install the formatter cover on page 370](#).

 **CAUTION:**  ESD-sensitive part.

 **NOTE:** 586f/z printers only (optional for the 586dn).

1. Position the port (callout 1) on the fax PCA into the opening (callout 2) in the formatter case. Position the edge of the fax PCA (callout 3) into the sheet-metal slot (callout 4) on the formatter case.


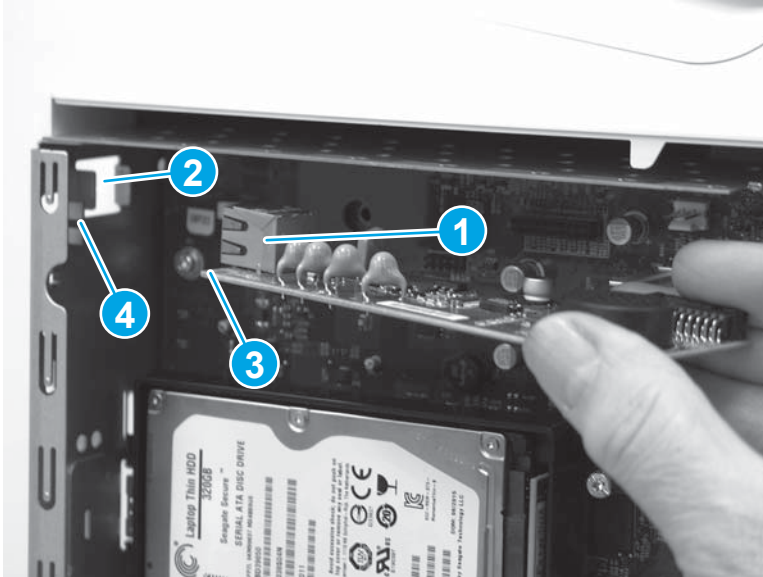
 **TIP:** If a fax accessory is being installed on the 586dn printer, peel away the protective covering on the outside of the formatter case to expose the fax port slot in the sheet metal frame.

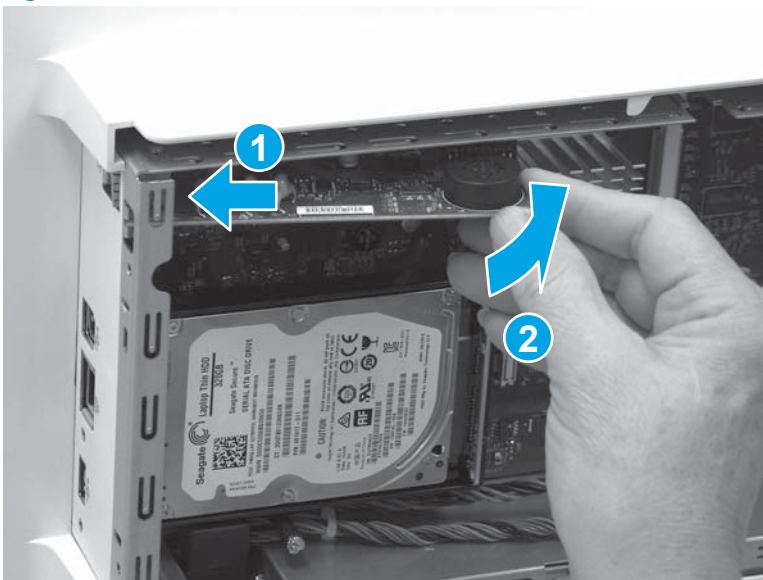
Figure 1-601 Locate the slots in the sheet-metal



2. Slide the fax PCA to the left (callout 1) to install the port and the edge of the PCA into the formatter case, as described in the previous step. Rotate the right edge (callout 2) of the PCA toward the formatter to install it in the connector on the formatter.

 **NOTE:** Make sure that the fax PCA is fully seated in the connector.

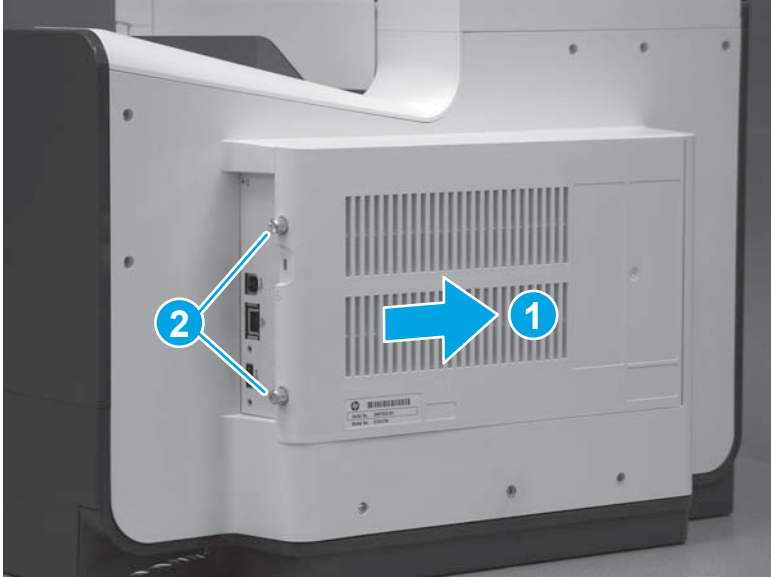
Figure 1-602 Install the fax PCA



Step 13: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-603 Install the formatter cover



Removal and replacement: Document feeder assembly (586)

- [Introduction](#)
- [Step 1: Remove the scanner controlle board \(SCB\) cover](#)
- [Step 2: Remove the document feeder assembly \(M586\)](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the document feeder assembly \(M586\)](#)
- [Step 5: Install the SCB cover](#)
- [Step 6: Install the white backing](#)
- [Step 7: Reset the firmware counter](#)


Introduction

This document provides the procedures to remove and replace the document feeder (586).

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.

Document feeder (586) kit part number	
G1W41-67908	ADF whole unit (document feeder; 586) kit with instruction guide ¹

¹ This kit includes a replacement white backing and white backing retention clips.

Required tools

- #10 Torx driver with a 152 mm (6 in) shaft and magnetized tip.
- Small flat-blade screwdriver.

After performing service

Turn the printer power on

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

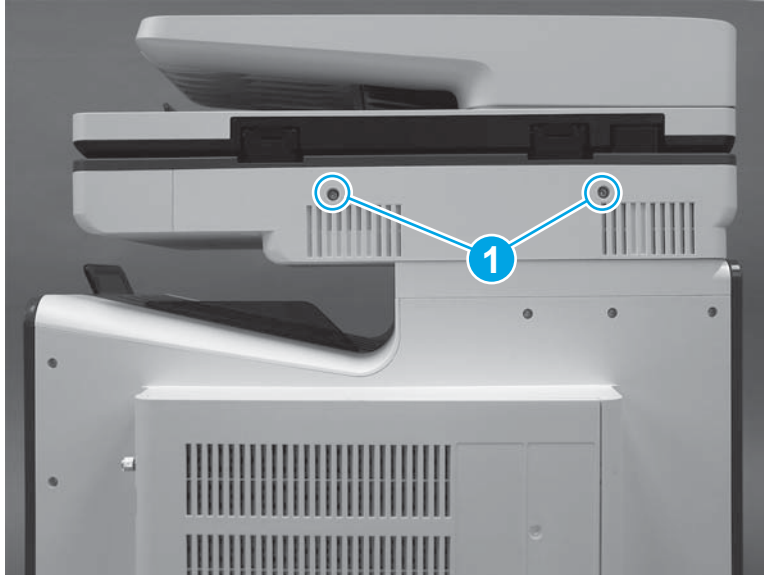
Post service test

Use the document feeder to make a copy to make sure that it is properly functioning.

Step 1: Remove the scanner controlle board (SCB) cover

1. At the back of the printer, remove two screws (callout 1).

Figure 1-604 Remove two screws



2. Pull the SCB cover straight off the printer to remove it

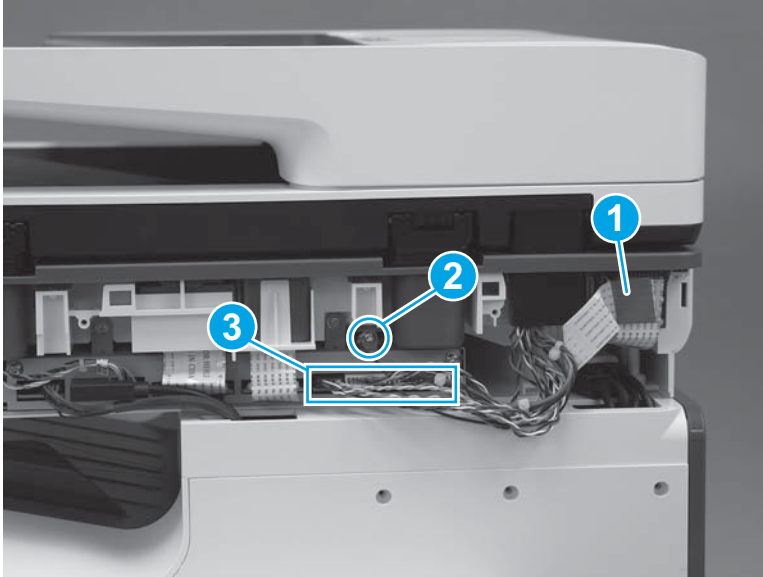
Figure 1-605 Remove the SCB cover



Step 2: Remove the document feeder assembly (M586)

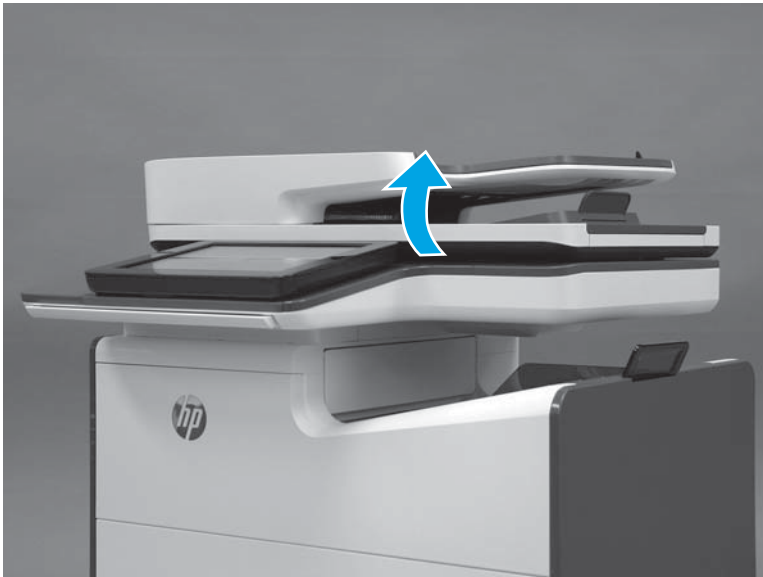
1. Disconnect one flat cable (callout 1), remove one ground screw (callout 2), and then disconnect five connectors (callout 3).

Figure 1-606 Disconnect connectors and remove ground screw



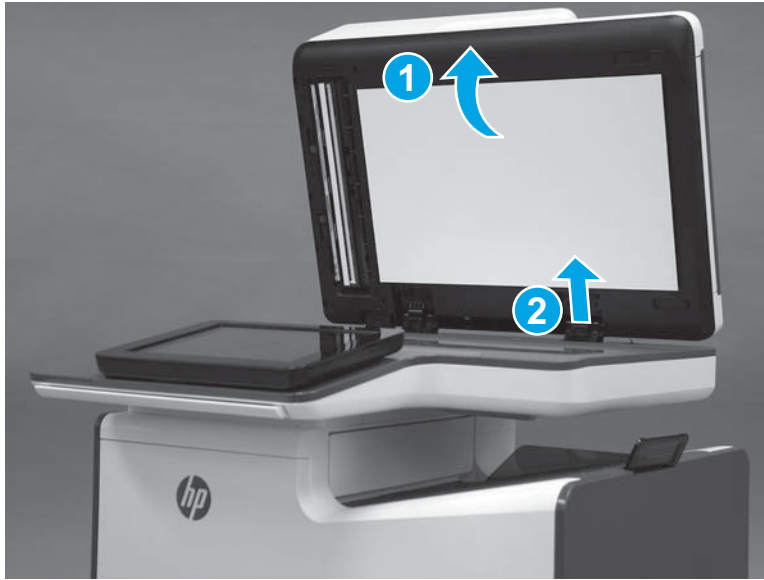
2. Open the document feeder.

Figure 1-607 Open the document feeder



3. Tilt the document feeder back until it stops (callout 1), and then lift it up until it stops (callout 2).

Figure 1-608 Tilt the document feeder back



4. Support the document feeder, and then use a small, flat-blade screwdriver to release two tabs on the document feeder hinges.


 **NOTE:** The tabs are located on the front side (scanner flatbed glass) of the hinges. Use the figure below to locate the tabs.

Figure 1-609 Release two tabs on the hinges



5. Lift the document feeder up to remove it.



 **NOTE:** While removing the document feeder, carefully pass the wire harnesses and the flat cable through the opening in the scanner.

Figure 1-610 Remove the document feeder



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

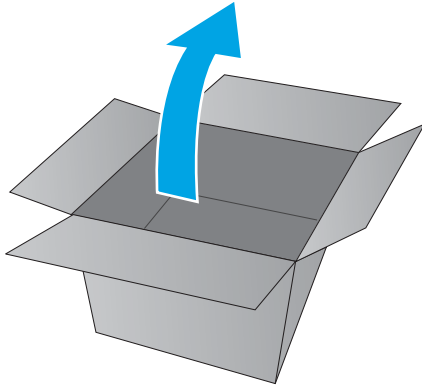
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

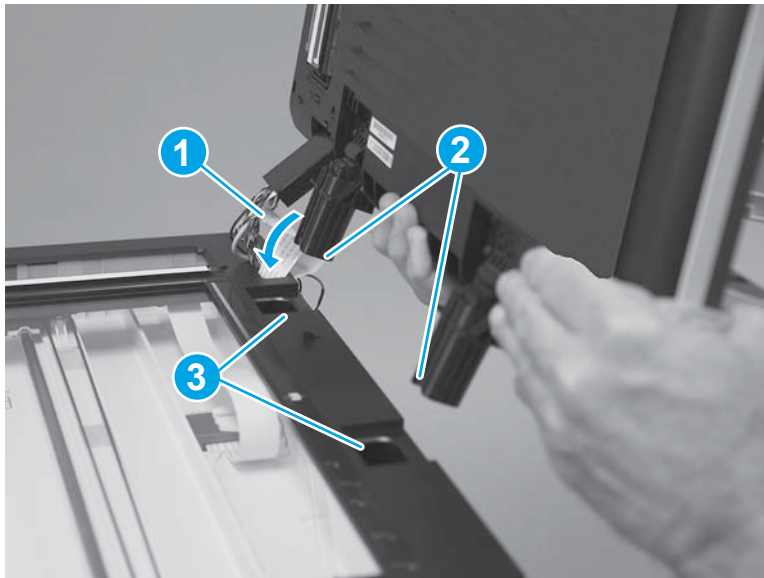
📋 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 4: Install the document feeder assembly (M586)

1. Pass the flat cable and wire harness on the replacement document feeder through the hole in the scanner chassis (callout 1), and then align the hinges (callout 2) with the slots (callout 3) in the chassis.

Figure 1-611 Align the hinges



2. Continue to pass the flat cable and wire through the opening in the chassis (callout 1), and then insert the hinges (callout 2) into the slots.

⚠ CAUTION: Do not damage the flat cable or wire harnesses when the cable guide (callout 1) is installed in its slot.

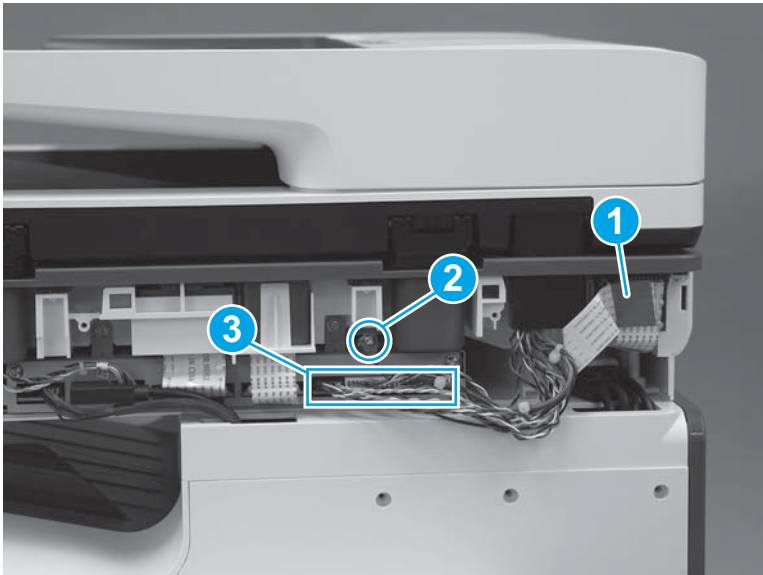
Figure 1-612 Install the document feeder



3. Connect one flat cable (callout 1), install one ground screw (callout 2), and then connect five connectors (callout 3).

💡 TIP: Close the document feeder as shown to make it easier to connect the connectors and install the ground screw.

Figure 1-613 Install the ground screw and connect the connectors



Step 5: Install the SCB cover

1. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-614 Align the SCB cover tabs and printer slots



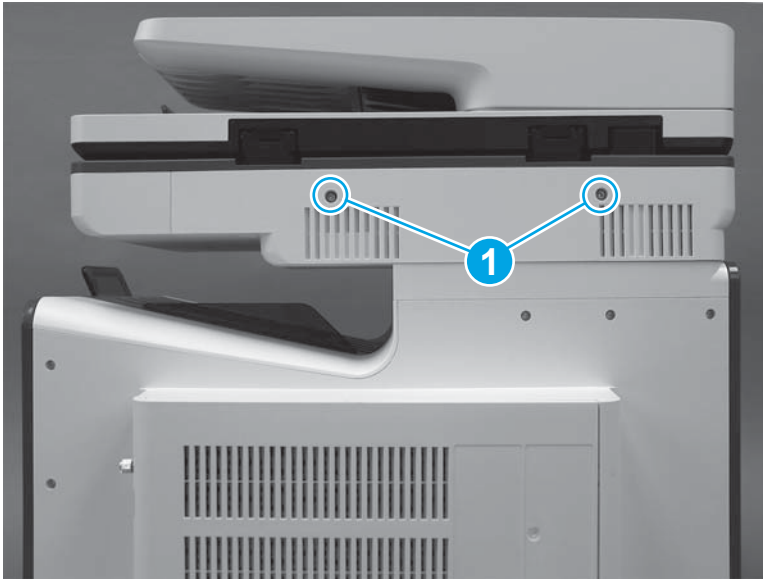
2. Push the cover straight in to install it.

Figure 1-615 Install the SCB cover



3. Install two screws (callout 1).

Figure 1-616 Install two screws



Step 6: Install the white backing

1. Place the white backing on the scanner glass.


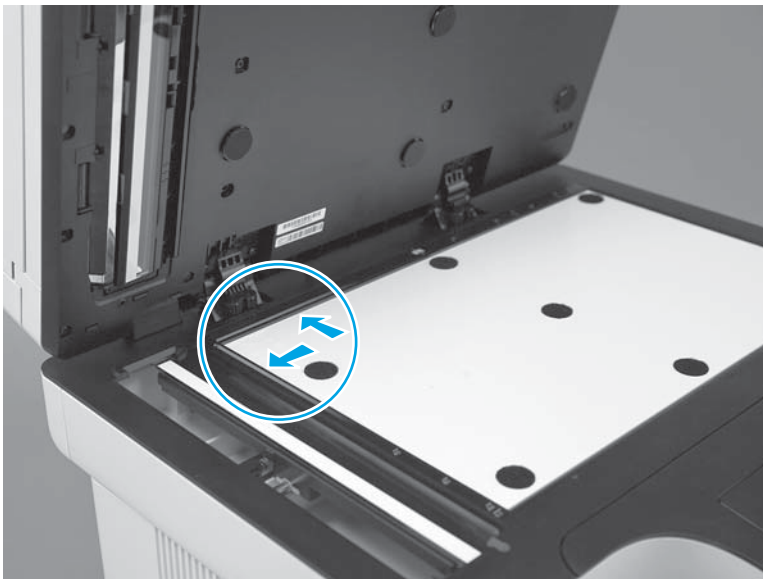
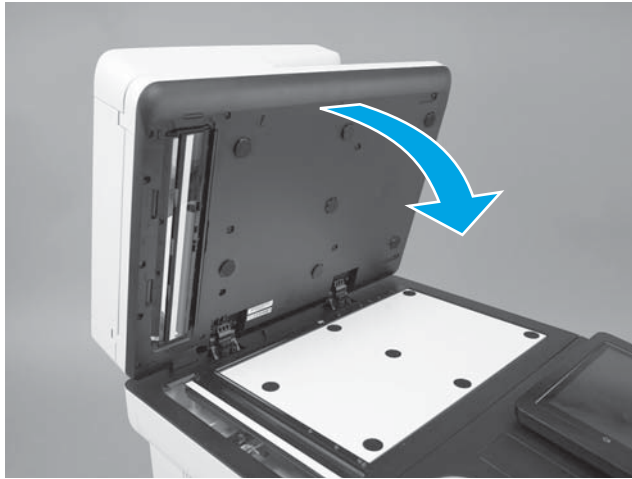
 **IMPORTANT:** Place the corner of the backing that does not have a hook-and-loop fastener in the upper-left corner of the scanner glass.

Figure 1-617 Place the white backing on the glass



2. Close the document feeder.

Figure 1-618 Close the document feeder



3. Open the document feeder and make sure that the white backing is securely attached.

Figure 1-619 Check the white backing



4. Close the document feeder.

Figure 1-620 Close the document feeder



Step 7: Reset the firmware counter

1. From the Home screen on the control panel, scroll to and touch the **Device Maintenance** button.
2. Scroll to and touch the **Service** button.
3. On the sign-in screen, select the **Service Access Code** option from the drop-down list.
4. Enter the following service access code for this printer: 05058616.
5. Scroll to and touch the **Cycle Counts** item.
6. Reset the following items:
 - **Document Feeder Kit Interval**; set to zero
 - **ADF Count**; set to zero

Removal and replacement: Scanner control board (SCB) (586)

- [Introduction](#)
- [Step 1: Remove the scanner control board \(SCB\) cover](#)
- [Step 2: Remove the right cover \(outer\)](#)
- [Step 3: Remove the formatter cover](#)
- [Step 4: Remove the rear cover](#)
- [Step 5: Remove the scanner control board \(SCB\) \(M586\)](#)
- [Step 6: Unpack the replacement assembly](#)
- [Step 7: Install the SCB \(M586\)](#)
- [Step 8: Install the rear cover](#)
- [Step 9: Install the right cover \(outer\)](#)
- [Step 10: Install the formatter cover](#)
- [Step 11: Install the SCB cover](#)

Introduction

This document provides the procedures to remove and replace the scanner control board (SCB) (586).

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.

Scanner control board (SCB) (586) kit part number	
G1W39-67935	Scanner control board (SCB) (586) kit with instruction guide

Required tools

- Needle-nose pliers.
- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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

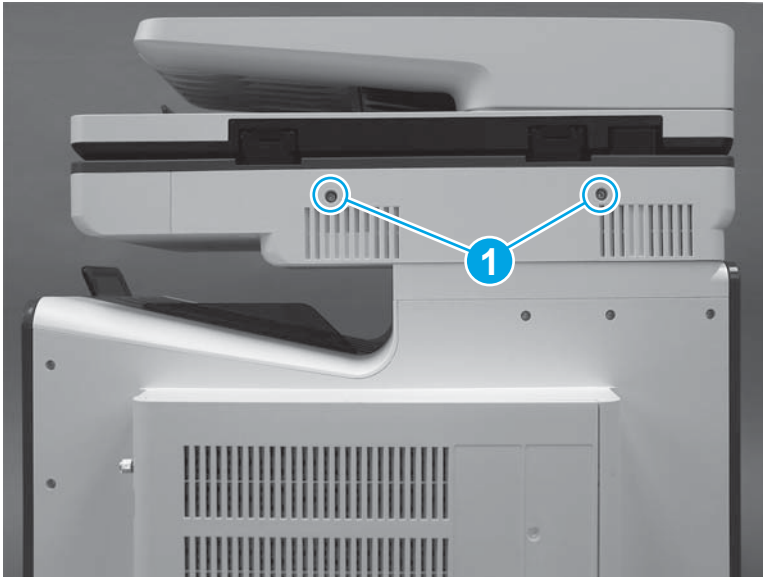
Make sure that the printer initializes to a **Ready** state.

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

Step 1: Remove the scanner control board (SCB) cover

1. At the back of the printer, remove two screws (callout 1).

Figure 1-621 Remove two screws



2. Pull the SCB cover straight off the printer to remove it

Figure 1-622 Remove the SCB cover



Step 2: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


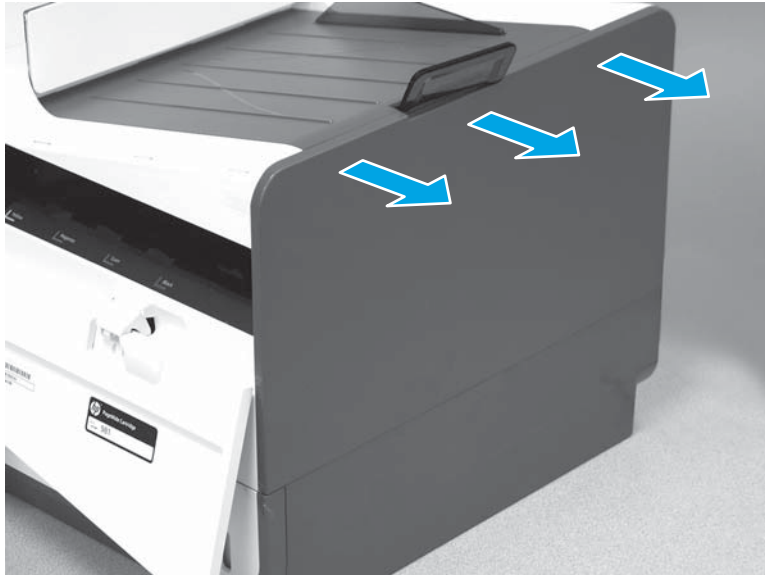
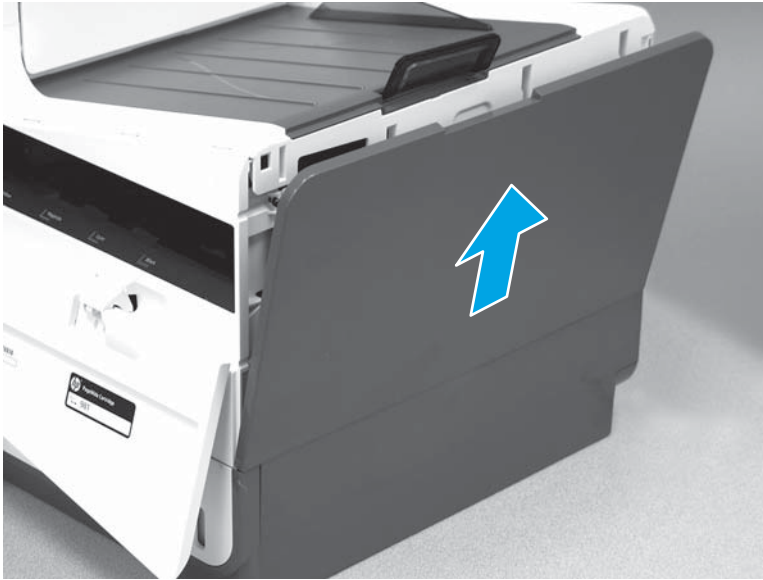
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-623 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-624 Remove the right cover (outer)



Step 3: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


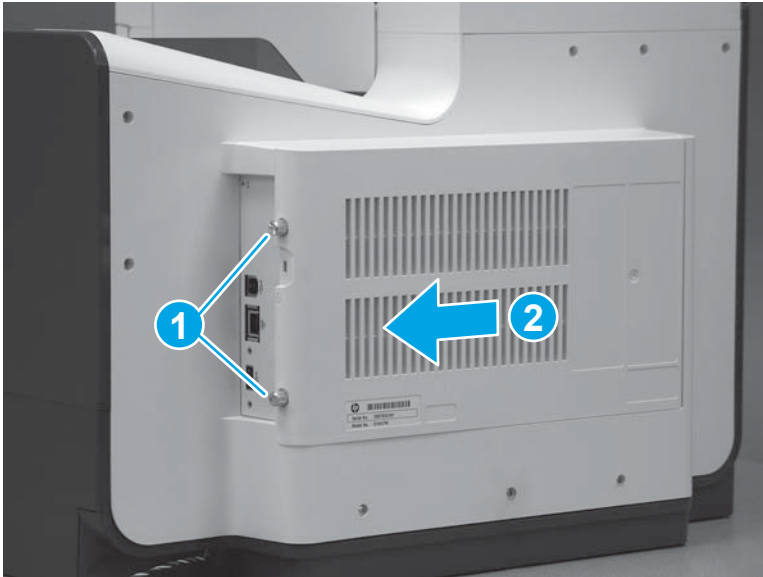
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-625 Remove the formatter cover



Step 4: Remove the rear cover

1. Remove eight screws (callout 1).


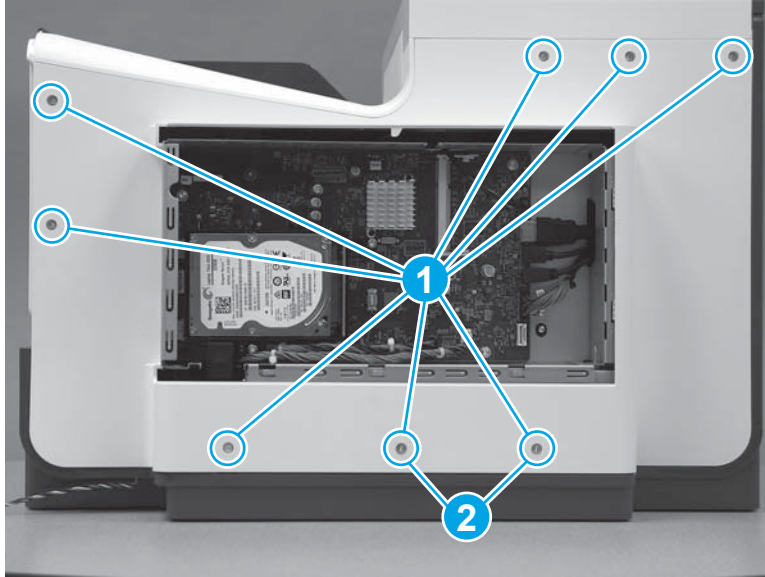
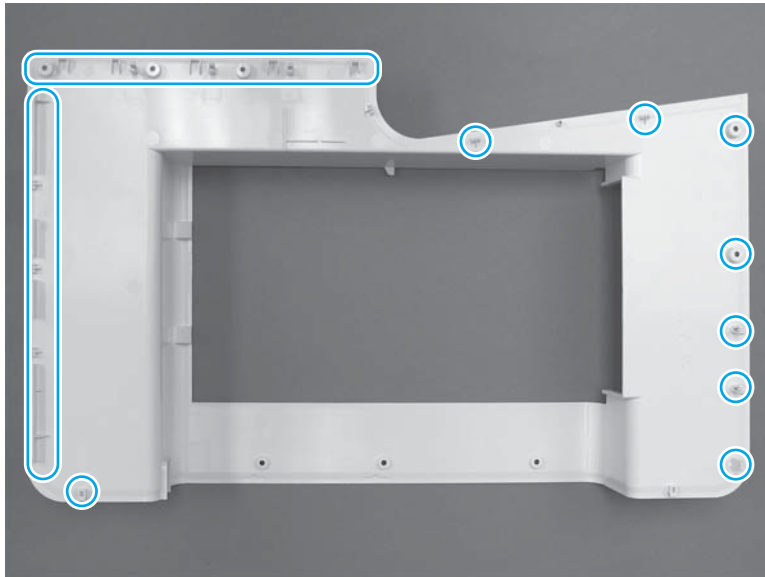
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-626 Remove eight screws



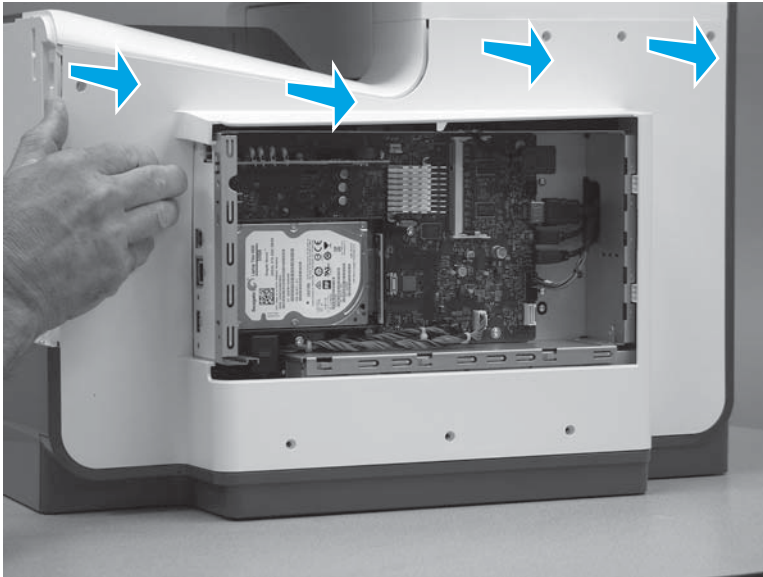
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-627 Find the tabs and bosses on the rear cover



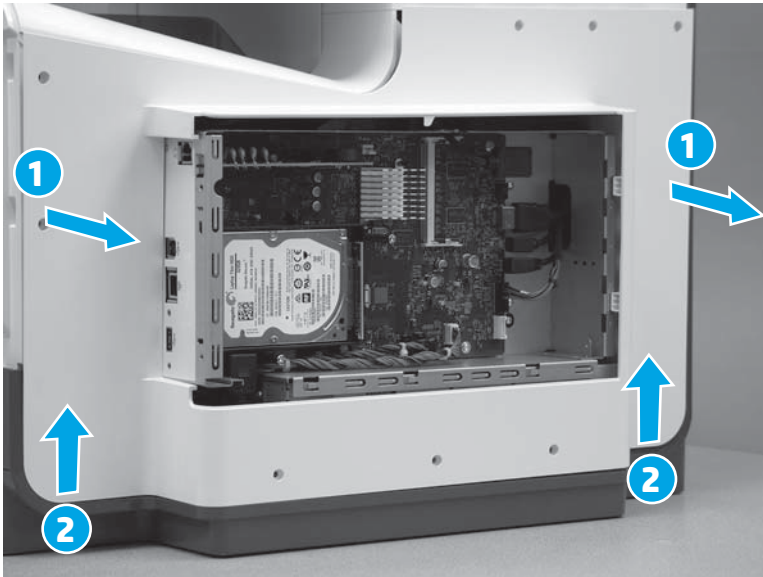
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-628 Release the top edge of the cover



4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

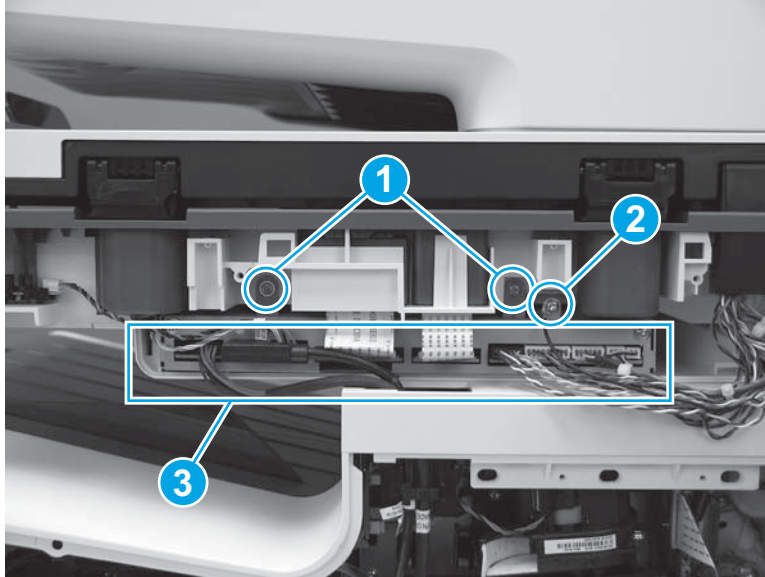
Figure 1-629 Remove the rear cover



Step 5: Remove the scanner control board (SCB) (M586)

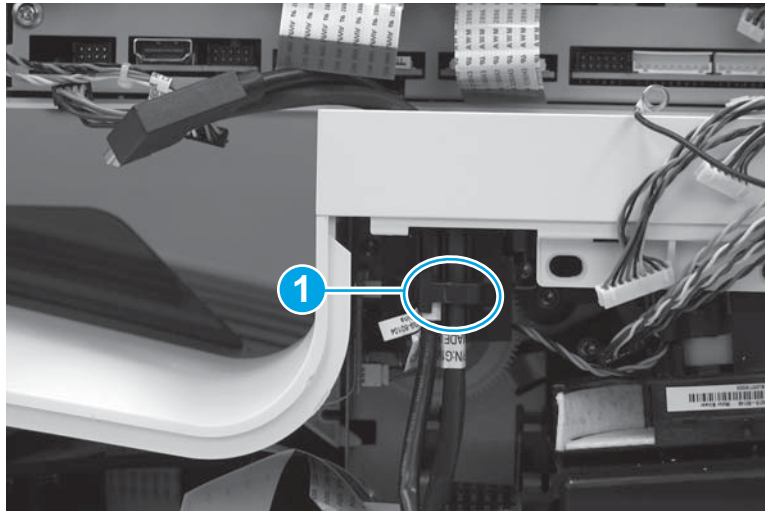
1. Remove two screws (callout 1). Remove one screw (callout 2) and release one grounding wire. Disconnect all of the connectors (callout 3) from the SCB.

Figure 1-630 Disconnect connectors and remove screws



2. Locate the retainer clip (callout 1).

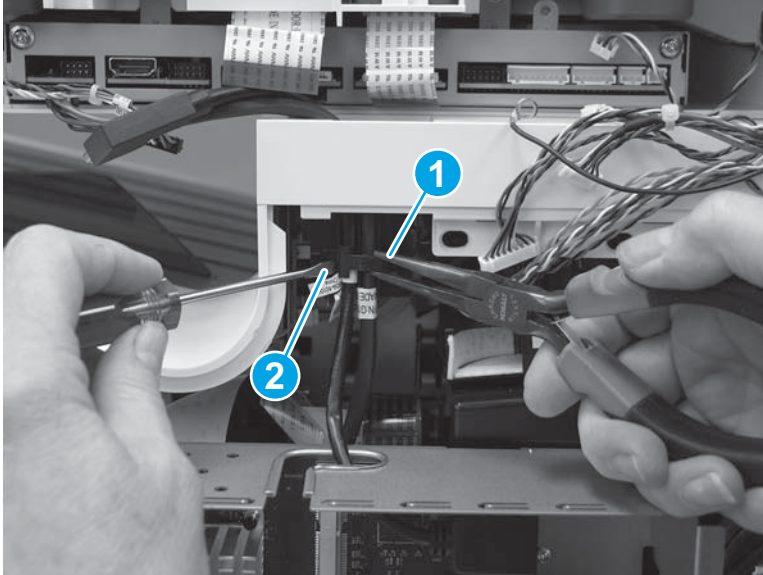
Figure 1-631 Locate the retainer clip



- Securely hold one end of the retainer clip with needle-nose pliers (callout 1), and then use a small, flat-blade screwdriver (callout 2) to release the other end of the clip.

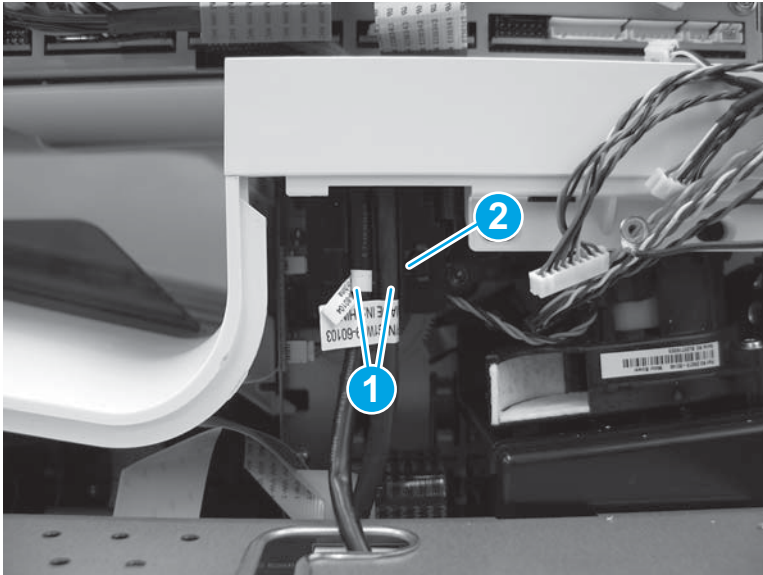
⚠ CAUTION: This clip is not captive and can easily fall inside the printer. Make sure to hold the clip securely when removing it.

Figure 1-632 Remove the retainer clip



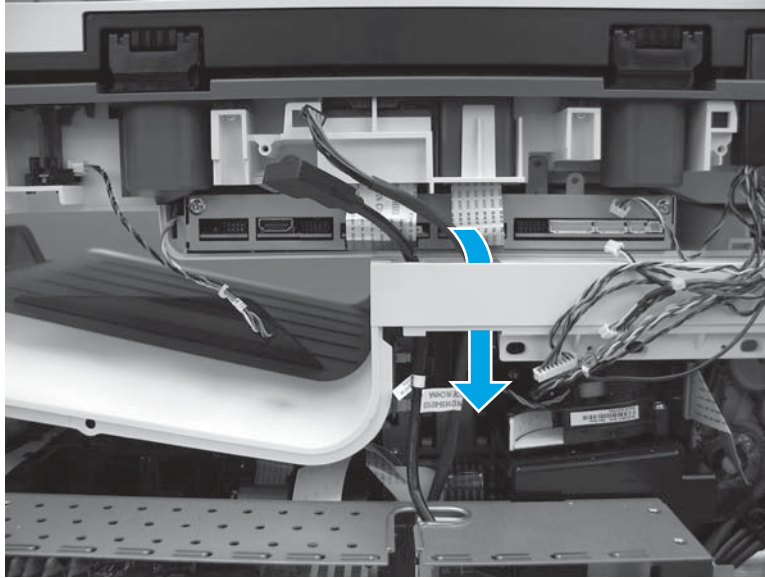
- Remove two cables (callout 1) from the retainer (callout 2).

Figure 1-633 Remove two cables



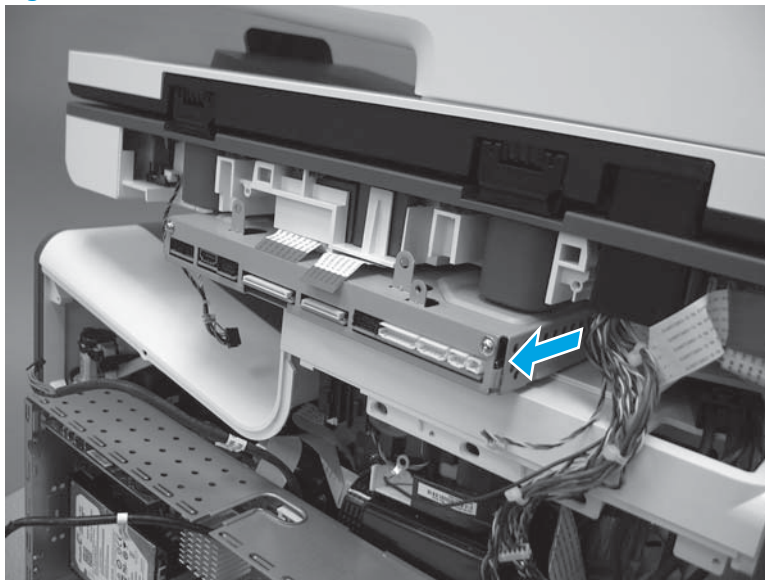
5. Release two black cables down through the opening in the printer cover

Figure 1-634 Release two cables through the opening in the cover



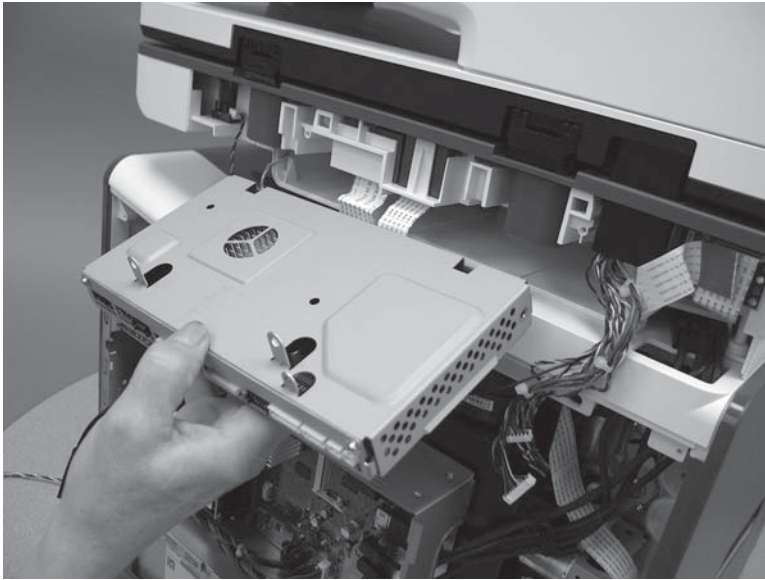
6. Slide the SCB out of the printer.

Figure 1-635 Slide the SCB out



7. Remove the SCB.

Figure 1-636 Remove the SCB out



Step 6: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

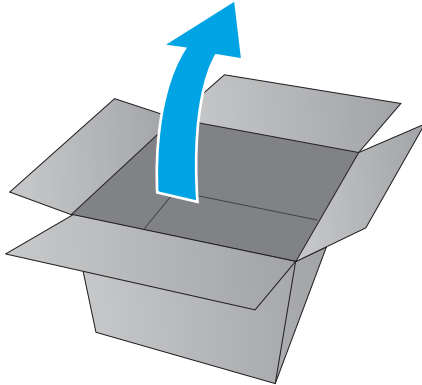
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.

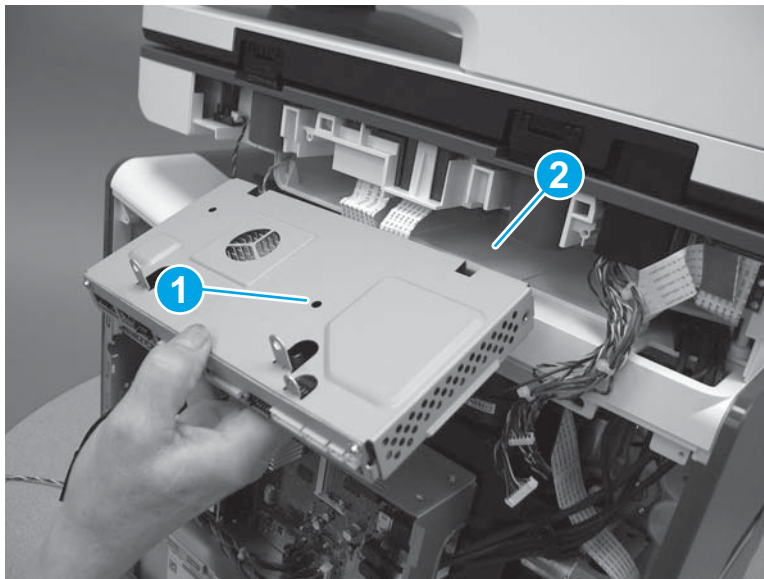


Step 7: Install the SCB (M586)

1. Position the SCB (callout 1) in the slot (callout 2) in the printer.

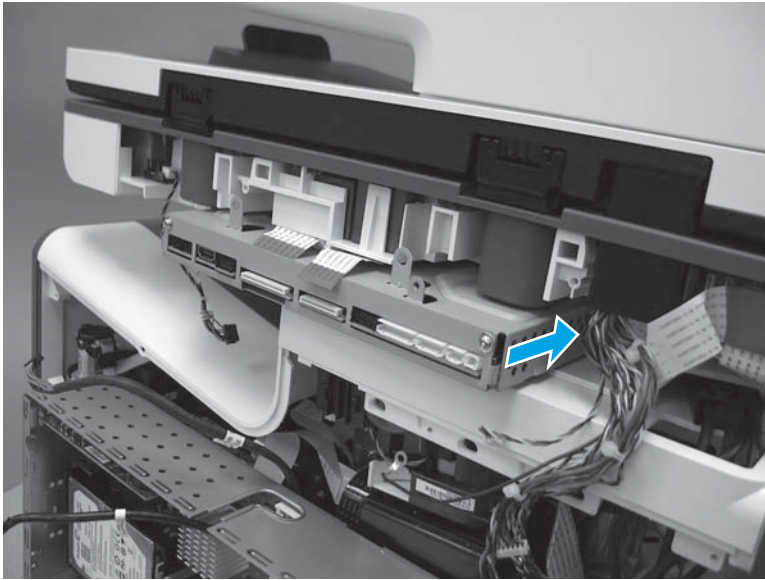
📝 NOTE: Make sure that all of the cables are outside of the slot before installing the SCB.

Figure 1-637 Install the SCB



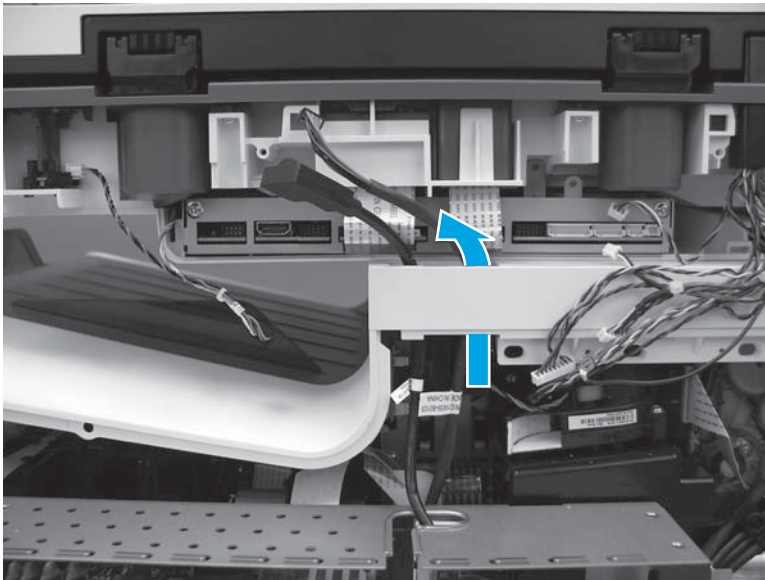
2. Slide the SCB into the printer.

Figure 1-638 Slide the SCB in



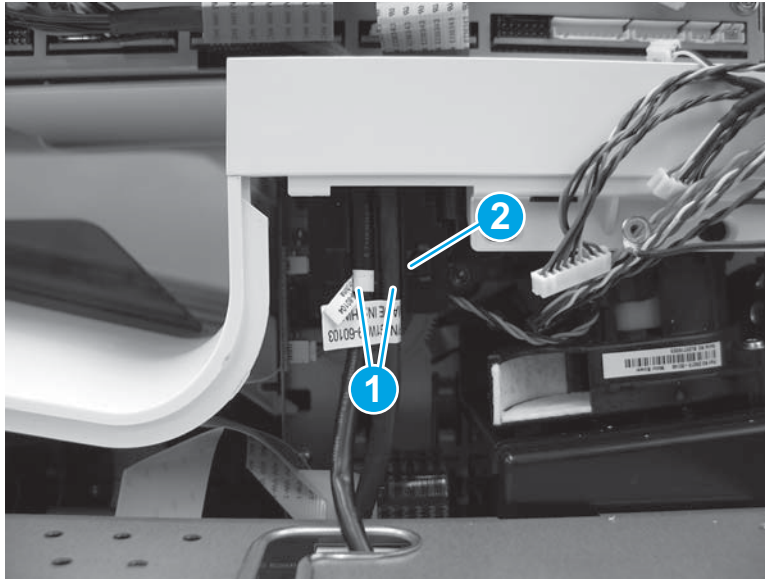
3. Install two black cables up through the opening in the printer cover.

Figure 1-639 Install two cables through the opening in the cover



4. Install two cables (callout 1) into the retainer (callout 2).

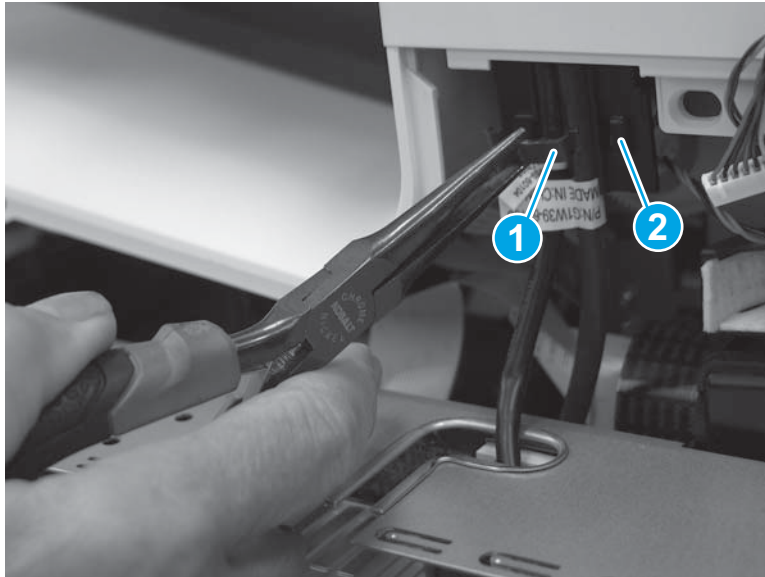
Figure 1-640 Install two cables



5. Securely hold the retainer clip with needle-nose pliers and position the tab (callout 1) in the slot (callout 2) in the printer.

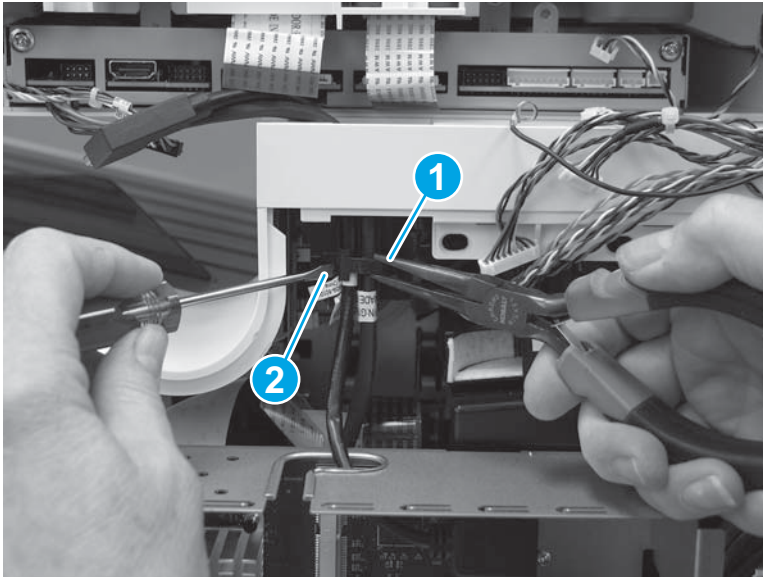
⚠ CAUTION: This clip is not captive and can easily fall inside the printer. Make sure to hold the clip securely when installing it.

Figure 1-641 Engage the clip



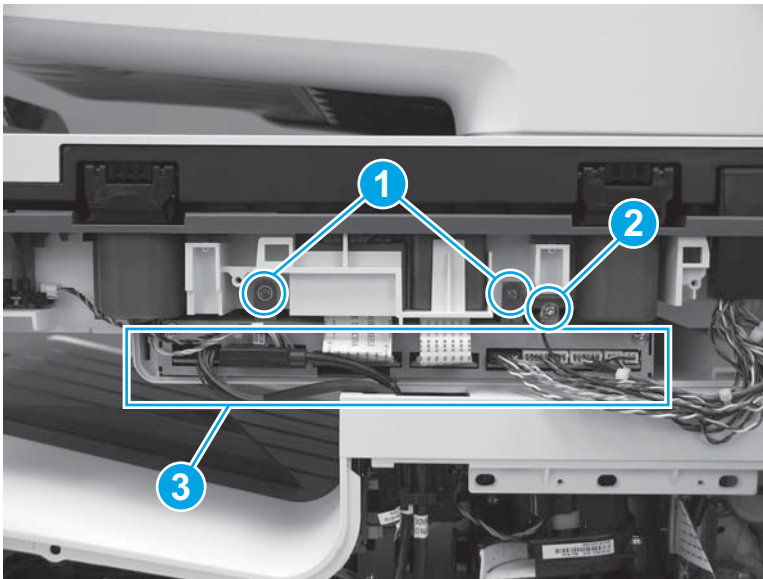
6. Securely hold one end of the retainer clip with needle-nose pliers (callout 1), and then use a small, flat-blade screwdriver (callout 2) to install the other end of the clip.

Figure 1-642 Install the clip



7. Install two screws (callout 1). Position the grounding wire, and then install one screw (callout 2). Connect all of the connectors (callout 3) to the SCB.

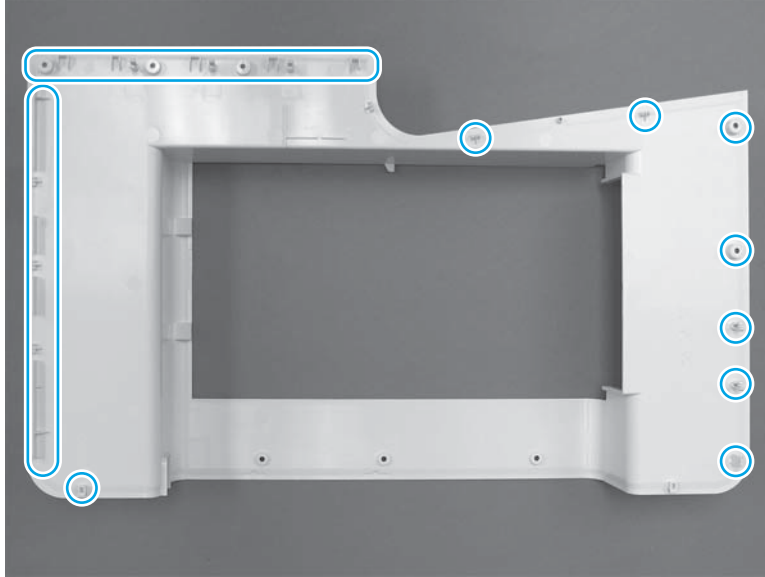
Figure 1-643 Connect connectors and install screws



Step 8: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-644 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


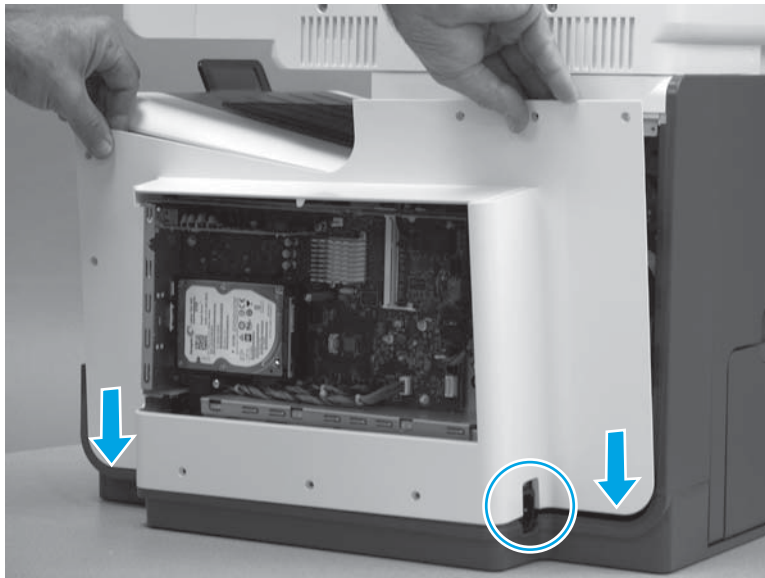
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

Figure 1-645 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).


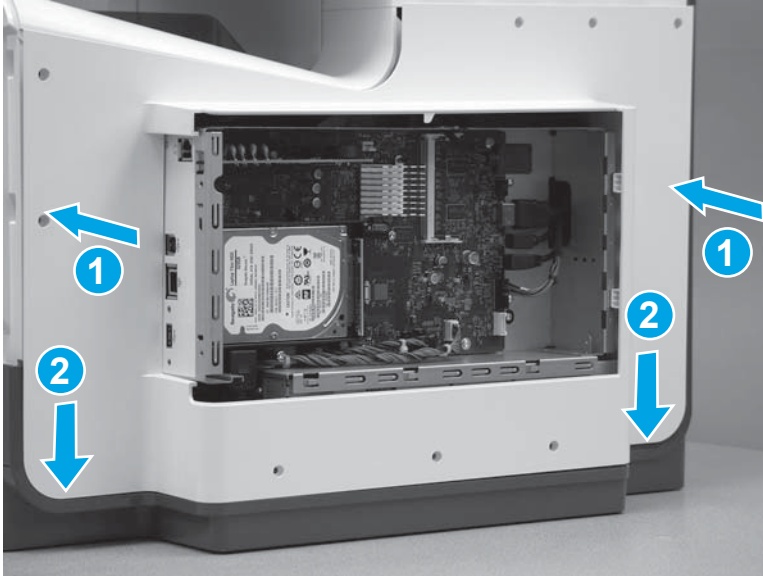
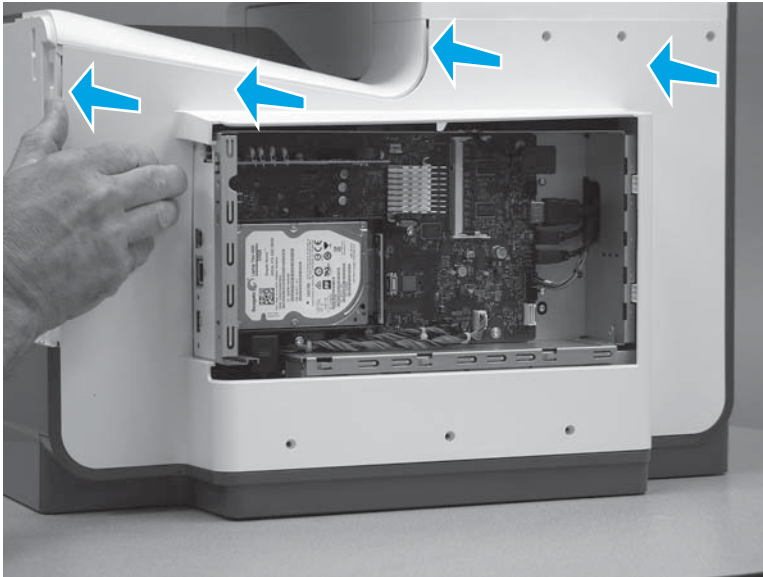
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-646 Engage the sides of the cover



4. Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

Figure 1-647 Release the top edge of the cover



5. Install eight screws (callout 1).


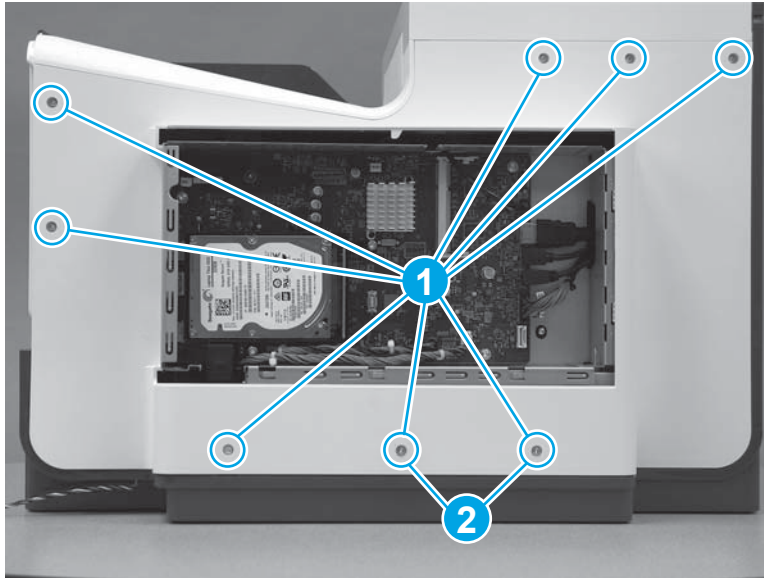
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

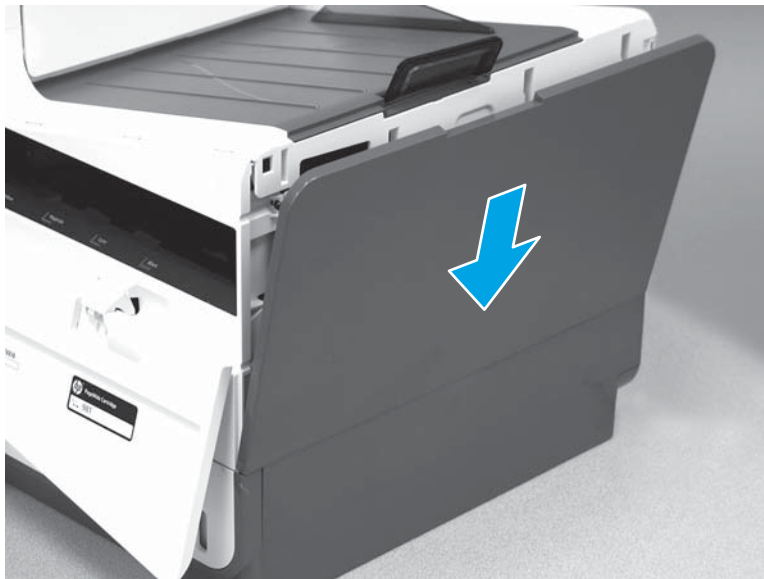
Figure 1-648 Install eight screws



Step 9: Install the right cover (outer)

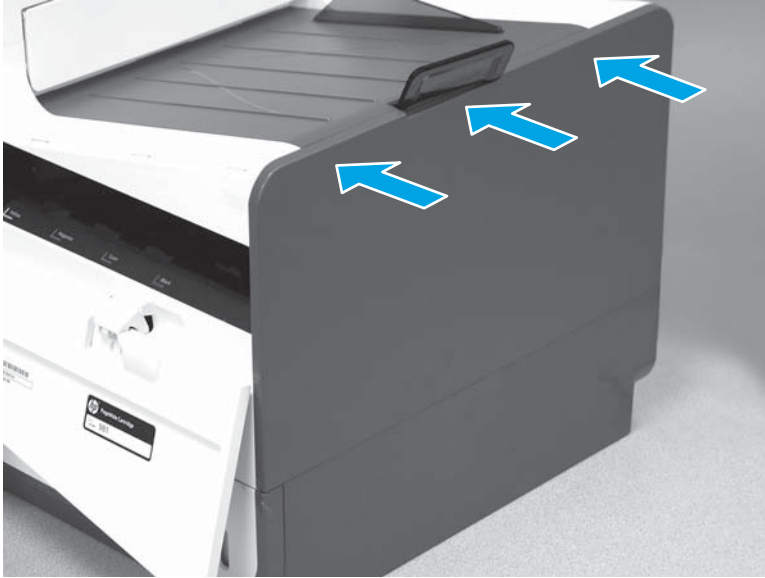
1. Position the bottom edge of the cover on the printer.

Figure 1-649 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

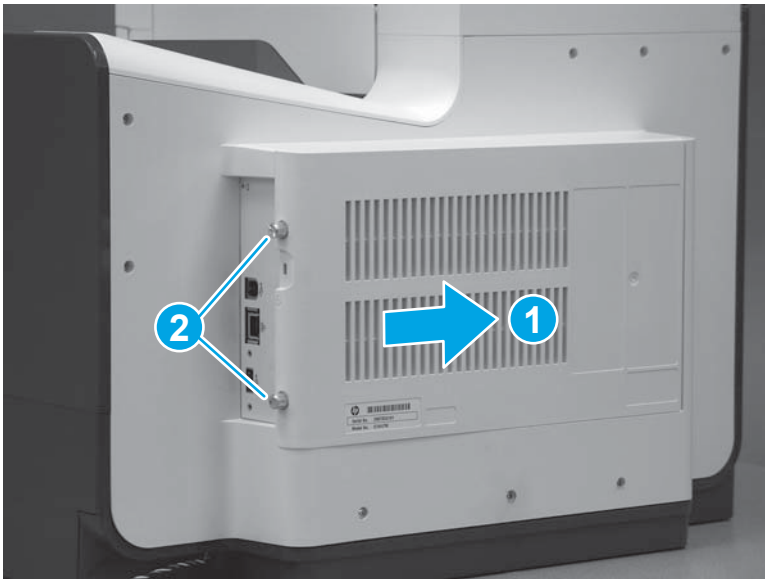
Figure 1-650 Install the right cover (outer)



Step 10: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-651 Install the formatter cover



Step 11: Install the SCB cover

1. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-652 Align the SCB cover tabs and printer slots



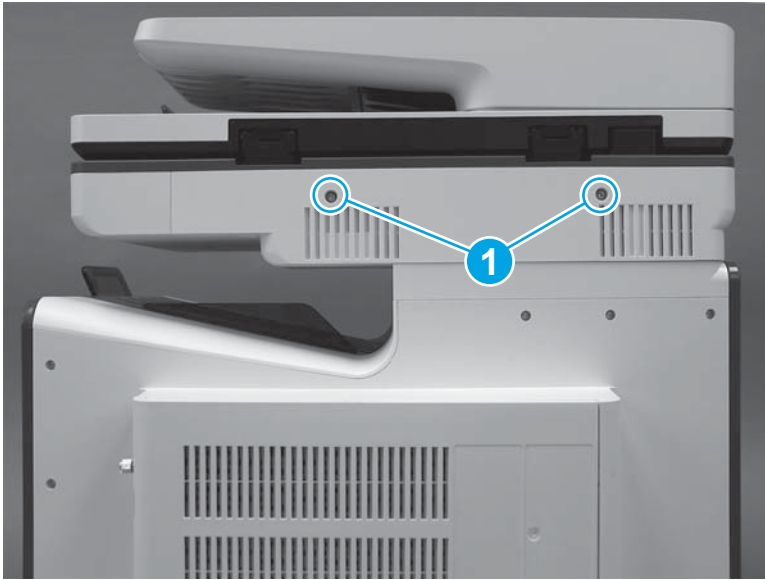
2. Push the cover straight in to install it.

Figure 1-653 Install the SCB cover



3. Install two screws (callout 1).

Figure 1-654 Install two screws



Removal and replacement: Sub-scanner assembly (SSA) (586)

- [Introduction](#)
- [Step 1: Remove the white backing](#)
- [Step 2: Removal the control panel \(586\)](#)
- [Step 3: Remove the scanner control board \(SCB\) cover](#)
- [Step 4: Remove the right cover \(outer\)](#)
- [Step 5: Remove the formatter cover](#)
- [Step 6: Remove the rear cover](#)
- [Step 7: Remove the scanner control board \(SCB\) \(M586\)](#)
- [Step 8: Remove the document feeder assembly \(M586\)](#)
- [Step 9: Remove the sub-scanner assembly \(SSA\)](#)
- [Step 10: Unpack the replacement assembly](#)
- [Step 11: Install the sub-scanner assembly \(SSA\)](#)
- [Step 12: Install the document feeder assembly \(M586\)](#)
- [Step 13: Install the SCB \(M586\)](#)
- [Step 14: Install the rear cover](#)
- [Step 15: Install the formatter cover](#)
- [Step 16: Install the right cover \(outer\)](#)
- [Step 17: Install the SCB cover](#)
- [Step 18: Install the control panel \(556\)](#)
- [Step 19: Install the white backing](#)

Introduction

This document provides the procedures to remove and replace the sub-scanner assembly (SSA) (586).

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.

Sub-scanner assembly (SSA) (M586) kit part number

G1W39-67943Sub-scanner assembly (SSA) (M586) kit with instruction guide¹

¹ This kit includes a replacement white backing and white backing retention clips.

Required tools

- Small flat-blade screwdriver.
- #10 Torx driver with a 152 mm (6 in) shaft and magnetized tip.

After performing service**Turn the printer power on**

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



IMPORTANT: When a replacement image scanner is installed, the white backing on the document feeder must be removed, and then a replacement white backing (supplied in this kit) must be installed.

Post service test

Use the flatbed glass to make a copy to make sure that it is properly functioning.

Step 1: Remove the white backing

NOTE: This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

1. Open the document feeder.

Figure 1-655 Open the document feeder



2. Pull down on the white backing to remove it.

Figure 1-656 Remove the white backing



Step 2: Remove the control panel (586)

The HP PageWide Enterprise Color MFP 586z printer is shown in this guide, however the control-panel replacement procedure is valid for all of the 586 printers. The 586dn and 586f printers do not have a keyboard.

1. If the control panel is in the down position, tilt it up to the fully raised position.

Figure 1-657 Tilt the control panel up



2. Use a small flat blade screwdriver to release the small gray plastic cover under the control panel.

Figure 1-658 Release the small gray plastic cover



3. Remove the cover.

Figure 1-659 Remove the cover



4. Beginning at the left side of the control-panel cover, carefully release three bosses along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white plastic control-panel base.

Figure 1-660 Release three bosses



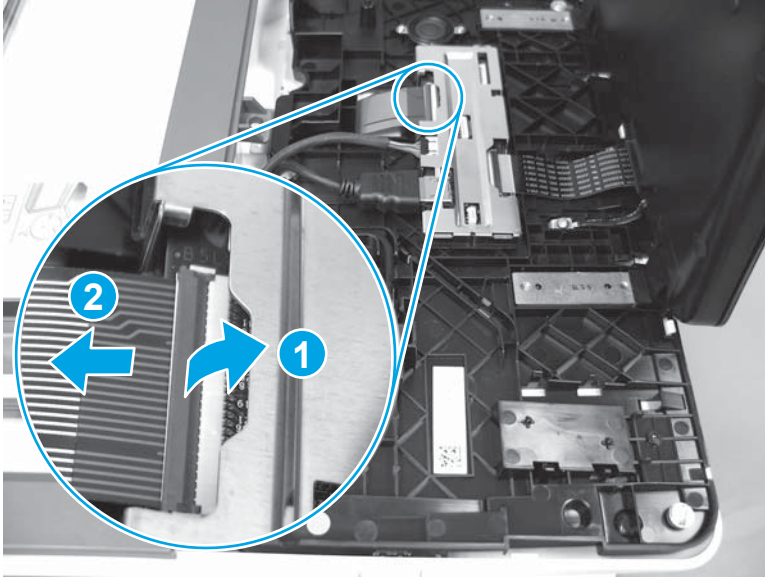
5. Lift up on the cover to release the right- and left-side bosses, and then remove the cover.

Figure 1-661 Remove the cover



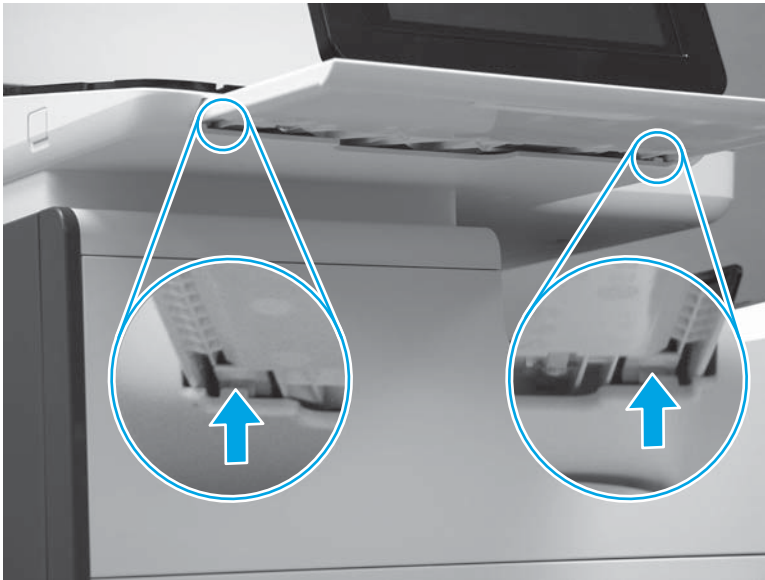
6. **586z only:** Open the connector latch to release the keyboard flat cable.

Figure 1-662 Release the keyboard cable (586z)



7. **586z MFP only:** Slide the keyboard out until it stops, and then release two tabs on the keyboard.

Figure 1-663 Release the keyboard (586z)



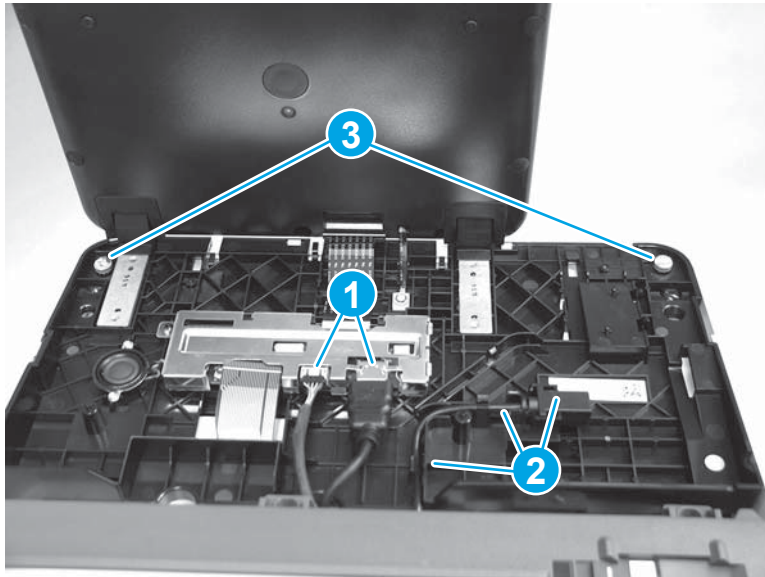
8. **586z MFP only:** Remove the keyboard.

Figure 1-664 Remove the keyboard (586z)



9. Disconnect one HDMI cable and one connector (callout 1), release the USB cable from the holder and retainers (callout 2), and then remove two thumbscrews (callout 3).

Figure 1-665 Disconnect connectors and remove thumbscrews



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

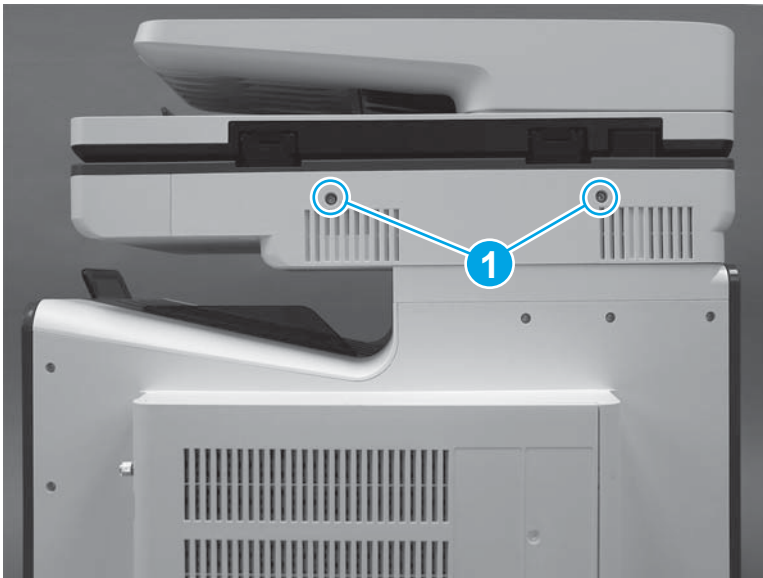
Figure 1-666 Remove the control panel



Step 3: Remove the scanner control board (SCB) cover

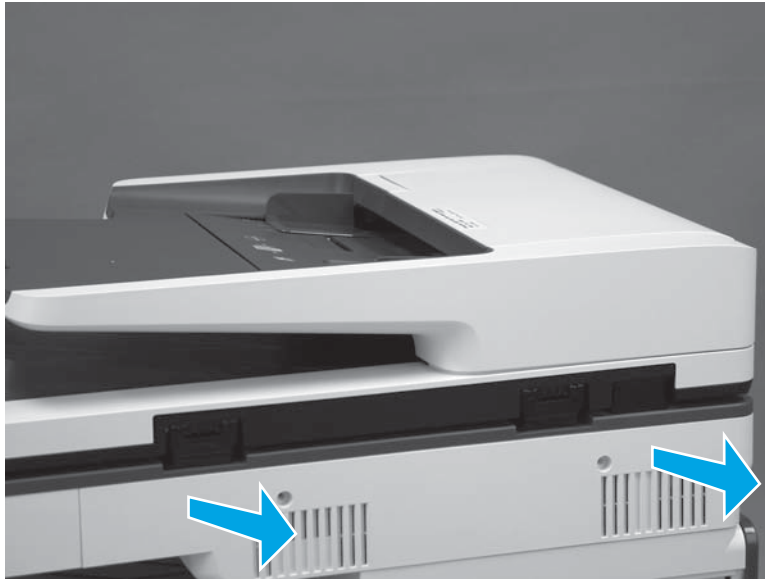
1. At the back of the printer, remove two screws (callout 1).

Figure 1-667 Remove two screws



2. Pull the SCB cover straight off the printer to remove it

Figure 1-668 Remove the SCB cover



Step 4: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


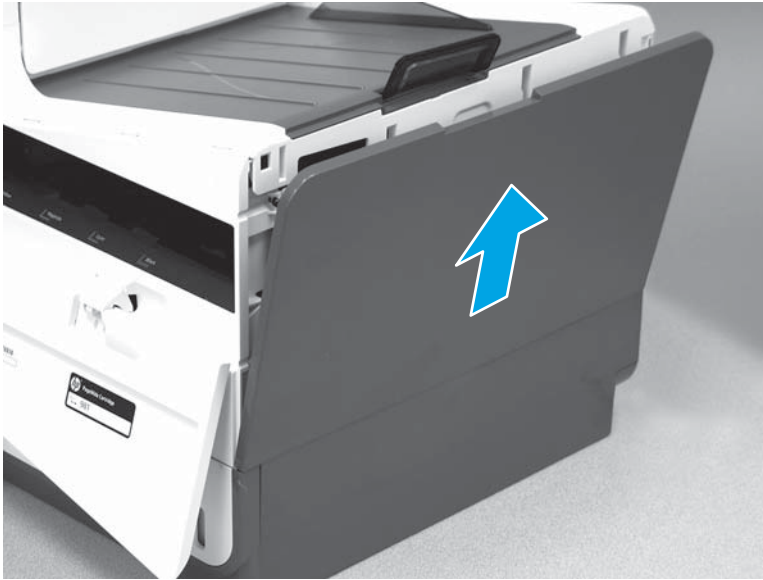
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-669 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-670 Remove the right cover (outer)



Step 5: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


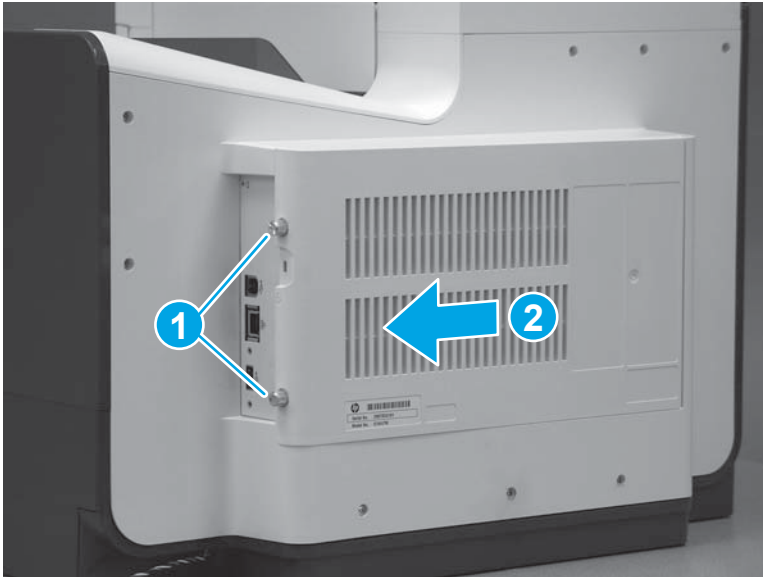
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-671 Remove the formatter cover



Step 6: Remove the rear cover

1. Remove eight screws (callout 1).


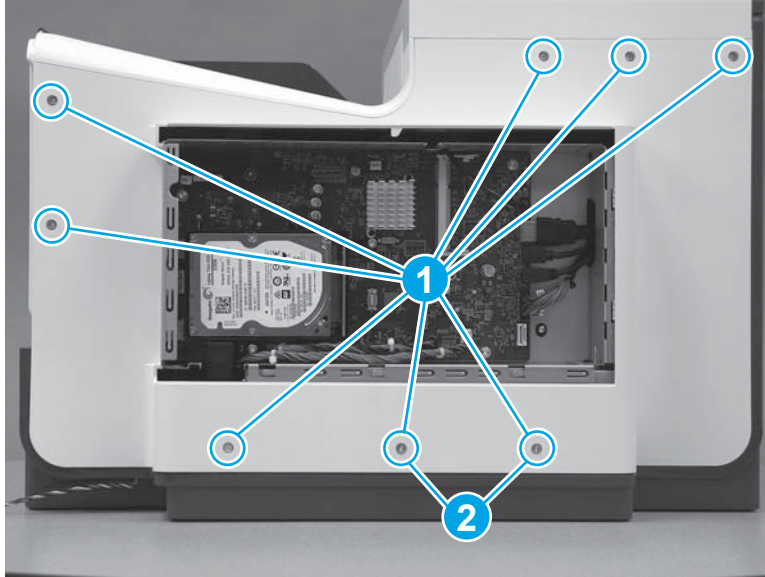
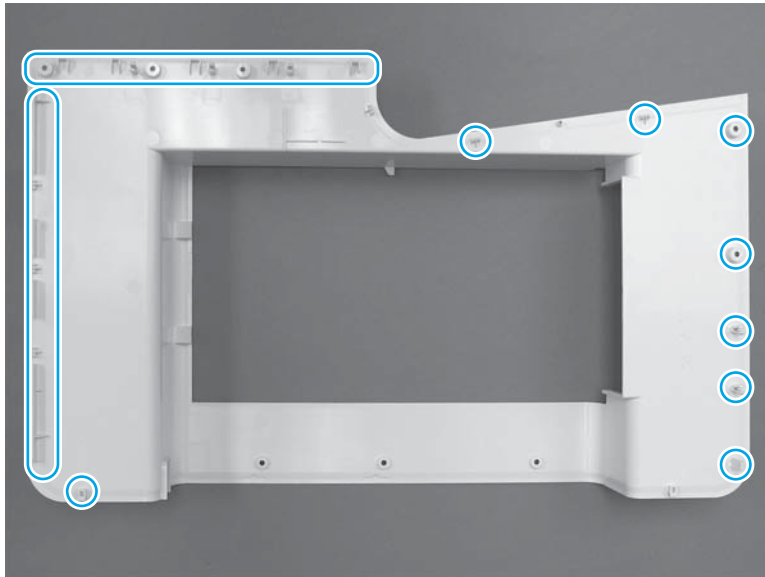
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-672 Remove eight screws



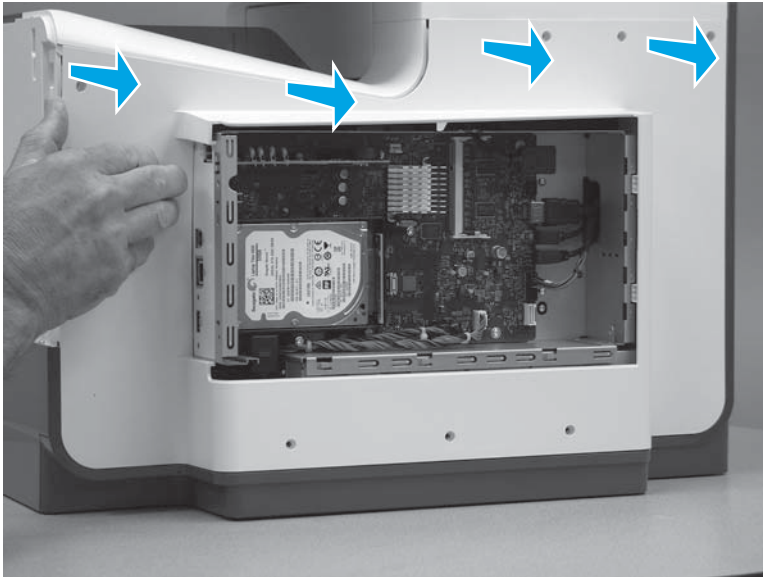
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-673 Find the tabs and bosses on the rear cover



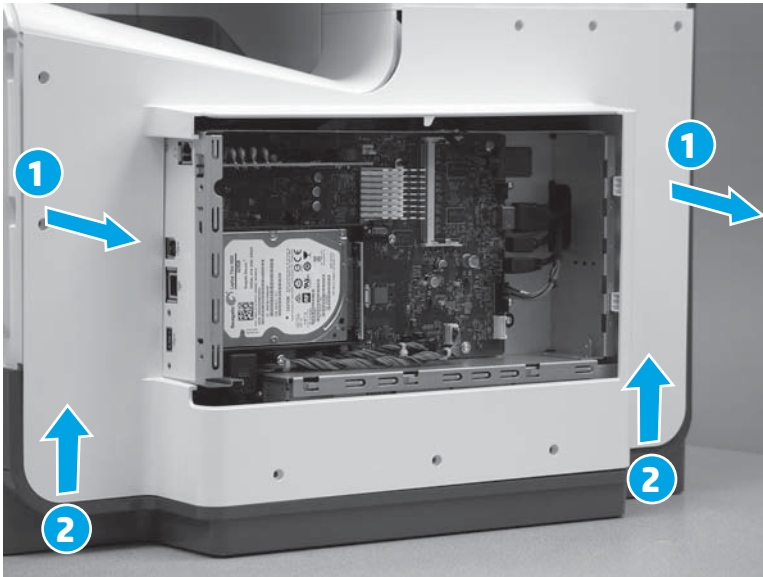
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-674 Release the top edge of the cover



4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

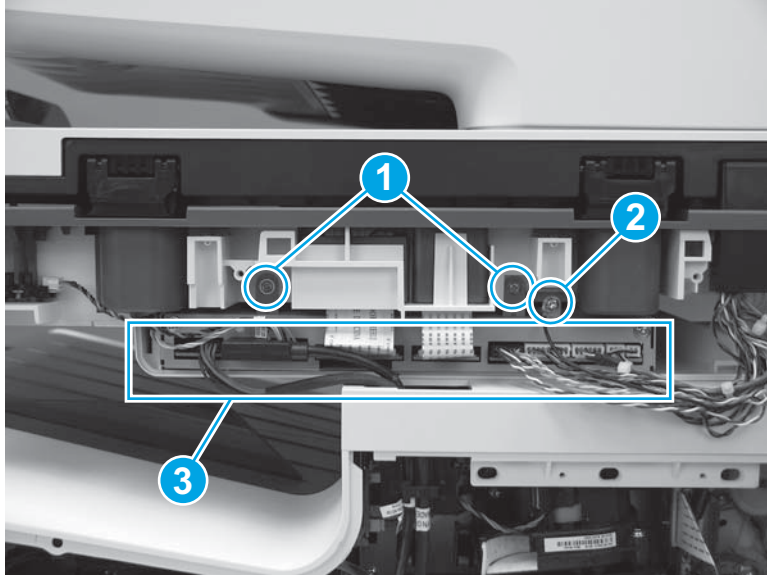
Figure 1-675 Remove the rear cover



Step 7: Remove the scanner control board (SCB) (M586)

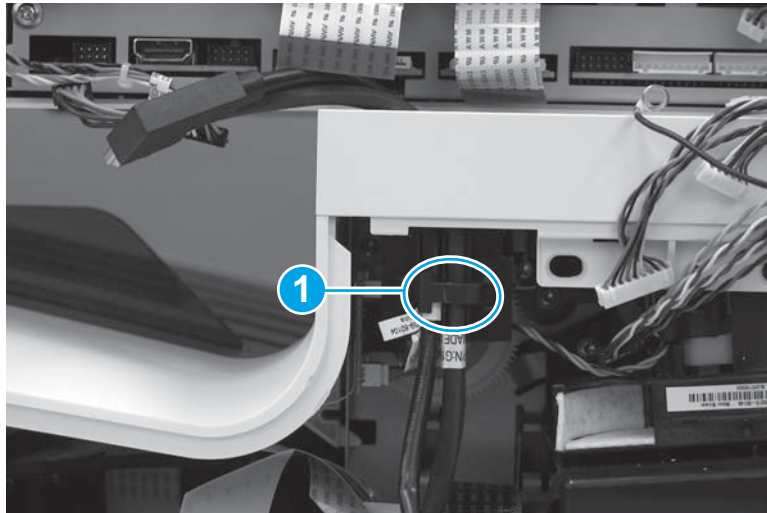
1. Remove two screws (callout 1). Remove one screw (callout 2) and release one grounding wire. Disconnect all of the connectors (callout 3) from the SCB.

Figure 1-676 Disconnect connectors and remove screws



2. Locate the retainer clip (callout 1).

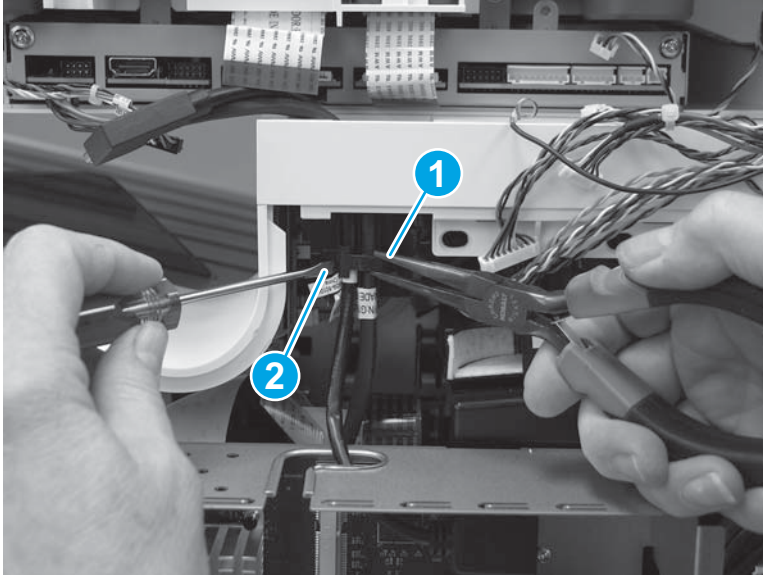
Figure 1-677 Locate the retainer clip



- Securely hold one end of the retainer clip with needle-nose pliers (callout 1), and then use a small, flat-blade screwdriver (callout 2) to release the other end of the clip.

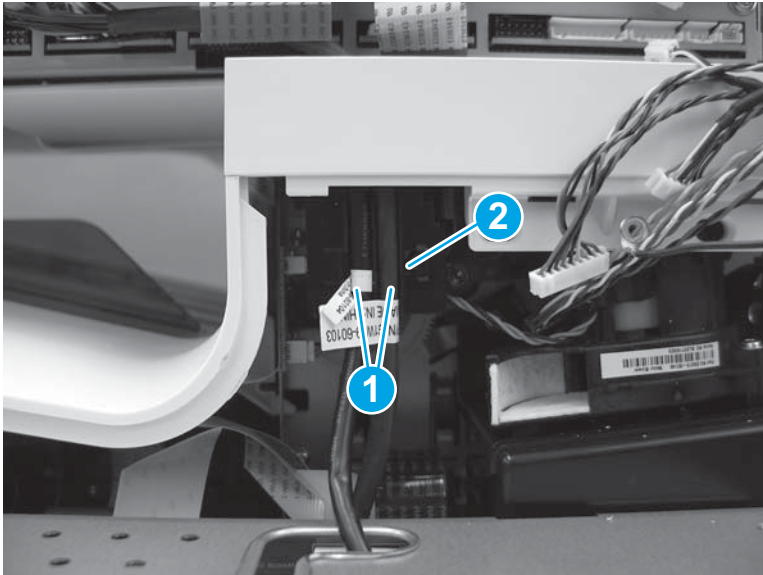
⚠ CAUTION: This clip is not captive and can easily fall inside the printer. Make sure to hold the clip securely when removing it.

Figure 1-678 Remove the retainer clip



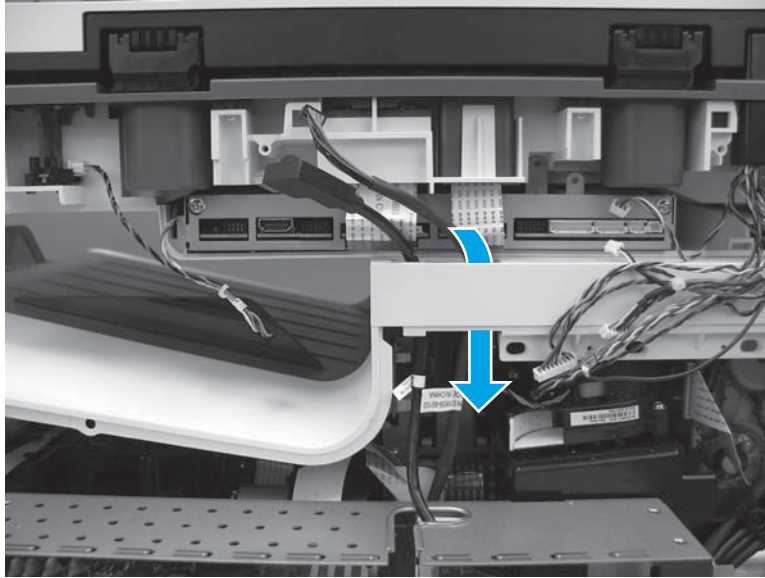
- Remove two cables (callout 1) from the retainer (callout 2).

Figure 1-679 Remove two cables



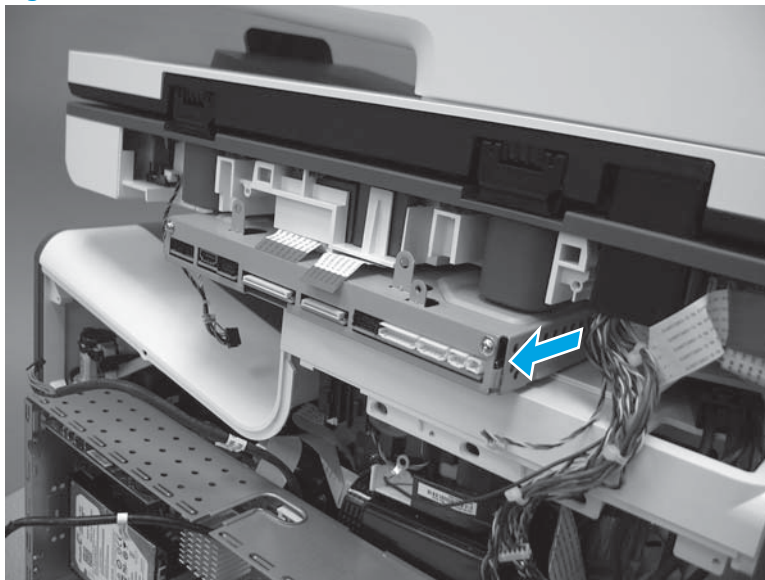
5. Release two black cables down through the opening in the printer cover

Figure 1-680 Release two cables through the opening in the cover



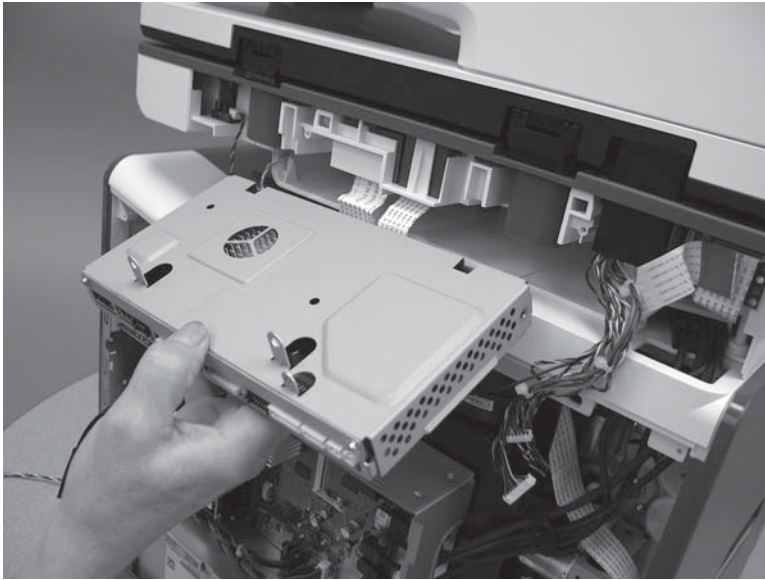
6. Slide the SCB out of the printer.

Figure 1-681 Slide the SCB out



7. Remove the SCB.

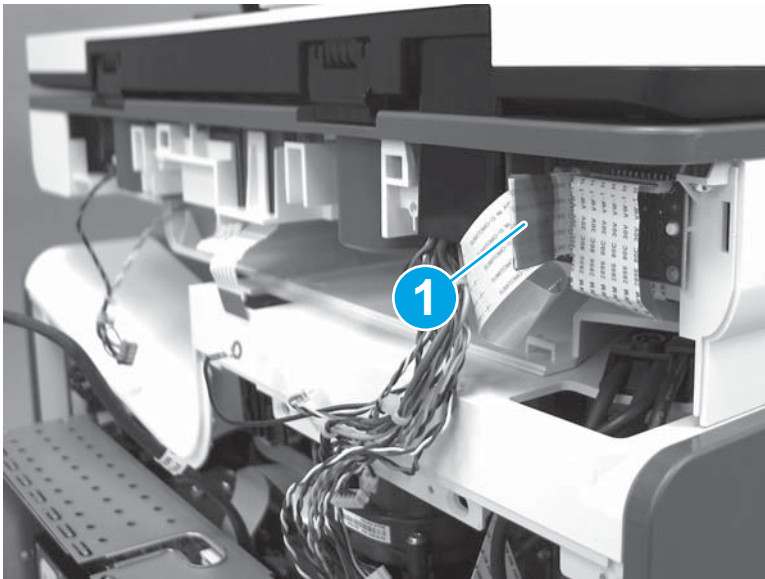
Figure 1-682 Remove the SCB out



Step 8: Remove the document feeder assembly (M586)

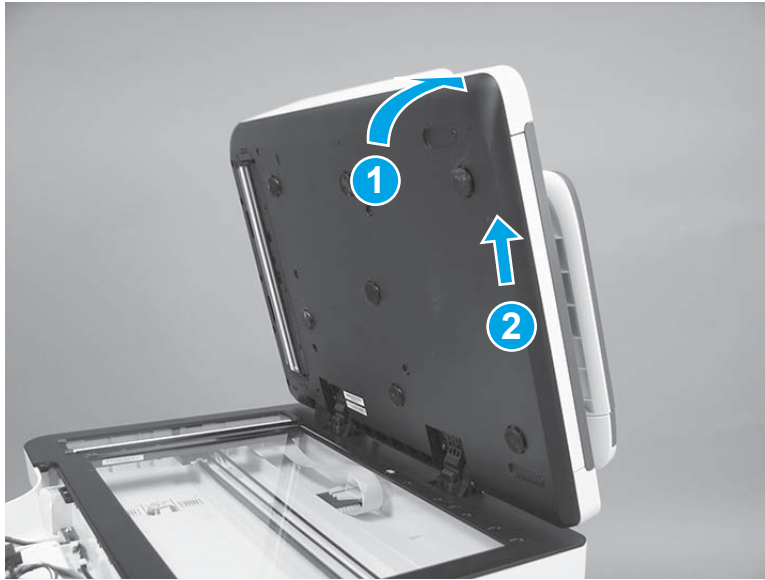
1. Disconnect one flat cable (callout 1).

Figure 1-683 Disconnect one flat cable



2. Tilt the document feeder back until it stops (callout 1), and then lift it up until it stops (callout 2).

Figure 1-684 Tilt the document feeder back



3. Support the document feeder, and then use a small, flat-blade screwdriver to release two tabs on the document feeder hinges.


 **NOTE:** The tabs are located on the front side (scanner flatbed glass) of the hinges. Use the figure below to locate the tabs.

Figure 1-685 Release two tabs on the hinges



4. Lift the document feeder up to remove it.


 **NOTE:** While removing the document feeder, carefully pass the wire harnesses and the flat cable through the opening in the scanner.

Figure 1-686 Remove the document feeder



Step 9: Remove the sub-scanner assembly (SSA)

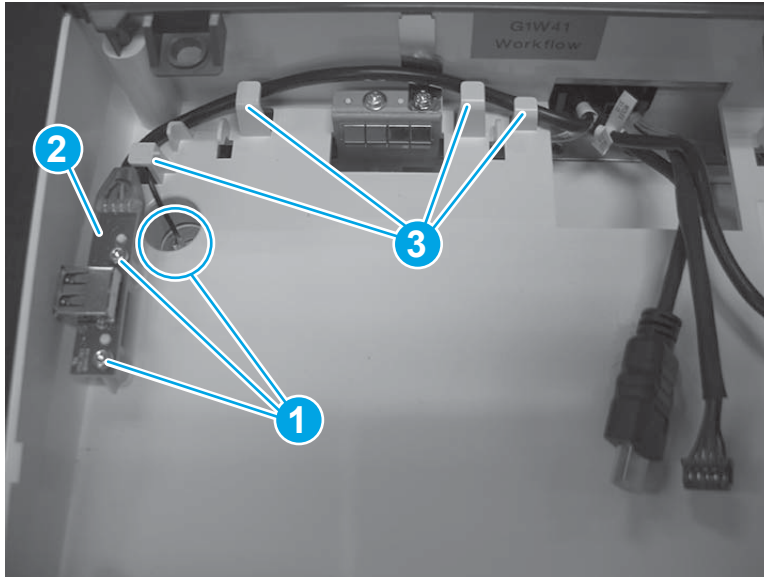
1. Remove the USB port cover.

Figure 1-687 Remove the USB port cover



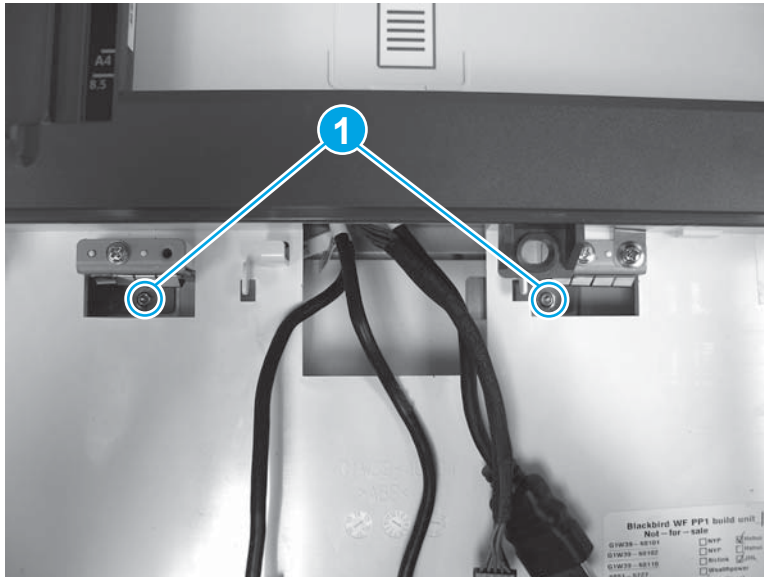
2. Remove three screws (callout 1) to release the USB port PCA (callout 2), and then release the cable from the retainers (callout 3).

Figure 1-688 Remove screws and release the cable



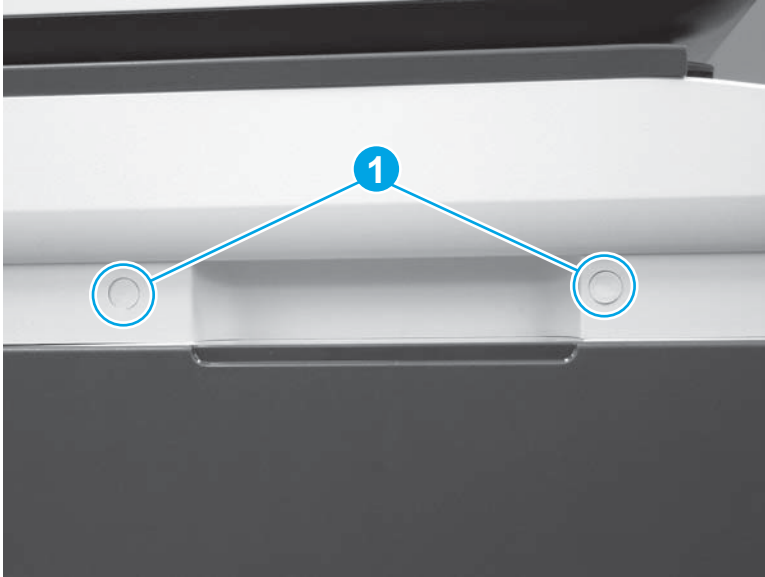
3. Remove two screws (callout 1).

Figure 1-689 Remove two screws



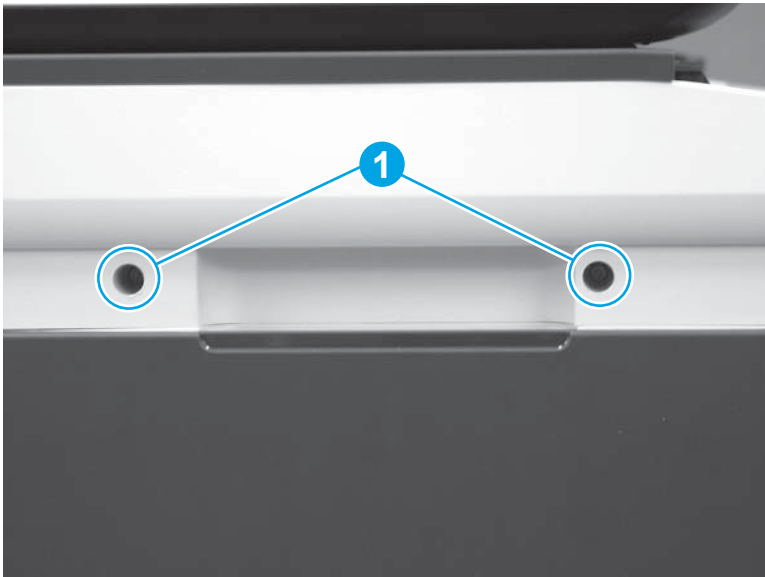
4. At the left side of the printer, use a small flat blade screwdriver to carefully remove two white rubber plugs (callout 1).

Figure 1-690 Remove two plugs



5. Remove two screws (callout 1).

Figure 1-691 Remove two screws



6. Use a flat blade screwdriver to release the scanner base cover.


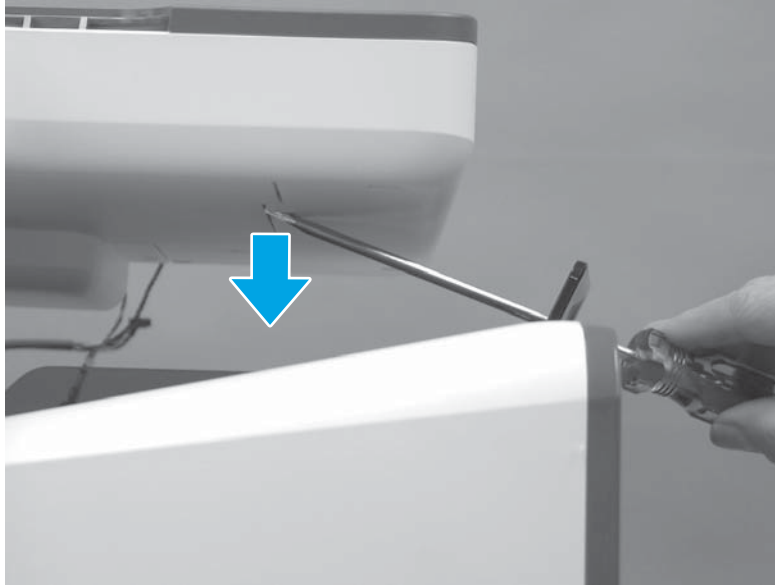
 **NOTE:** Use a screwdriver with at least a 152 mm (6 in) shaft to release the cover. This cover can be difficult to remove and might require some force to release it from the SSA.

Figure 1-692 Release the cover



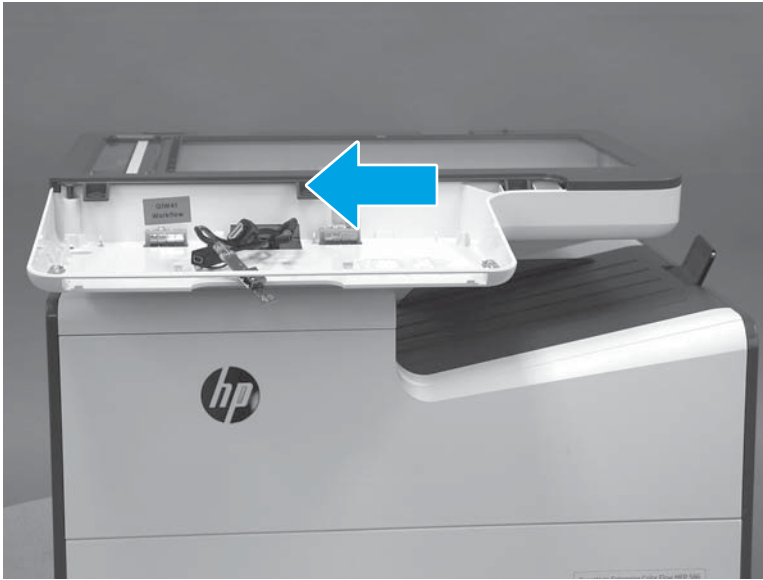
7. Remove the cover.

Figure 1-693 Remove the cover



8. Slightly slide the SSA toward the left side of the printer to release it.

Figure 1-694 Slide the SSA left



9. Slightly lift the front of the SSA up, and then pass the wire harnesses and cables through the opening in the SSA chassis.

CAUTION: The SSA is not captive on the printer base. Do not let it fall off of the printer base.

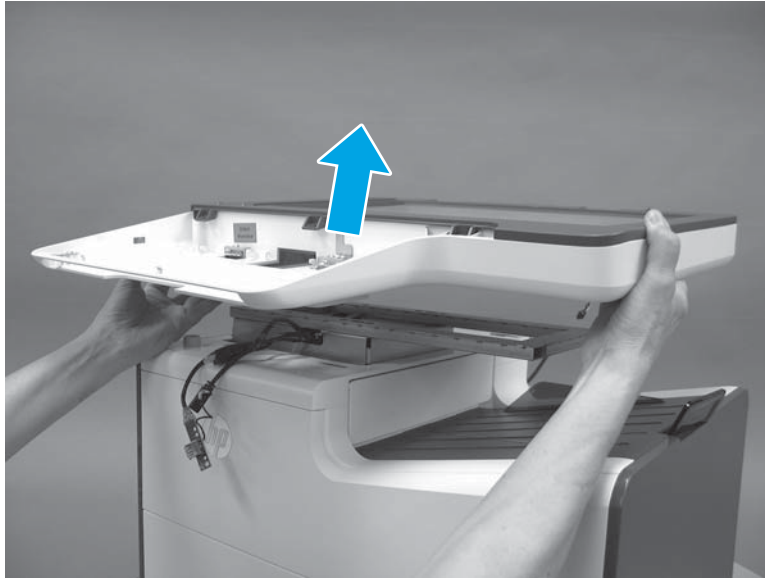
Figure 1-695 Pass the wire harnesses and cables through the opening



10. Lift the SSA straight up and off of the printer base to remove it.


 **CAUTION:** The SSA is bulky and heavy. Do not drop the SSA.

Figure 1-696 Remove the SSA



Step 10: Unpack the replacement assembly

1. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

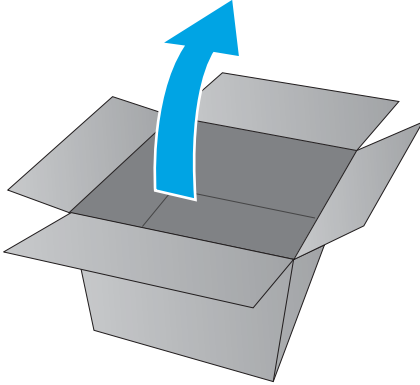
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or before touching rollers or pads.

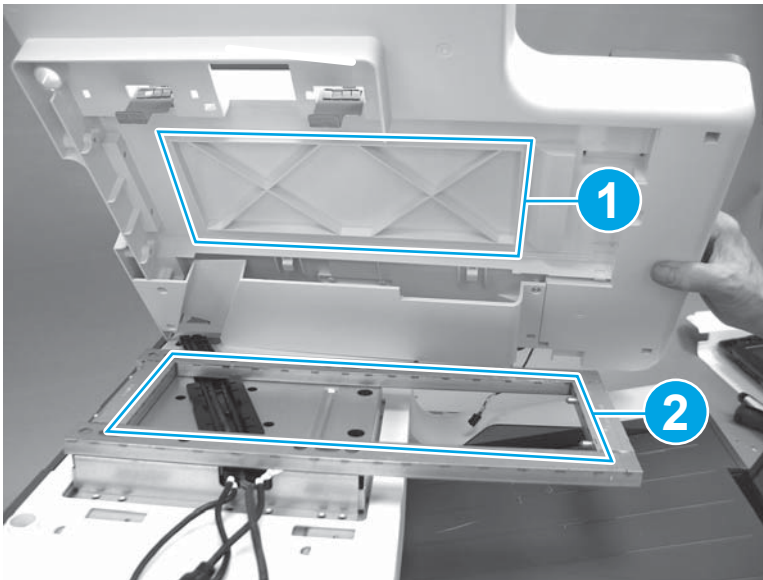
📄 IMPORTANT: Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



Step 11: Install the sub-scanner assembly (SSA)

1. Before proceeding, locate the SSA mounting bracket (callout 1) on the bottom of the SSA and the tray (callout 2) on the printer base.

Figure 1-697 Locate the SSA mounting bracket

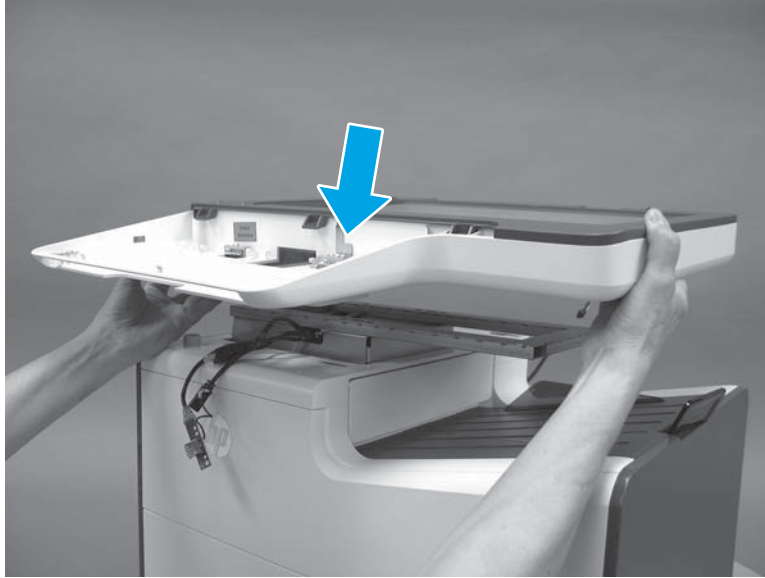


2. Position the SSA on the printer.

CAUTION: The ISA is bulky and heavy. Do not drop the SSA.

IMPORTANT: Keep the front of the SSA tilted up so the cables and wire harness are not damaged.

Figure 1-698 Install the ISA



3. With the front of the SSA tilted up, pass the wire harnesses and cables through the opening in the SSA chassis.

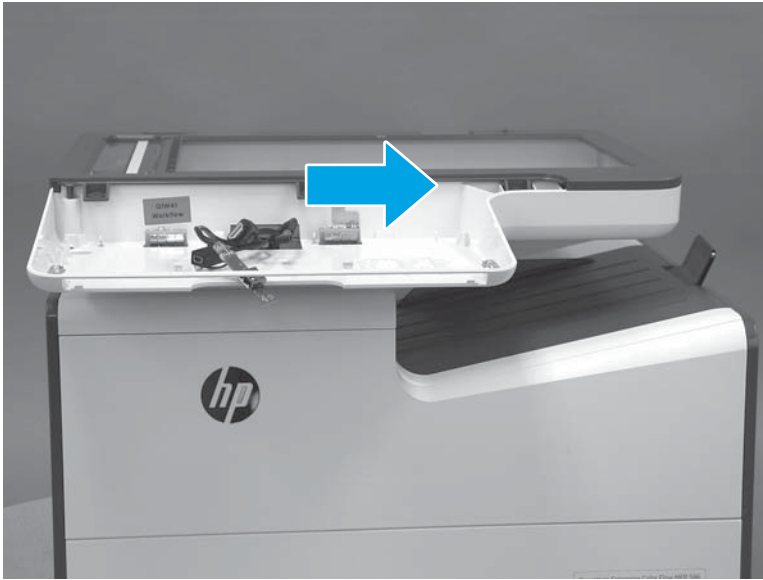
CAUTION: The SSA is not captive on the printer base. Do not let it fall off of the printer base.

Figure 1-699 Pass the wire harnesses and cables through the opening



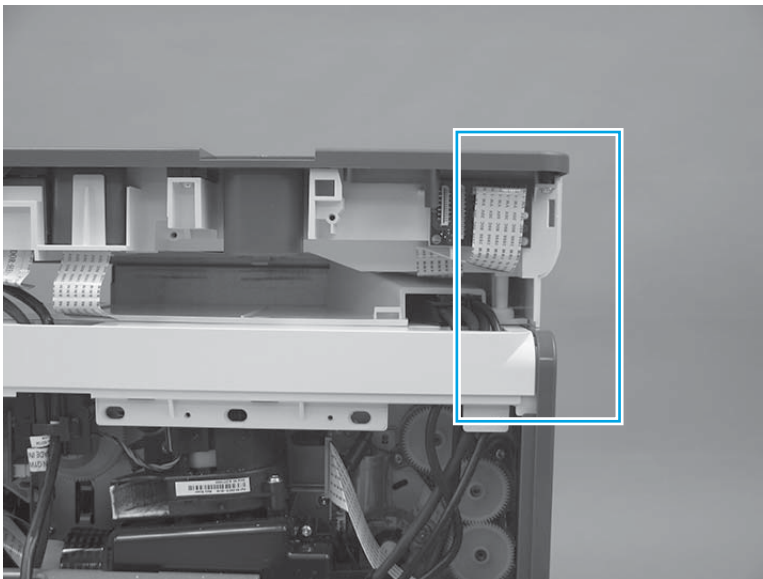
4. Lower the front of the SSA, and then slightly slide it toward the right side of the printer to engage it.

Figure 1-700 Slide the SSA right



5. Before proceeding, at the back of the printer, look at the alignment of the SSA and printer base to verify that the SSA is fully seated on the printer base. The edge of the SSA should be in line with the side of the printer base.

Figure 1-701 Check the SSA and printer base alignment



6. Position the scanner base cover on the printer.

Figure 1-702 Install the cover

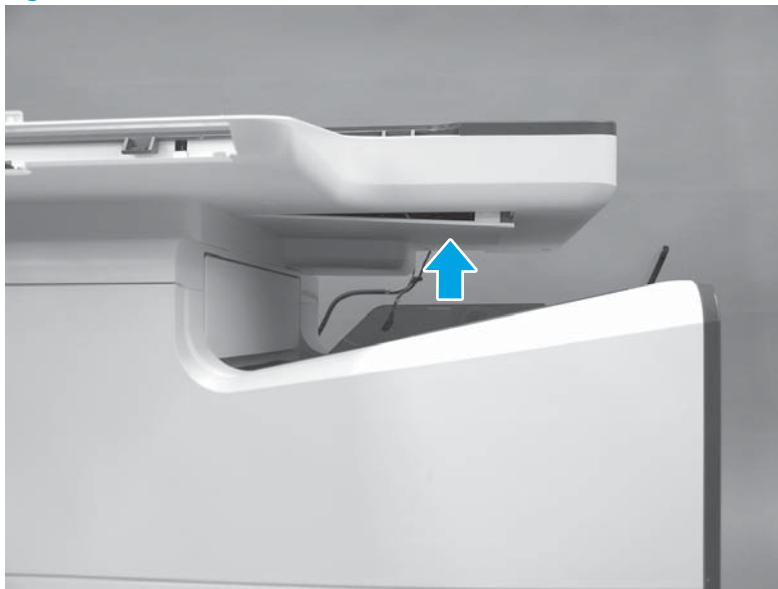


7. Push up on the cover to install it.



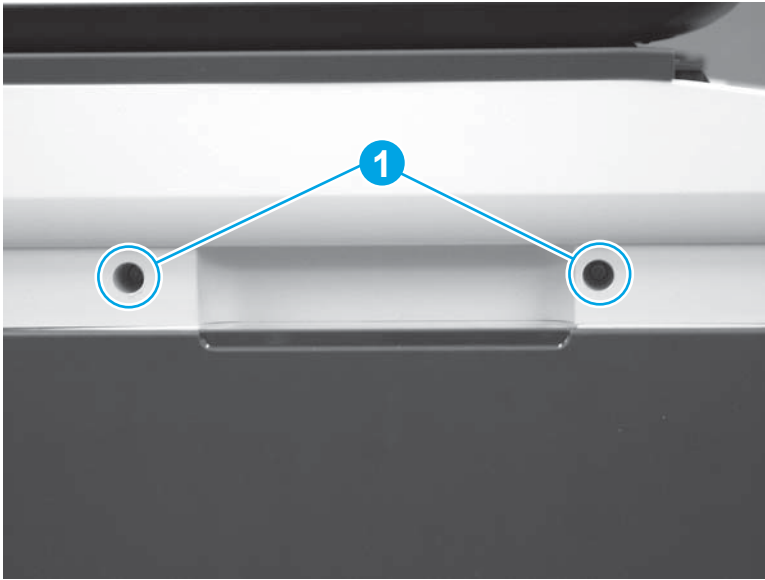
NOTE: Installing the cover might require considerable force to snap it into place

Figure 1-703 Install the cover



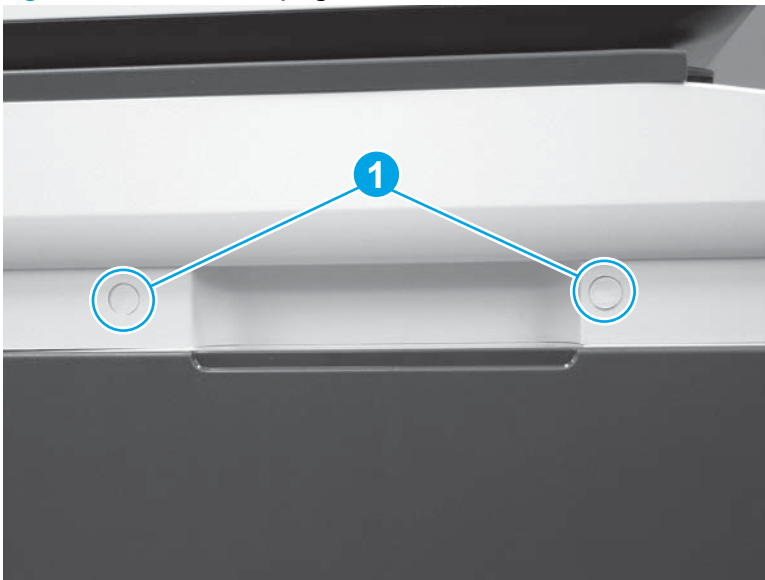
8. At the left side of the printer, install two screws (callout 1).

Figure 1-704 Install two screws



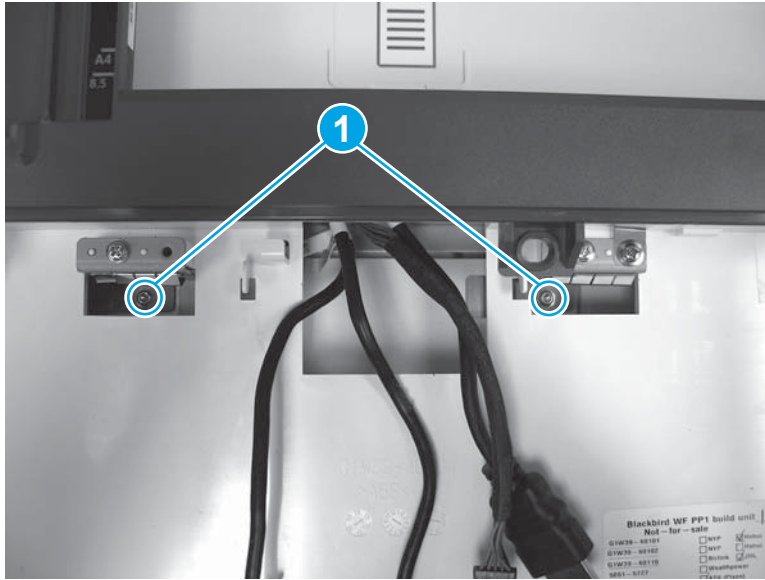
9. Install two white rubber plugs (callout 1).

Figure 1-705 Install two plugs



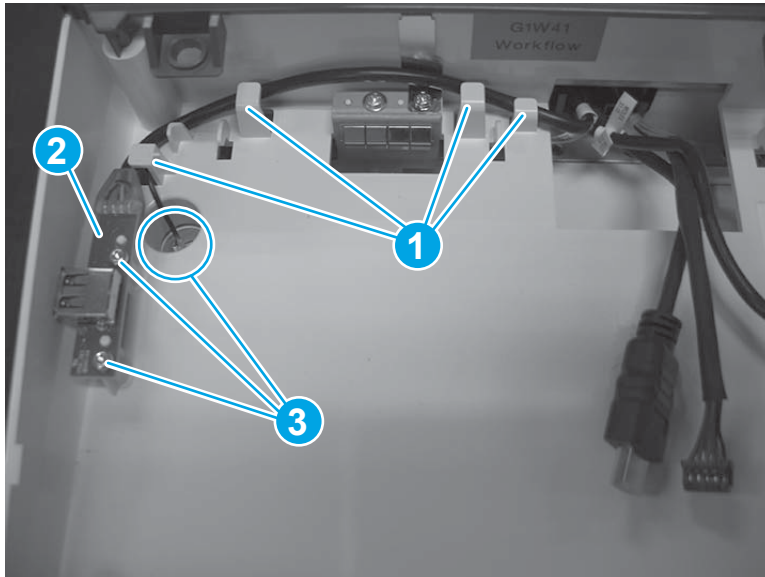
10. At the front of the printer, install two screws (callout 1).

Figure 1-706 Install two screws



11. Install the cable in the retainers (callout 1), position the USB on the mounting bosses (callout 2), and then install three screws (callout 3).

Figure 1-707 Install the USB port PCA



12. Install the USB port cover.

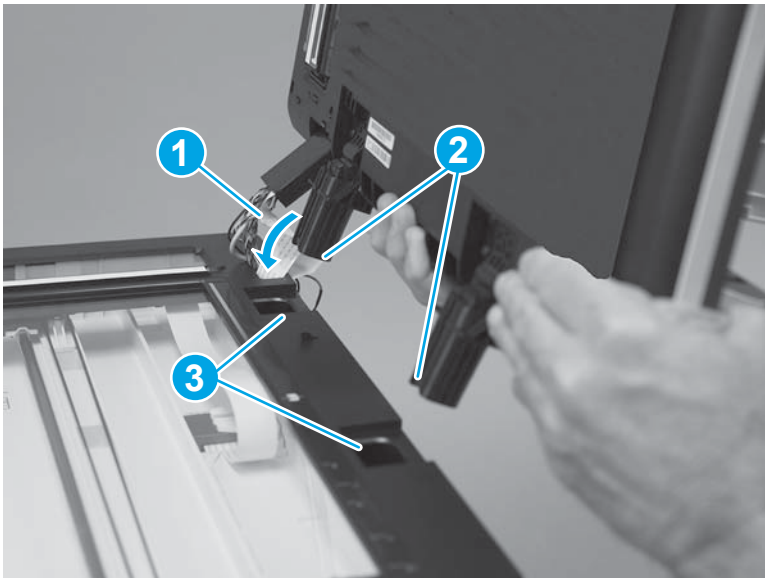
Figure 1-708 Install the USB port cover



Step 12: Install the document feeder assembly (M586)

1. Pass the flat cable and wire harness on the replacement document feeder through the hole in the scanner chassis (callout 1), and then align the hinges (callout 2) with the slots (callout 3) in the chassis.

Figure 1-709 Align the hinges



2. Continue to pass the flat cable and wire through the opening in the chassis (callout 1), and then insert the hinges (callout 2) into the slots.

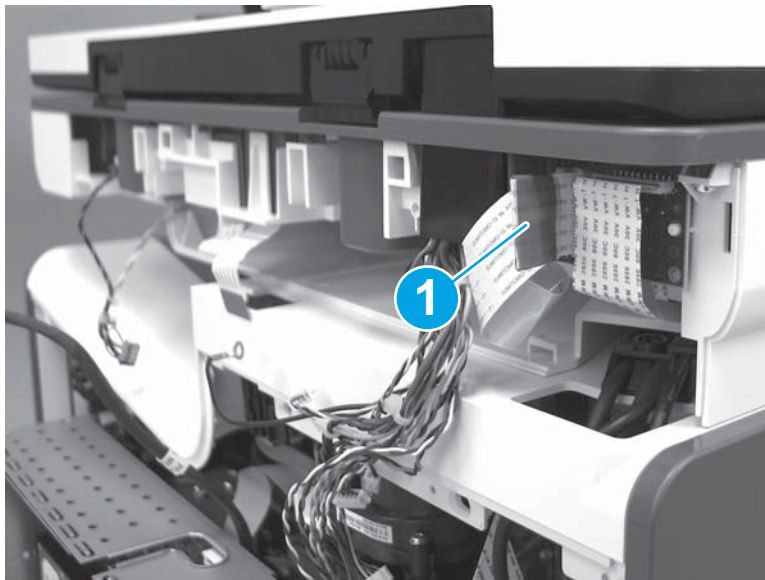
CAUTION: Do not damage the flat cable or wire harnesses when the cable guide (callout 1) is installed in its slot.

Figure 1-710 Install the document feeder



3. Connect one flat cable.

Figure 1-711 Connect the flat cable

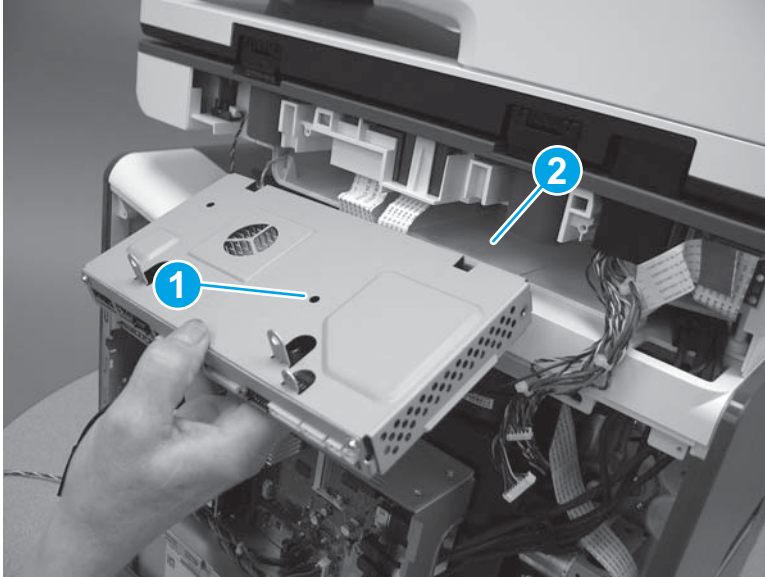


Step 13: Install the SCB (M586)

1. Position the SCB (callout 1) in the slot (callout 2) in the printer.

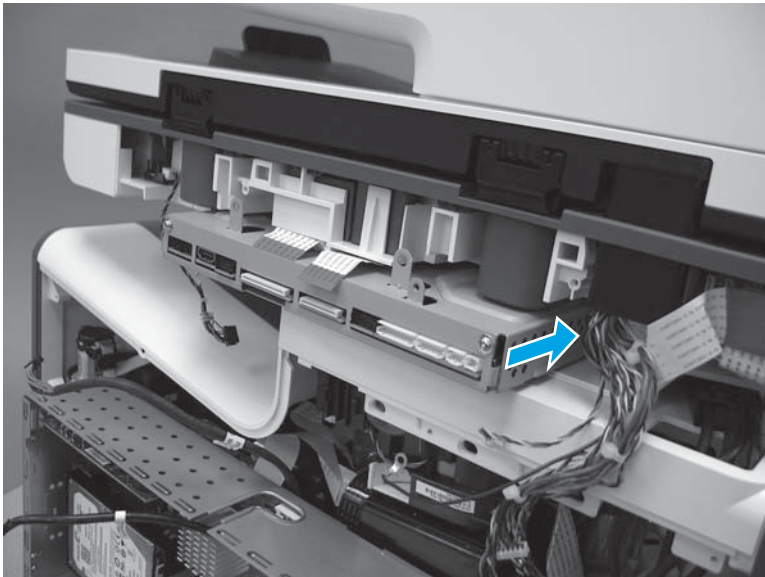
NOTE: Make sure that all of the cables are outside of the slot before installing the SCB.

Figure 1-712 Install the SCB



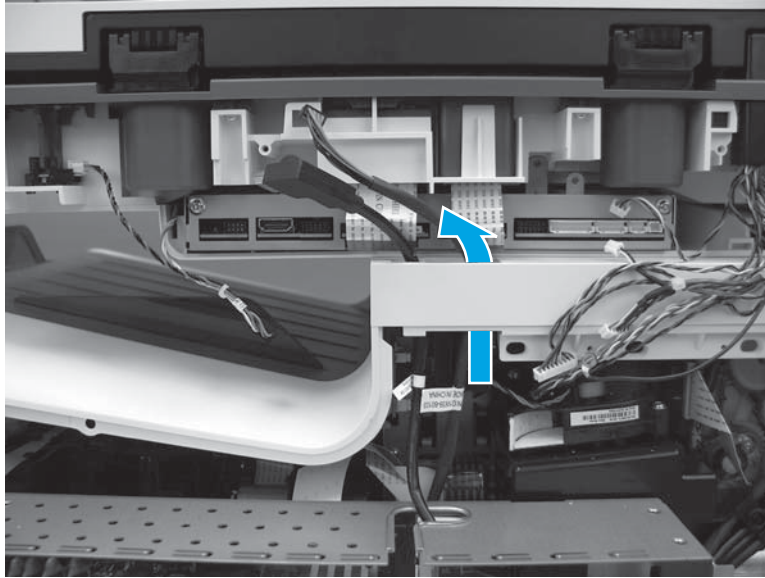
2. Slide the SCB into the printer.

Figure 1-713 Slide the SCB in



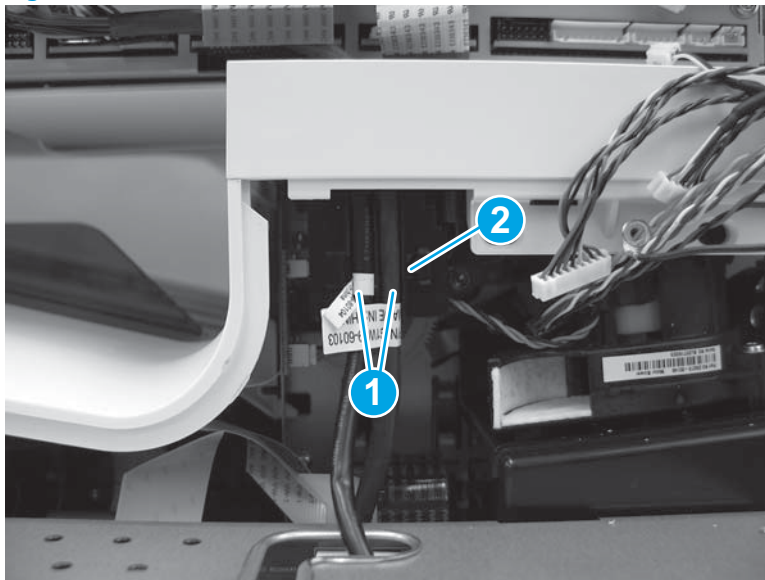
3. Install two black cables up through the opening in the printer cover.

Figure 1-714 Install two cables through the opening in the cover



4. Install two cables (callout 1) into the retainer (callout 2).

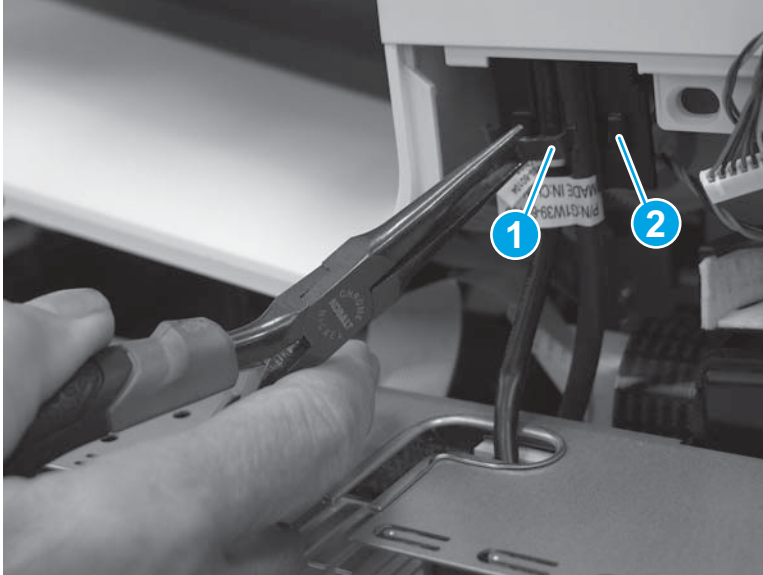
Figure 1-715 Install two cables



- Securely hold the retainer clip with needle-nose pliers and position the tab (callout 1) in the slot (callout 2) in the printer.

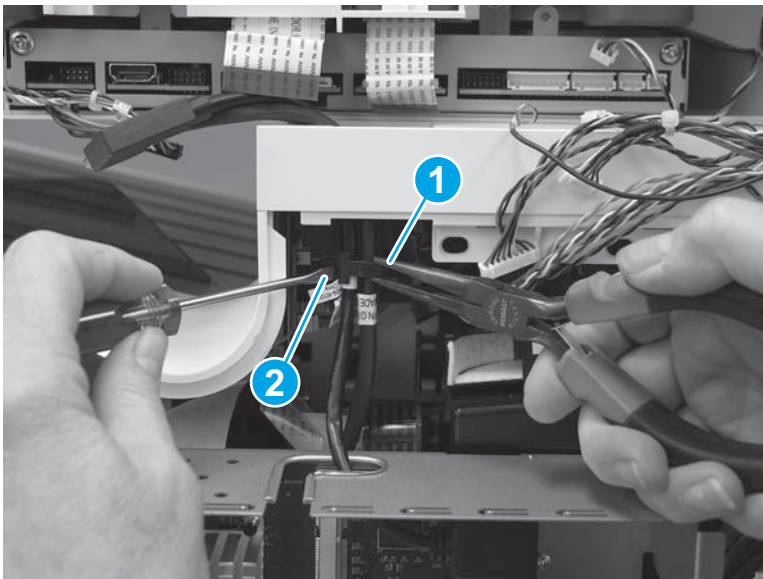
⚠ CAUTION: This clip is not captive and can easily fall inside the printer. Make sure to hold the clip securely when installing it.

Figure 1-716 Engage the clip



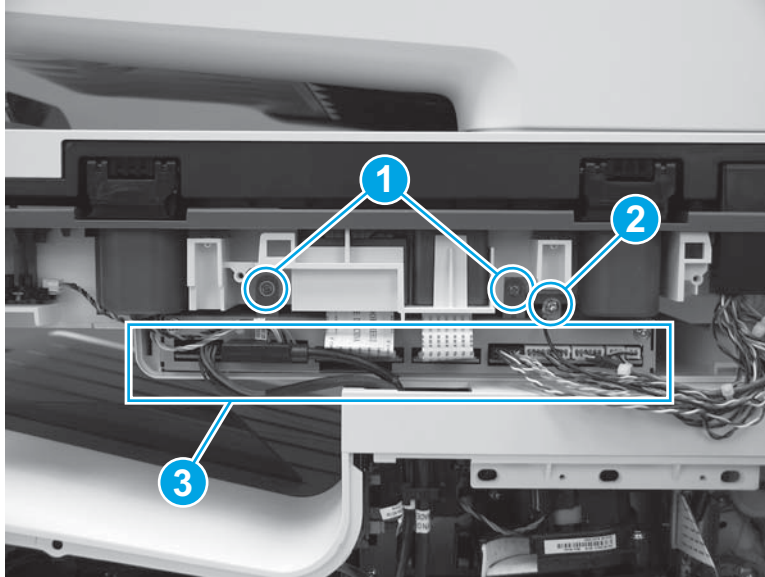
- Securely hold one end of the retainer clip with needle-nose pliers (callout 1), and then use a small, flat-blade screwdriver (callout 2) to install the other end of the clip.

Figure 1-717 Install the clip



7. Install two screws (callout 1). Position the grounding wire, and then install one screw (callout 2). Connect all of the connectors (callout 3) to the SCB.

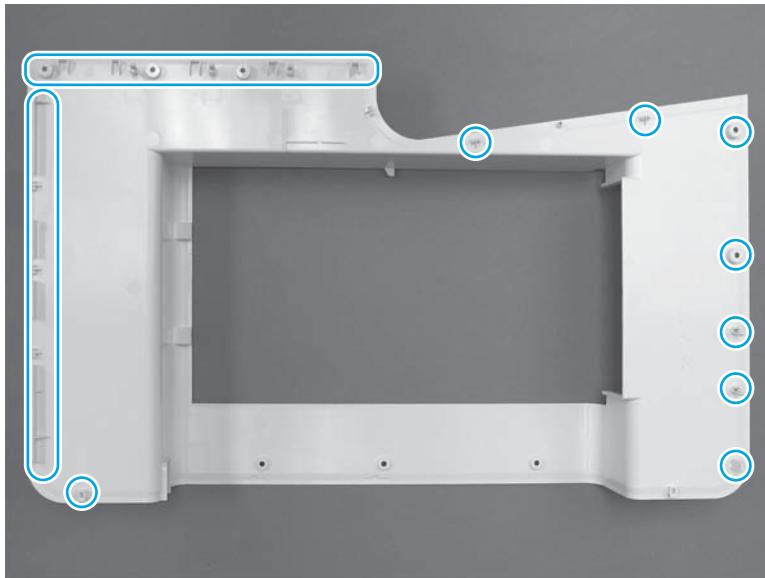
Figure 1-718 Connect connectors and install screws



Step 14: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-719 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


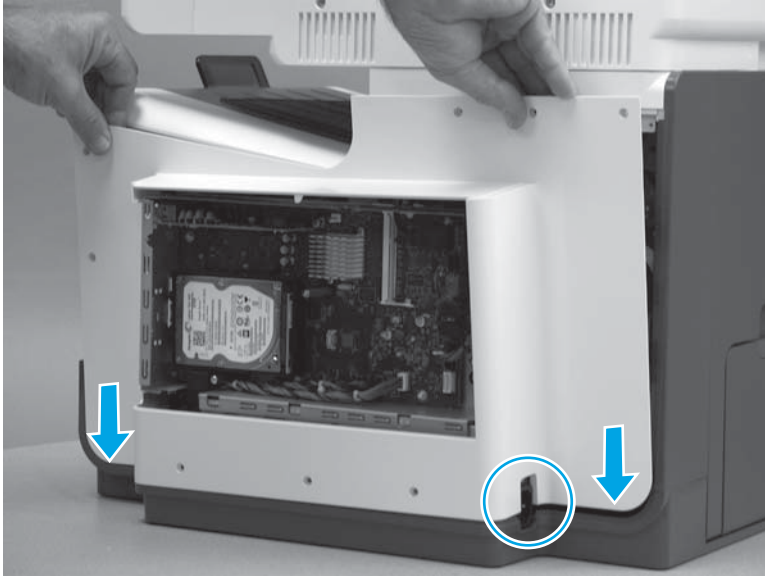
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

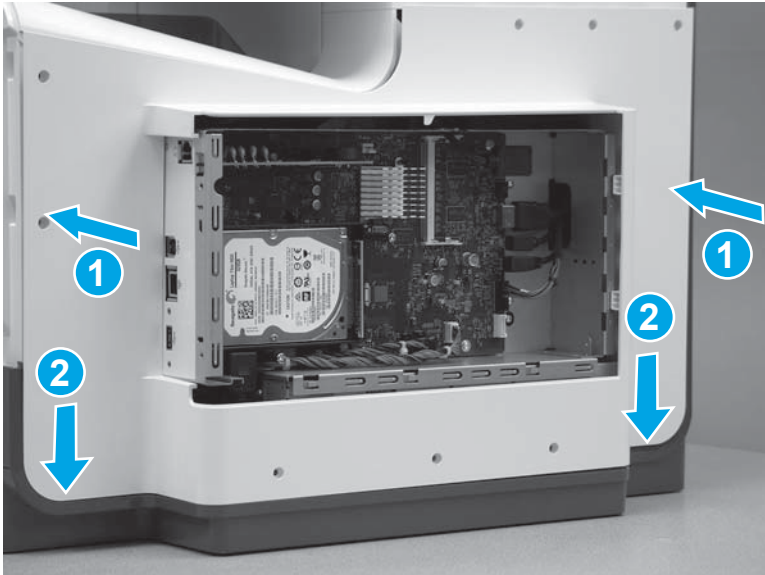
Figure 1-720 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

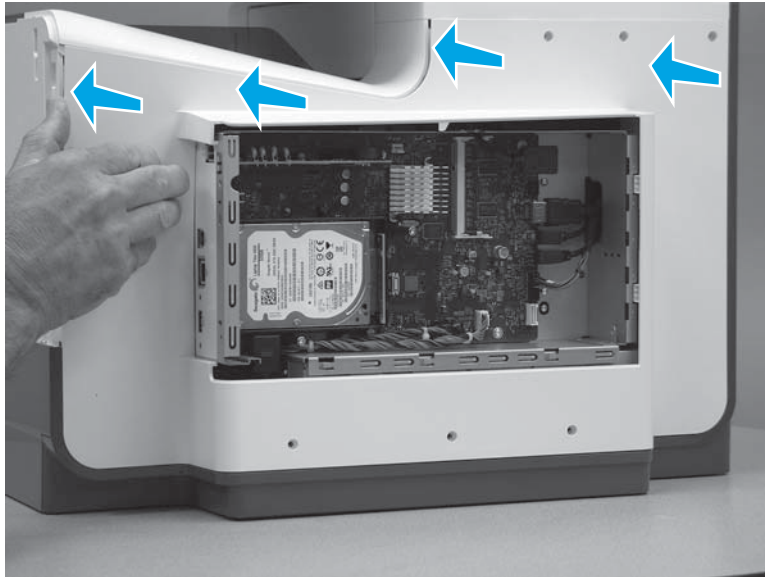
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-721 Engage the sides of the cover



- Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

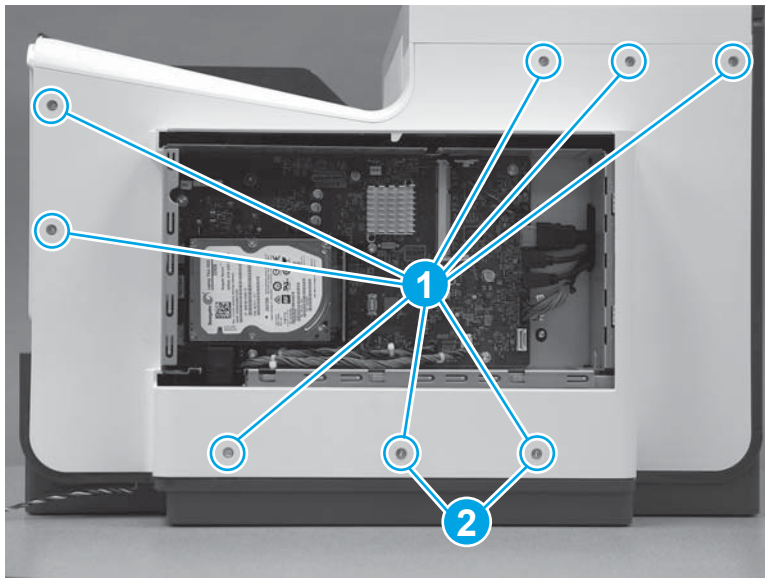
Figure 1-722 Release the top edge of the cover



- Install eight screws (callout 1).

 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

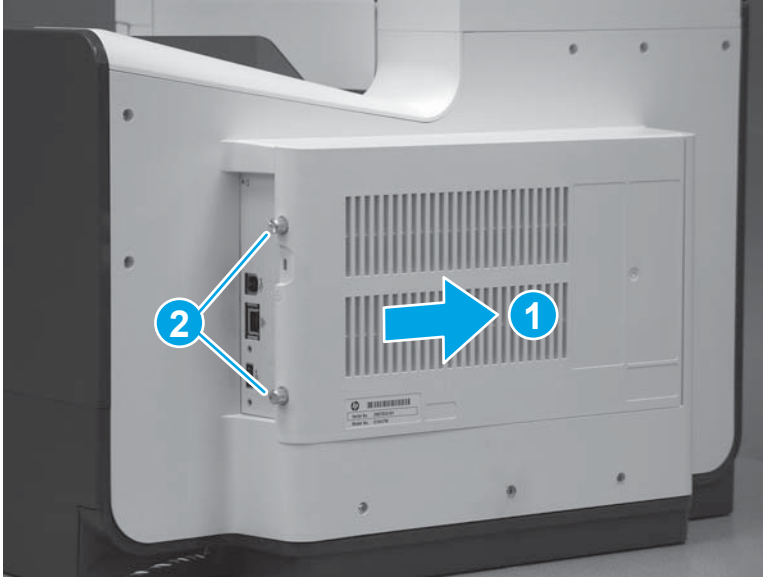
Figure 1-723 Install eight screws



Step 15: Install the formatter cover

- Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

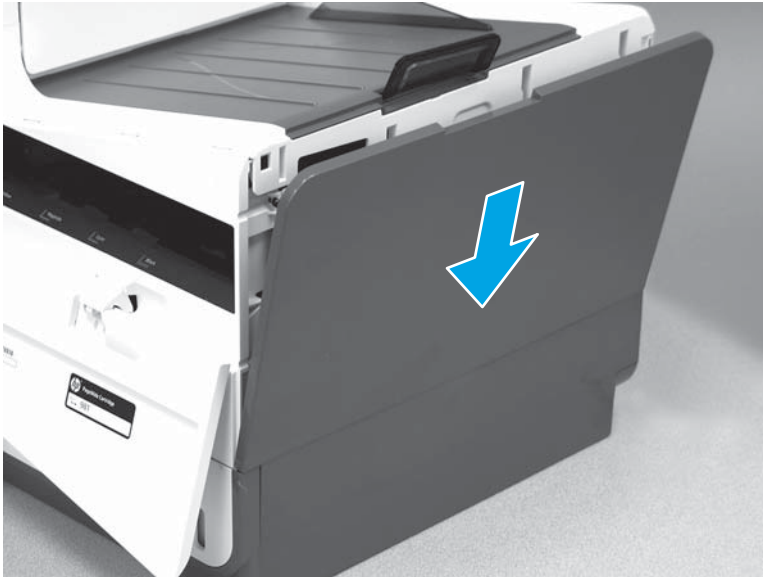
Figure 1-724 Install the formatter cover



Step 16: Install the right cover (outer)

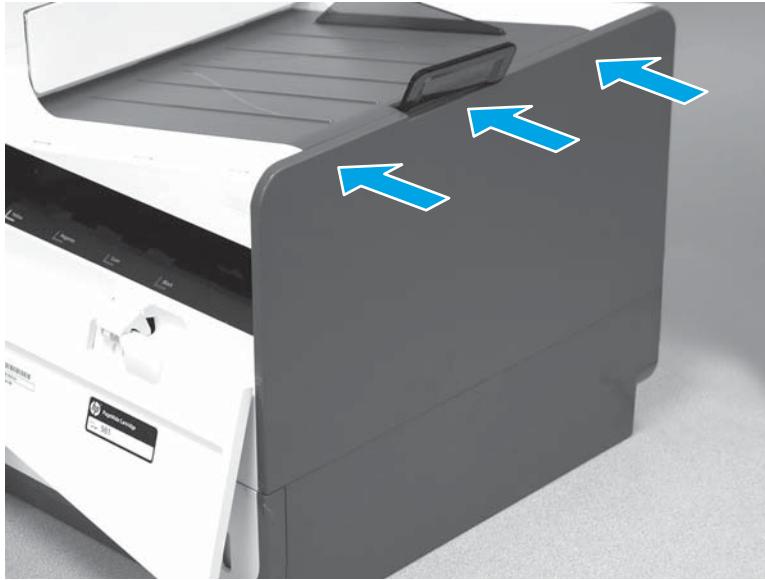
1. Position the bottom edge of the cover on the printer.

Figure 1-725 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-726 Install the right cover (outer)



Step 17: Install the SCB cover

1. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-727 Align the SCB cover tabs and printer slots



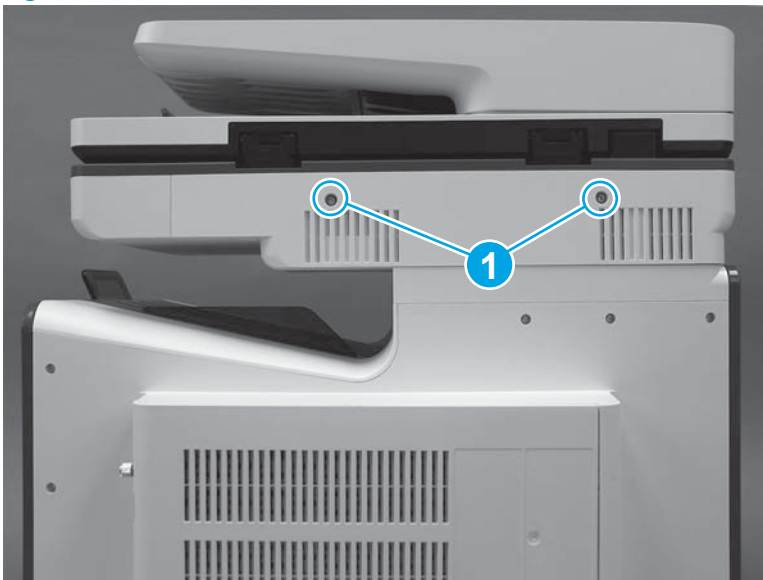
2. Push the cover straight in to install it.

Figure 1-728 Install the SCB cover



3. Install two screws (callout 1).

Figure 1-729 Install two screws

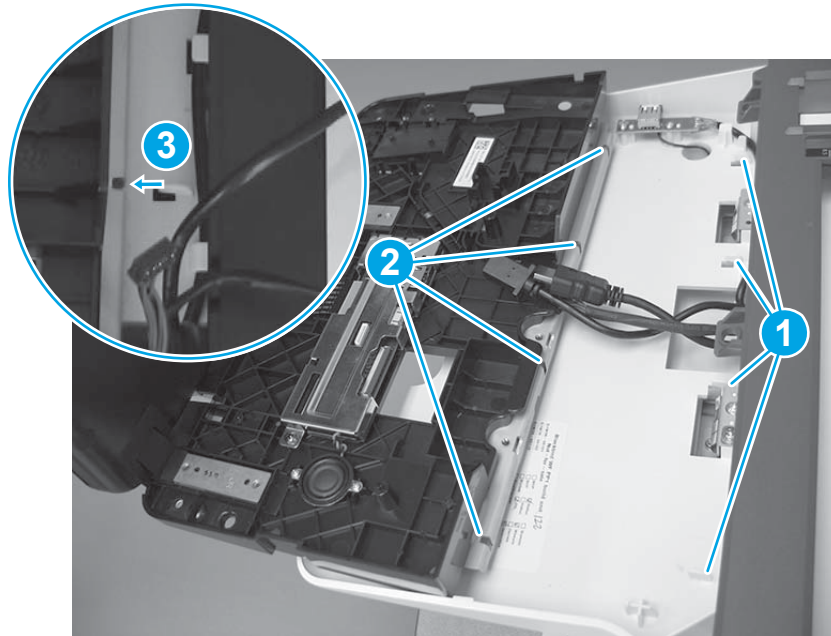


Step 18: Install the control panel (556)

The HP PageWide Enterprise Color MFP 586z printer is shown in this guide, however the control-panel replacement procedure is valid for all of the 586 printers. The 586dn and 586f printers do not have a keyboard.

1. Locate the four hooks on the SSA chassis (callout 1) and the matching slots in the control-panel base (callout 2). The hooks fit into the slots (callout 3) when the assembly is installed.

Figure 1-730 Locate the control-panel mounting hooks and slots



2. Position the rear edge of the control panel in the SSA chassis (callout 1), and then lower the front of the assembly down (callout 2).


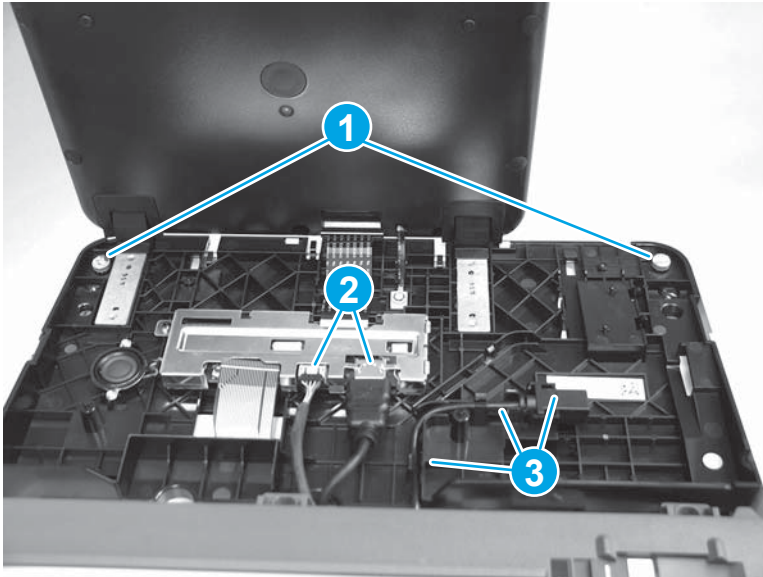
 **NOTE:** Make sure that the hooks on the SSA chassis are engaged in the slots of the control-panel base (see step 3).

Figure 1-731 Install the control panel



3. Use the screwdriver provided in the kit to install two screws (callout 1). Connect one HDMI cable and one connector (callout 2), and then install the USB cable in the holder and retainers (callout 3).

Figure 1-732 Install thumbscrews and connect connectors



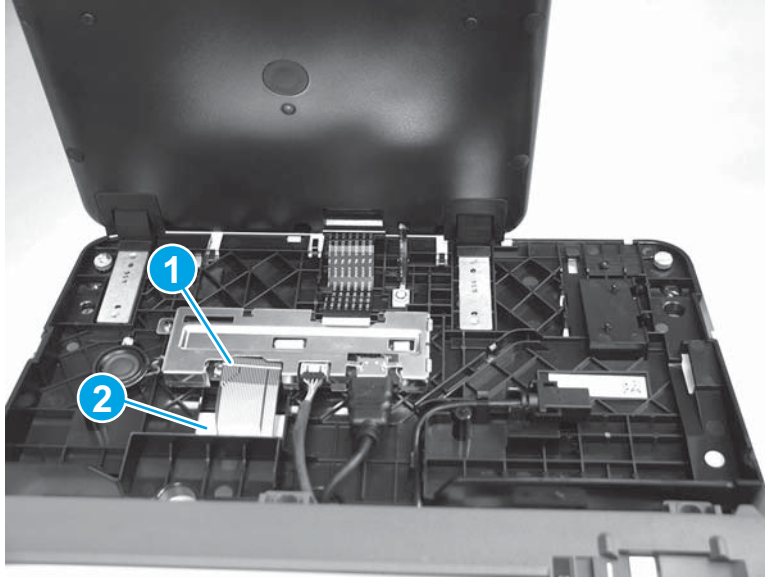
4. **586z MFP only:** Install the keyboard.

Figure 1-733 Install the keyboard (586z)



5. **586z only:** Make sure to feed the keyboard flat cable (callout 1) through the opening (callout 2) in the control-panel base when installing the key board.

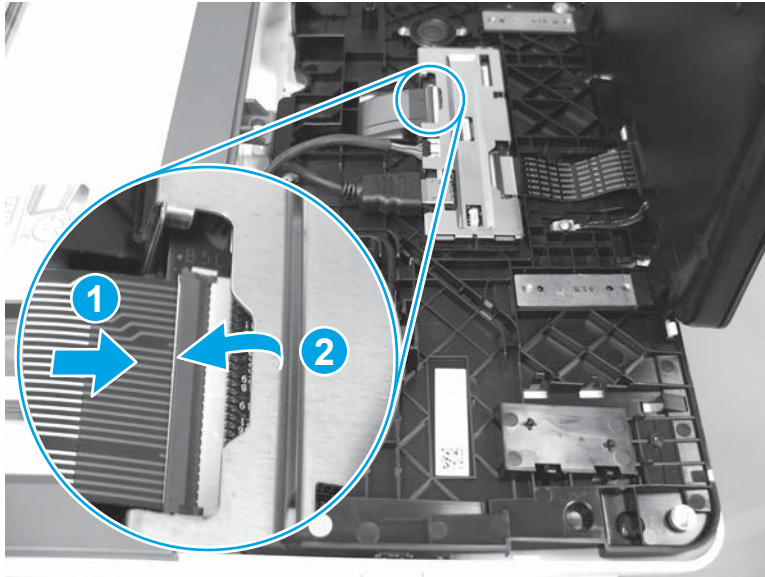
Figure 1-734 Pass the flat cable through the opening (586z)



6. **586z only:** Insert the flat cable in the connector, and then close the latch.

 **TIP:** When the Flat cable is correctly inserted in the connector, the white line on the flat cable is parallel to the connector body.

Figure 1-735 Connect the keyboard cable (586z)



7. Position the control-panel cover on the control panel.

Figure 1-736 Install the cover



8. Beginning at the right side of the control-panel cover, carefully push down along the top edge of the cover to engage the bosses.


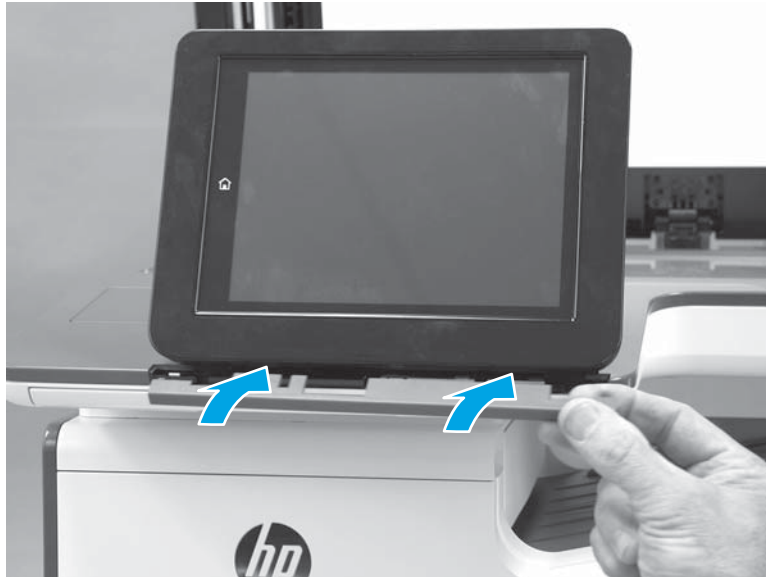
 **NOTE:** If the right- and left-side bosses are not fully engaged, push down along the edge of the cover to fully seat them.

Figure 1-737 Engage three bosses



9. Position the small gray plastic cover in the slot under the control panel, and then push it straight in to install it.

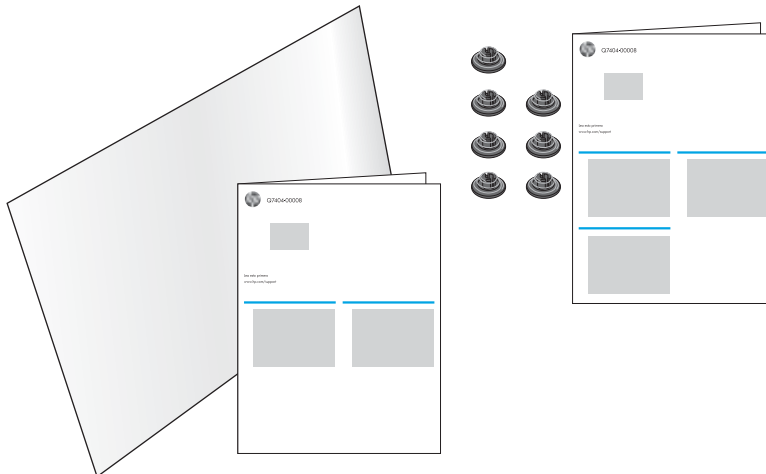
Figure 1-738 Install the cover



Step 19: Install the white backing

- ▲ Follow the instruction guides provided in the kit to install the document feeder retention clips and white backing.

Figure 1-739 Install the retention clips and white backing



Removal and replacement: Power supply

- [Introduction](#)
- [Step 1: Remove the right cover \(outer\)](#)
- [Step 2: Remove the formatter cover](#)
- [Step 3: Remove the rear cover](#)
- [Step 4: Remove the formatter and formatter cage \(586\)](#)
- [Step 5: Remove the formatter and formatter cage \(556\)](#)
- [Step 6: Remove the power supply](#)
- [Step 7: Unpack the replacement assembly](#)
- [Step 8: Install the power supply](#)
- [Step 9: Install the formatter and formatter cage \(556\)](#)
- [Step 10: Install the formatter and formatter cage \(586\)](#)
- [Step 11: Install the rear cover](#)
- [Step 12: Install the formatter cover](#)
- [Step 13: Install the right cover \(outer\)](#)


Introduction

This document provides the procedures to remove and replace the power supply.

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.

Power supply part number

G1W39-67912Power supply, universal 110V and 220V

Required tools

- #10 Torx driver with a 152 mm (6 in) shaft and magnetized 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.

Step 1: Remove the right cover (outer)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


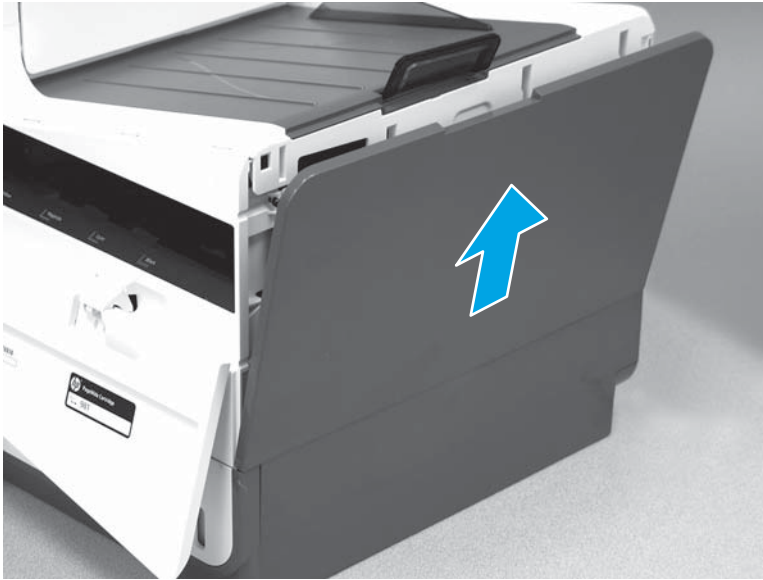
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-740 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-741 Remove the right cover (outer)



Step 2: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


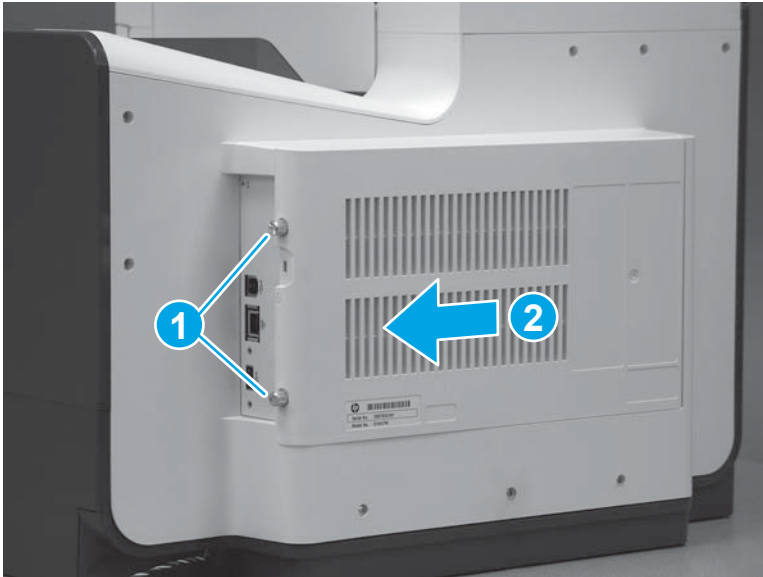
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-742 Remove the formatter cover



Step 3: Remove the rear cover

1. Remove eight screws (callout 1).


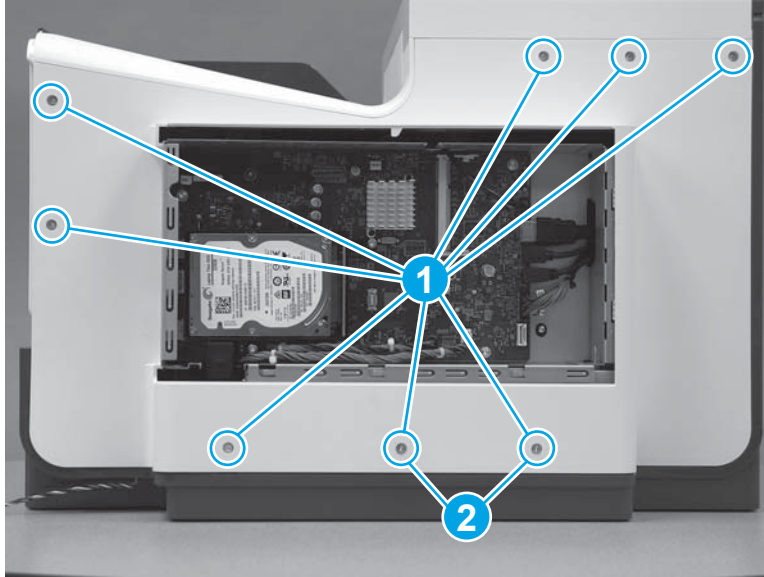
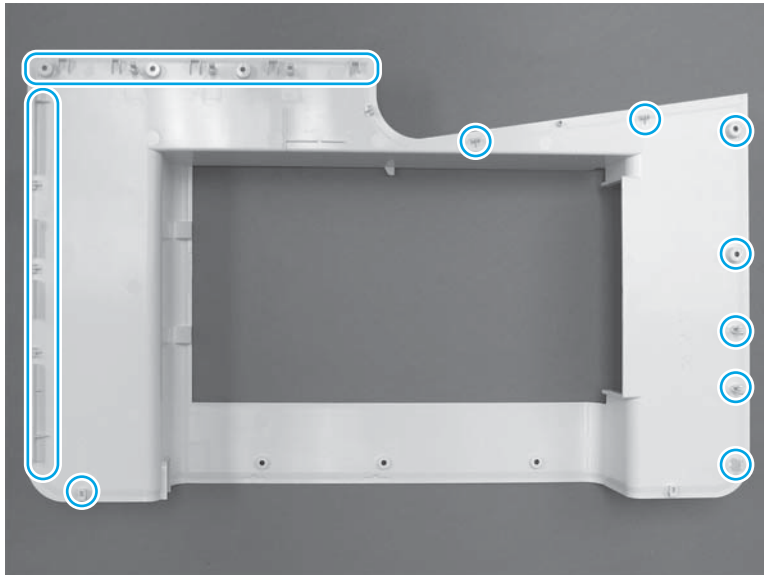
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-743 Remove eight screws



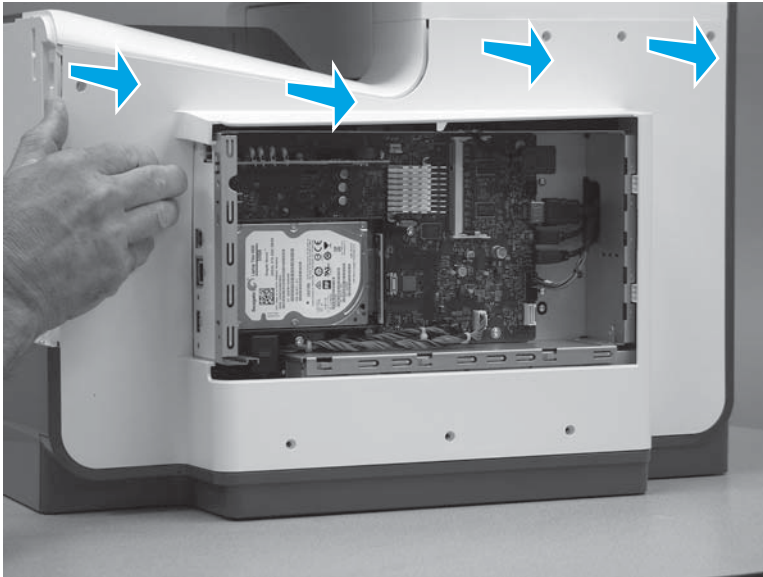
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-744 Find the tabs and bosses on the rear cover



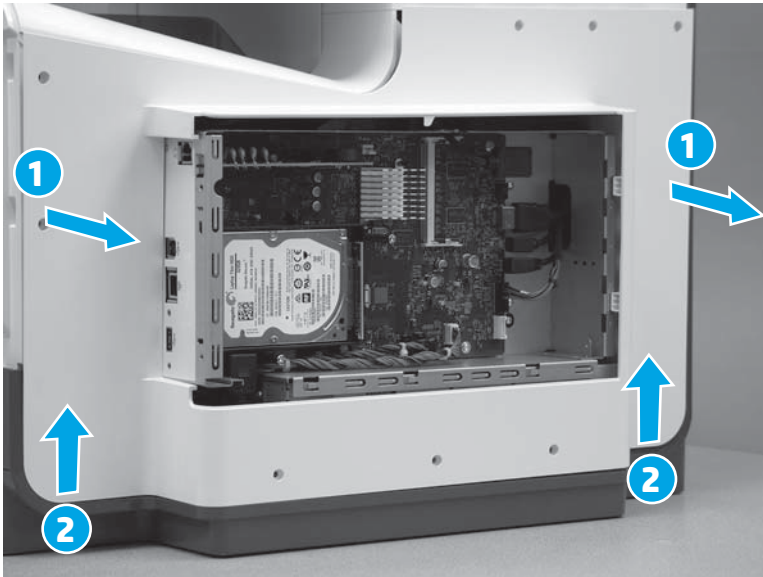
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top edge of the cover (from left to right).

Figure 1-745 Release the top edge of the cover




4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

Figure 1-746 Remove the rear cover

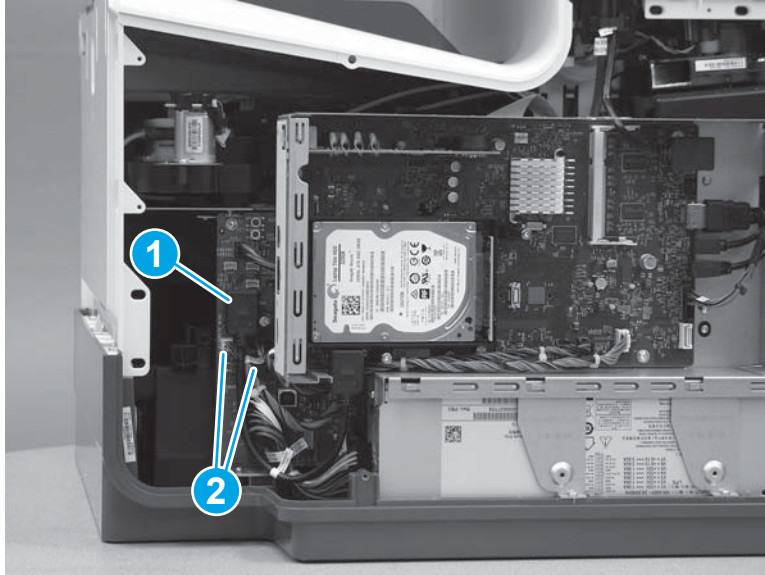


Step 4: Remove the formatter and formatter cage (586)

 **NOTE:** This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 5: Remove the formatter and formatter cage \(556\) on page 455](#).

1. Disconnect one HDMI cable (callout 1), and then disconnect two connectors (callout 2).

Figure 1-747 Disconnect connectors



2. Disconnect five connectors (callout 1), and then pass the cables and wire harness through the openings in the formatter cage.


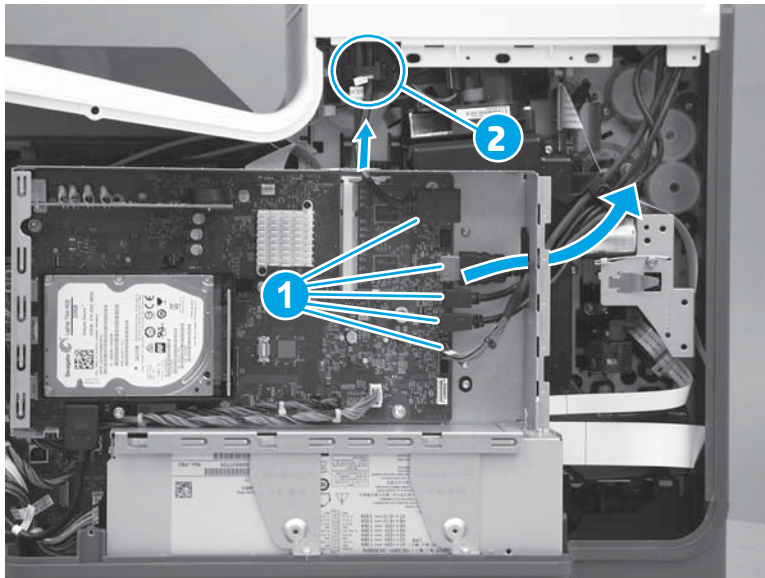
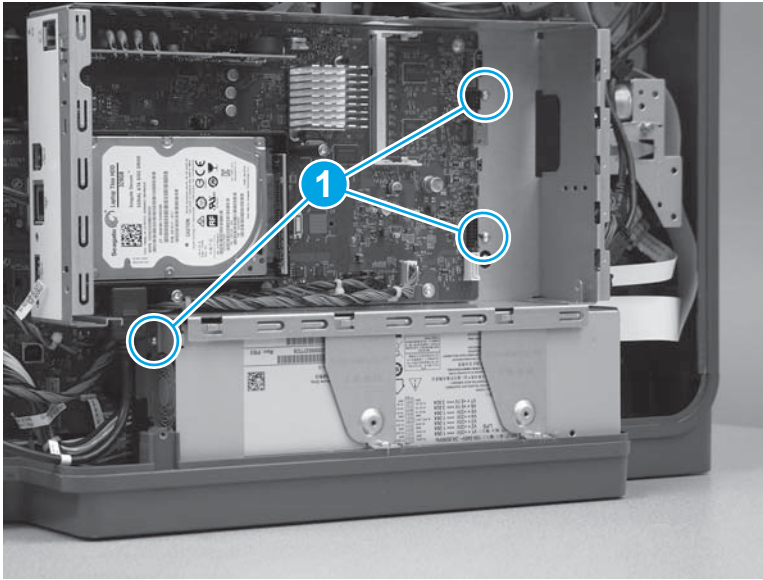
 **TIP:** The cable retainer (callout 2) is easily dislodged. Do not lose the retainer.

Figure 1-748 Disconnect connectors



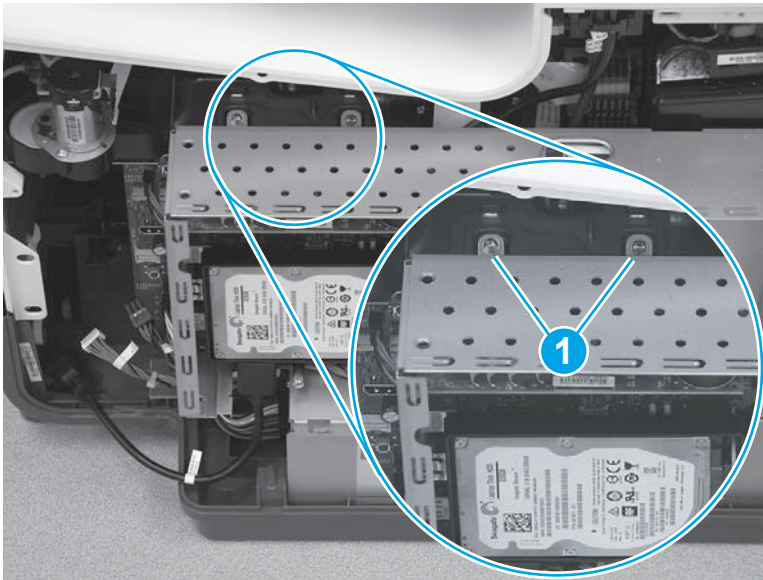
3. Remove three screws (callout 1).

Figure 1-749 Remove three screws



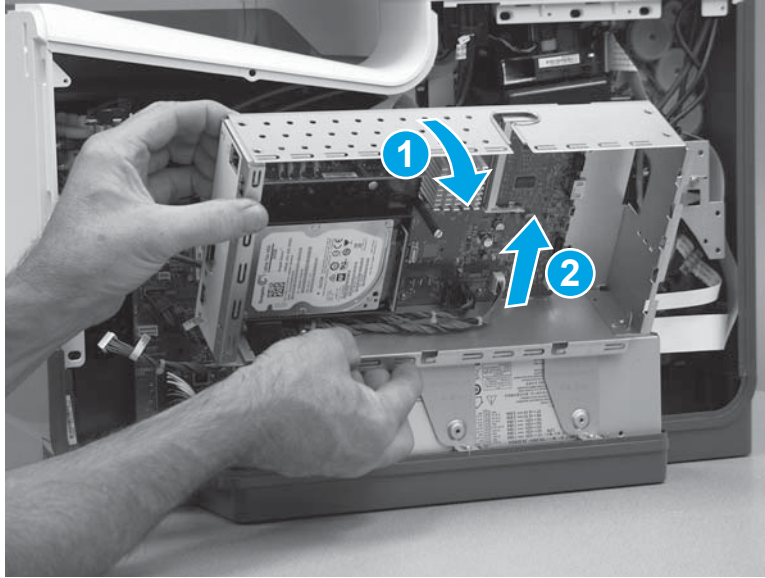
4. Remove two screws (callout 1).

Figure 1-750 Remove two screws





5. Rotate the top of the assembly out and away from the printer, and then remove the assembly.

Figure 1-751 Remove the formatter and cage



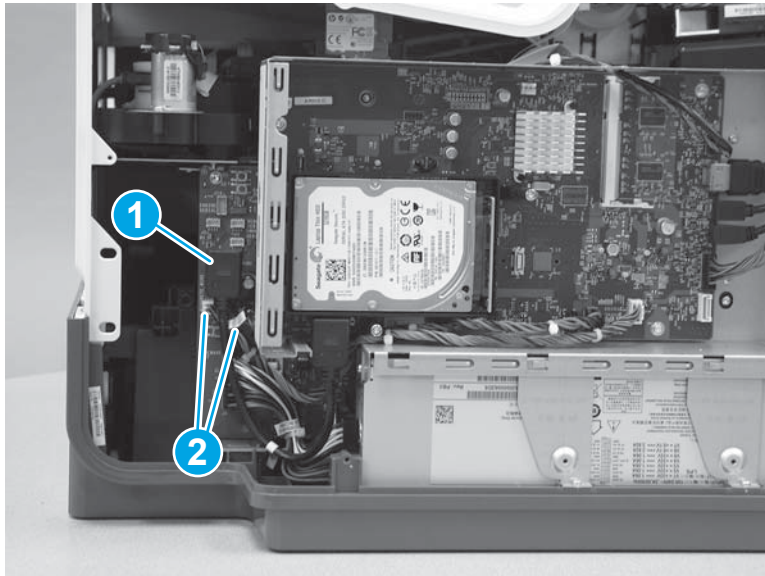
Step 5: Remove the formatter and formatter cage (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 6: Remove the power supply on page 458](#).

 **NOTE:** This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 6: Remove the power supply on page 458](#).

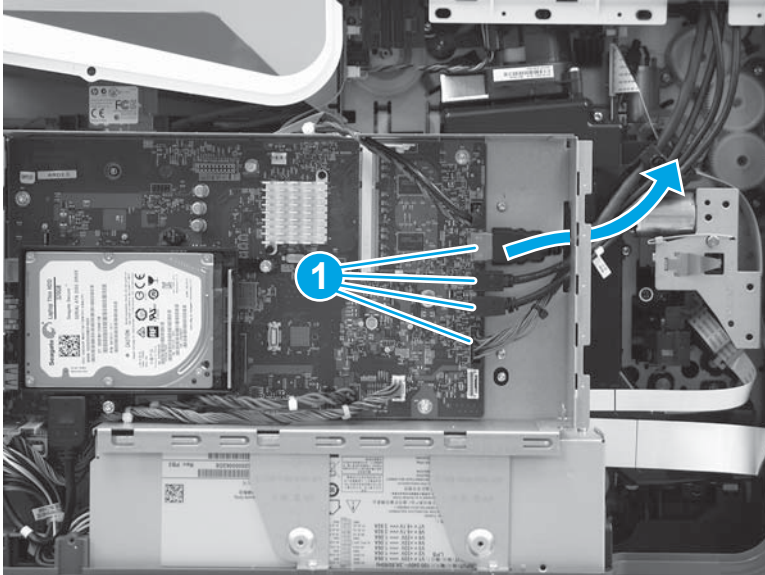
1. Disconnect one HDMI cable (callout 1), and then disconnect two connectors (callout 2).

Figure 1-752 Disconnect connectors



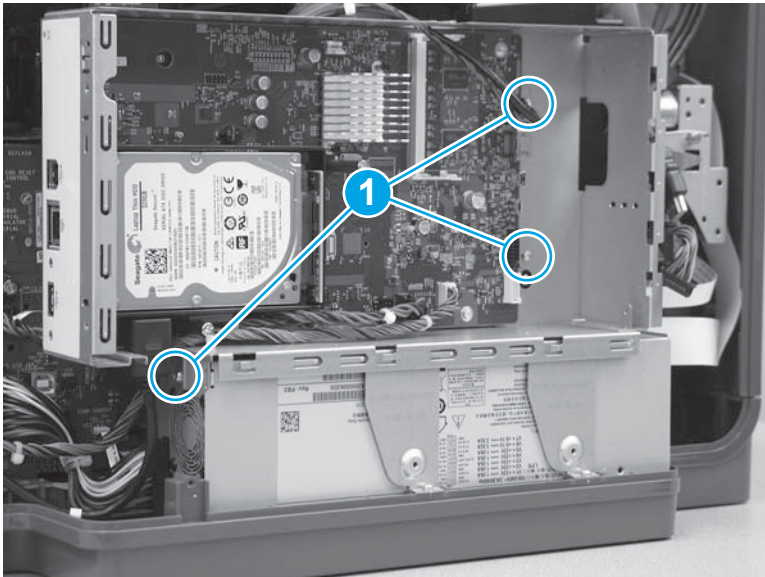
2. Disconnect four connectors (callout 1), and then pass the cables and wire harness through the openings in the formatter cage.

Figure 1-753 Disconnect connectors



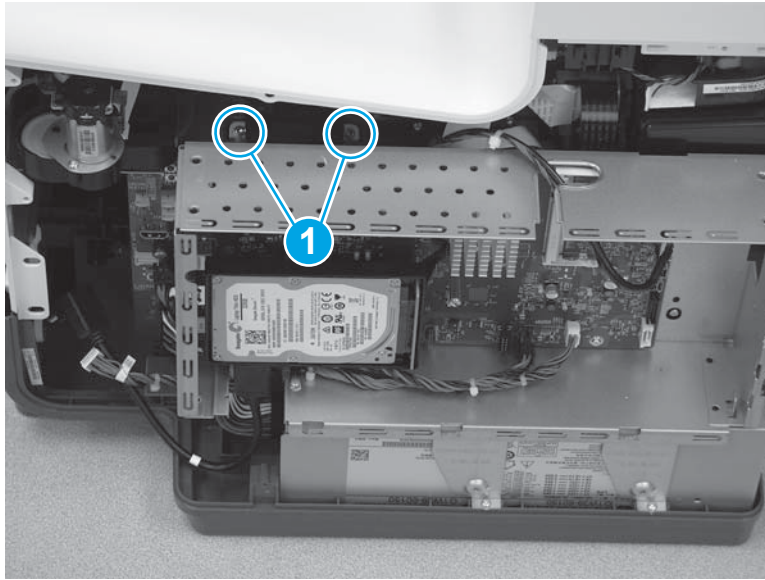
3. Remove three screws (callout 1).

Figure 1-754 Remove three screws



4. Remove two screws (callout 1).

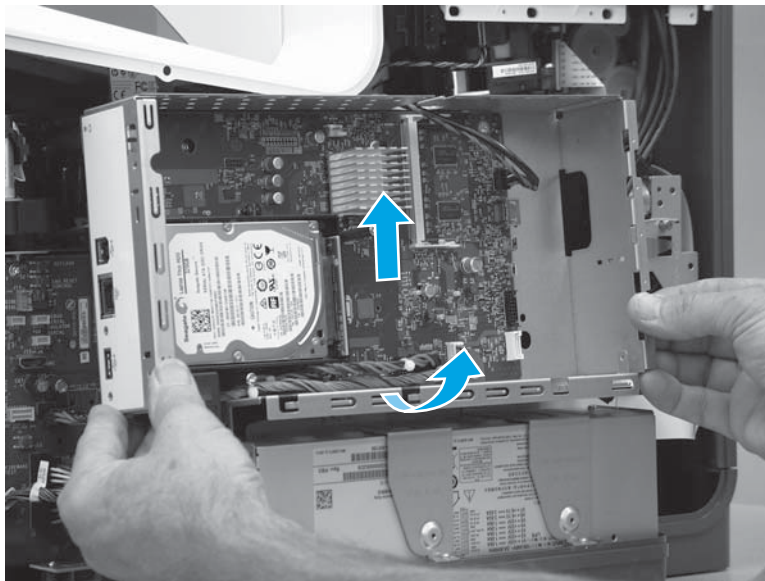
Figure 1-755 Remove two screws



5. Remove the formatter and formatter cage.

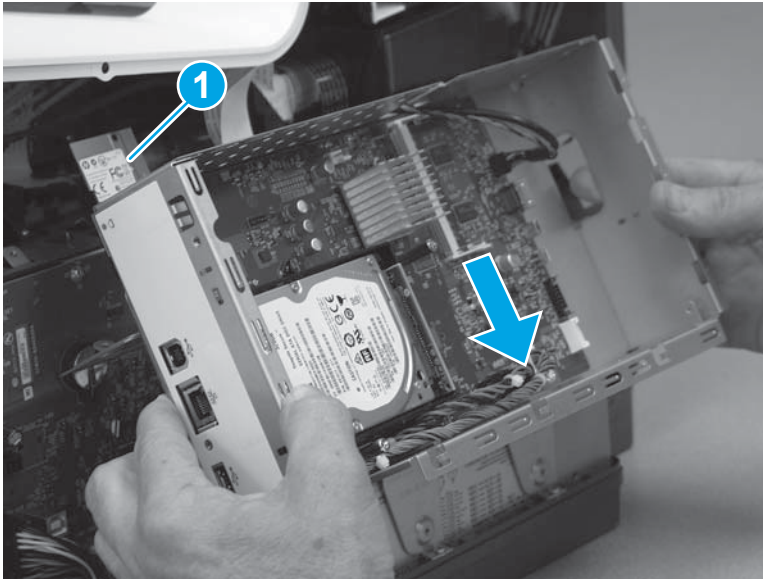
⚠ CAUTION: Be careful. Do not damage the wireless PCA (callout 1) when removing the assembly.

Figure 1-756 Release the formatter and cage



6. Rotate the top of the assembly out and away from the printer, and then remove the assembly.

Figure 1-757 Remove the formatter and cage



Step 6: Remove the power supply

1. Disconnect one connector (callout 1)


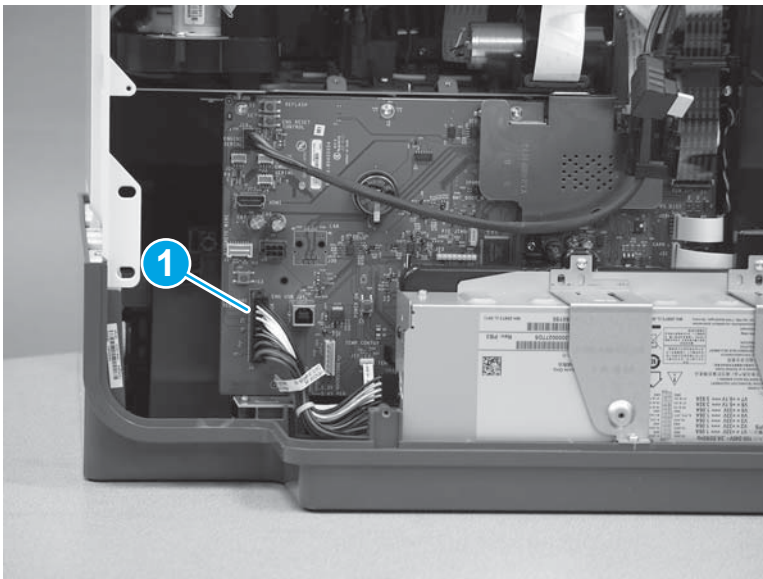
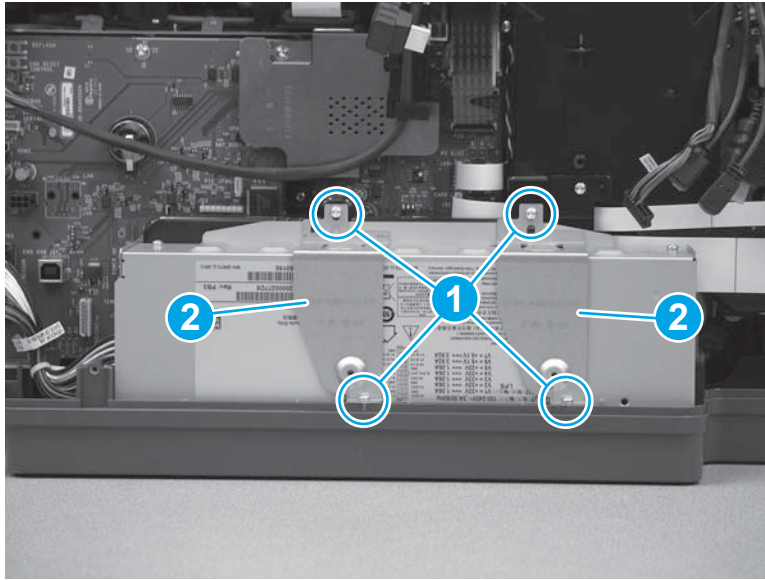
 **TIP:** This connector might take more than normal force to disconnect connect. Release a small locking tab while pulling the connector straight out to remove it.

Figure 1-758 Disconnect one connector



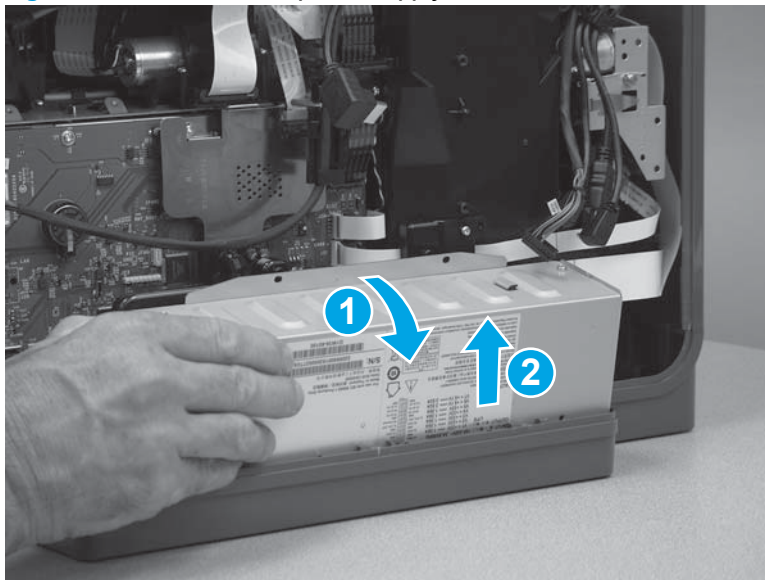
2. Remove four screws (callout 1), and then remove two brackets (callout 2).

Figure 1-759 Remove the screws and brackets



3. Slightly rotate the top of the power supply away from the printer, and then remove the assembly.

Figure 1-760 Remove the power supply



Step 7: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

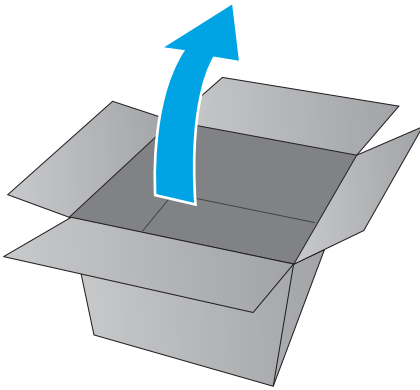
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.

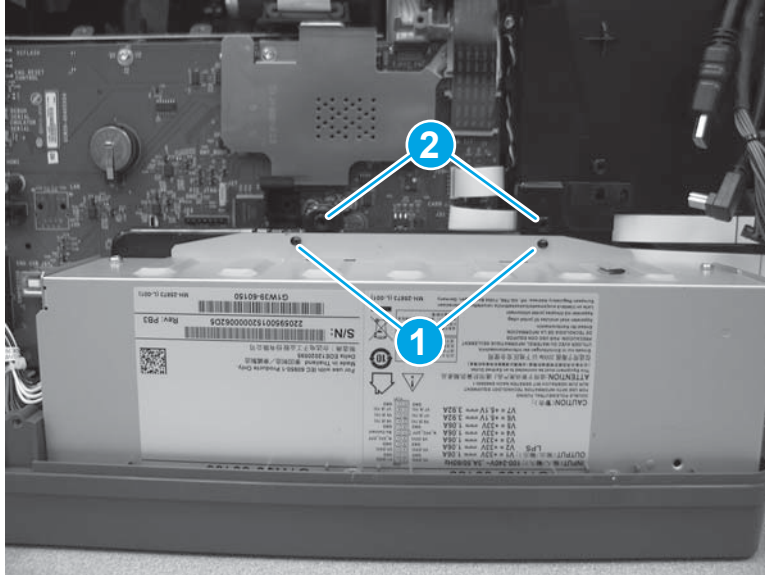


Step 8: Install the power supply

1. After installing the power supply, make sure that the locator pins fit into the holes on the assembly (callout 1).

💡 TIP: It might be easier to fit the pins in the holes if two screws (callout 2) are loosened so that the black plastic bracket behind the power supply can be adjusted.

Figure 1-761 Check the locator pins



2. Install two brackets (callout 1), and then install four screws (callout 2).


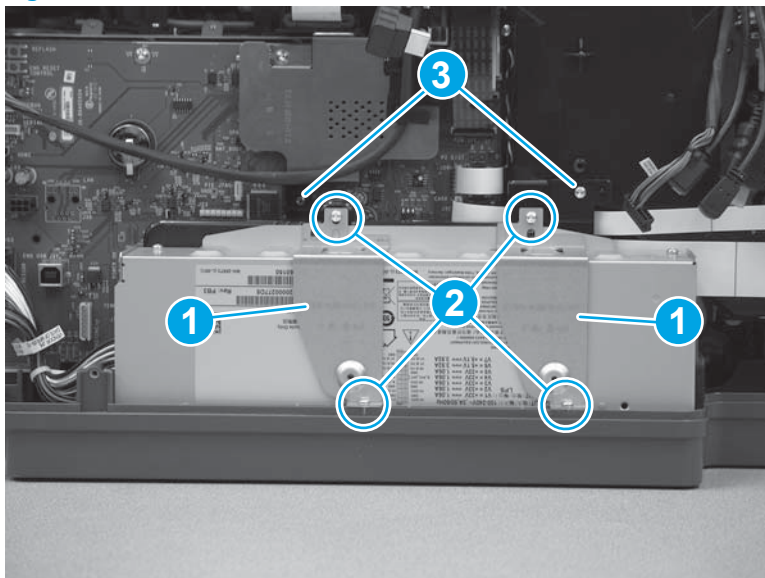
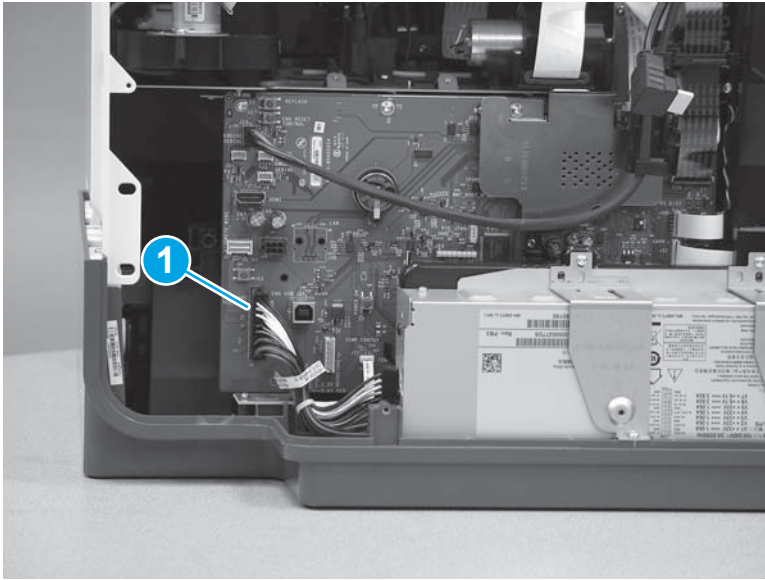
 **NOTE:** If the mounting bracket screws (callout 3) were loosened to adjust the bracket in the previous step, tighten them now.

Figure 1-762 Install brackets and screws





3. Connect one connector (callout 1).

Figure 1-763 Connect one connector



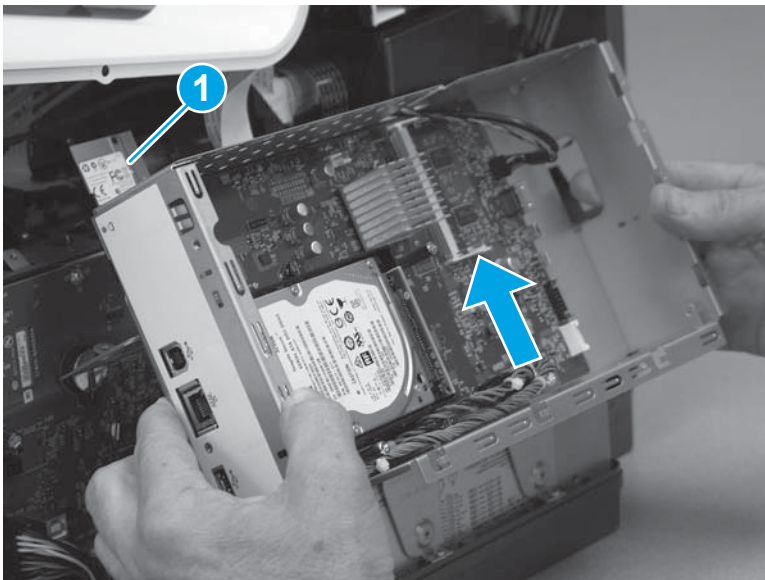
Step 9: Install the formatter and formatter cage (556)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 10: Install the formatter and formatter cage \(586\) on page 464](#).

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 10: Install the formatter and formatter cage \(586\) on page 464](#).

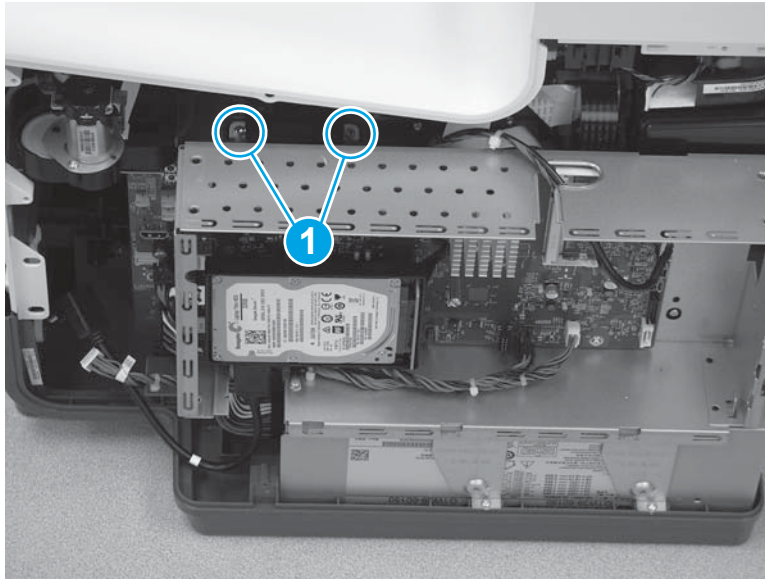
1. Install the formatter and formatter cage assembly.

Figure 1-764 Disconnect connectors



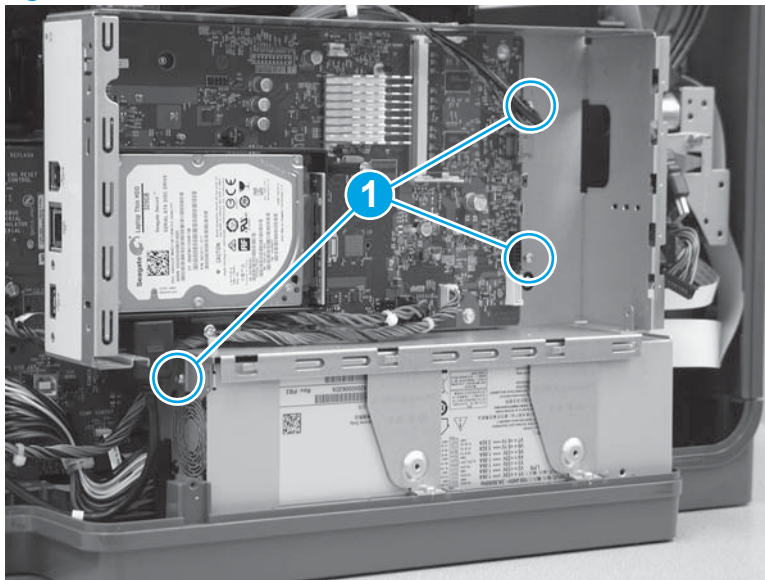
2. Install two screws (callout 1).

Figure 1-765 Install two screws



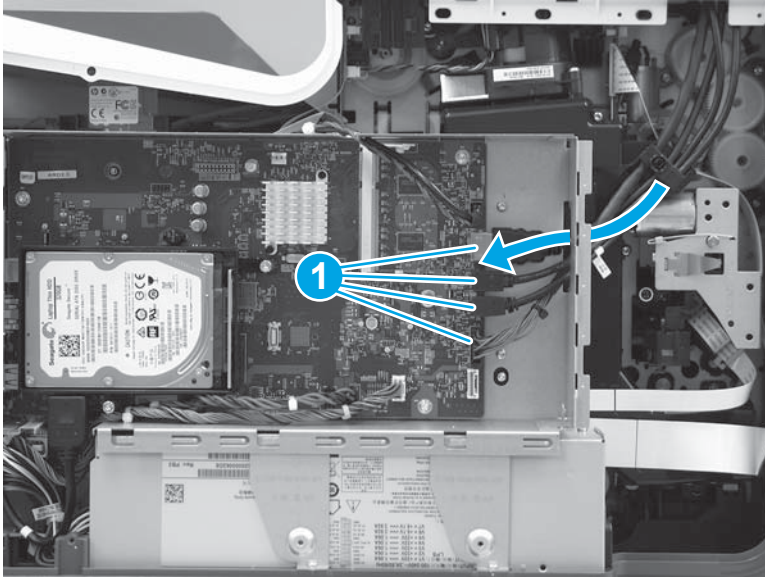
3. Install three screws (callout 1).

Figure 1-766 Install three screws



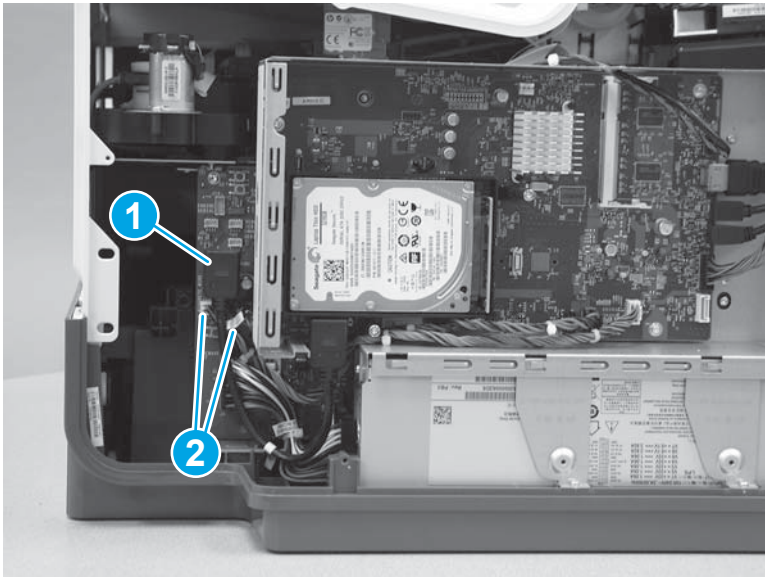
4. Pass the cables and wire harness through the opening in the formatter cage, and then connect four connectors (callout 1).

Figure 1-767 Connect connectors



5. Connect one HDMI cable (callout 1), and then connect two connectors (callout 2).

Figure 1-768 Connect connectors



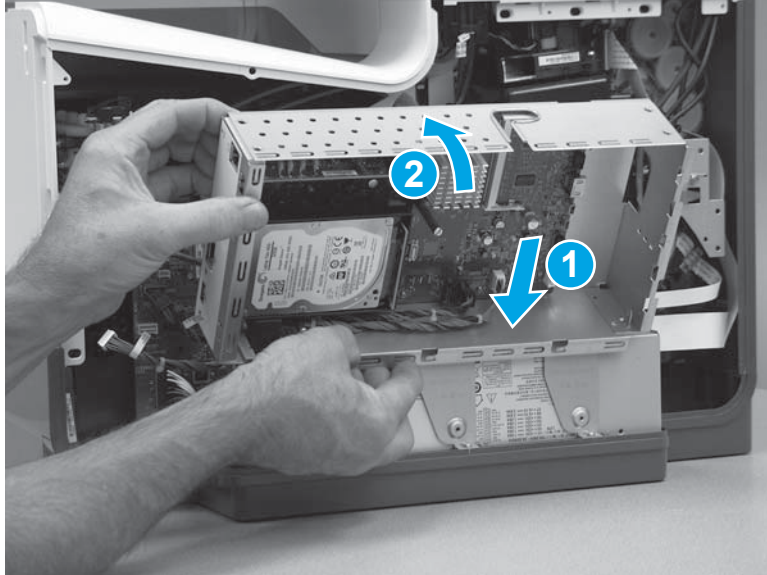
Step 10: Install the formatter and formatter cage (586)



NOTE: This step is for the 586 printer. For the 556 printer, skip this step and go to [Step 11: Install the rear cover on page 467](#).

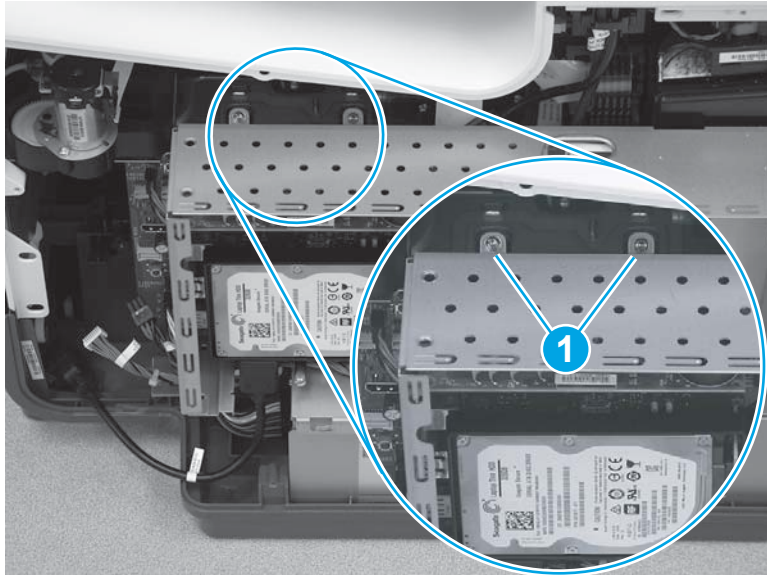
1. Install the formatter and formatter cage in the printer.

Figure 1-769 Install the formatter and cage



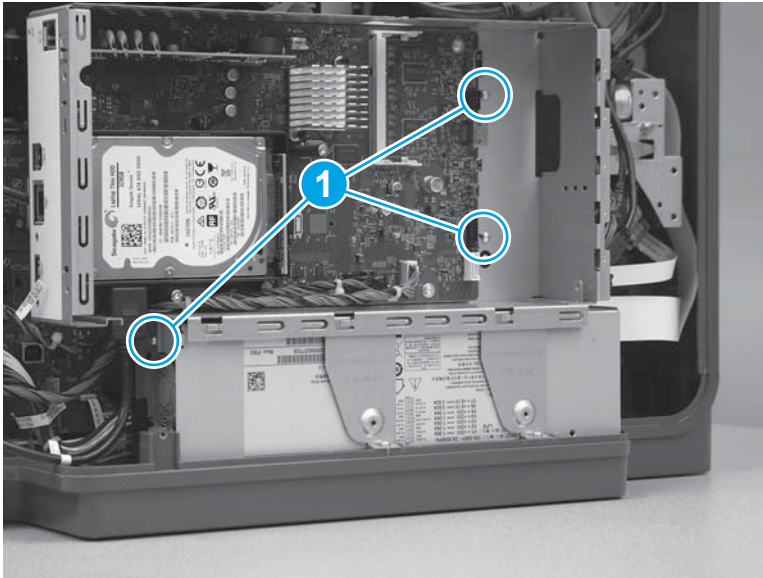
2. Install two screws (callout 1).

Figure 1-770 Install two screws



3. Install three screws (callout 1).

Figure 1-771 Install three screws



4. Pass the cables and wire harness through the opening in the formatter cage, and then connect five connectors (callout 1).


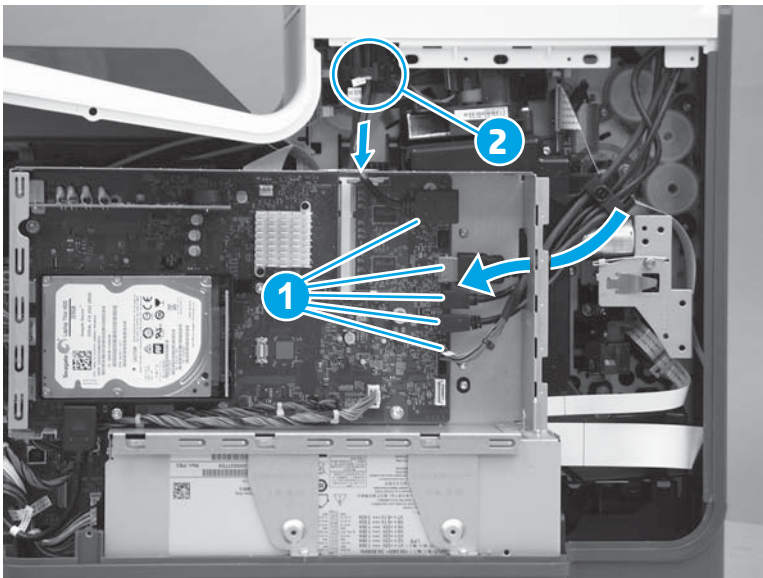
 **TIP:** The cable retainer (callout 2) is easily dislodged. Do not lose the retainer.

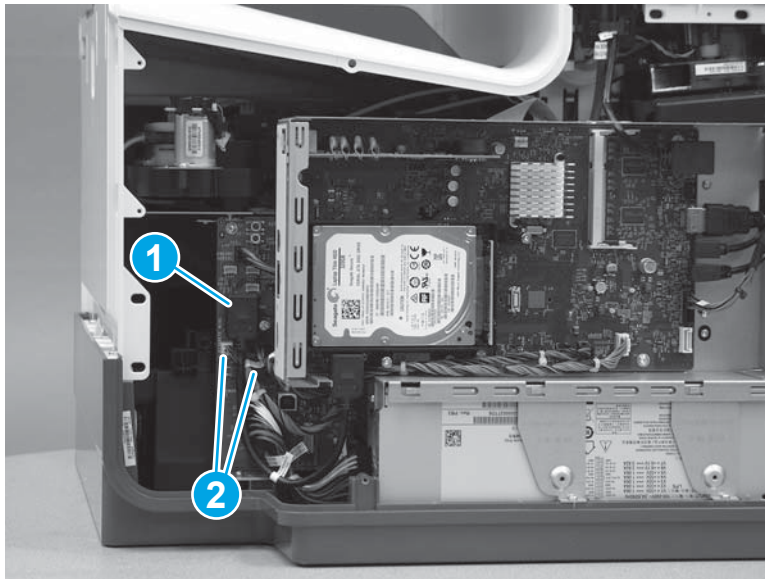
Figure 1-772 Disconnect connectors



5. Connect one HDMI cable (callout 1), and then connect two connectors (callout 2).

 **NOTE:**

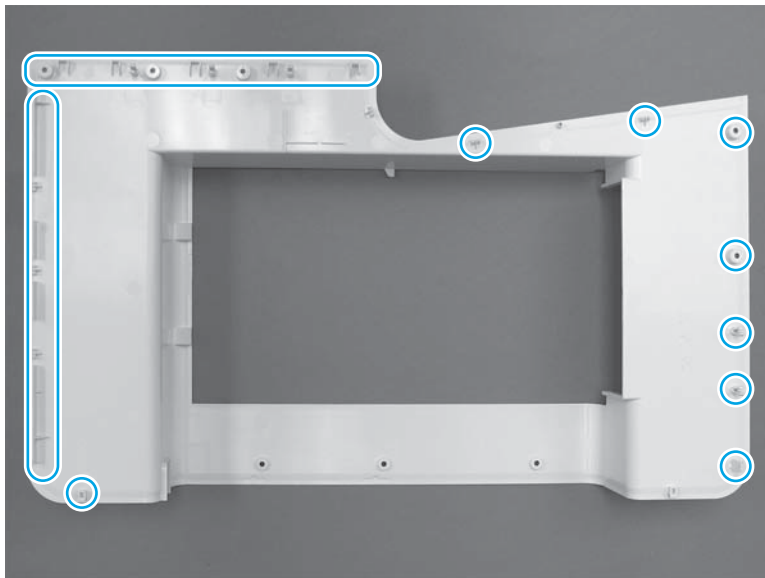
Figure 1-773 Connect connectors



Step 11: Install the rear cover

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-774 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


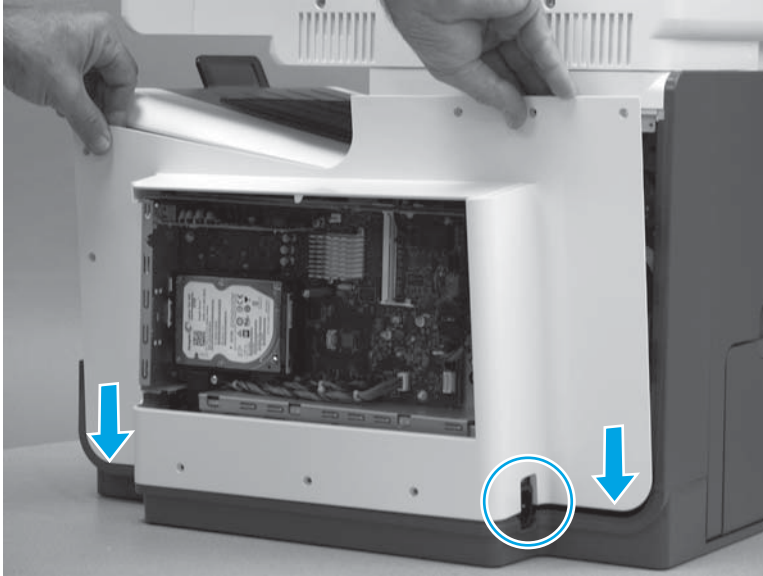
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

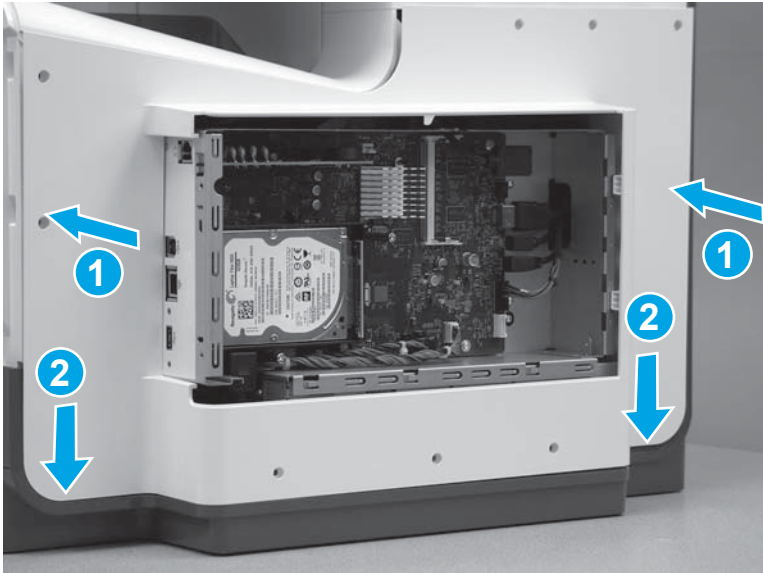
Figure 1-775 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

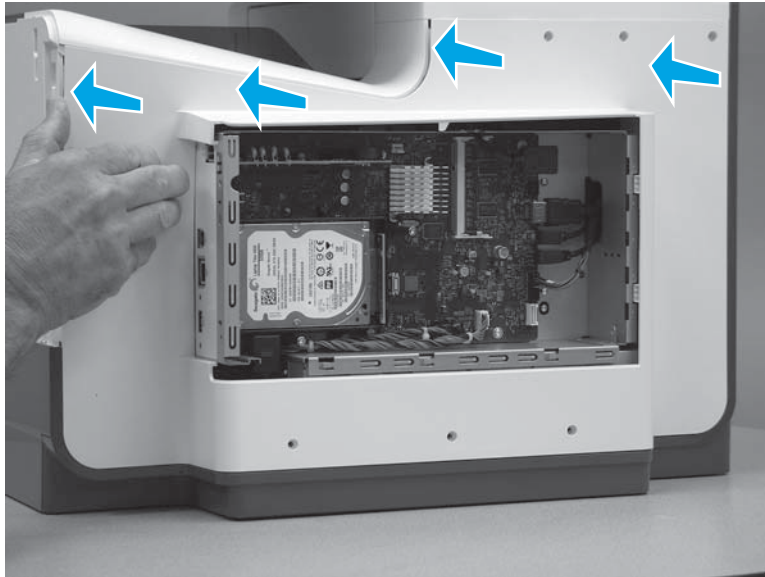
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-776 Engage the sides of the cover



4. Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

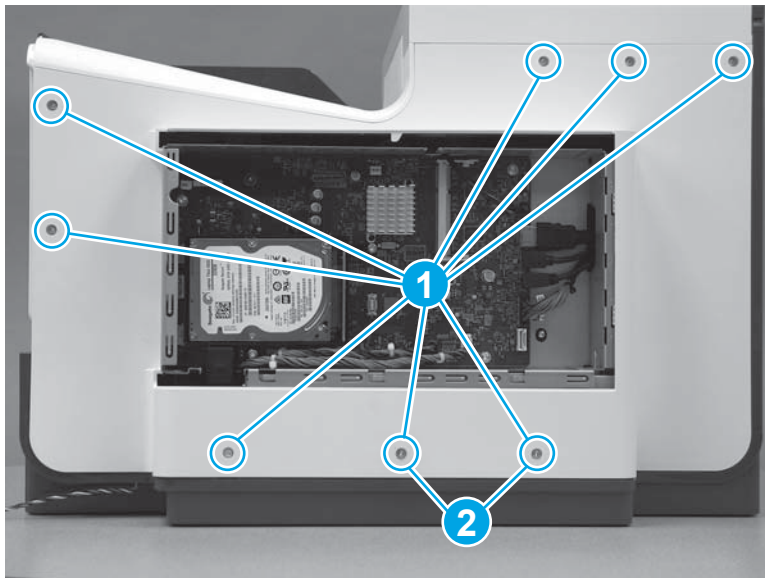
Figure 1-777 Release the top edge of the cover



5. Install eight screws (callout 1).

 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

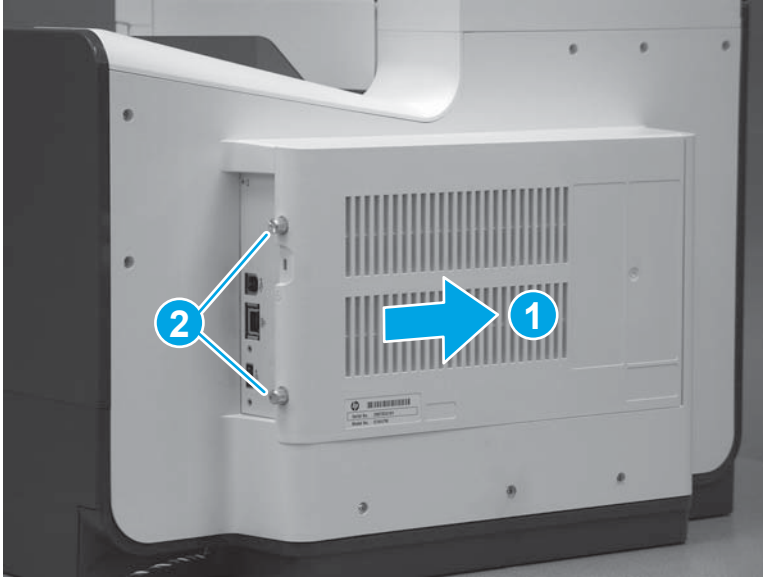
Figure 1-778 Install eight screws



Step 12: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

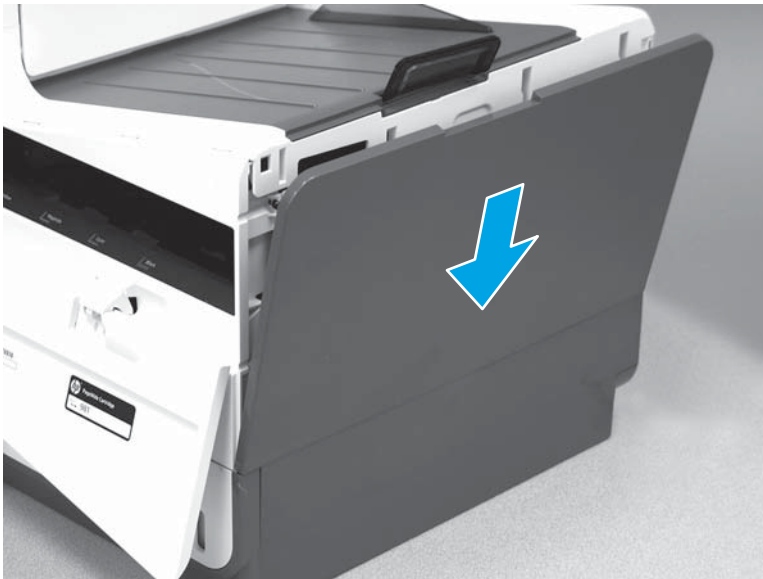
Figure 1-779 Install the formatter cover



Step 13: Install the right cover (outer)

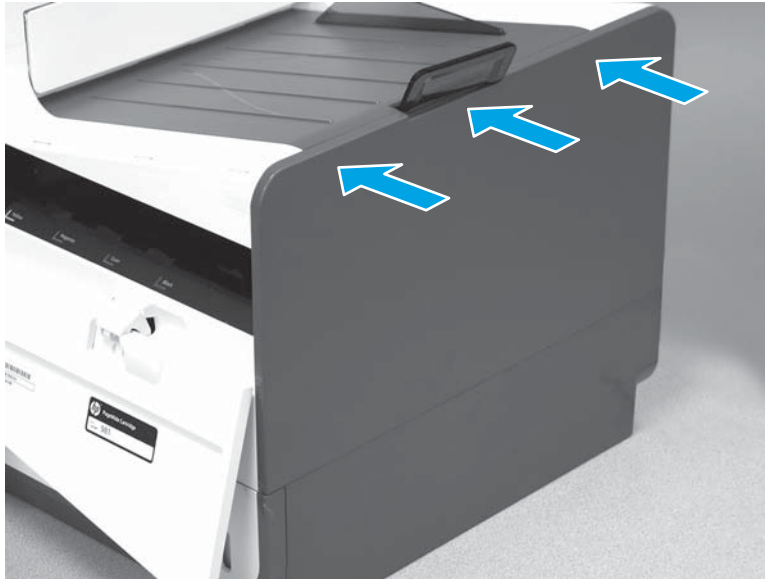
1. Position the bottom edge of the cover on the printer.

Figure 1-780 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-781 Install the right cover (outer)



Print mechanism kit (556)

- [Introduction](#)
- [Acclimation](#)
- [Installation notes](#)
- [Removal and replacement strategy](#)
- [Step 1: Unpack the Replacement Print Mechanism \(PM\)](#)
- [Step 2: Remove the right cover \(outer\) \(PM\)](#)
- [Step 3: Remove the formatter cover \(PM\)](#)
- [Step 4: Remove the rear cover \(PM\)](#)
- [Step 5: Turn the power off defective unit \(DU\)](#)
- [Step 6: Remove the formatter cover \(DU\)](#)
- [Step 7: Remove the right cover \(outer\) \(DU\)](#)
- [Step 8: Remove the rear cover \(DU\)](#)
- [Step 9: Remove the formatter and formatter cage \(DU\)](#)
- [Step 10: Remove the power supply \(DU\)](#)
- [Step 11: Remove the power supply mounting bracket \(DU\)](#)
- [Step 12: Remove the blank cover \(DU\)](#)
- [Step 13: Removal the control panel \(DU\)](#)
- [Step 14: Install the control panel \(PM\)](#)
- [Step 15: Install the blank cover \(PM\)](#)
- [Step 16: Install the power supply mounting bracket \(PM\)](#)
- [Step 17: Install the power supply \(PM\)](#)
- [Step 18: Install the formatter and formatter cage \(PM\)](#)
- [Step 19: Install the rear cover \(PM\)](#)
- [Step 20: Install the right cover \(outer\) \(PM\)](#)
- [Step 21: Install the formatter cover \(PM\)](#)
- [Step 22: Turn the power on print mechanism \(PM\)](#)
- [Step 23: Prepare the Defective Unit \(DU\) for Shipping](#)


Introduction

This document provides the procedures to install the print mechanism (PM) kit.

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.

Power supply part number	
G1W47-67901	556 Print Mechanism (PM) with instruction guide

Required tools

- Torx driver (#10) with a 152 mm (6 in) shaft and magnetized tip.
- Phillips screwdriver (#2)
- Small flat-blade screwdriver
- Flat-blade screwdriver 152 mm (6 in) shaft
- Optional: Small pliers (for holding clips during disassembly)

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 configuration page to verify printer functionality.

Acclimation


Cold temperatures can affect the print mechanism

The print mechanism kit will not operate properly below 5° C (41° F). The product control panel will display an error message.

Cold temperatures during kit storage or transportation might require extra time before installation to allow the kit and ink cartridges to adjust to a warmer temperature (acclimation). Exposure to extended periods of heat usually requires a minimal amount of acclimation time.

Exposure to extended periods of cold can cause condensation (moisture) to form on the parts when moved into warmer areas. Condensation indicates the need for an acclimation period until the condensation disappears. Exposure to extended cold (below 0° C (32° F)) can cause the ink inside the kit to freeze. The kit and ink cartridges were designed to be exposed to freezing temperatures without being damaged. However, if

the ink is frozen and cannot flow properly during installation or during printing, errors might be reported on the control panel or print quality might be poor, or possible damage will occur.

 **CAUTION:** When unsure if the kit and ink cartridges need to be acclimated, always proceed as if they do need to be acclimated. Acclimation will not damage these kits, but the failure to acclimate them can cause errors or print quality issues, or possible damage can occur.

Acclimation process

1. Unpack the kit.
2. Open the doors or remove the covers, and pull out the input tray.
3. Leave the kit in the repair area until there is no visible condensation before proceeding with installation.

The print mechanism kit might need 2 to 4 hours to thaw depending on how frozen the shipping fluid is. The shipping fluid is contained in the printbar, which is inside the print mechanism kit assembly.

The product might display error codes if there is an attempt to install a kit that is not acclimated completely.


Ink cartridge acclimation

Unpack the ink cartridges. It is important to remove the ink cartridges from their packaging and to separate them to speed the acclimation process. The packaging will act as an insulation barrier and prevent frozen ink from thawing quickly.

The ink cartridges might need 2 to 4 hours to thaw, depending on how frozen the ink is.

Move the ink cartridges into a warmer area and keep them separated to accelerate the thawing process.


Do not install ink cartridges that show visible condensation on the outside walls.


 **CAUTION:** Check each ink cartridge's electrical connection (gold colored contacts) for condensation before installing them. Remove condensation by carefully blotting the electrical connections with a lint-free cloth. To prevent damage, do not wipe or drag the cloth across the connections.

Installation notes

Keep the packaging

Do not destroy the box in which the new mechanism kit was shipped. You will use the box to return the defective mechanism.

 **NOTE:** If the customer has activated the anti-theft feature on the ink cartridges, those cartridges must be installed into the new print mechanism (PM) after the initial purge and calibration – which uses the startup cartridges– but before 15 pages are printed on the new mechanism.

 **NOTE:** Do not power on the new print mechanism with any formatter other than the formatter from the defective unit (DU). Using another formatter will cause data loss and require another replacement print mechanism kit.

Necessary tools and the PM process

To make the replacement print mechanism (PM) operational, remove the following assemblies from the defective unit (DU) and then install them on the PM.

PM Process

- Formatter cover
- Formatter and formatter cage (and any installed accessories)
- Power supply (and brackets)
- Blank cover
- Control panel

Required tools

This process requires the following tools:

- Torx driver (#10) with a 152 mm (6 in) magnetized tip
- Phillips screwdriver (#2)
- Small flat-blade screwdriver
- Optional: Small pliers (for holding clips during disassembly)

Removal and replacement strategy

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.

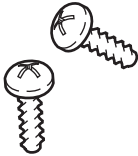
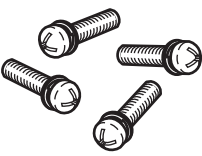
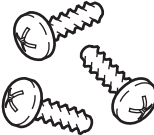

Tracking fasteners used in this printer

Create a matrix to keep track of screws as they are removed during printer disassembly.

1. Draw a series of boxes on a blank sheet of paper.
2. When removing screws, write the removal step number in one of the squares, and place the screws in that square.

For example, in the figure below steps 4, 7, 9 and 10.2 are screw removal steps.

Figure 1-782 Tracking fasteners

4	7	9	10.2
			

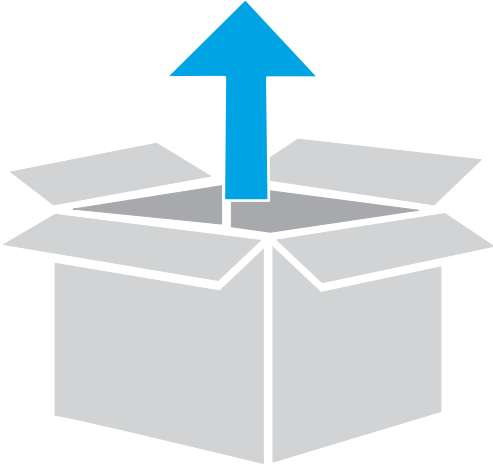
3. Screw installation steps include a reference to the step where the screws were removed. Match the referenced step number to the corresponding matrix box, and use those screws to install the assembly. This method makes sure that the correct type and size screw is correctly installed during reassembly.

Step 1: Unpack the Replacement Print Mechanism (PM)

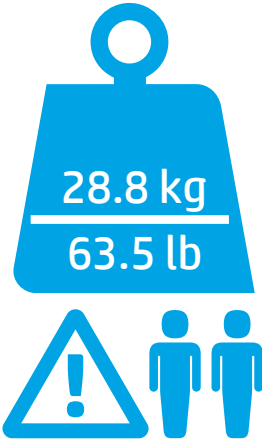
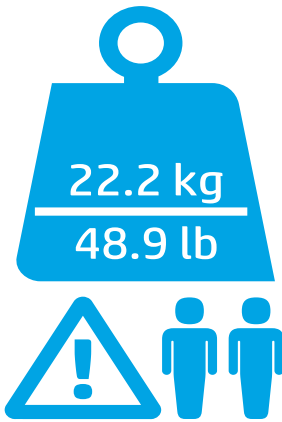
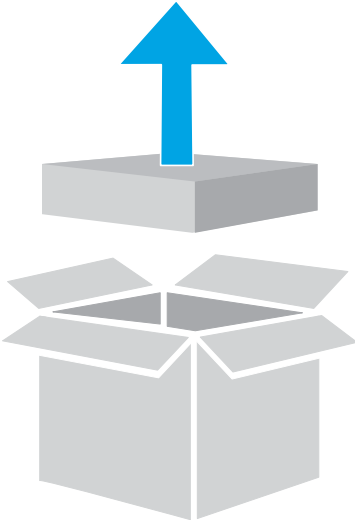
1. Remove the replacement PM from the box by lifting it out by the bag around it.

Figure 1-783 Unpack the Replacement PM


556dn



556xh



2. Remove all the blue shipping tape.

 **IMPORTANT:** The replacement PM shown is the 586. For the 556, the shipping tape has identical placement (except for the tape on the top cover).


 **NOTE:** The shipping tape is reusable. Use the shipping tape from the replacement print mechanism (PM) to prepare the defective unit (DU) for shipping.

Figure 1-784 Remove the shipping tape



3. Remove the cartridge orange shipping restraint insert that is recessed in the cartridge cavity and the blue print-head restraint.


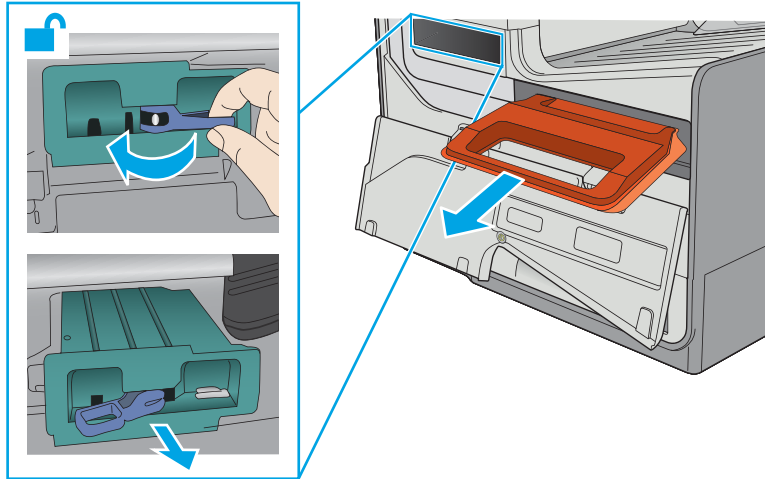
 **NOTE:** The restraint insert and print-head restraint are reusable. Use the shipping restraint and print-head restraint from the replacement print mechanism (PM) to prepare the defective unit (DU) for shipping.

Figure 1-785 Remove the shipping restraint and the print-head restraint



4. Install the startup cartridges included with the kit and load paper into Tray 2.

 **NOTE:** Adjust the sliding paper guides to the correct paper size for this tray.


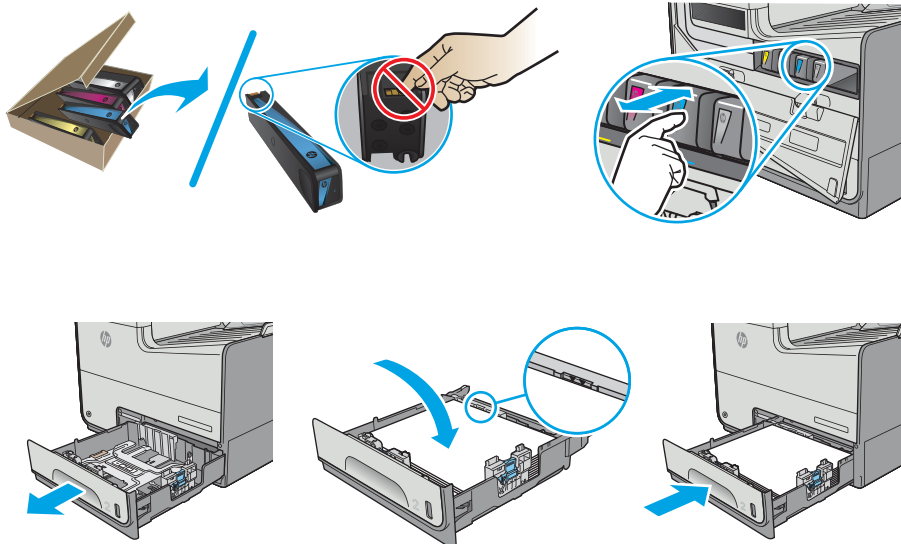
 **TIP:** Leave the cartridge door open to make removing the right cover easier.

Figure 1-786 Install the startup cartridges



Step 2: Remove the right cover (outer) (PM)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


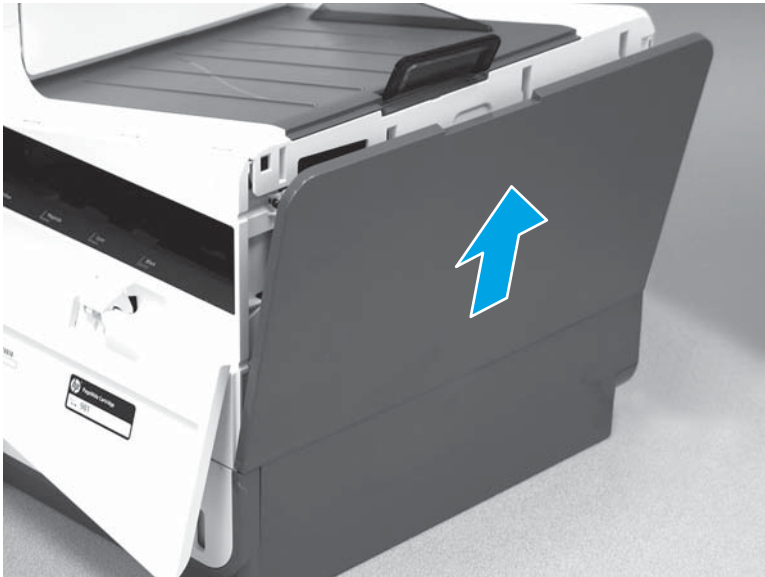
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-787 Release the right cover (outer)




2. Slide the cover up and away from the printer to remove it.

Figure 1-788 Remove the right cover (outer)

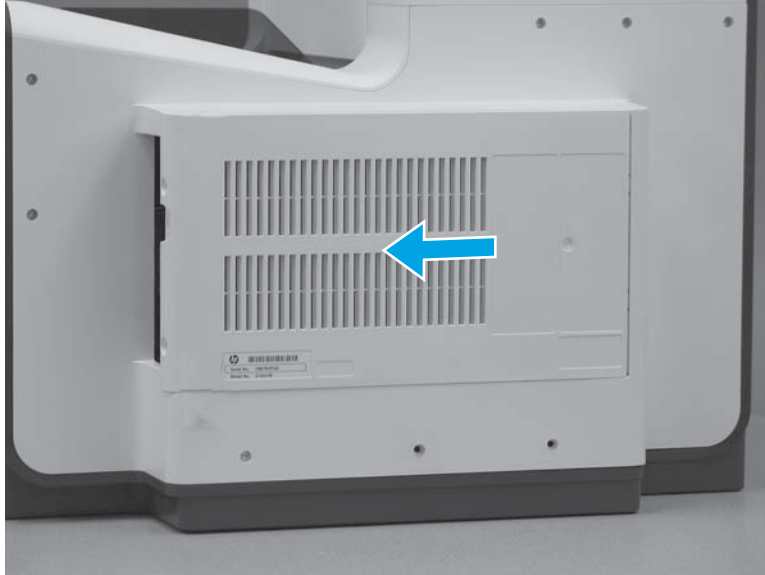


Step 3: Remove the formatter cover (PM)

 **NOTE:** This cover might have come off when the blue shipping tape was removed earlier after unpacking the PM. If so, skip this step.

- ▲ If installed, slide the formatter cover away from the PM to remove it.

Figure 1-789 Remove the formatter cover (PM)

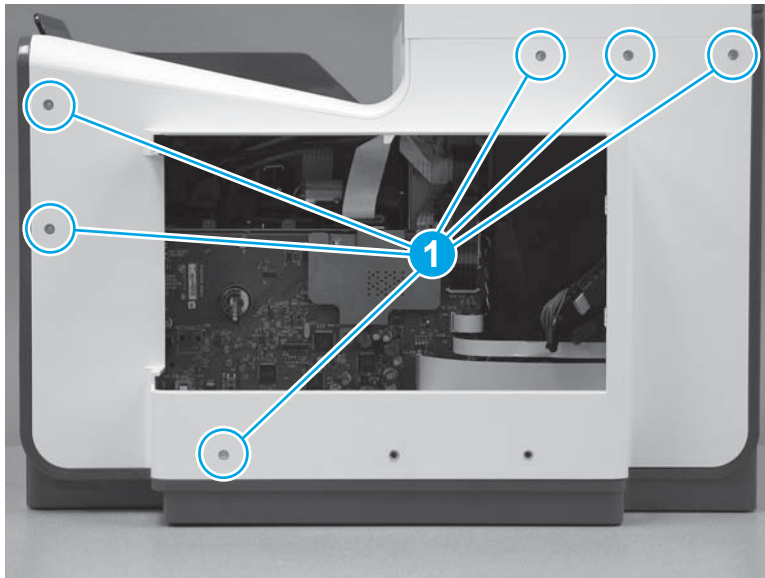


Step 4: Remove the rear cover (PM)

This cover might have come off when the blue shipping tape was removed earlier after unpacking the PM. If so, skip this step.

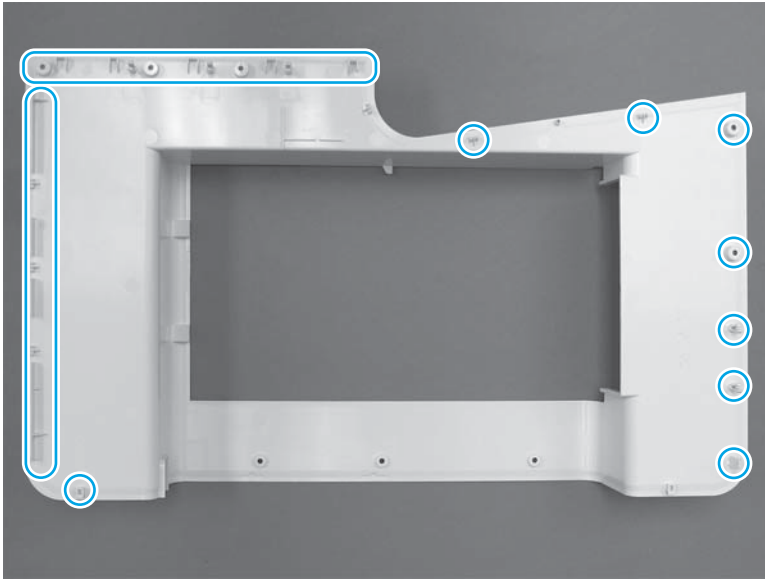
1. Remove six screws (callout 1).

Figure 1-790 Remove six screws



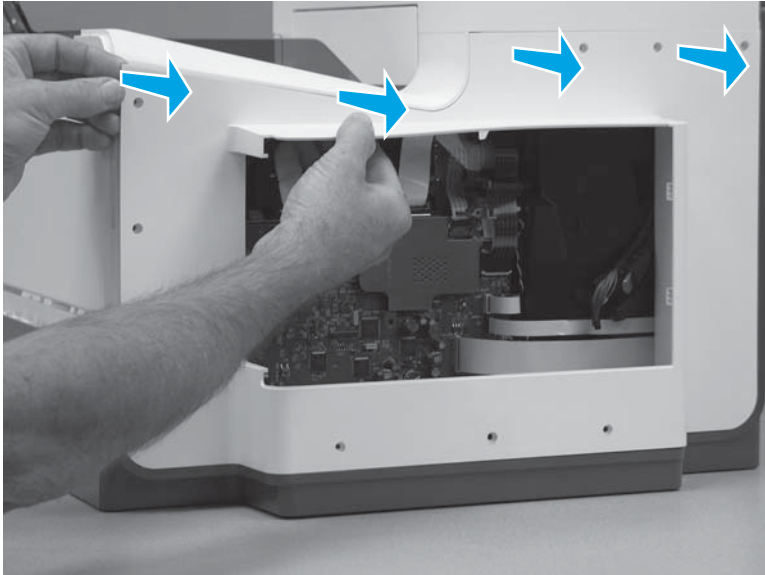
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-791 Find the tabs and bosses on the rear cover



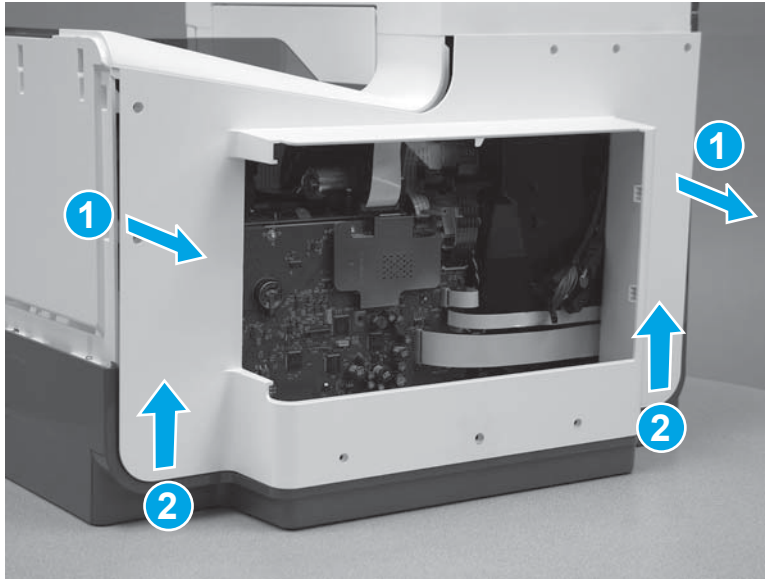
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-792 Release the top edge of the cover



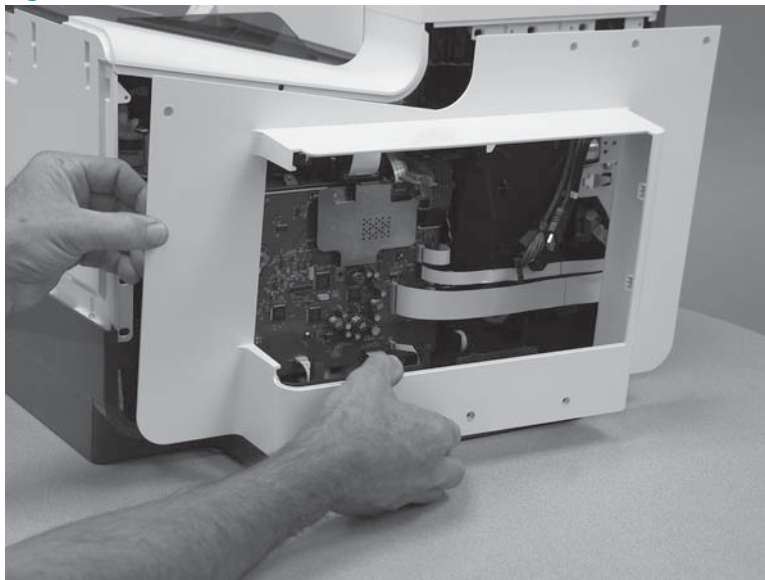
4. Release the bosses along the right and left side of the cover, and then lift it straight up to release it.

Figure 1-793 Release the rear cover (PM)




5. Remove the cover.

Figure 1-794 Remove the rear cover (PM)



Step 5: Turn the power off defective unit (DU)

- ▲ Turn the power off and disconnect all interface and power cables (DU).

 **NOTE:** Remove the ink cartridges.

Insert the orange shipping cartridge restraint from the replacement print mechanism kit (PM) into the defective unit (DU).


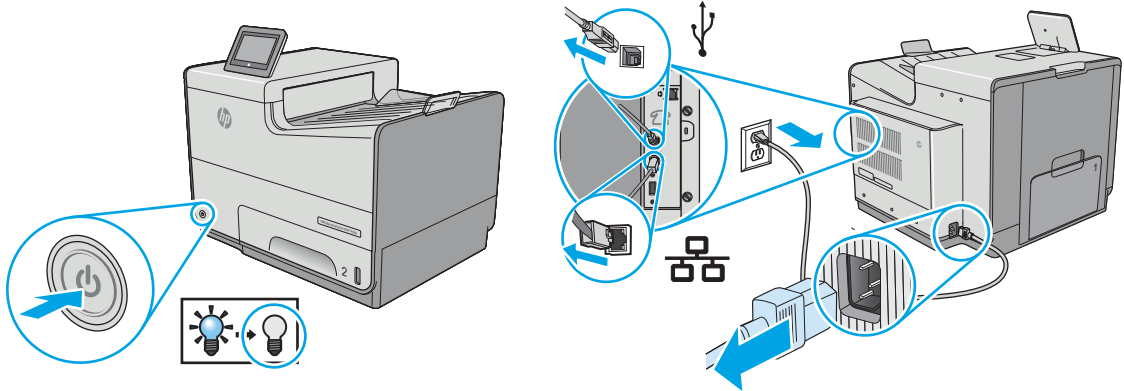
 **TIP:** Retain the cartridges removed from the DU for use after the STARTUP cartridges are depleted.

Figure 1-795 Turn the power off (DU)



Step 6: Remove the formatter cover (DU)

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


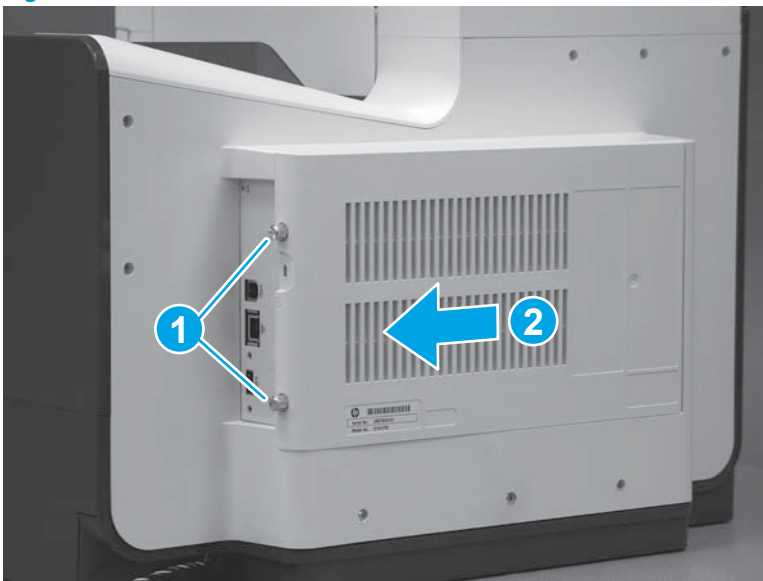
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-796 Remove the formatter cover



Step 7: Remove the right cover (outer) (DU)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


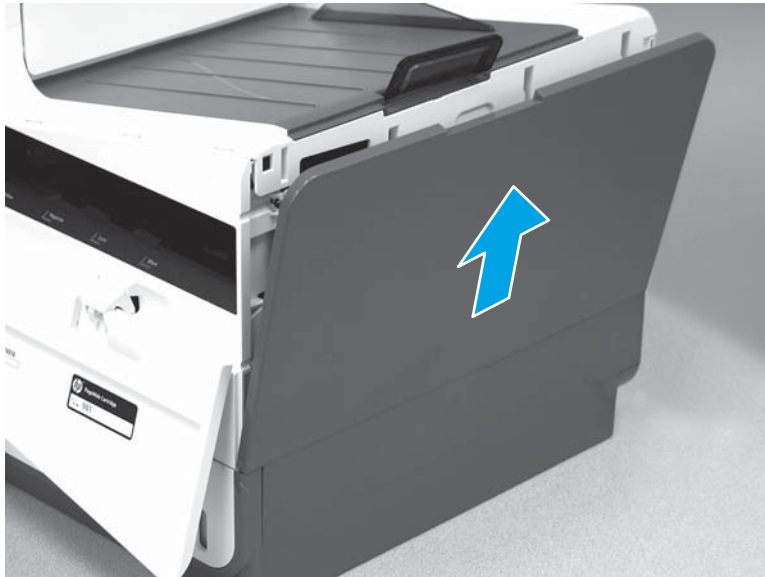
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-797 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-798 Remove the right cover (outer)



Step 8: Remove the rear cover (DU)

1. Remove eight screws (callout 1).


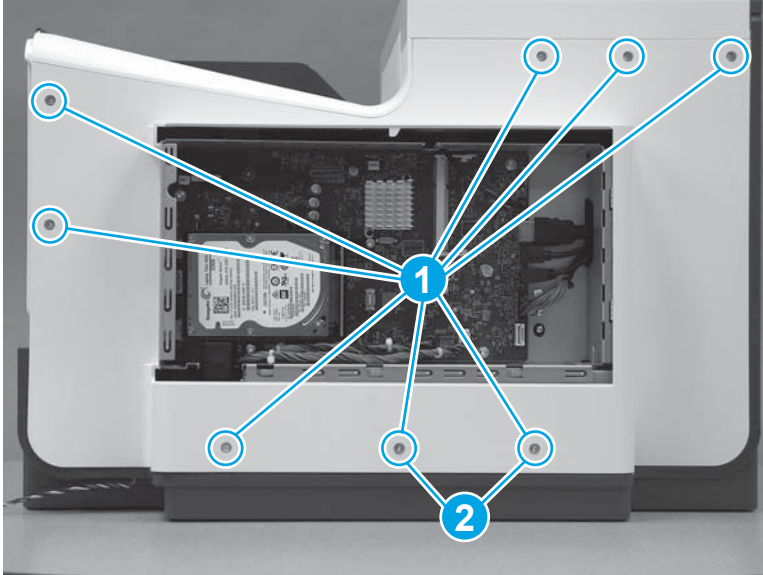
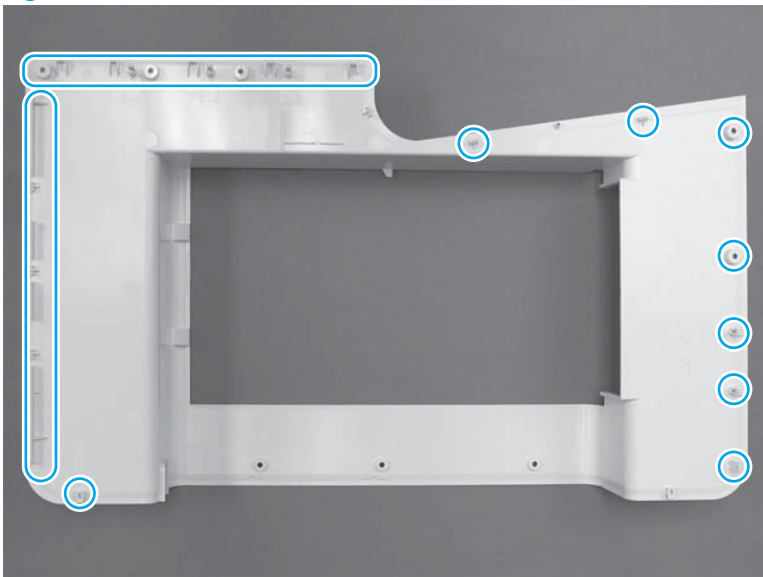
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-799 Remove eight screws



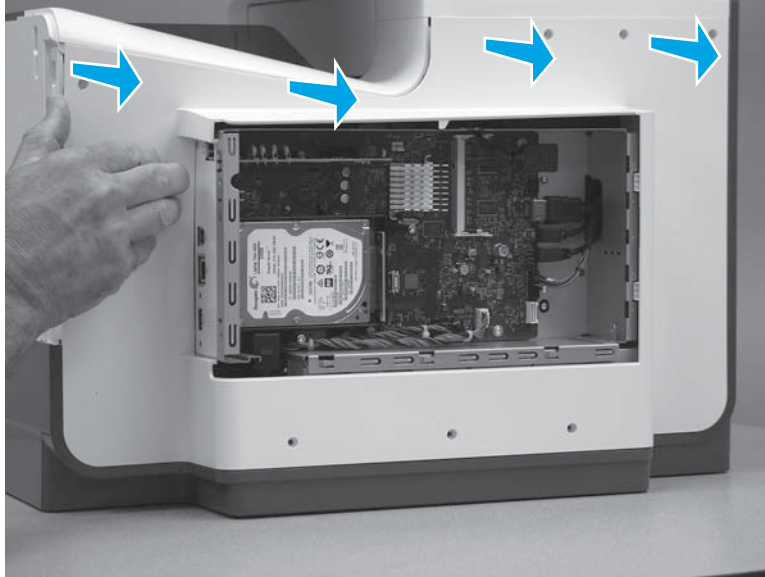
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-800 Find the tabs and bosses on the rear cover



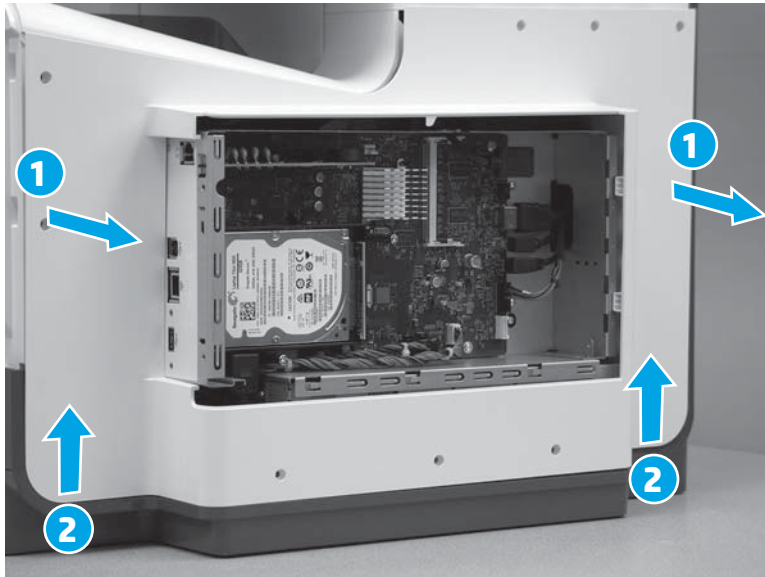
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-801 Release the top edge of the cover



4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

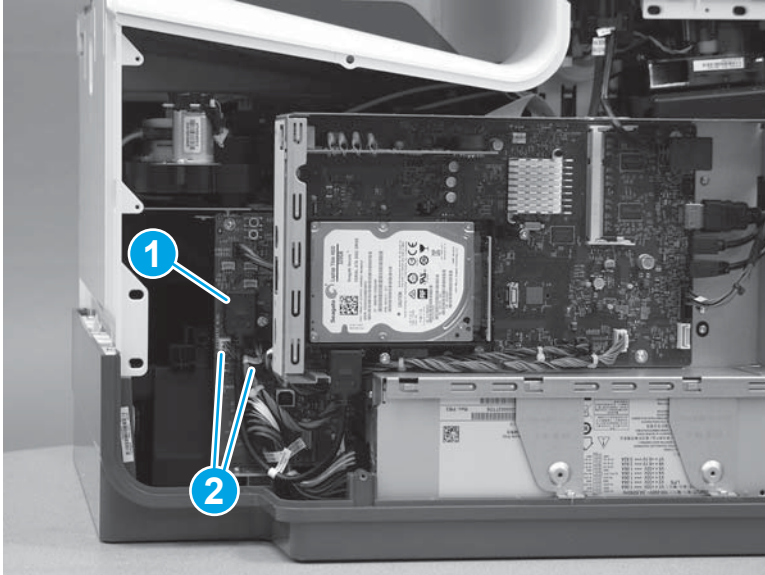
Figure 1-802 Remove the rear cover



Step 9: Remove the formatter and formatter cage (DU)

1. Disconnect one HDMI cable (callout 1), and then disconnect two connectors (callout 2).

Figure 1-803 Disconnect connectors



2. Disconnect five connectors (callout 1), and then pass the cables and wire harness through the openings in the formatter cage.


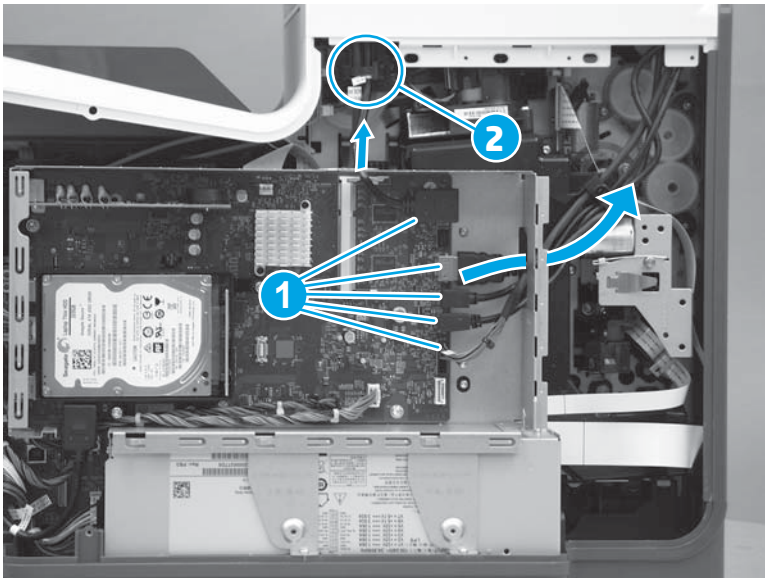
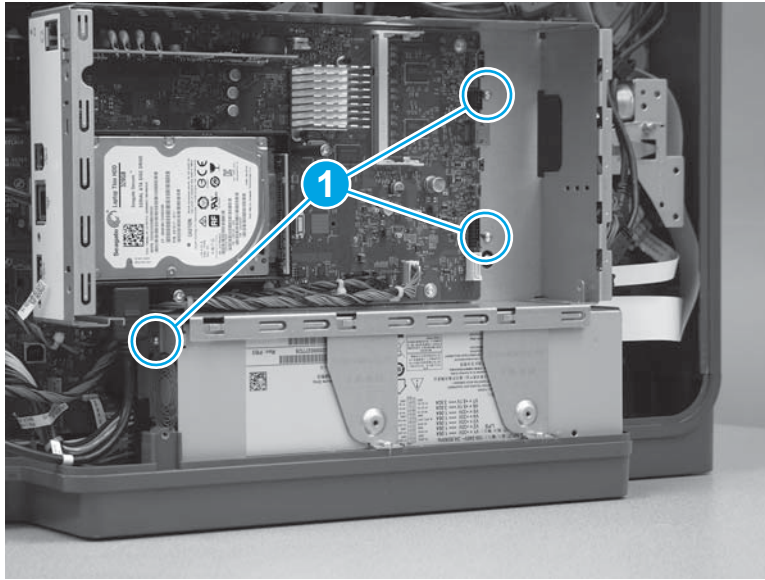
 **TIP:** The cable retainer (callout 2) is easily dislodged. Do not lose the retainer.

Figure 1-804 Disconnect connectors



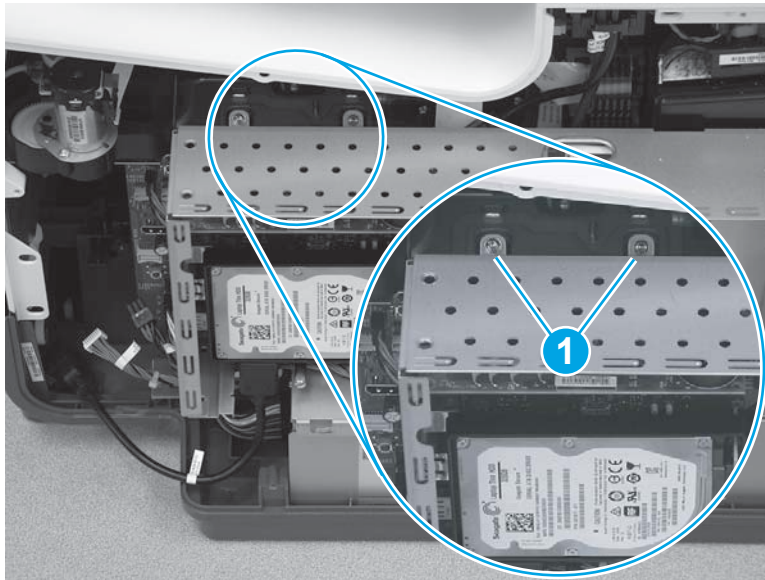
3. Remove three screws (callout 1).

Figure 1-805 Remove three screws



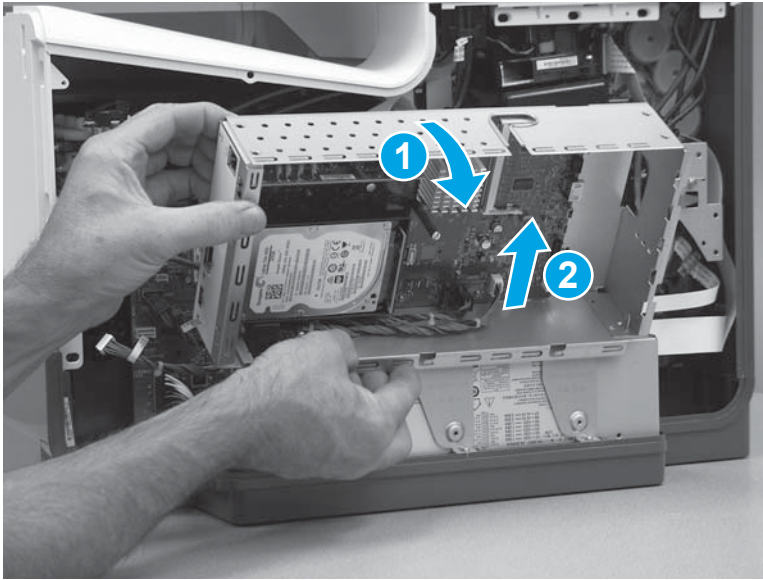
4. Remove two screws (callout 1).

Figure 1-806 Remove two screws



5. Rotate the top of the assembly out and away from the printer, and then remove the assembly.

Figure 1-807 Remove the formatter and cage



Step 10: Remove the power supply (DU)

1. Disconnect one connector (callout 1)


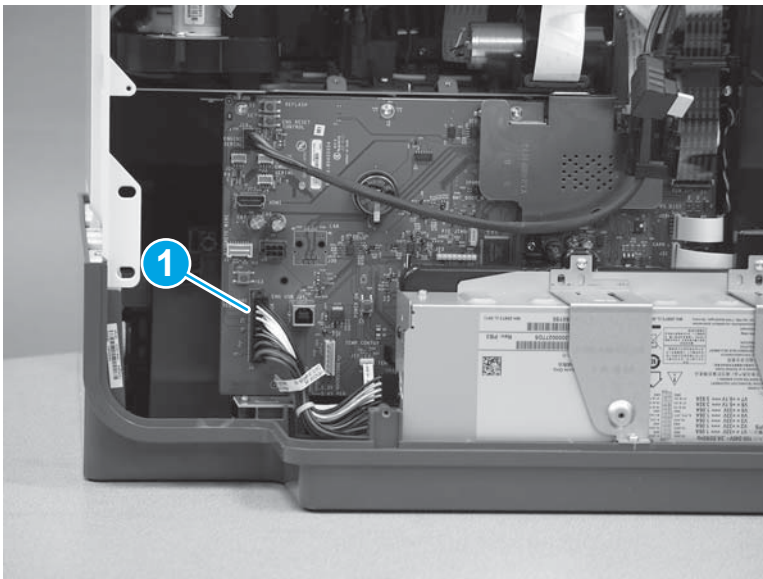
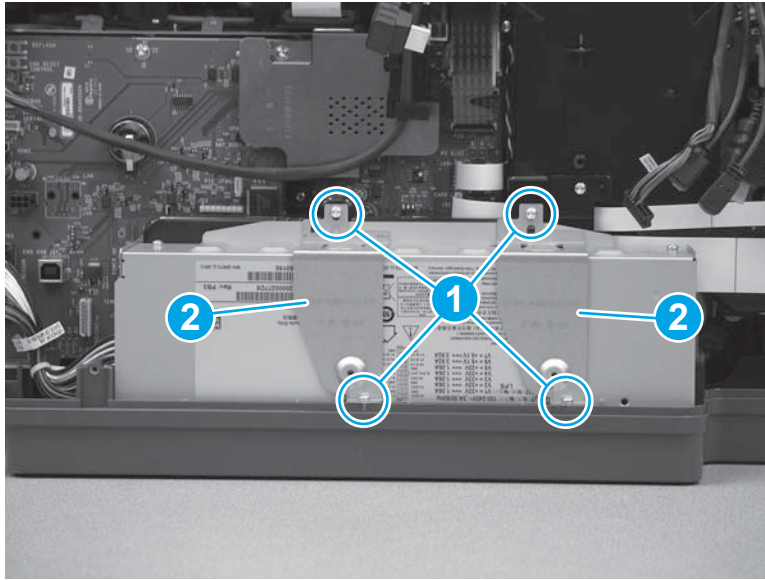
 **TIP:** This connector might take more than normal force to disconnect connect. Release a small locking tab while pulling the connector straight out to remove it.

Figure 1-808 Disconnect one connector



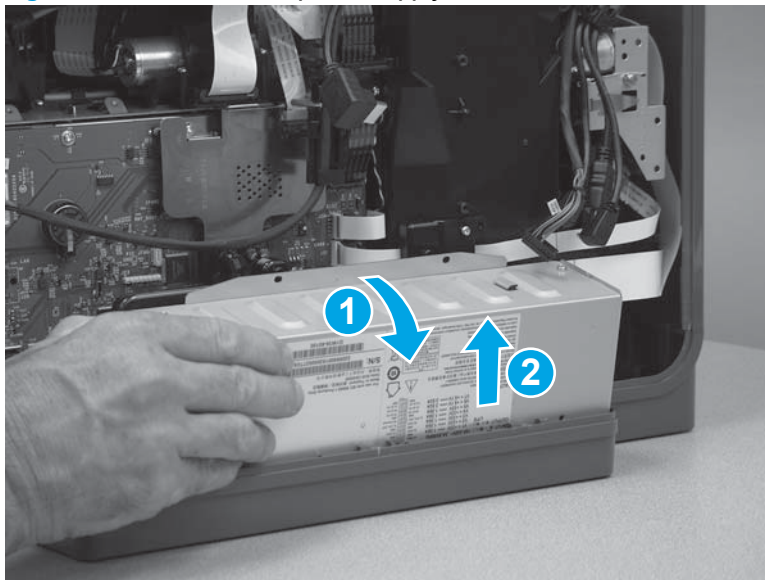
2. Remove four screws (callout 1), and then remove two brackets (callout 2).

Figure 1-809 Remove the screws and brackets



3. Slightly rotate the top of the power supply away from the printer, and then remove the assembly.

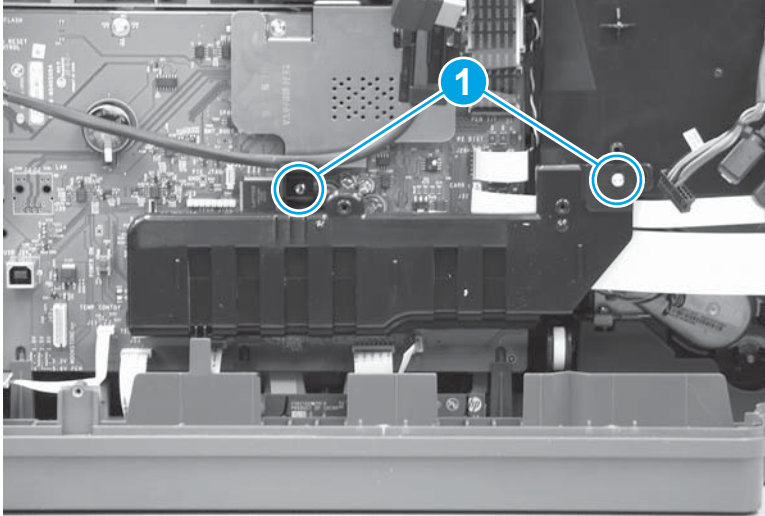
Figure 1-810 Remove the power supply



Step 11: Remove the power supply mounting bracket (DU)

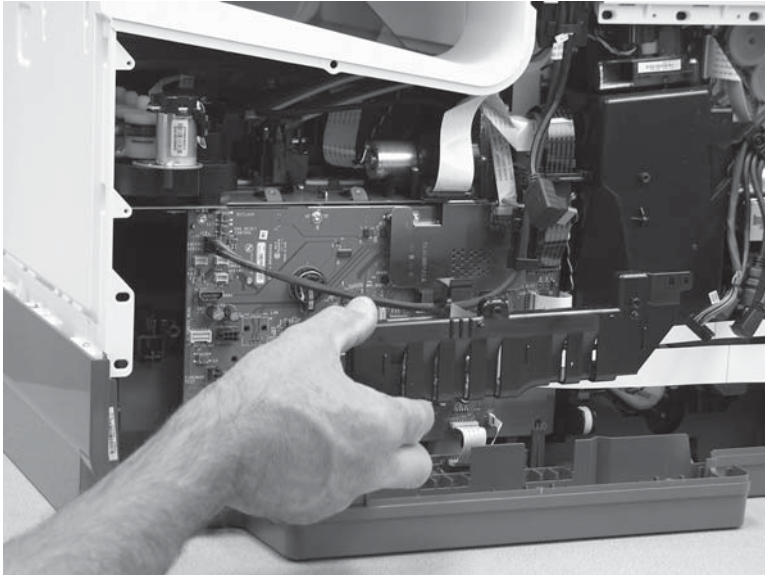
1. Remove two screws (callout 1).

Figure 1-811 Remove two screws



2. Remove the bracket.

Figure 1-812 Remove the bracket



Step 12: Remove the blank cover (DU)

1. Open the blank cover.


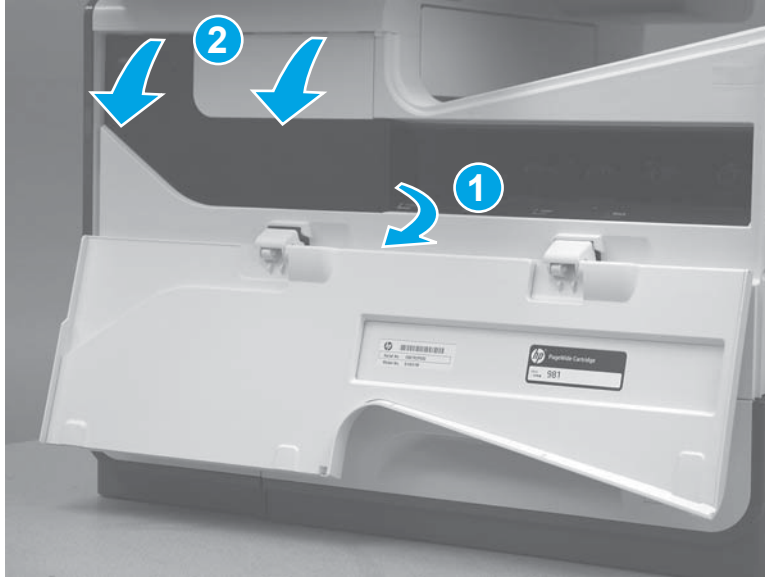
 **IMPORTANT:** The blank cover carries a serial number sticker. The cover/sticker must be transferred to the replacement print mechanism (PM).

Figure 1-813 Open the blank cover



2. Slide the cover to the right to release the right-side hinge.


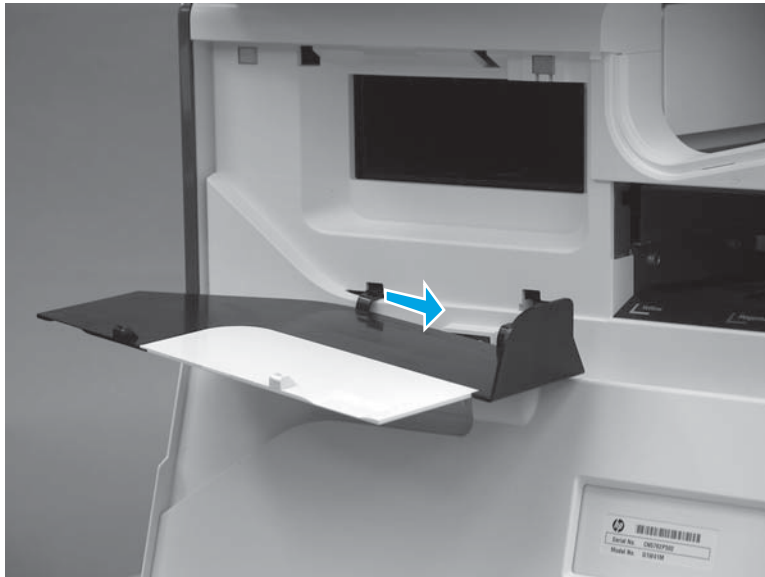
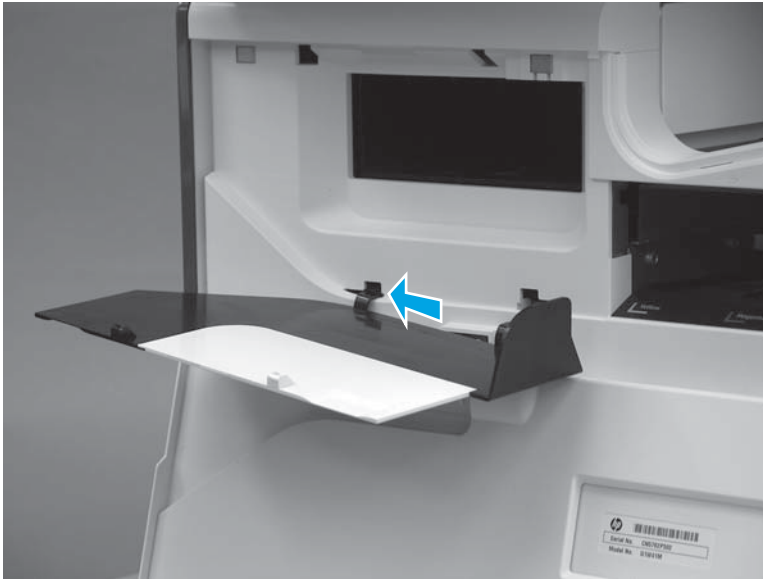
 **NOTE:** Slightly flexing the hinge makes releasing it easier.

Figure 1-814 Slide the cover to the right



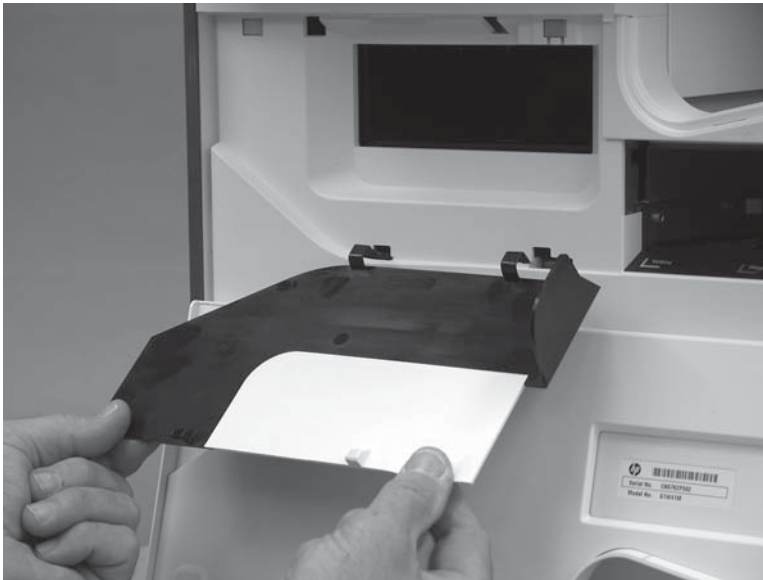
3. Slide the cover to the left to release the left-side hinge.

Figure 1-815 Slide the cover to the left



4. Remove the blank cover.

Figure 1-816 Remove the blank cover



Step 13: Removal the control panel (DU)

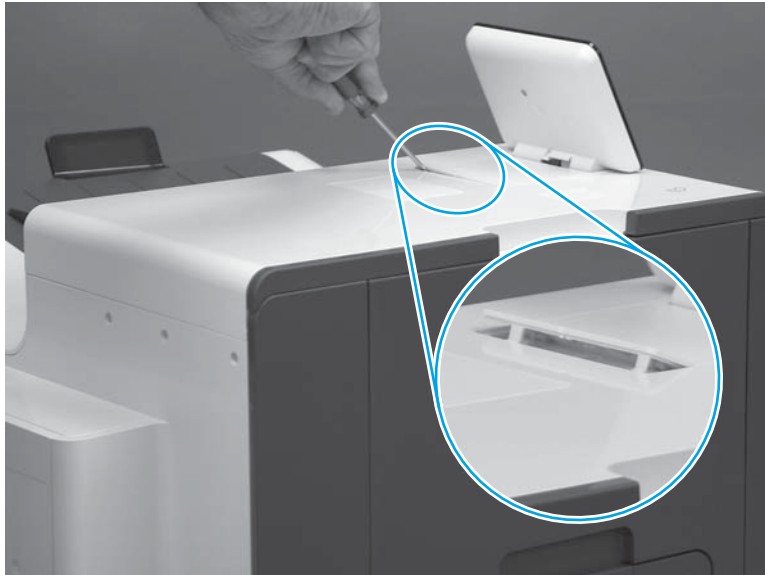
1. Tilt the control panel to the fully raised position.

Figure 1-817 Tilt the control panel up



2. Insert a small flat-blade screwdriver into the notch in the cover, and then carefully pry up the cover to release it. Remove the cover.

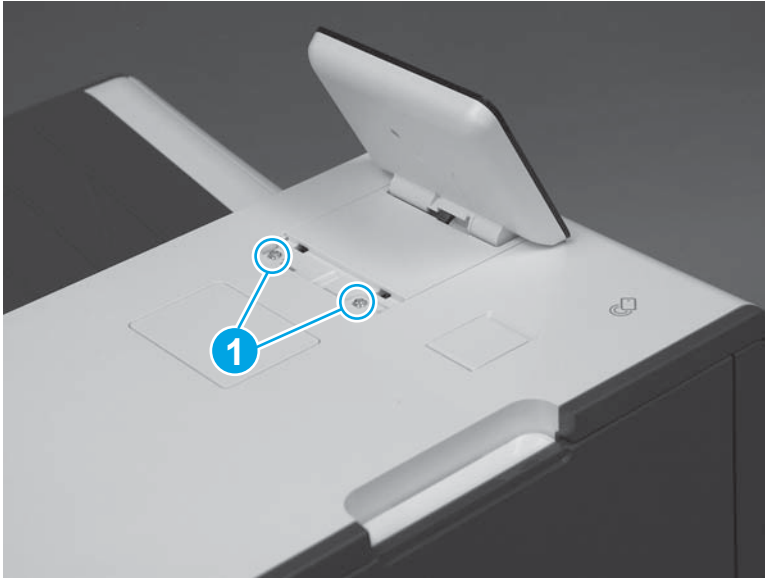
Figure 1-818 Release two tabs



3. Remove two # 10 torx screws (callout 1).

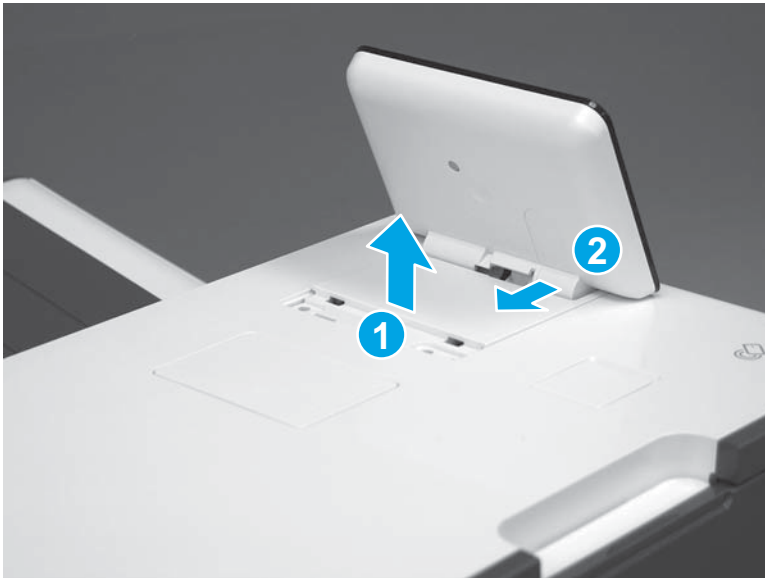
⚠ CAUTION: Store the screws in a secure place where they cannot fall down into the printer.

Figure 1-819 Remove two screws



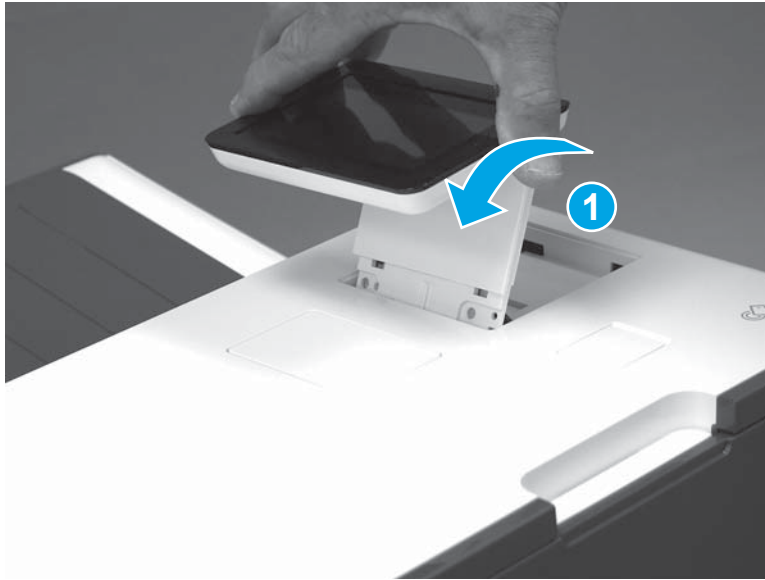
4. Lift up the rear edge of the control panel (callout 1), and then slightly slide it toward the rear of the printer (callout 2) to release the front tabs.

Figure 1-820 Release the control panel over



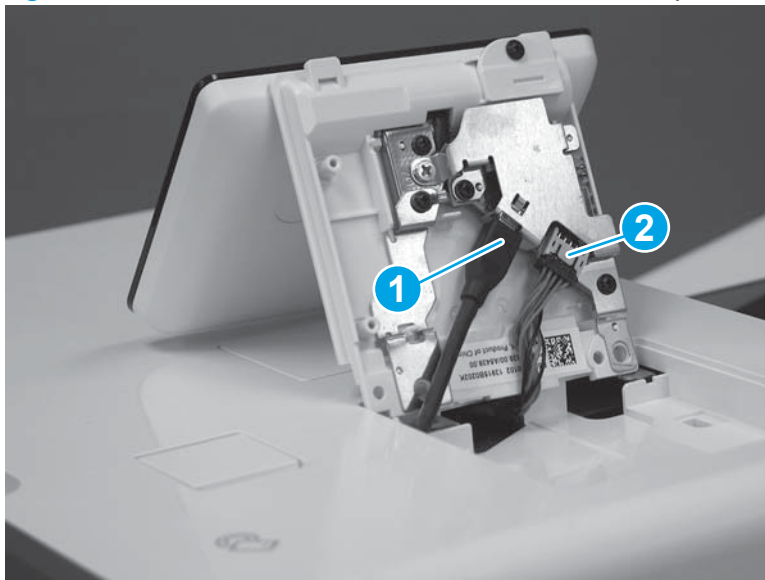
5. Turn the control panel over (callout 1), to gain access to the bottom side.

Figure 1-821 Turn the control panel over



6. Disconnect one HDMI cable (callout 1) and one connector (callout 2), and then remove the control panel.

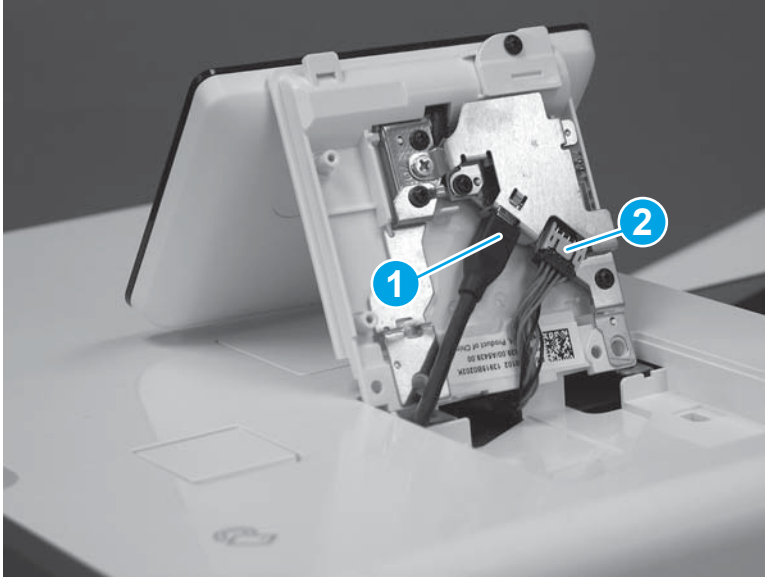
Figure 1-822 Disconnect connectors and remove the control panel



Step 14: Install the control panel (PM)

1. Connect one HDMI cable (callout 1) and one connector (callout 2).

Figure 1-823 Connect cables



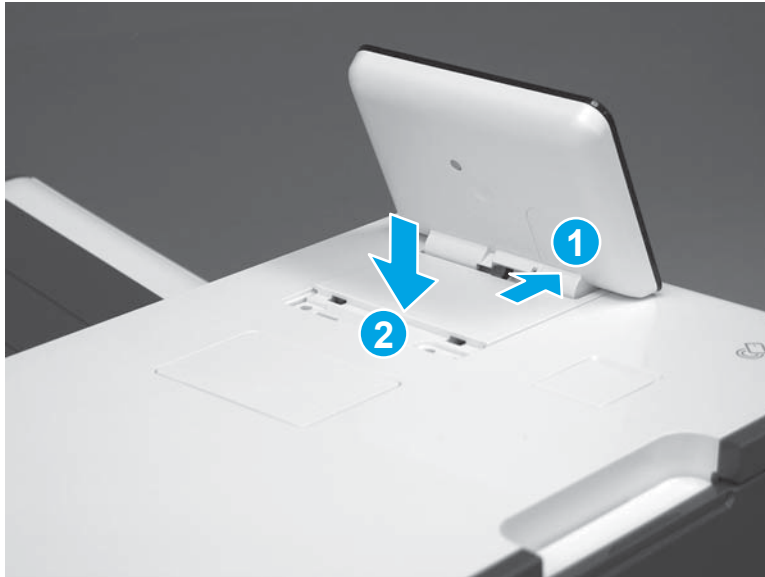
2. Install the tabs (callout 1) on the front of the control panel in the slots (callout 2) on the printer top cover.

Figure 1-824 Install the control panel



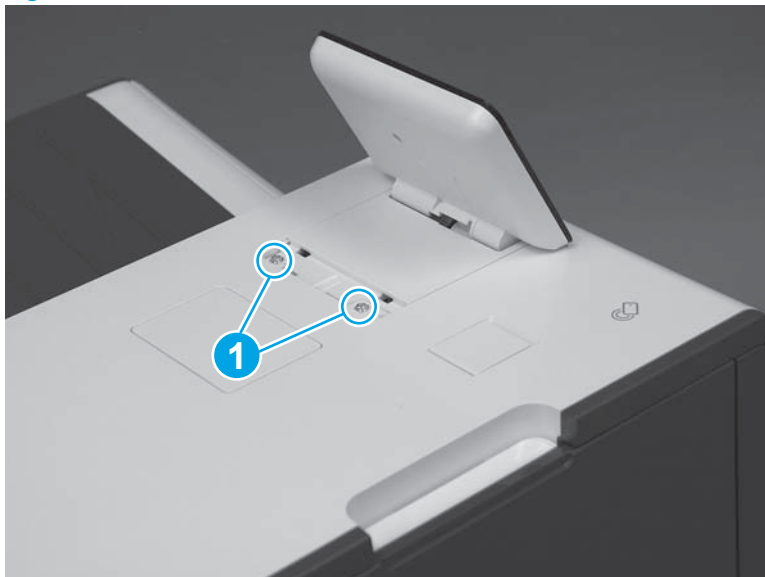
3. With the front tabs engaged in the slots (callout 1), rotate the control-panel base down onto the printer (callout 2).

Figure 1-825 Rotate the control-panel base down



4. Install two # 10 torx screws (callout 1).

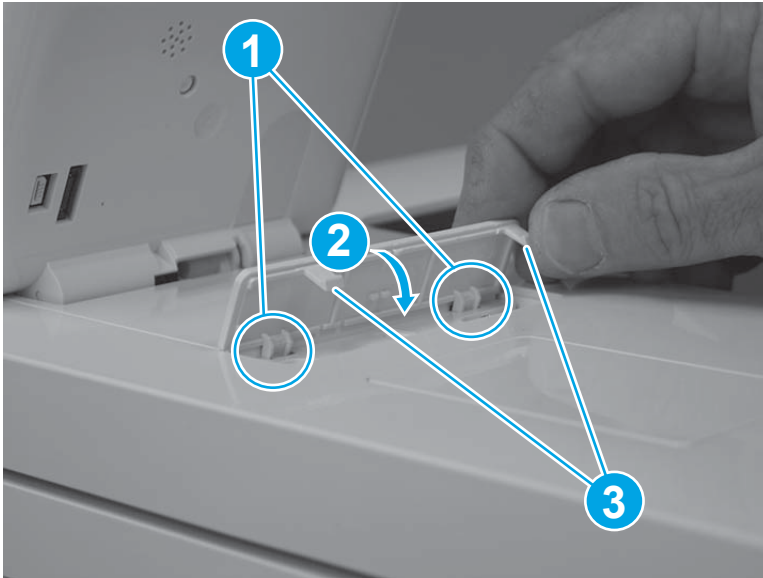
Figure 1-826 Install two screws



5. Position the access cover mounting feet into the slots in the top cover (callout 1), and then rotate the cover down (callout 2) to install it.

 **NOTE:** Press down on the cover firmly to make sure that the tabs (callout 3) snap into place.

Figure 1-827 Install the cover



Step 15: Install the blank cover (PM)

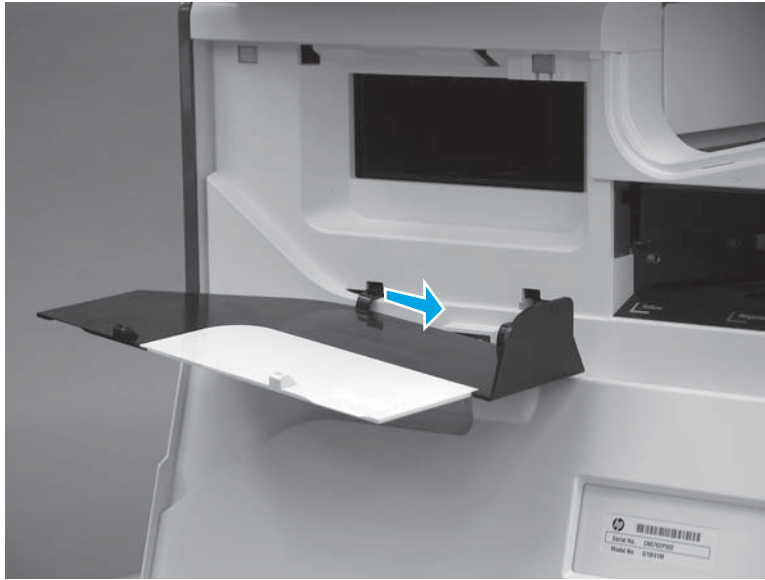
1. Align the hinges on the blank cover with the slots in the printer.

Figure 1-828 Install the blank cover



2. Install the left-side hinge.

Figure 1-829 Install the left-side hinge

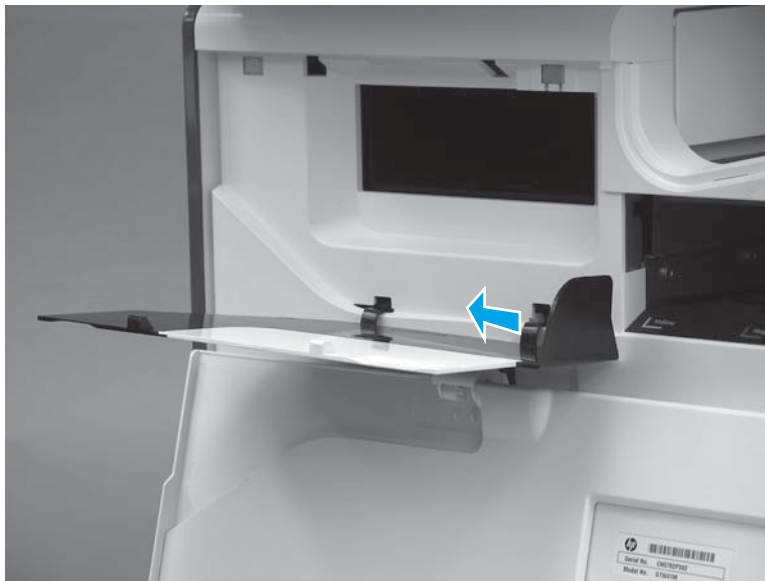


3. Install the right-side hinge.



NOTE: Slightly flexing the hinge makes installing it easier.

Figure 1-830 Install the right-side hinge



4. Close the blank cover.

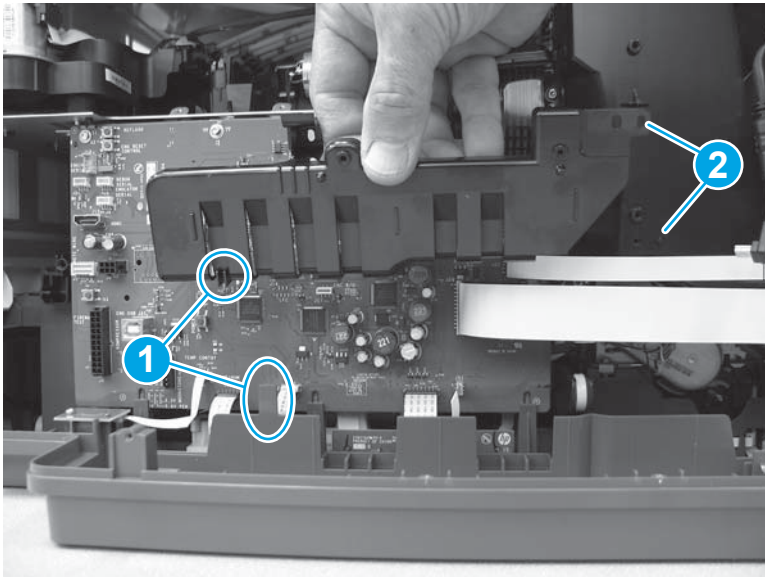
Figure 1-831 Close the blank cover



Step 16: Install the power supply mounting bracket (PM)

1. When the bracket is properly installed the following occurs:
 - The slot on the bracket rests on the tab of the printer cover (callout 1).
 - The alignment pin on the printer fits into the hole in the bracket (callout 2).

Figure 1-832 Correctly installed power supply mounting bracket



2. Position the bracket on the printer.


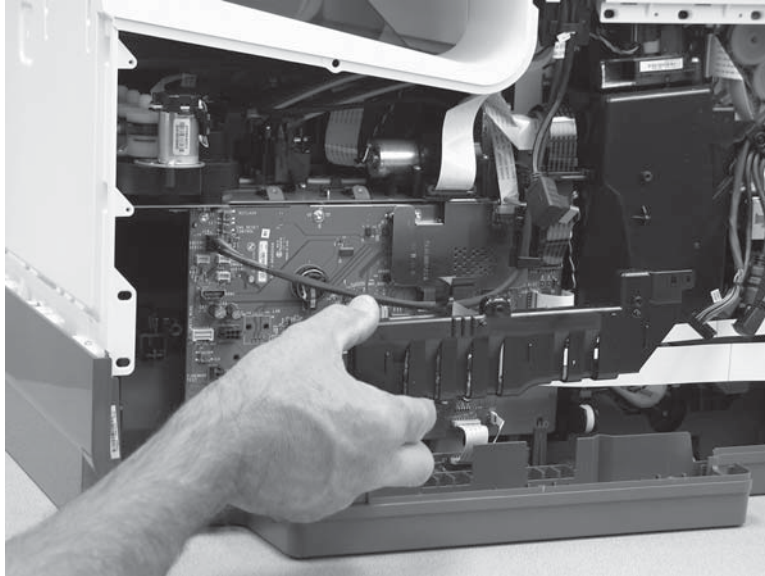
 **NOTE:** The bracket placement might need to be adjusted, so do not install the mounting screws until after the power supply is installed.

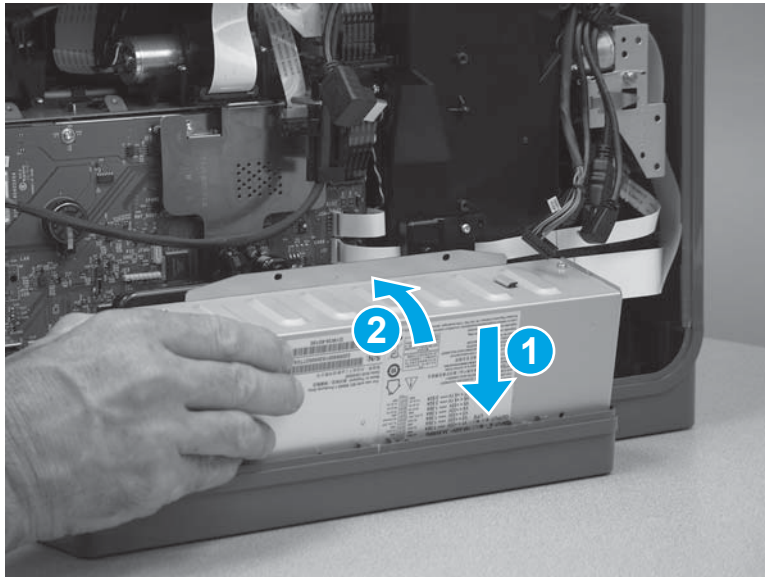
Figure 1-833 Install the bracket



Step 17: Install the power supply (PM)

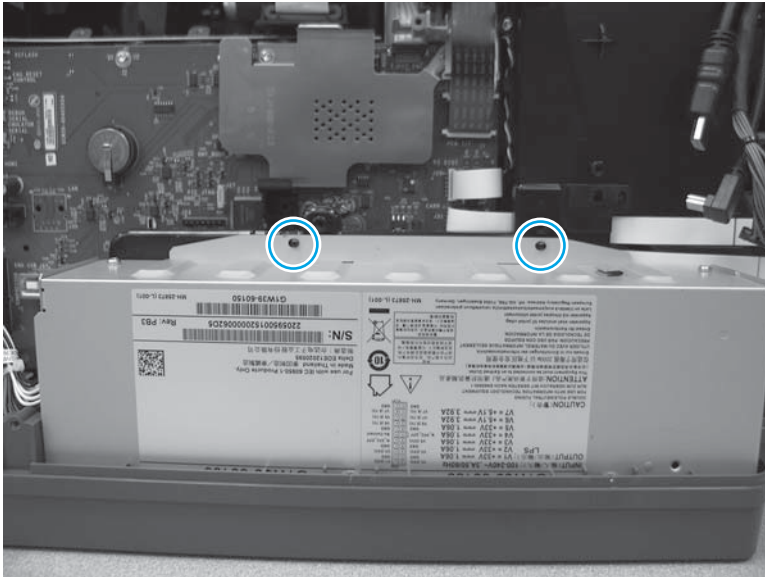
1. Install the power supply.

Figure 1-834 Install the power supply.



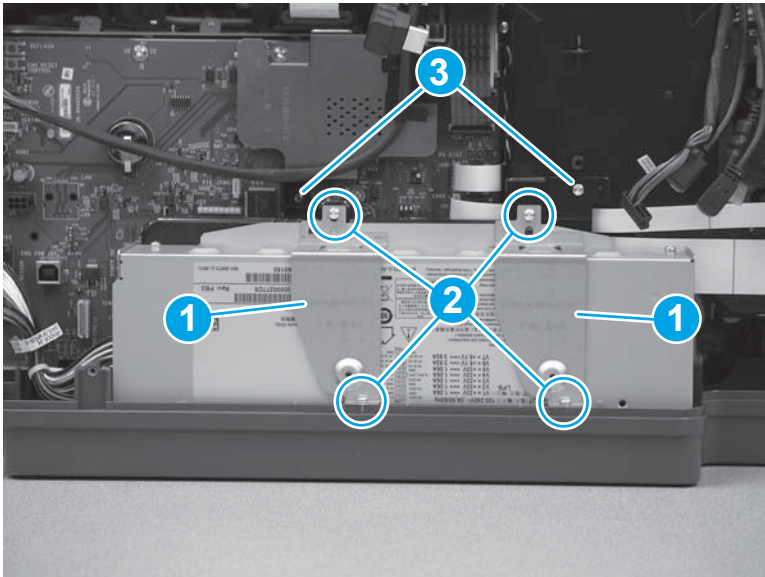
2. After installing the power supply, adjust the bracket as necessary to make sure that the locator pins fit into the holes on the assembly.

Figure 1-835 Check the locator pins



3. Install two brackets (callout 1), install four screws (callout 2), and then install two screws (callout 3).

Figure 1-836 Install brackets and screws



4. Connect one connector (callout 1).


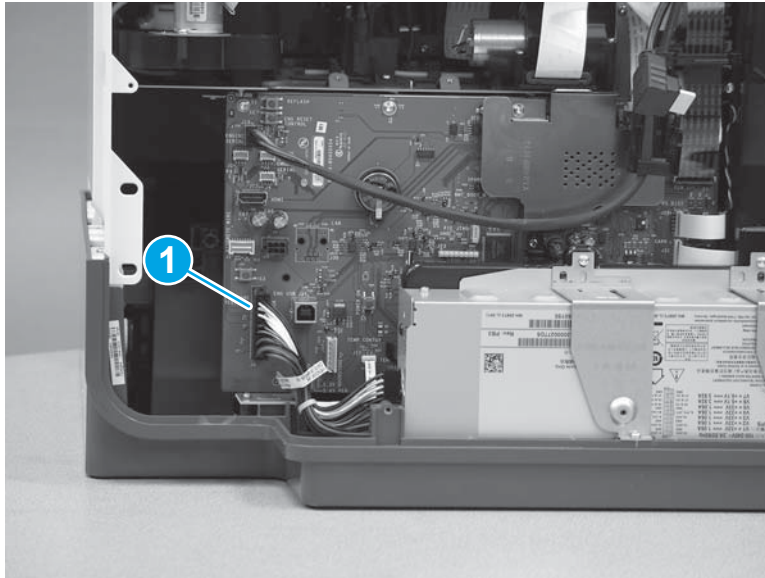
 **TIP:** This connector might take more than normal force to connect. Make sure it is full seated into the connector body.

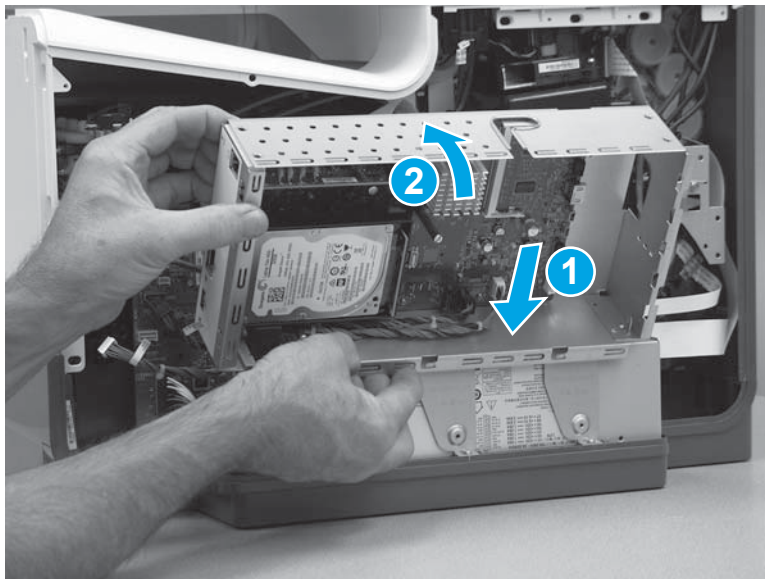
Figure 1-837 Connect one connector



Step 18: Install the formatter and formatter cage (PM)

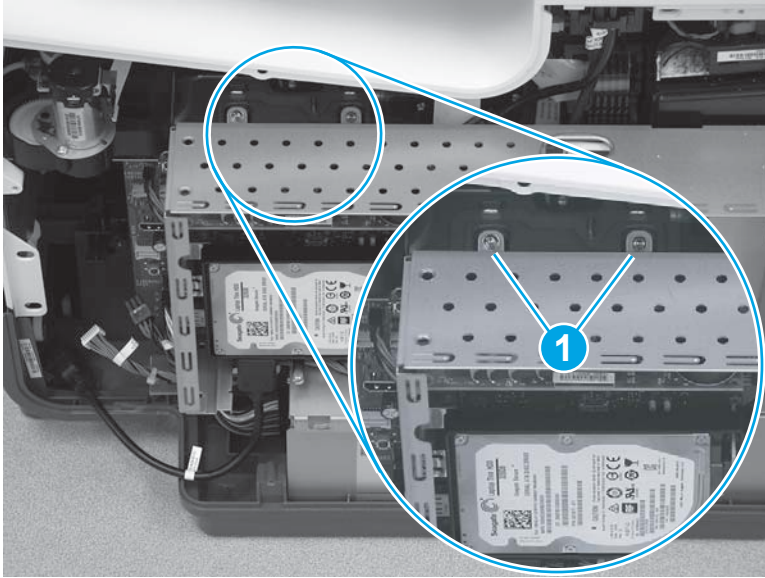
1. Install the formatter and formatter cage in the printer.

Figure 1-838 Install the formatter and cage



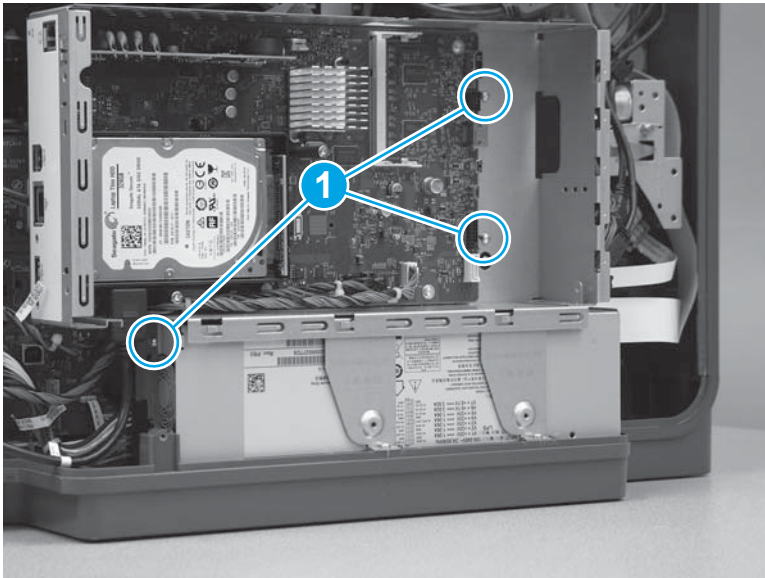
2. Install two screws (callout 1).

Figure 1-839 Install two screws



3. Install three screws (callout 1).

Figure 1-840 Install three screws



4. Pass the cables and wire harness through the opening in the formatter cage, and then connect five connectors (callout 1).


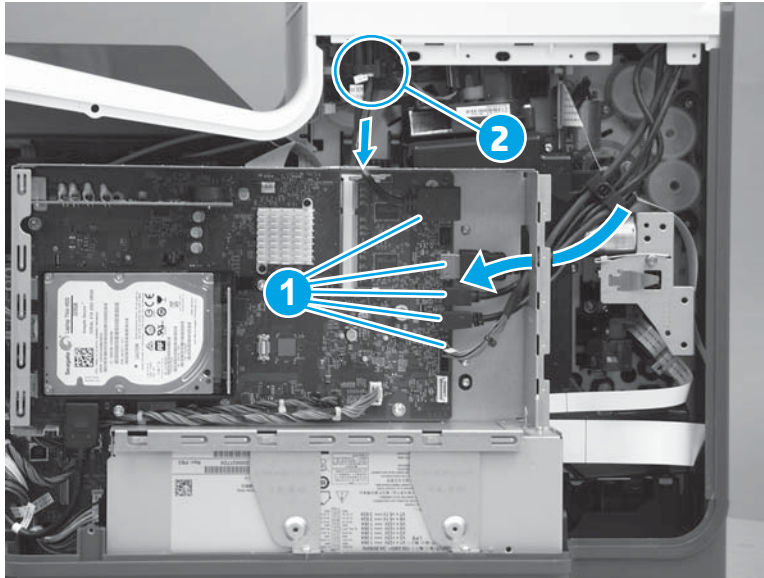
 **TIP:** The cable retainer (callout 2) is easily dislodged. Do not lose the retainer.

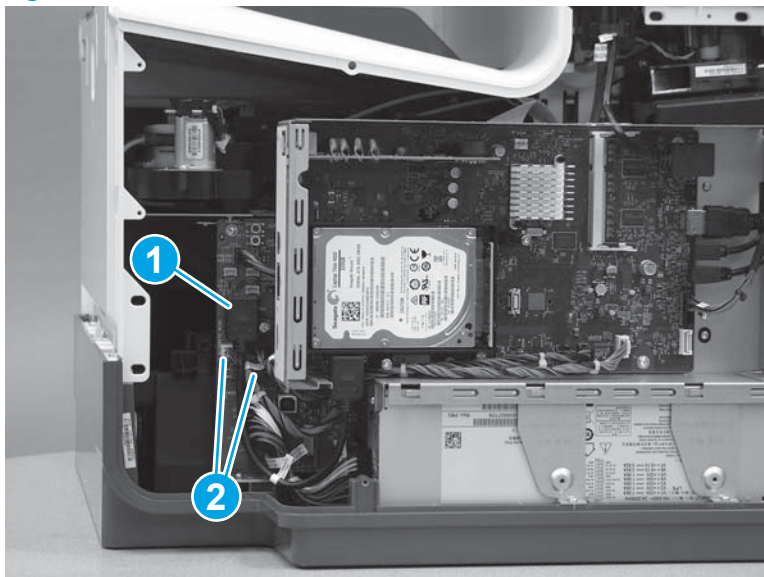
Figure 1-841 Disconnect connectors



5. Connect one HDMI cable (callout 1), and then connect two connectors (callout 2).

 **NOTE:**

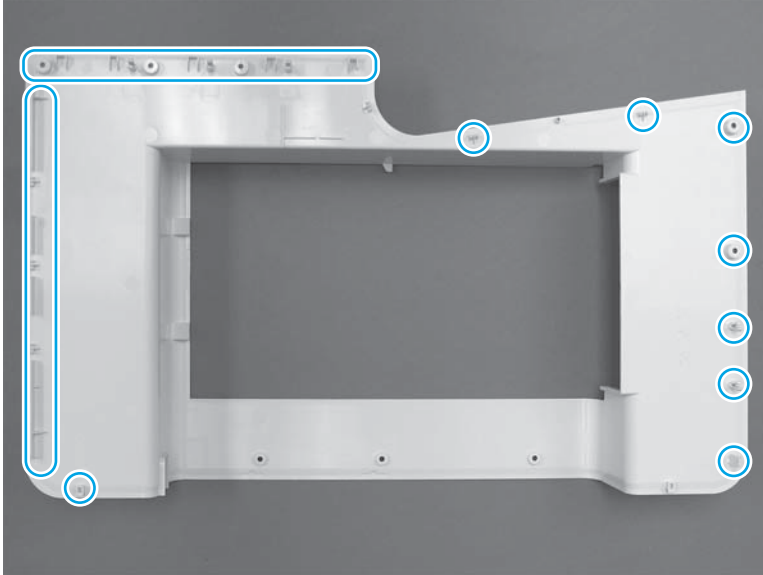
Figure 1-842 Connect connectors



Step 19: Install the rear cover (PM)

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-843 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


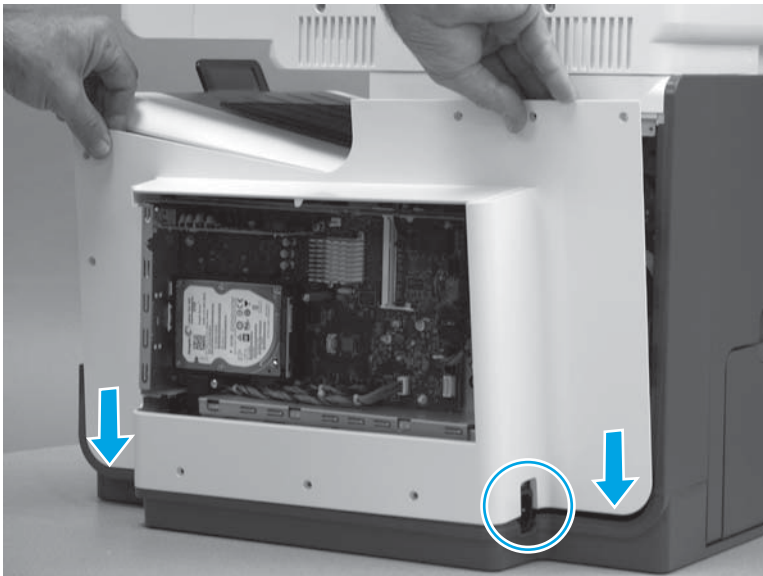
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

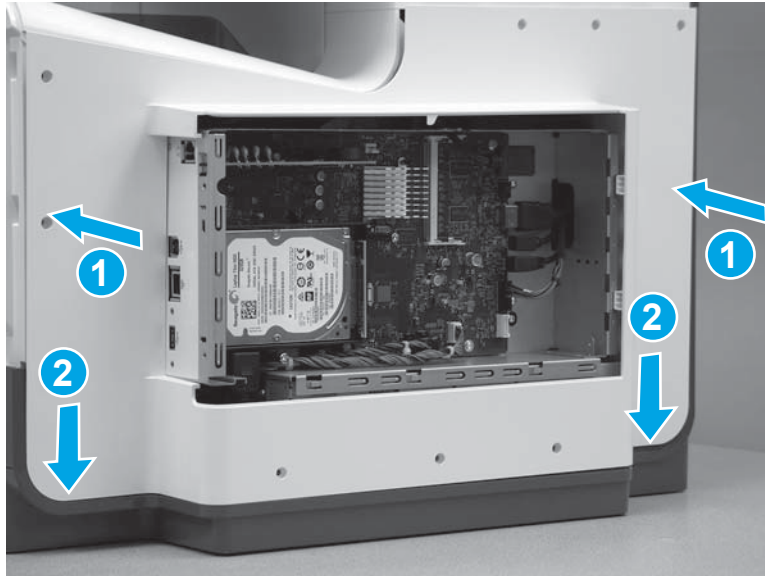
Figure 1-844 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

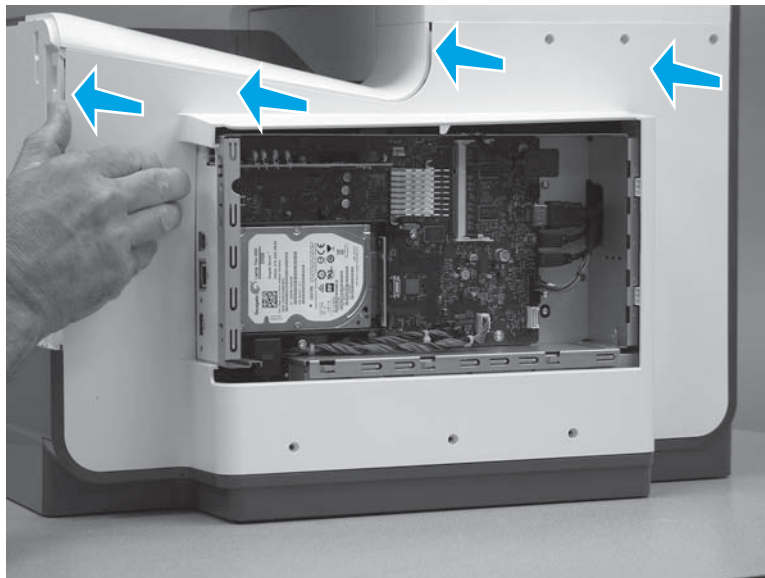
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-845 Engage the sides of the cover



4. Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

Figure 1-846 Release the top edge of the cover



5. Install eight screws (callout 1).


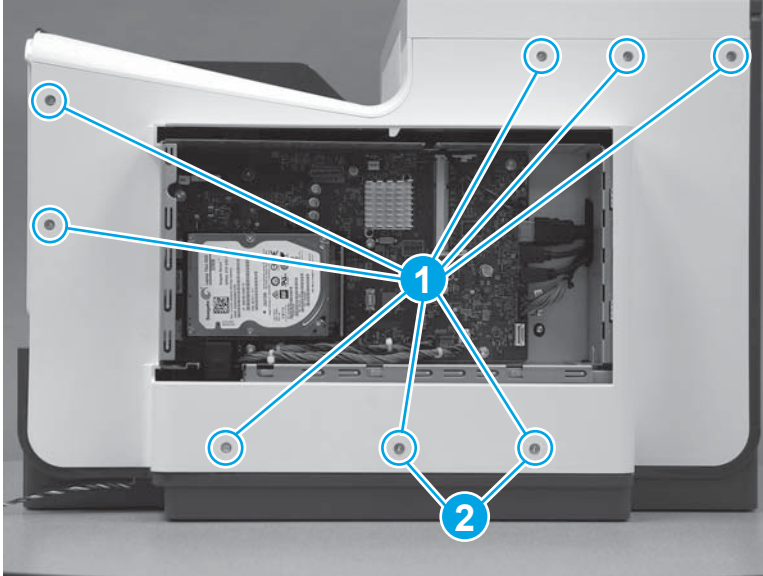
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

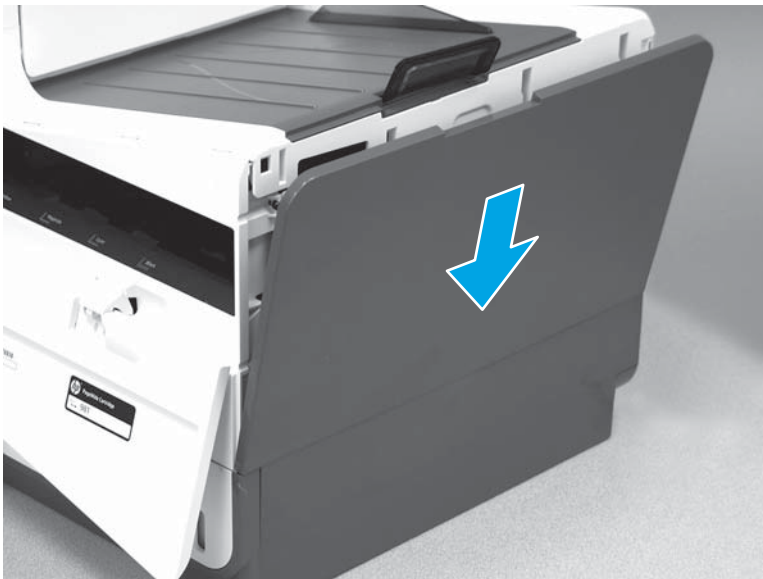
Figure 1-847 Install eight screws



Step 20: Install the right cover (outer) (PM)

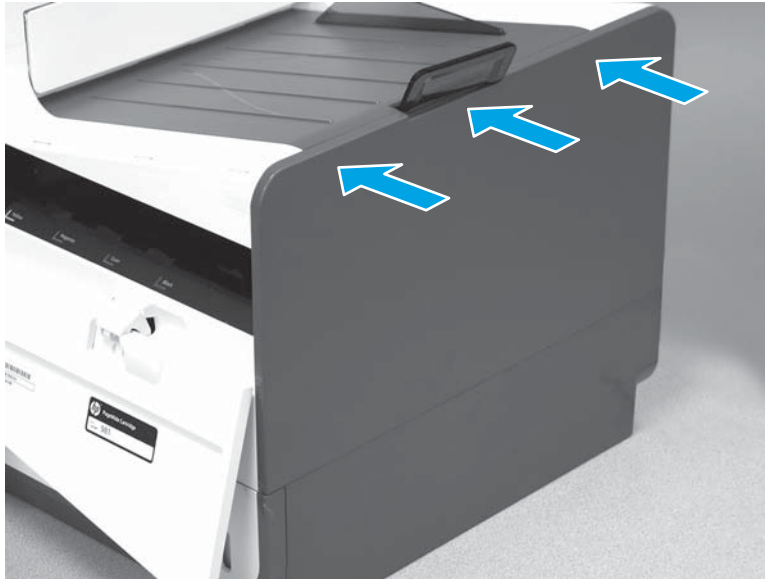
1. Position the bottom edge of the cover on the printer.

Figure 1-848 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-849 Install the right cover (outer)



Step 21: Install the formatter cover (PM)

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).


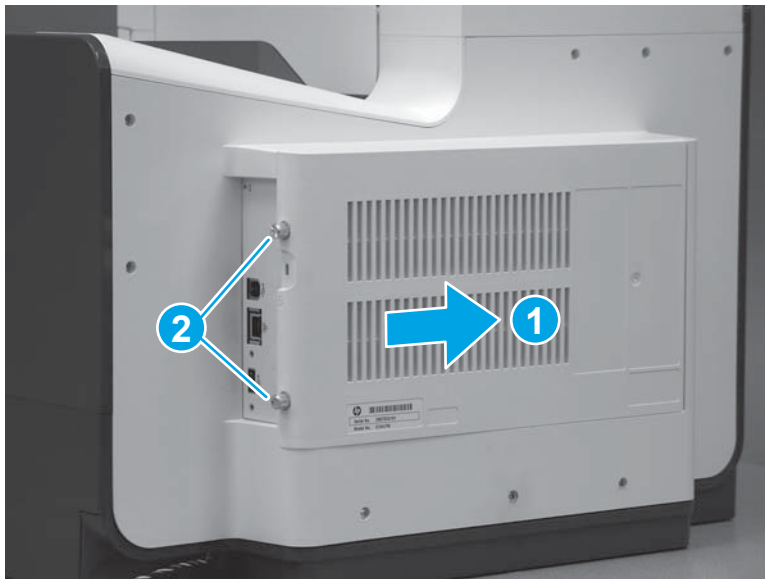
 **IMPORTANT:** Make sure that the cover from the defective unit (DU) is installed on the replacement print mechanism (PM) so that the regulatory and serial number label is transferred to the PM.

Figure 1-850 Install the formatter cover

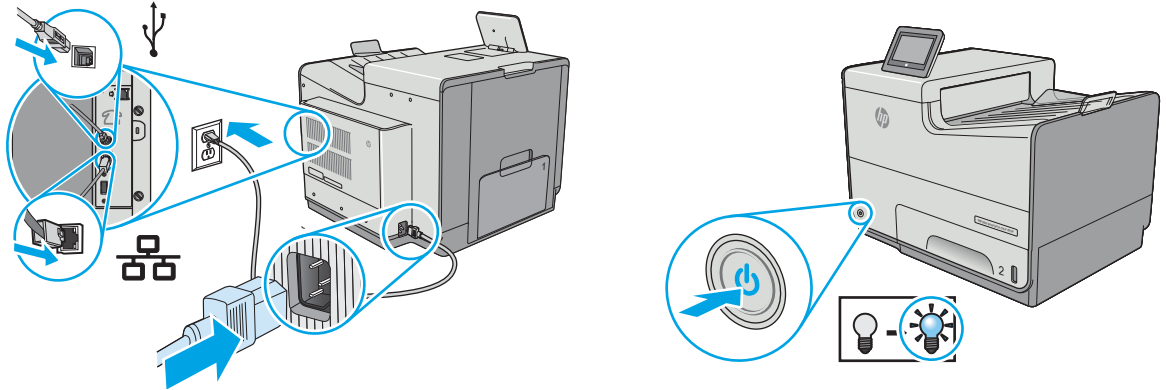


Step 22: Turn the power on print mechanism (PM)

- ▲ Connect the USB cable or the network cable, plug in the power cable, and then turn on the printer. Allow it to initialize and calibrate. These processes will take approximately 26 minutes. Make sure that Tray 2 contains paper.

CAUTION: Do not power on the print mechanism with any formatter other than the formatter from the defective unit. Using another formatter will cause data loss and require an additional replacement print mechanism.

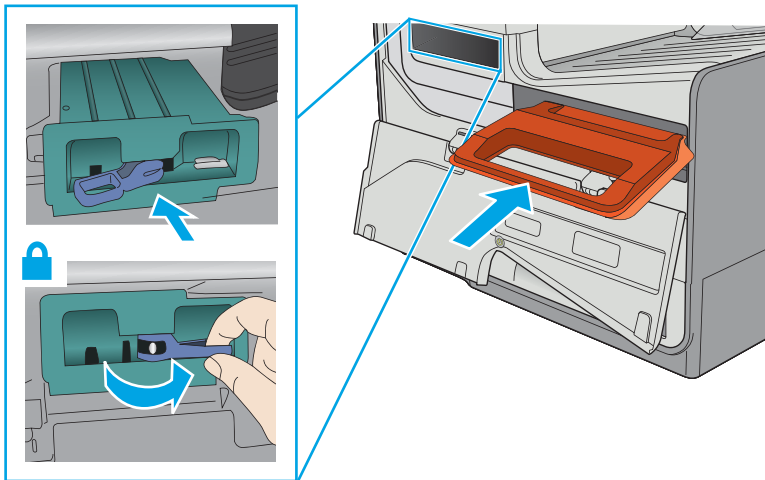
Figure 1-851 Turn the power on (PM)



Step 23: Prepare the Defective Unit (DU) for Shipping

1. While the printer is initializing, install the orange cartridge shipping restraint insert in the cartridge cavity and the blue print-head restraint as shown.

Figure 1-852 Install the cartridge shipping restraint and the print-head restraint



2. Use the shipping tape from the replacement PM to secure the DU, and then package the DU in the box that contained the replacement PM. Return the DU to HP.

Figure 1-853 Box the DU for shipping



Print mechanism kit (586)

- [Introduction](#)
- [Acclimation](#)
- [Installation notes](#)
- [Removal and replacement strategy](#)
- [Step 1: Unpack the Replacement Print Mechanism \(PM\)](#)
- [Step 2: Remove the right cover \(outer\) \(PM\)](#)
- [Step 3: Remove the formatter cover \(PM\)](#)
- [Step 4: Remove the rear cover \(PM\)](#)
- [Step 5: Turn the power off defective unit \(DU\)](#)
- [Step 6: Remove the formatter cover \(DU\)](#)
- [Step 7: Remove the right cover \(outer\) \(DU\)](#)
- [Step 8: Remove the rear cover \(DU\)](#)
- [Step 9: Remove the formatter and formatter cage \(DU\)](#)
- [Step 10: Remove the power supply \(DU\)](#)
- [Step 11: Remove the power supply mounting bracket \(DU\)](#)
- [Step 12: Remove the blank cover \(DU\)](#)
- [Step 13: Remove the Integrated Scanner Assembly \(ISA\) \(DU\)](#)
- [Step 14: Install the Integrated Scanner Assembly \(ISA\) \(PM\)](#)
- [Step 15: Install the blank cover \(PM\)](#)
- [Step 16: Install the power supply mounting bracket \(PM\)](#)
- [Step 17: Install the power supply \(PM\)](#)
- [Step 18: Install the formatter and formatter cage \(PM\)](#)
- [Step 19: Install the rear cover \(PM\)](#)
- [Step 20: Install the right cover \(outer\) \(PM\)](#)
- [Step 21: Install the formatter cover \(PM\)](#)
- [Step 22: Turn the power on print mechanism \(PM\)](#)
- [Step 23: Prepare the Defective Unit \(DU\) for Shipping](#)


Introduction

This document provides the procedures to install the print mechanism (PM) kit.

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.

Power supply part number	
G1W39-69001	586 Print Mechanism (PM) with instruction guide

Required tools

- Torx driver (#10) with a 152 mm (6 in) shaft and magnetized tip.
- Phillips screwdriver (#2)
- Small flat-blade screwdriver
- Flat-blade screwdriver 152 mm (6 in) shaft
- Optional: Small pliers (for holding clips during disassembly)

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 configuration page to verify printer functionality.

Make a copy using the document feeder and the scanner glass.

Acclimation


Cold temperatures can affect the print mechanism

The print mechanism kit will not operate properly below 5° C (41° F). The product control panel will display an error message.

Cold temperatures during kit storage or transportation might require extra time before installation to allow the kit and ink cartridges to adjust to a warmer temperature (acclimation). Exposure to extended periods of heat usually requires a minimal amount of acclimation time.

Exposure to extended periods of cold can cause condensation (moisture) to form on the parts when moved into warmer areas. Condensation indicates the need for an acclimation period until the condensation

disappears. Exposure to extended cold (below 0° C (32° F)) can cause the ink inside the kit to freeze. The kit and ink cartridges were designed to be exposed to freezing temperatures without being damaged. However, if the ink is frozen and cannot flow properly during installation or during printing, errors might be reported on the control panel or print quality might be poor, or possible damage will occur.

 **CAUTION:** When unsure if the kit and ink cartridges need to be acclimated, always proceed as if they do need to be acclimated. Acclimation will not damage these kits, but the failure to acclimate them can cause errors or print quality issues, or possible damage can occur.

Acclimation process

1. Unpack the kit.
2. Open the doors or remove the covers, and pull out the input tray.
3. Leave the kit in the repair area until there is no visible condensation before proceeding with installation.

The print mechanism kit might need 2 to 4 hours to thaw depending on how frozen the shipping fluid is. The shipping fluid is contained in the printbar, which is inside the print mechanism kit assembly.

The product might display error codes if there is an attempt to install a kit that is not acclimated completely.


Ink cartridge acclimation

Unpack the ink cartridges. It is important to remove the ink cartridges from their packaging and to separate them to speed the acclimation process. The packaging will act as an insulation barrier and prevent frozen ink from thawing quickly.

The ink cartridges might need 2 to 4 hours to thaw, depending on how frozen the ink is.

Move the ink cartridges into a warmer area and keep them separated to accelerate the thawing process.


Do not install ink cartridges that show visible condensation on the outside walls.


 **CAUTION:** Check each ink cartridge's electrical connection (gold colored contacts) for condensation before installing them. Remove condensation by carefully blotting the electrical connections with a lint-free cloth. To prevent damage, do not wipe or drag the cloth across the connections.

Installation notes

Keep the packaging

Do not destroy the box in which the new mechanism kit was shipped. You will use the box to return the defective mechanism.

 **NOTE:** If the customer has activated the anti-theft feature on the ink cartridges, those cartridges must be installed into the new print mechanism (PM) after the initial purge and calibration – which uses the startup cartridges– but before 15 pages are printed on the new mechanism.

 **NOTE:** Do not power on the new print mechanism with any formatter other than the formatter from the defective unit (DU). Using another formatter will cause data loss and require another replacement print mechanism kit.

Necessary tools and the PM process

To make the replacement print mechanism (PM) operational, remove the following assemblies from the defective unit (DU) and then install them on the PM.

PM Process

- Formatter cover
- Formatter and formatter cage (and any installed accessories)
- Power supply (and brackets)
- Blank cover
- Integrated scanner assembly (ISA)



NOTE: The ISA includes the image scanner, document feeder, control panel, and keyboard (MFP 586z only).

Required tools

This process requires the following tools:

- Torx driver (#10) with magnetized tip
- Phillips screwdriver (#2), 152 mm (6 in) shaft (with magnetized tip)
- Small flat-blade screwdriver
- Optional: Small pliers (for holding clips during disassembly)

Removal and replacement strategy

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.

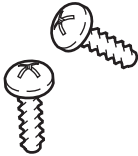
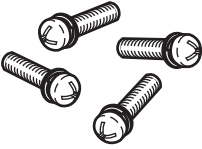
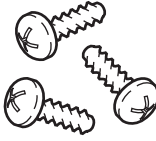

Tracking fasteners used in this printer

Create a matrix to keep track of screws as they are removed during printer disassembly.

1. Draw a series of boxes on a blank sheet of paper.
2. When removing screws, write the removal step number in one of the squares, and place the screws in that square.

For example, in the figure below steps 4, 7, 9 and 10.2 are screw removal steps.

Figure 1-854 Tracking fasteners

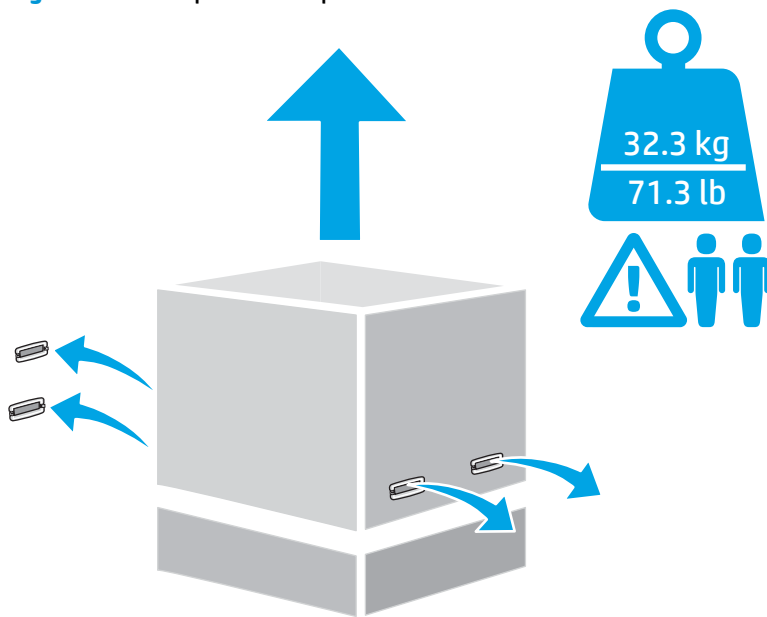
4 	7 	9 	10.2 

3. Screw installation steps include a reference to the step where the screws were removed. Match the referenced step number to the corresponding matrix box, and use those screws to install the assembly. This method makes sure that the correct type and size screw is correctly installed during reassembly.

Step 1: Unpack the Replacement Print Mechanism (PM)

1. Remove the replacement PM from the box by lifting it out by the bag around it.

Figure 1-855 Unpack the Replacement PM



2. Remove all the blue shipping tape.


 **NOTE:** The shipping tape is reusable. Use the shipping tape from the replacement print mechanism (PM) to prepare the defective unit (DU) for shipping.

Figure 1-856 Remove the shipping tape



3. Remove the cartridge orange shipping restraint insert that is recessed in the cartridge cavity and the blue print-head restraint.


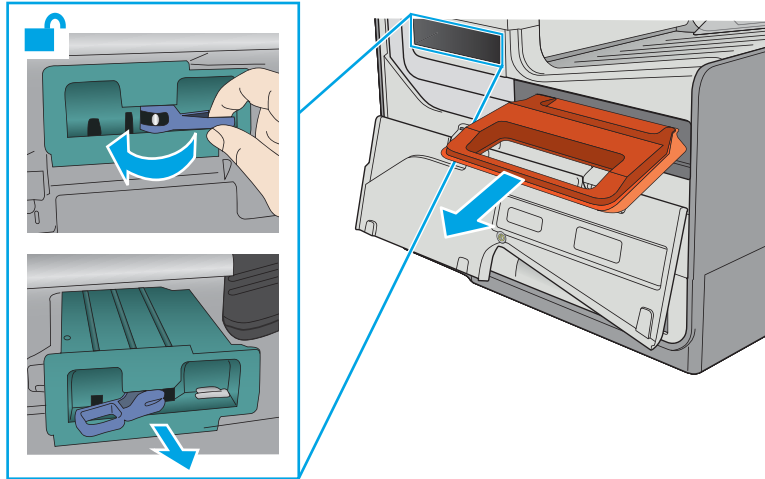

 **NOTE:** The restraint insert and print-head restraint are reusable. Use the shipping restraint and print-head restraint from the replacement print mechanism (PM) to prepare the defective unit (DU) for shipping.

Figure 1-857 Remove the shipping restraint and the print-head restraint



4. Install the startup cartridges included with the kit and load paper into Tray 2.

 **NOTE:** Adjust the sliding paper guides to the correct paper size for this tray.


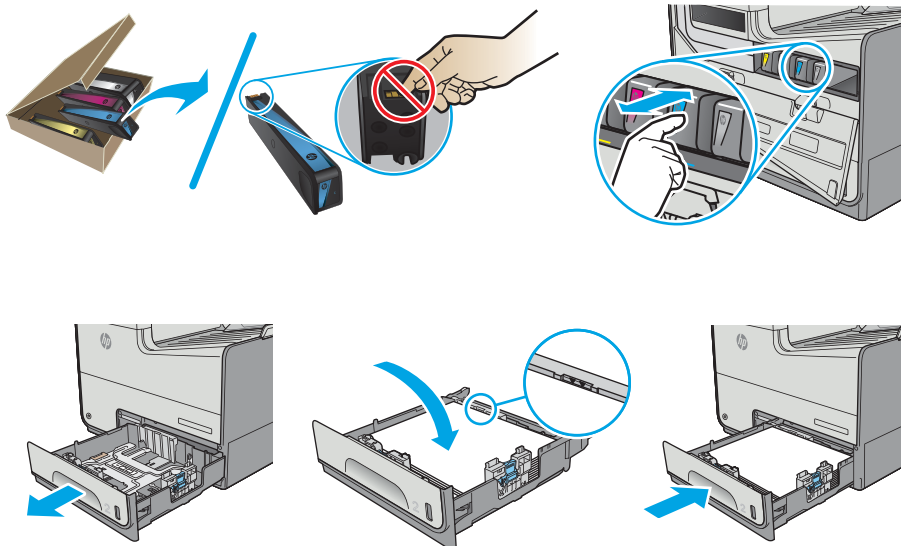
 **TIP:** Leave the cartridge door open to make removing the right cover (later) easier.

Figure 1-858 Install the startup cartridges and load paper



Step 2: Remove the right cover (outer) (PM)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


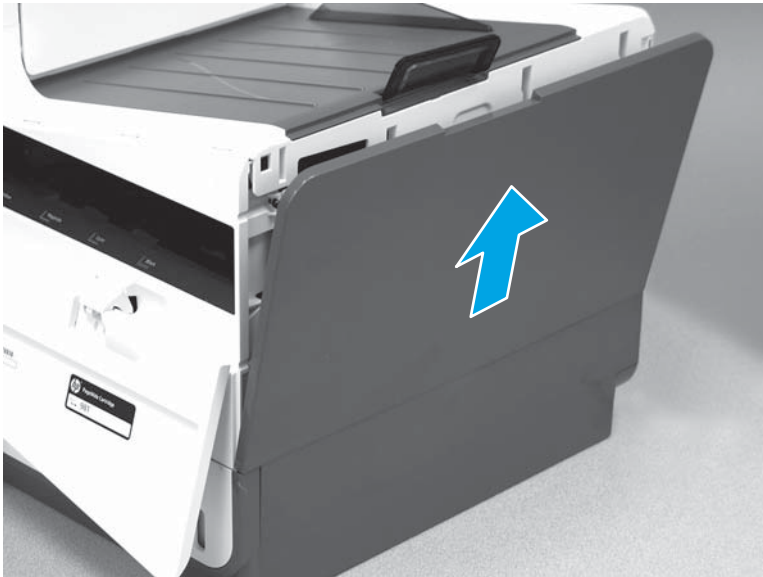
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-859 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-860 Remove the right cover (outer)

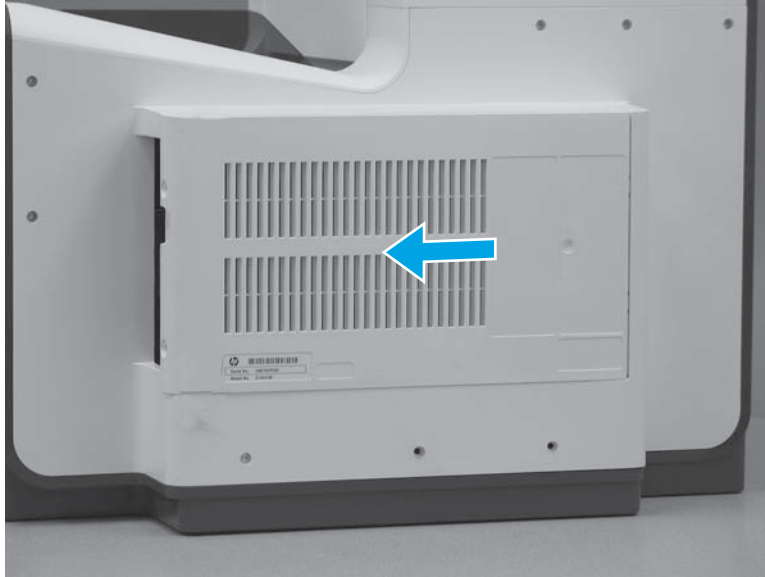


Step 3: Remove the formatter cover (PM)

 **NOTE:** This cover might have come off when the blue shipping tape was removed earlier after unpacking the PM. If so, skip this step.

- ▲ If installed, slide the formatter cover away from the PM to remove it.

Figure 1-861 Remove the formatter cover (PM)

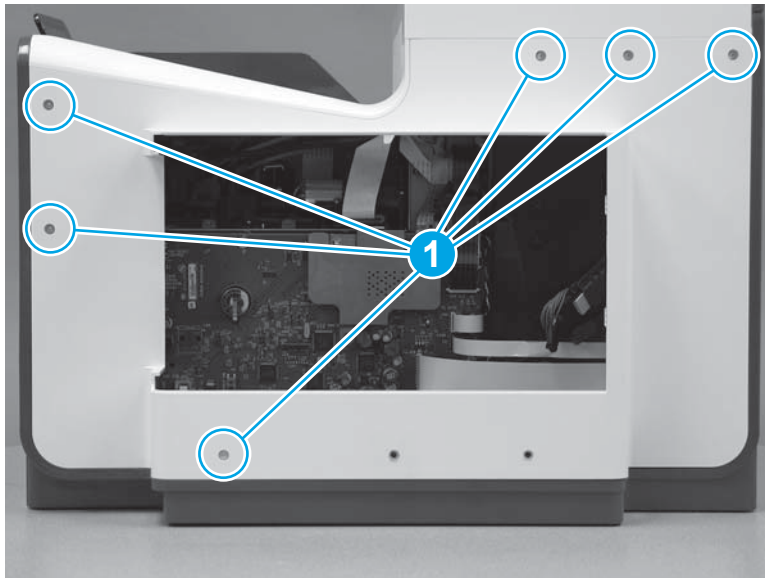


Step 4: Remove the rear cover (PM)

This cover might have come off when the blue shipping tape was removed earlier after unpacking the PM. If so, skip this step.

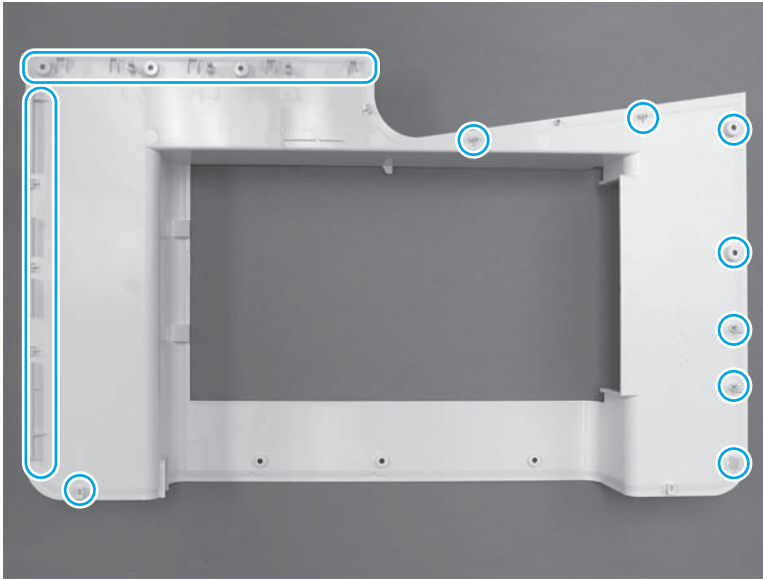
1. Remove six screws (callout 1).

Figure 1-862 Remove six screws



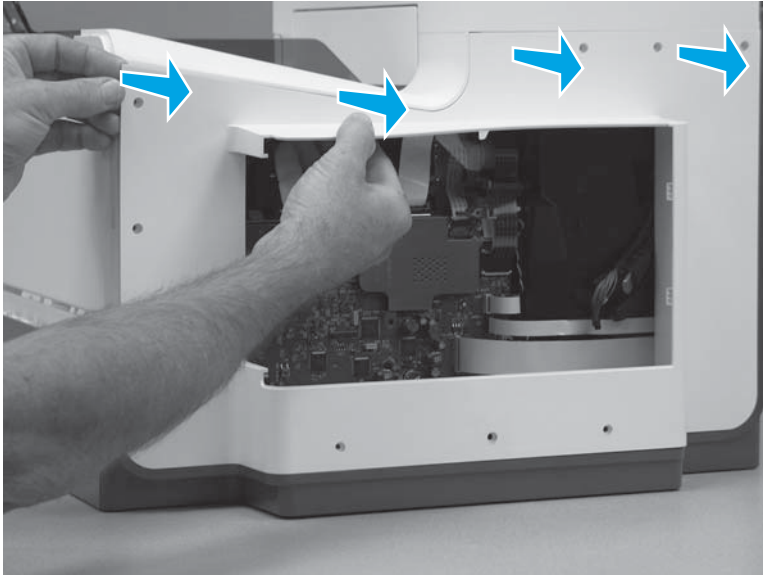
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-863 Find the tabs and bosses on the rear cover



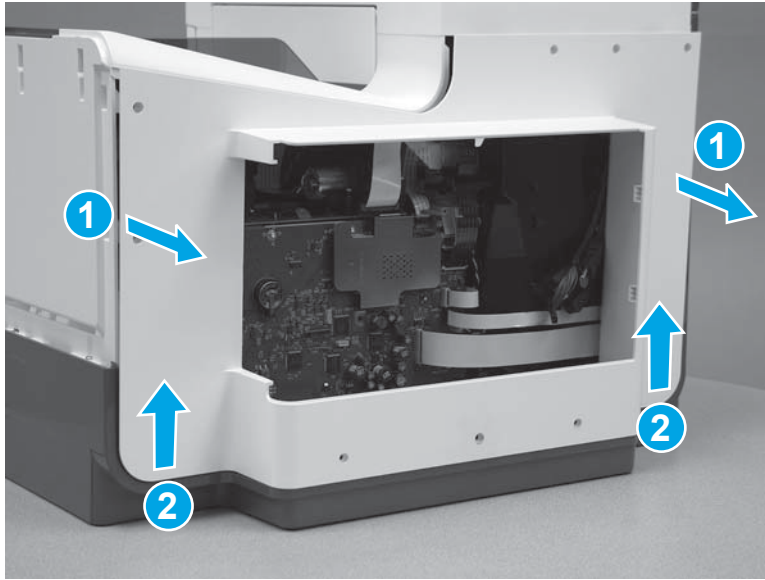
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-864 Release the top edge of the cover



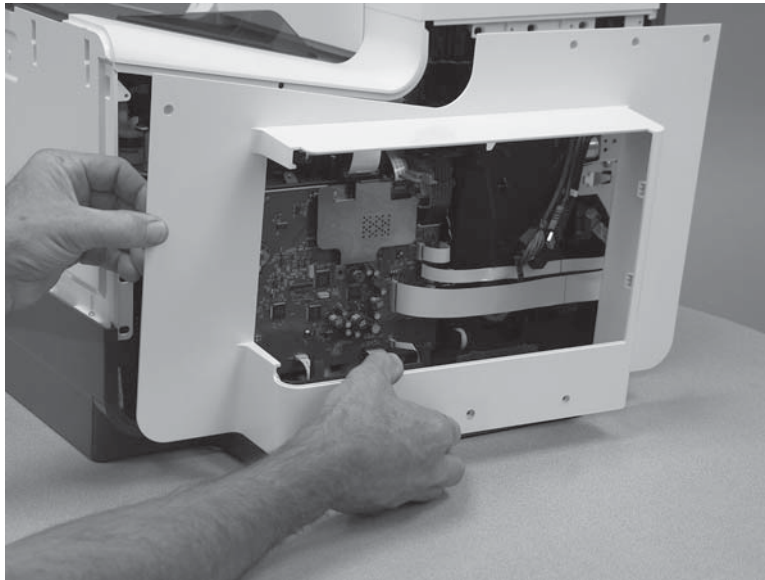
4. Release the bosses along the right and left side of the cover, and then lift it straight up to release it.

Figure 1-865 Release the rear cover (PM)




5. Remove the cover.

Figure 1-866 Remove the rear cover (PM)



Step 5: Turn the power off defective unit (DU)

- ▲ Turn the power off and disconnect all interface and power cables (DU).

 **NOTE:** Remove the ink cartridges.

Insert the orange shipping cartridge restraint from the replacement print mechanism kit (PM) into the defective unit (DU).


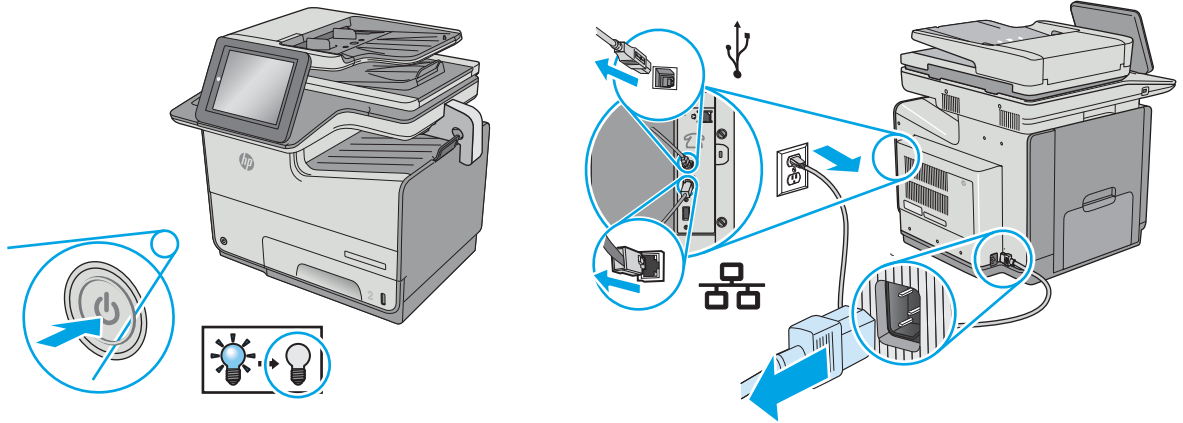
 **TIP:** Retain the cartridges removed from the DU for use after the STARTUP cartridges are depleted.

Figure 1-867 Turn the power off (DU)



Step 6: Remove the formatter cover (DU)

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


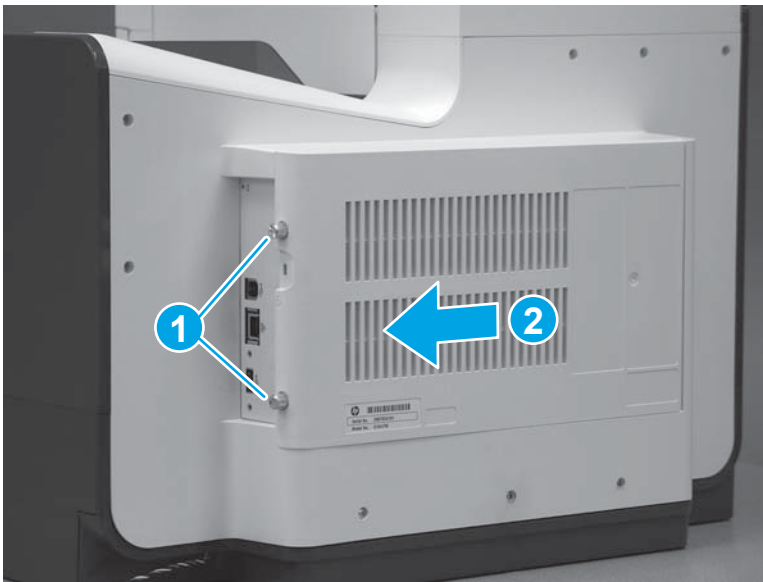
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-868 Remove the formatter cover



Step 7: Remove the right cover (outer) (DU)

1. Pull out on the top corners of the right cover to release the top edge of the cover.


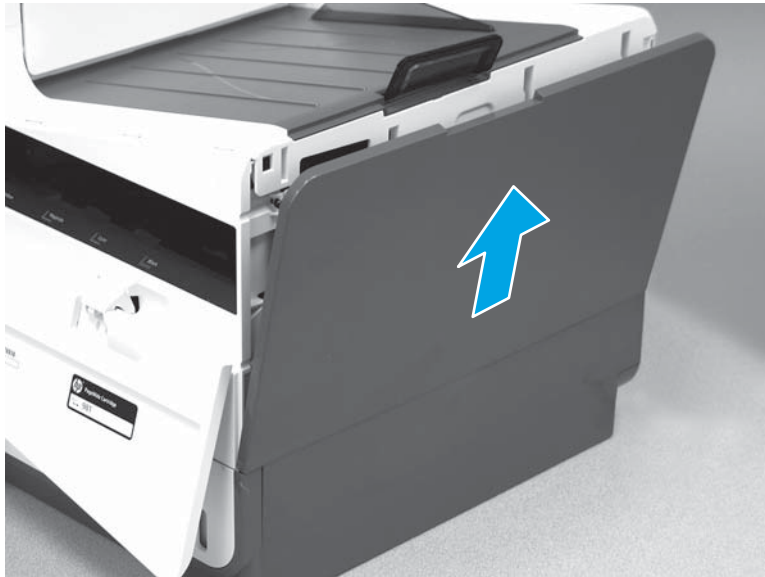
 **TIP:** Open the cartridge door to make removing the cover easier.

Figure 1-869 Release the right cover (outer)



2. Slide the cover up and away from the printer to remove it.

Figure 1-870 Remove the right cover (outer)



Step 8: Remove the rear cover (DU)

1. Remove eight screws (callout 1).


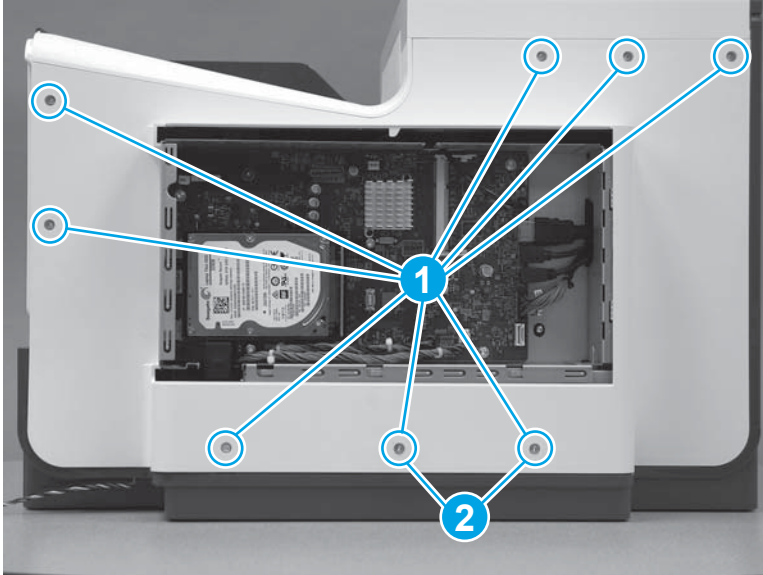
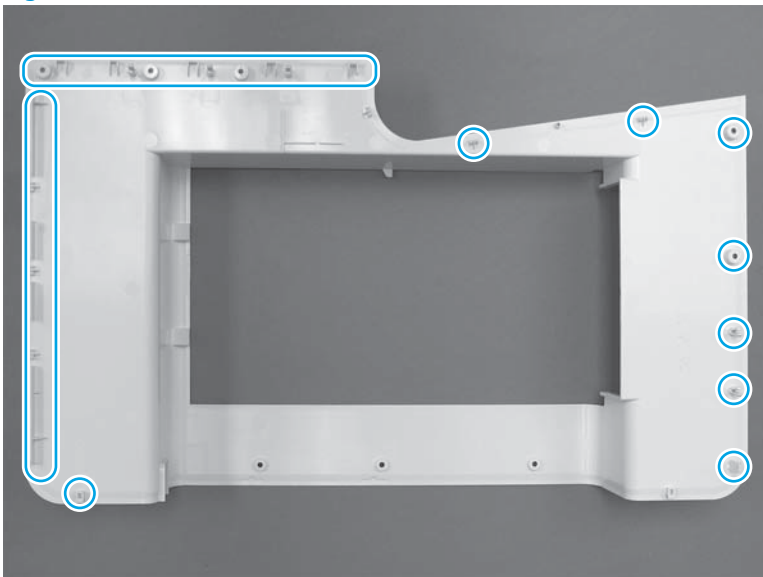
 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others.

Figure 1-871 Remove eight screws



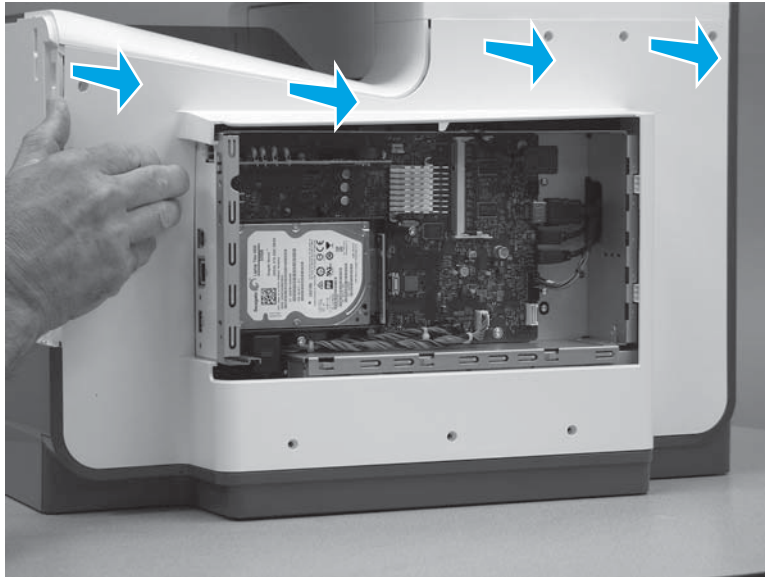
2. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-872 Find the tabs and bosses on the rear cover



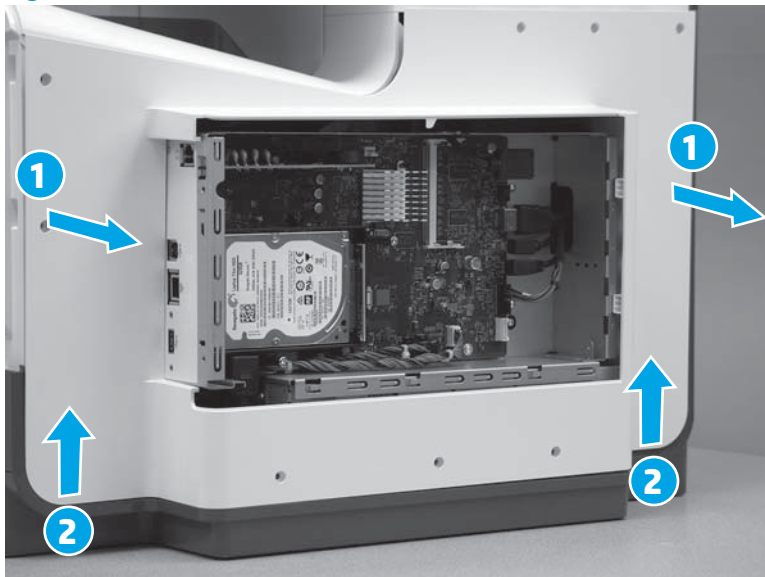
3. Release the boss at the left-upper corner of the rear cover, and then release the remaining bosses along the top of the cover (from left to right).

Figure 1-873 Release the top edge of the cover



4. Release the bosses along the right and left side of the cover, and then lift it straight up to remove it.

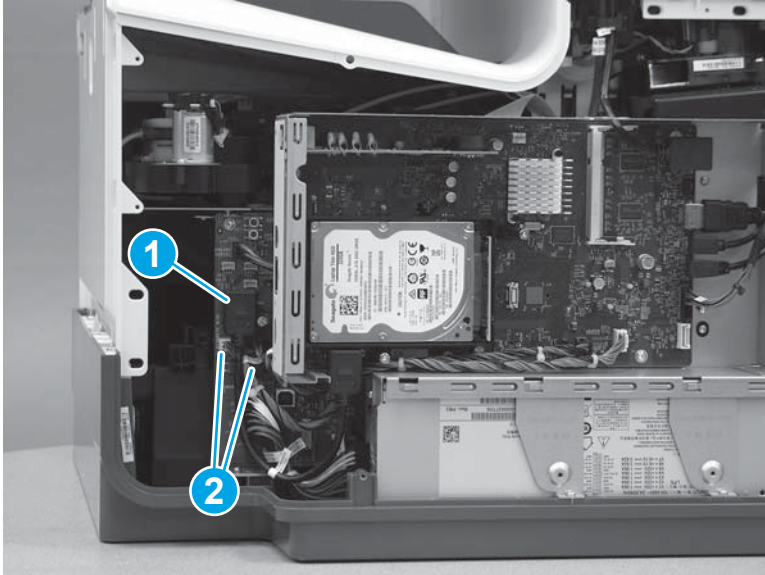
Figure 1-874 Remove the rear cover



Step 9: Remove the formatter and formatter cage (DU)

1. Disconnect one HDMI cable (callout 1), and then disconnect two connectors (callout 2).

Figure 1-875 Disconnect connectors



2. Disconnect five connectors (callout 1), and then pass the cables and wire harness through the openings in the formatter cage.


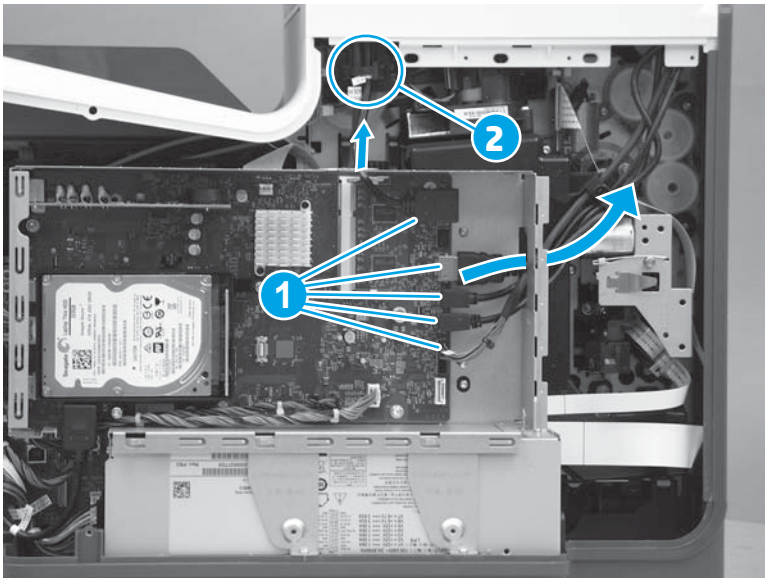
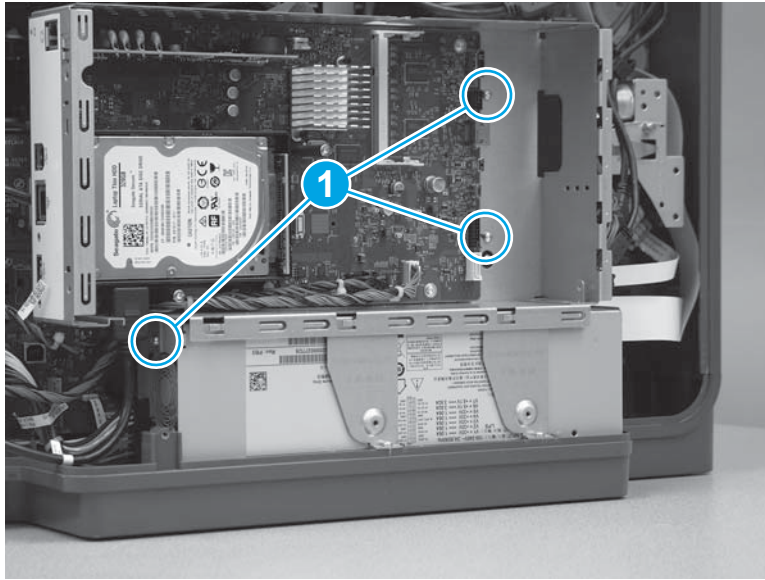
 **TIP:** The cable retainer (callout 2) is easily dislodged. Do not lose the retainer.

Figure 1-876 Disconnect connectors



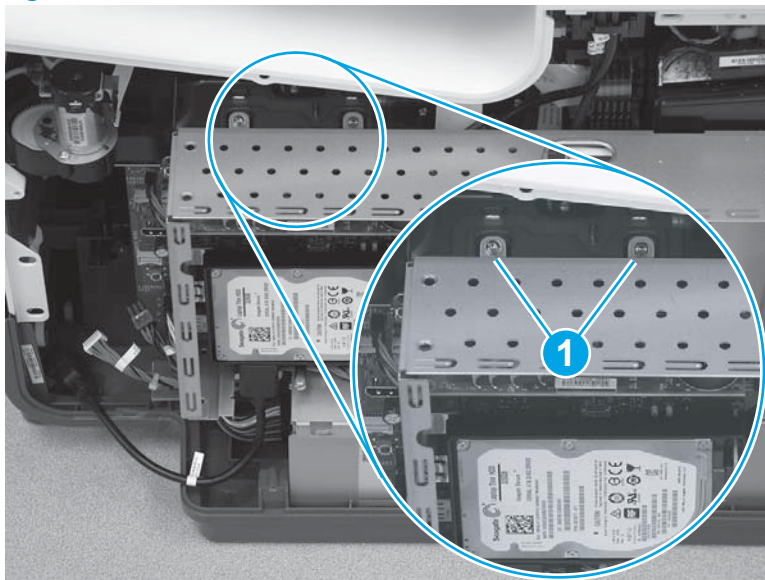
3. Remove three screws (callout 1).

Figure 1-877 Remove three screws



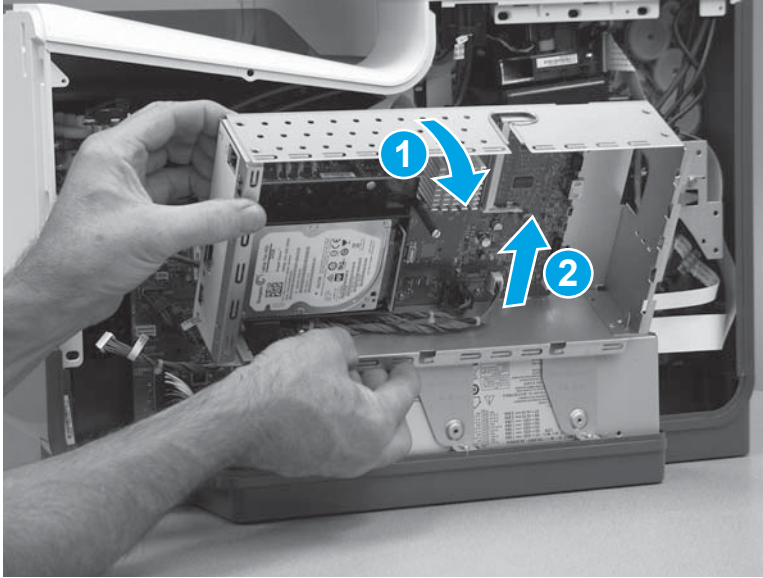
4. Remove two screws (callout 1).

Figure 1-878 Remove two screws



5. Rotate the top of the assembly out and away from the printer, and then remove the assembly.

Figure 1-879 Remove the formatter and cage



Step 10: Remove the power supply (DU)

1. Disconnect one connector (callout 1)


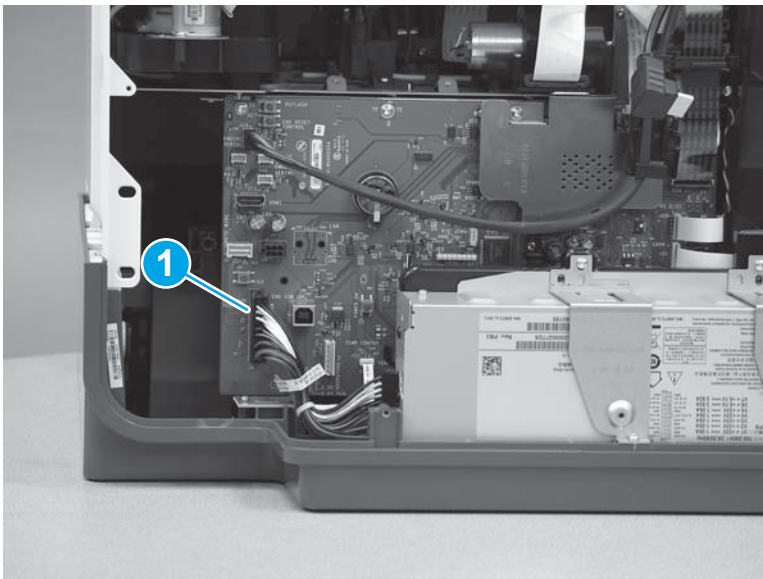
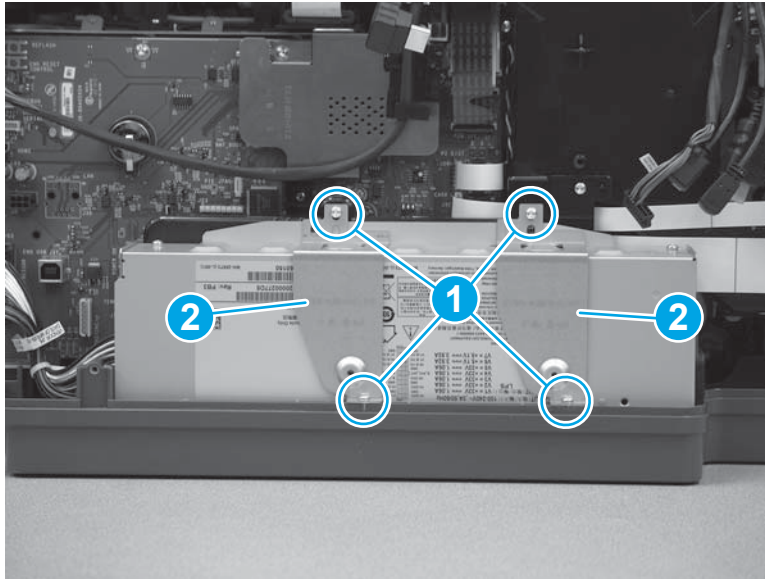
 **TIP:** This connector might take more than normal force to disconnect connect. Release a small locking tab while pulling the connector straight out to remove it.

Figure 1-880 Disconnect one connector



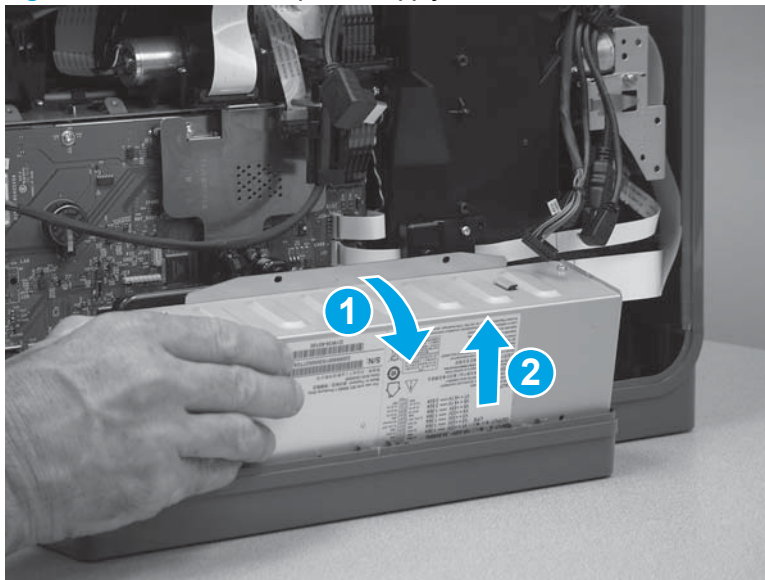
2. Remove four screws (callout 1), and then remove two brackets (callout 2).

Figure 1-881 Remove the screws and brackets



3. Slightly rotate the top of the power supply away from the printer, and then remove the assembly.

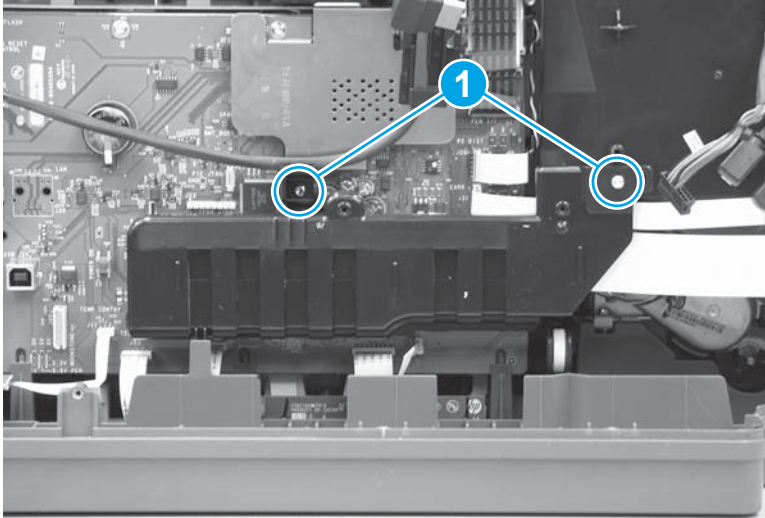
Figure 1-882 Remove the power supply



Step 11: Remove the power supply mounting bracket (DU)

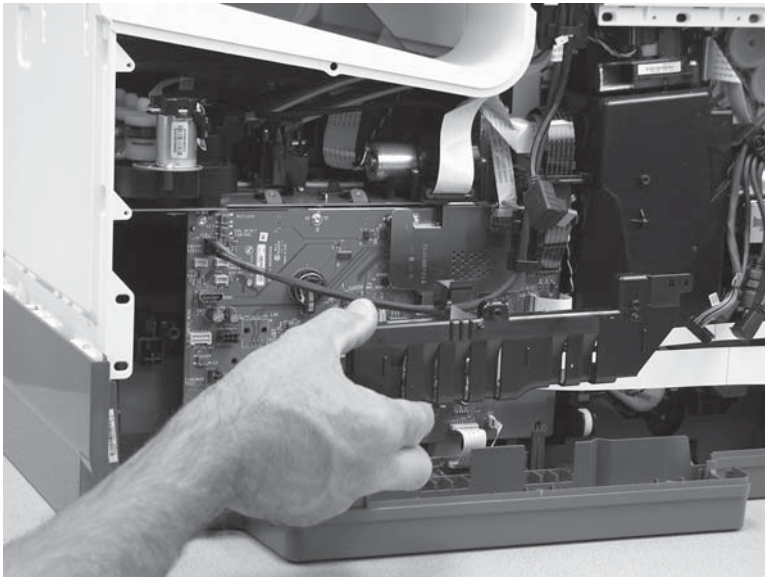
1. Remove two screws (callout 1).

Figure 1-883 Remove two screws



2. Remove the bracket.

Figure 1-884 Remove the bracket



Step 12: Remove the blank cover (DU)

1. Open the blank cover.


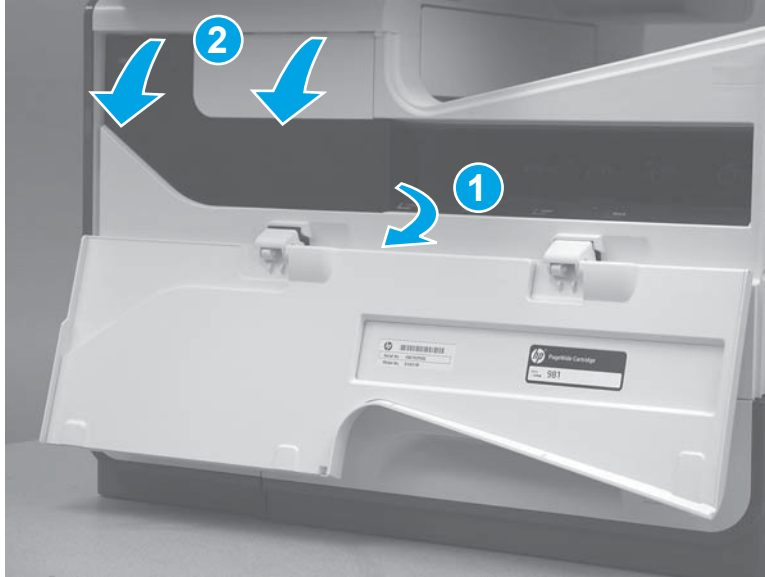
 **IMPORTANT:** The blank cover carries a serial number sticker. The cover/sticker must be transferred to the replacement print mechanism (PM).

Figure 1-885 Open the blank cover



2. Slide the cover to the right to release the right-side hinge.


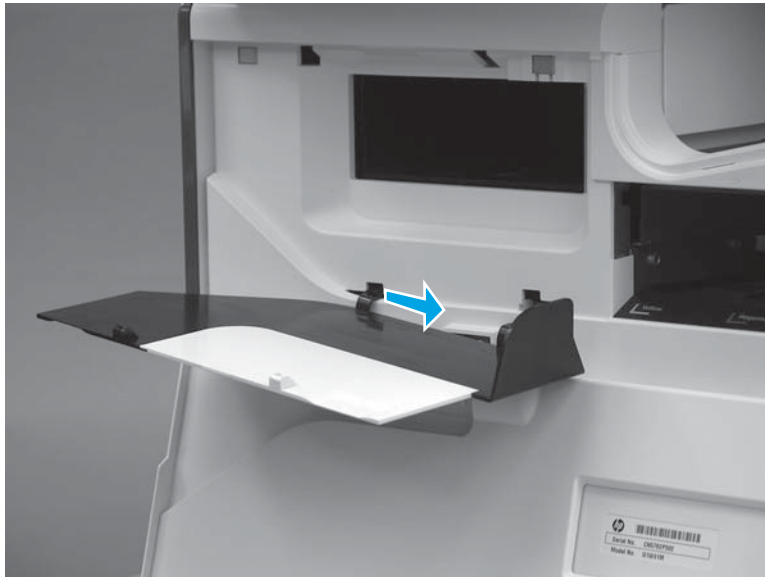
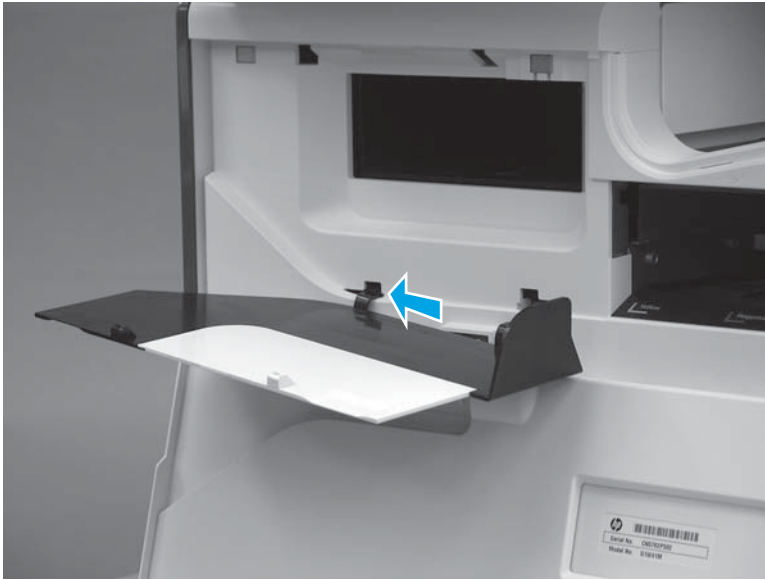
 **NOTE:** Slightly flexing the hinge makes releasing it easier.

Figure 1-886 Slide the cover to the right



3. Slide the cover to the left to release the left-side hinge.

Figure 1-887 Slide the cover to the left



4. Remove the blank cover.

Figure 1-888 Remove the blank cover



Step 13: Remove the Integrated Scanner Assembly (ISA) (DU)



NOTE: The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

1. If the control panel is in the down position, tilt it up to the fully raised position, and then open the document feeder.

Figure 1-889 Tilt the control panel up



2. Use a small flat blade screwdriver to release the small gray plastic cover under the control panel.

Figure 1-890 Release the small gray plastic cover



3. Remove the cover.

Figure 1-891 Remove the cover



4. Beginning at the left side of the control-panel cover, carefully release three bosses along the top edge of the cover.

Figure 1-892 Release three bosses



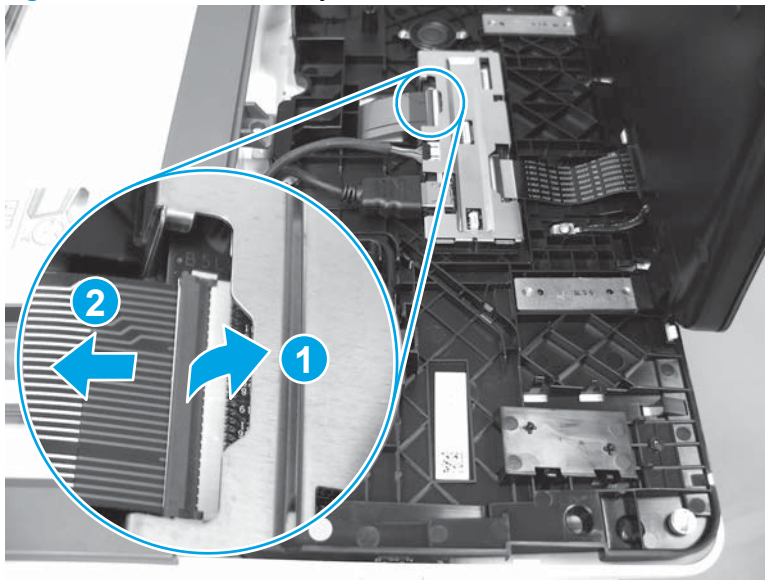
5. Lift up on the cover to release the right- and left-side bosses, and then remove the cover.

Figure 1-893 Remove the control-panel cover



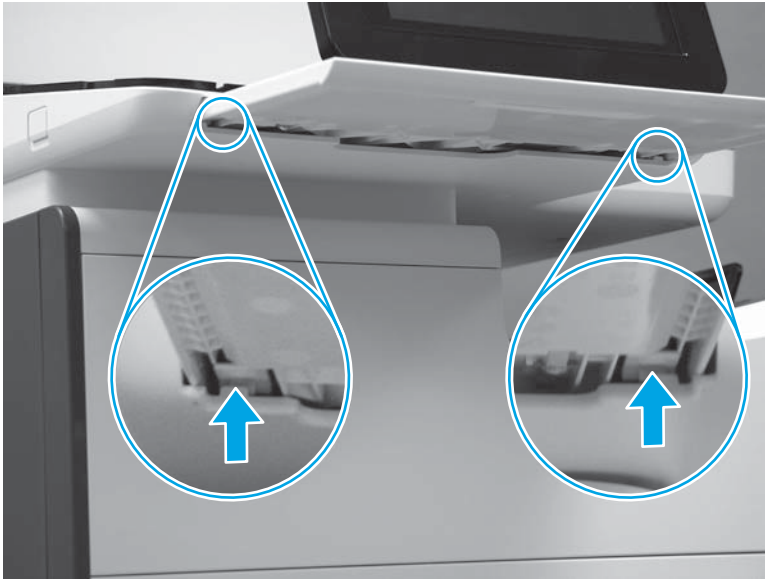
6. **586z only:** Open the connector latch to release the keyboard flat cable.

Figure 1-894 Release the keyboard cable (586z)



7. **586z only:** Slide the keyboard out until it stops, and then release two tabs on the keyboard.

Figure 1-895 Release two tabs (586z)



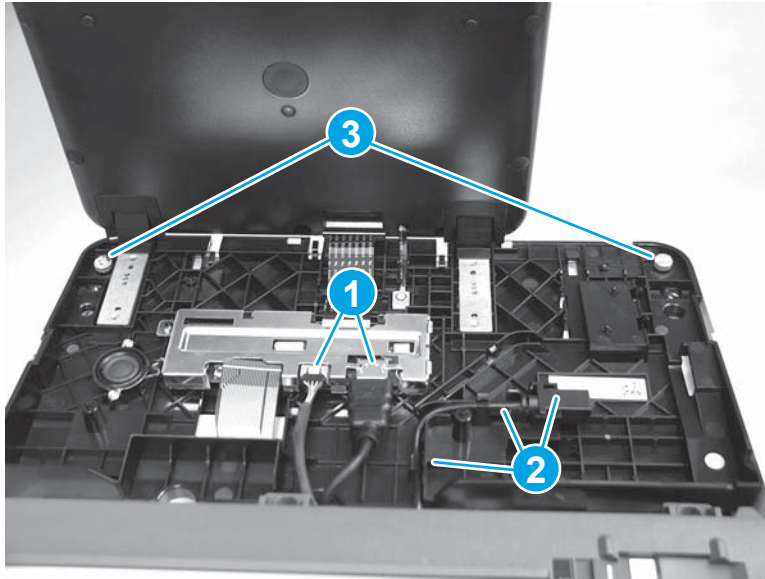
8. **586z only:** Remove the keyboard.

Figure 1-896 Remove the keyboard (586z)



9. Disconnect one HDMI cable and one connector (callout 1), release the USB cable from the holder and retainers (callout 2), and then remove two thumbscrews (callout 3).

Figure 1-897 Disconnect connectors and remove thumbscrews



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

Figure 1-898 Remove the control panel



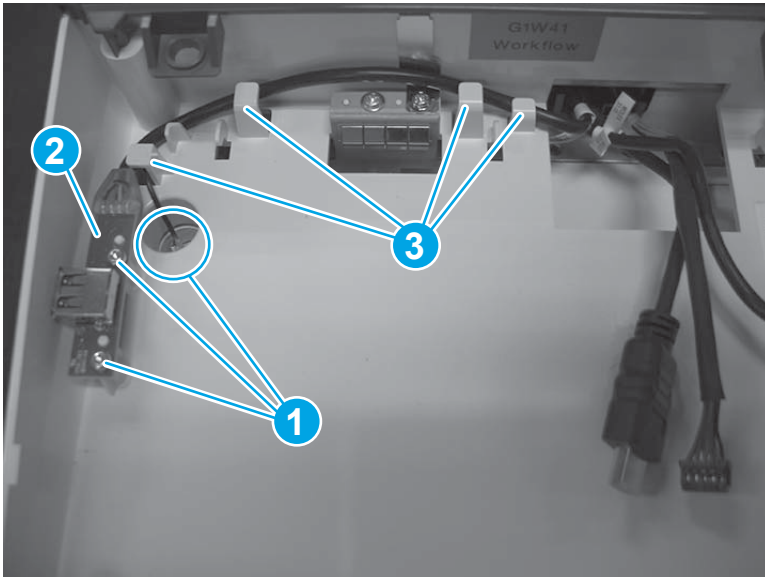
11. Remove the USB port cover.

Figure 1-899 Remove the USB port cover



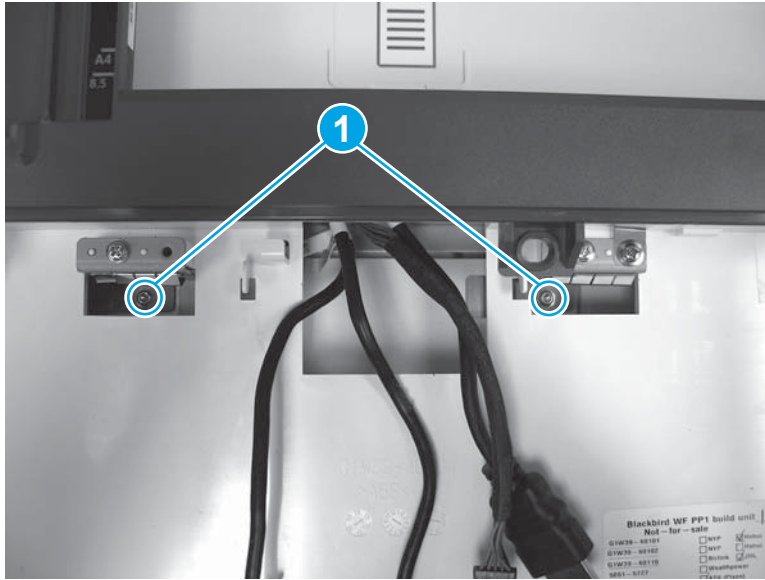
12. Remove three screws (callout 1) to release the USB port PCA (callout 2), and then release the cable from the retainers (callout 3).

Figure 1-900 Remove screws and release the cable



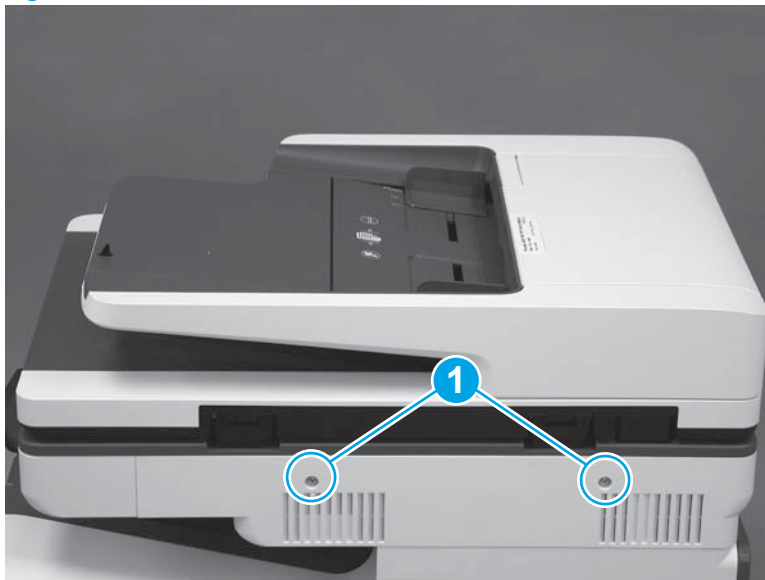
13. Remove two screws (callout 1).

Figure 1-901 Remove two screws



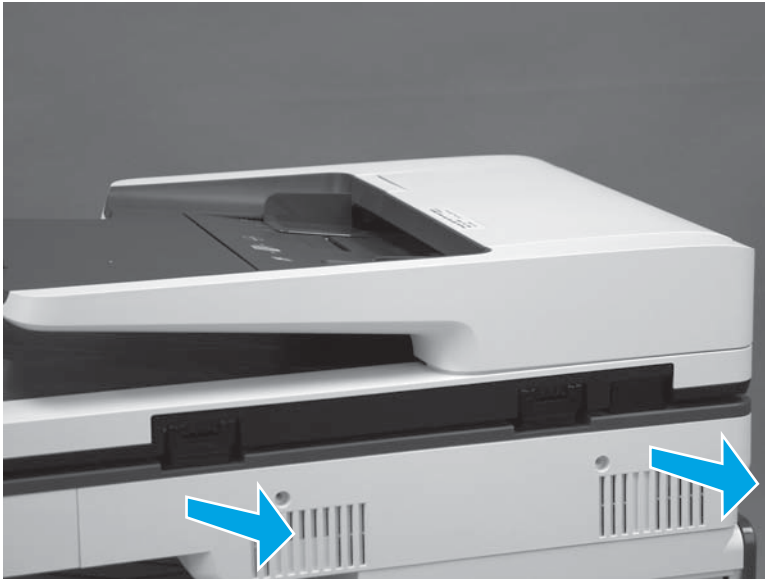
14. At the back of the printer, remove two screws (callout 1).

Figure 1-902 Remove two screws



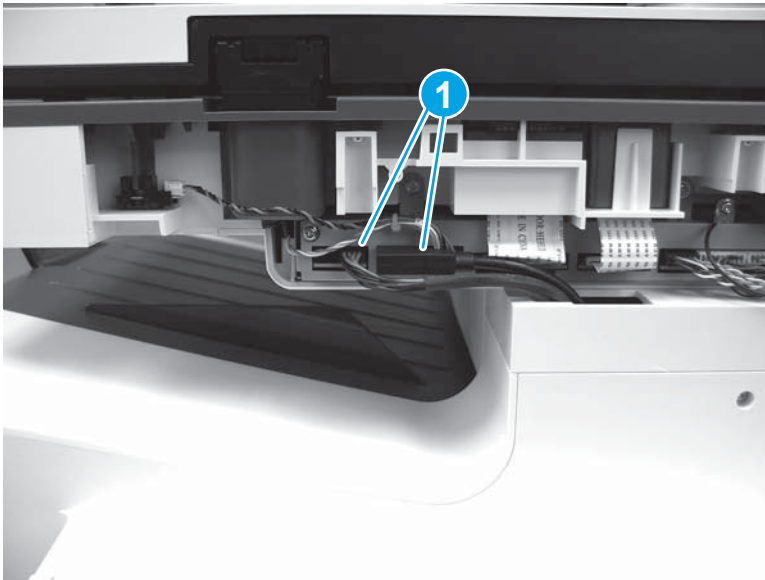
15. Pull the scanner control board (SCB) cover straight off the printer to remove it.

Figure 1-903 Remove the SCB cover



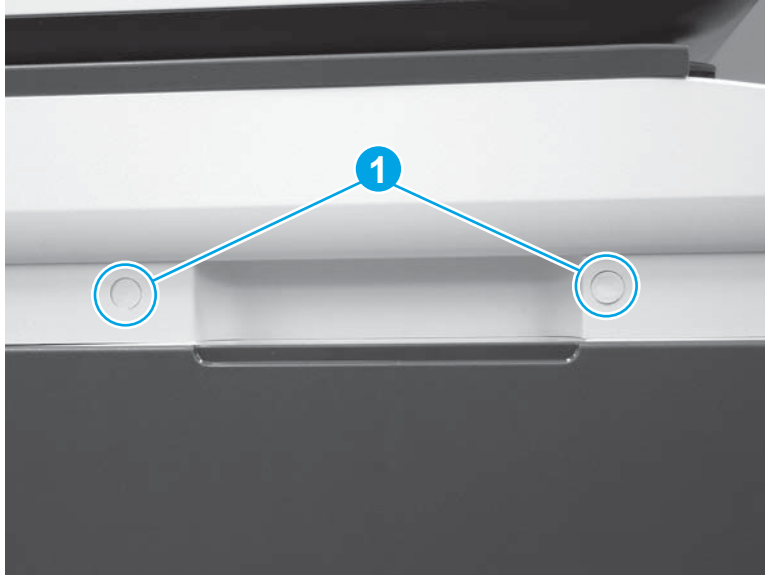
16. At the left end of the SCB, disconnect two connectors (callout 1).

Figure 1-904 Disconnect two connectors



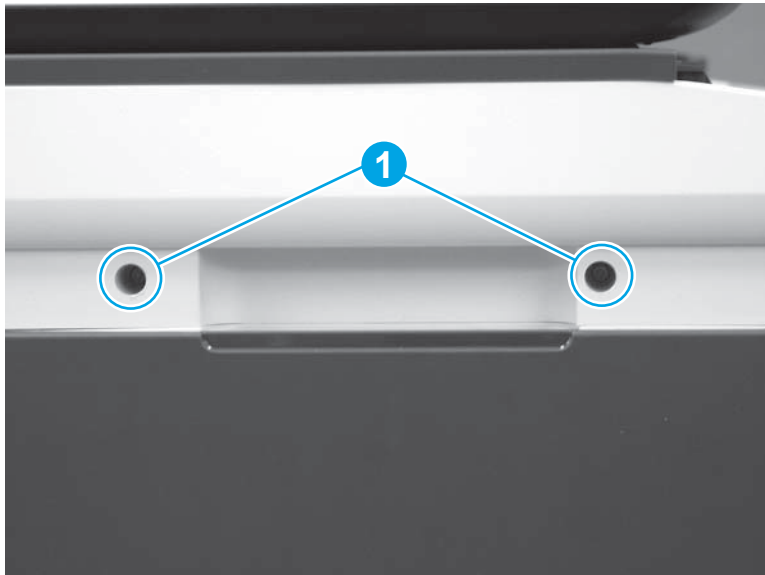
17. At the left side of the printer, use a small flat blade screwdriver to carefully remove two white rubber plugs (callout 1).

Figure 1-905 Remove two plugs



18. Remove two screws (callout 1).

Figure 1-906 Remove two screws



19. Use a flat blade screwdriver to release the scanner base cover.


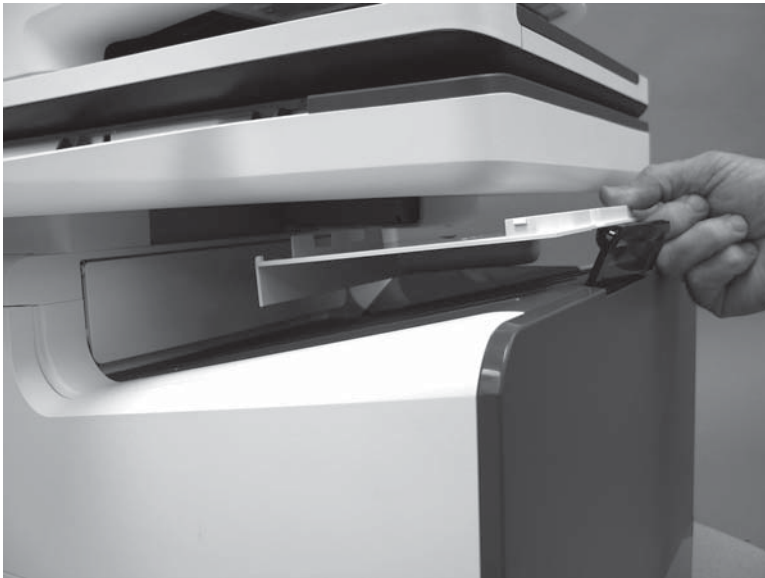
 **NOTE:** Use a screwdriver with at least a 152 mm (6 in) shaft to release the cover. This cover can be difficult to remove and might require some force to release it from the ISA.

Figure 1-907 Release the cover



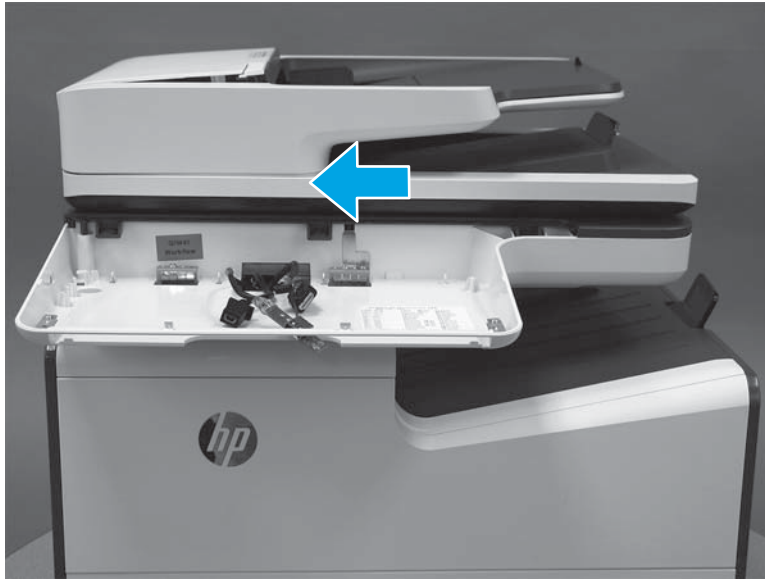
20. Remove the cover.

Figure 1-908 Remove the scanner base cover



21. Slightly slide the ISA toward the left side of the printer to release it.

Figure 1-909 Slide the ISA left



22. Slightly lift the front of the ISA up, and then pass the wire harnesses and cables through the opening in the ISA chassis.

CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

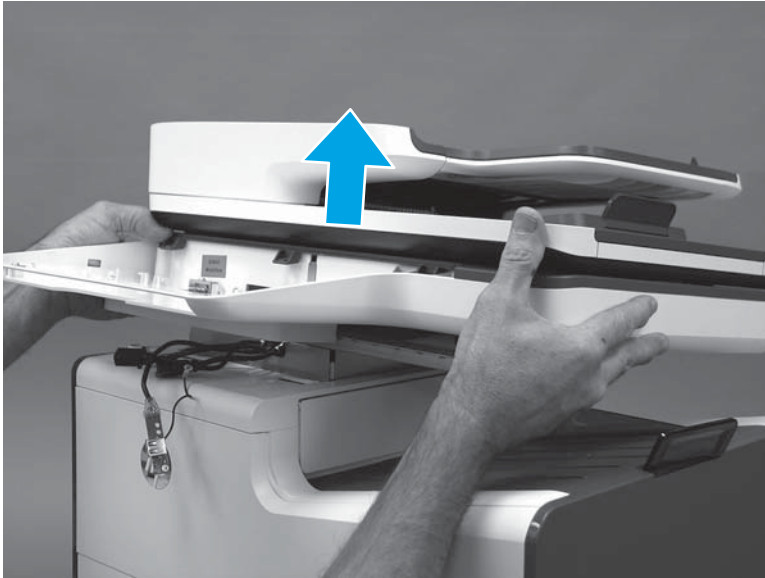
Figure 1-910 Pass the wire harnesses and cables through the opening



23. Lift the ISA straight up and off of the printer base to remove it.

CAUTION: The ISA is bulky and heavy. Do not drop the ISA.

Figure 1-911 Remove the ISA



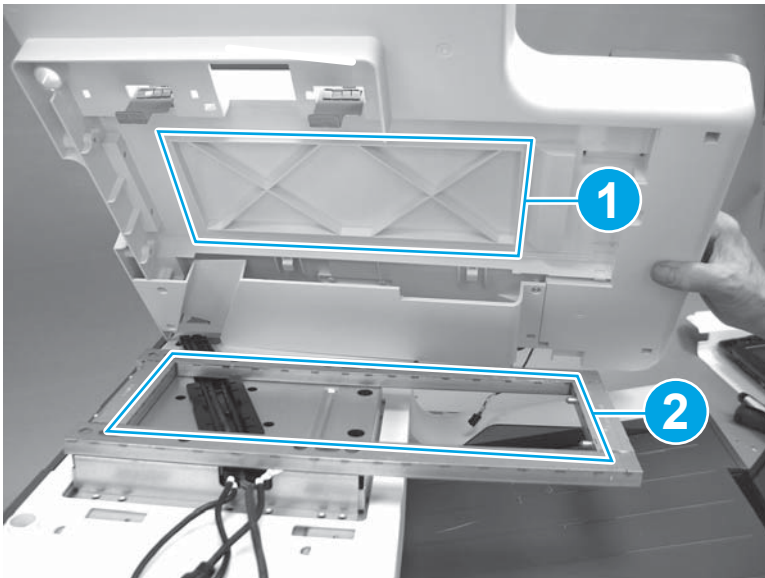
Step 14: Install the Integrated Scanner Assembly (ISA) (PM)

NOTE: The ISA includes the document feeder, sub-scanner assembly (SSA), and the scanner control board (SCB)

586 printers only.

1. Before proceeding, locate the ISA mounting bracket (callout 1) on the bottom of the ISA and the tray (callout 2) on the printer base.

Figure 1-912 Locate the ISA mounting bracket

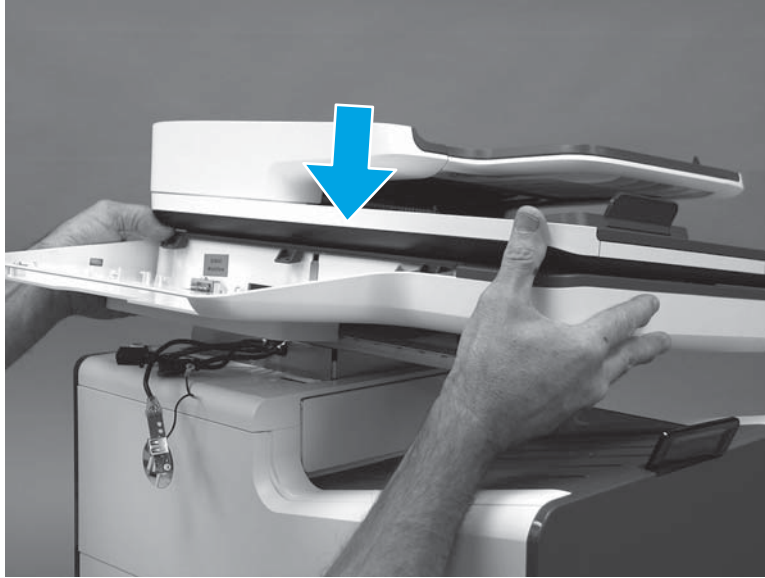


2. Position the ISA on the printer.

CAUTION: The ISA is bulky and heavy. Do not drop the ISA.

IMPORTANT: Keep the front of the ISA tilted up so the cables and wire harness are not damaged.

Figure 1-913 Install the ISA



3. With the front of the ISA tilted up, pass the wire harnesses and cables through the opening in the ISA chassis.

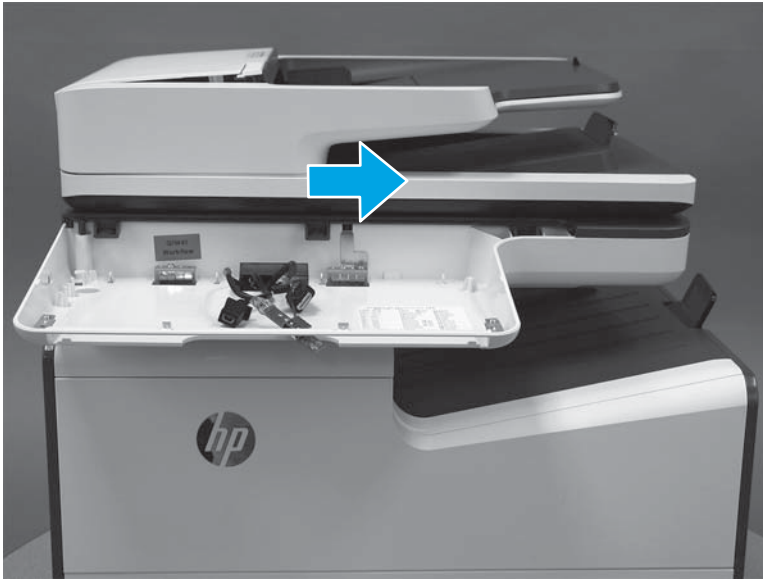
CAUTION: The ISA is not captive on the printer base. Do not let it fall off of the printer base.

Figure 1-914 Pass the wire harnesses and cables through the opening



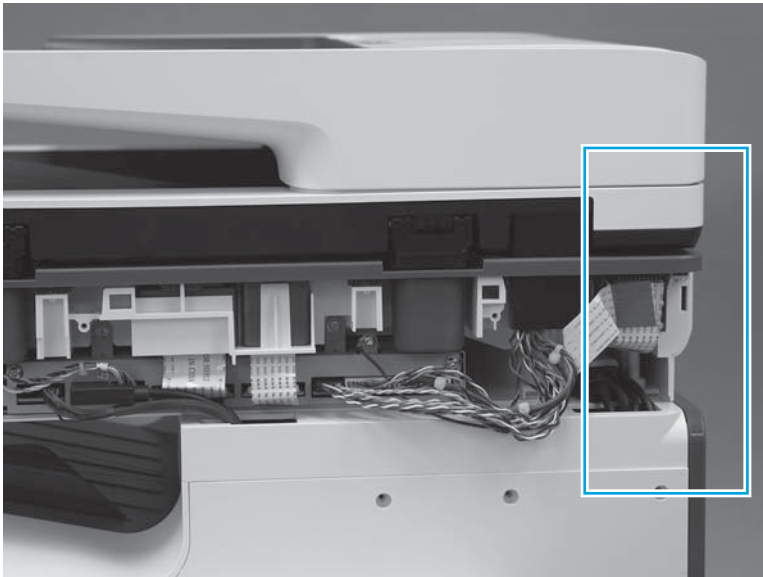
4. Lower the front of the ISA, and then slightly slide it toward the right side of the printer to engage it.

Figure 1-915 Slide the ISA right



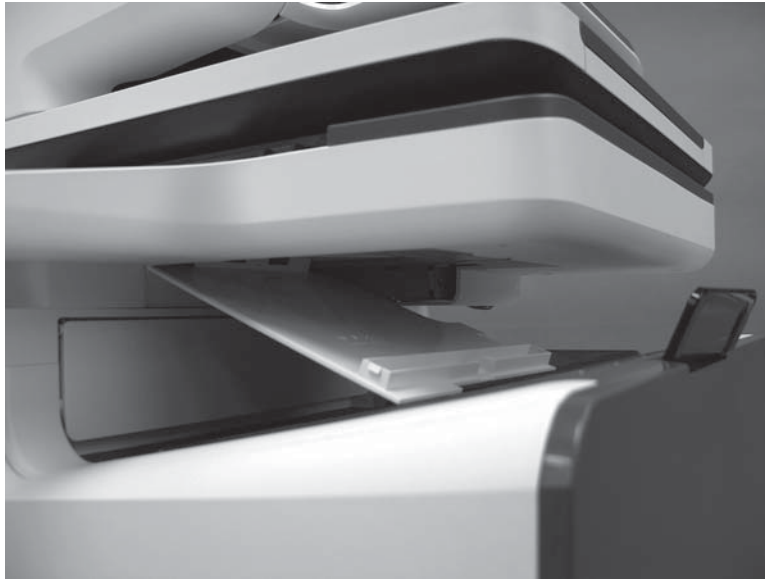
5. Before proceeding, at the back of the printer, look at the alignment of the ISA and printer base to verify that the ISA is fully seated. The edge of the ISA should be in line with the side of the printer base.

Figure 1-916 Check the ISA and printer base alignment



6. Position the scanner base cover on the printer.

Figure 1-917 Install the scanner base cover

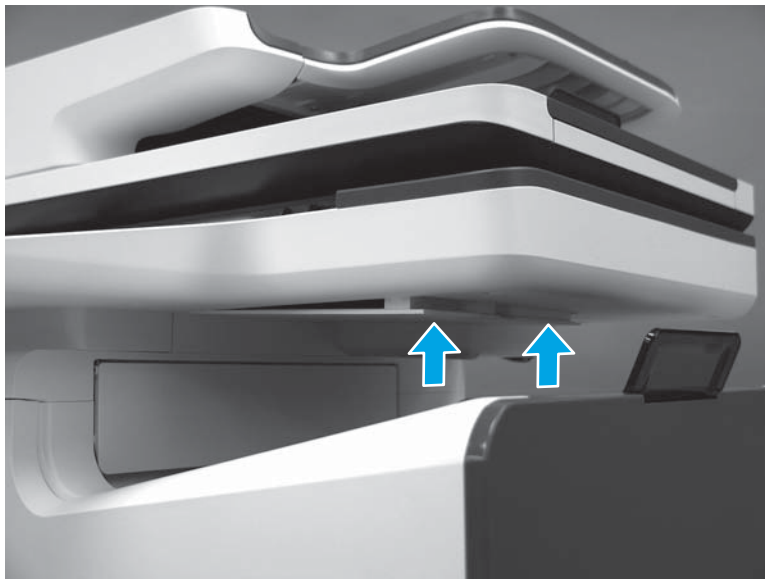


7. Push up on the cover to install it.



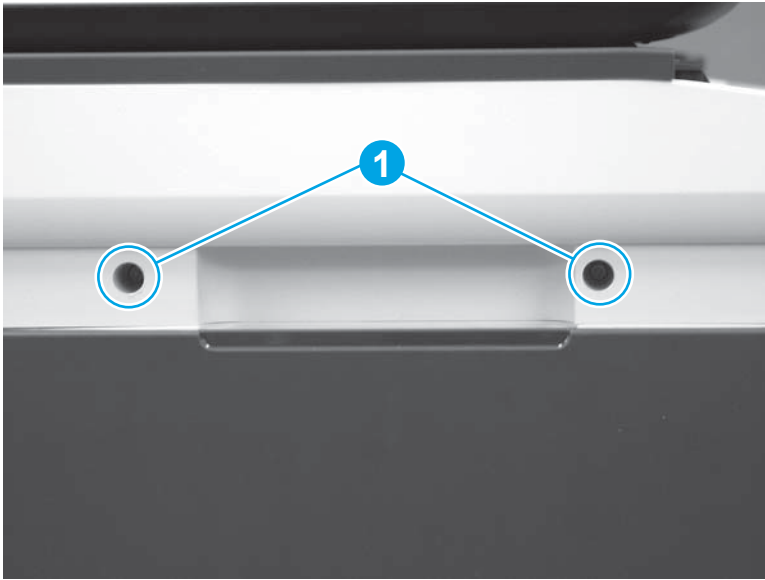
NOTE: Installing the cover might require considerable force to snap it into place

Figure 1-918 Install the cover



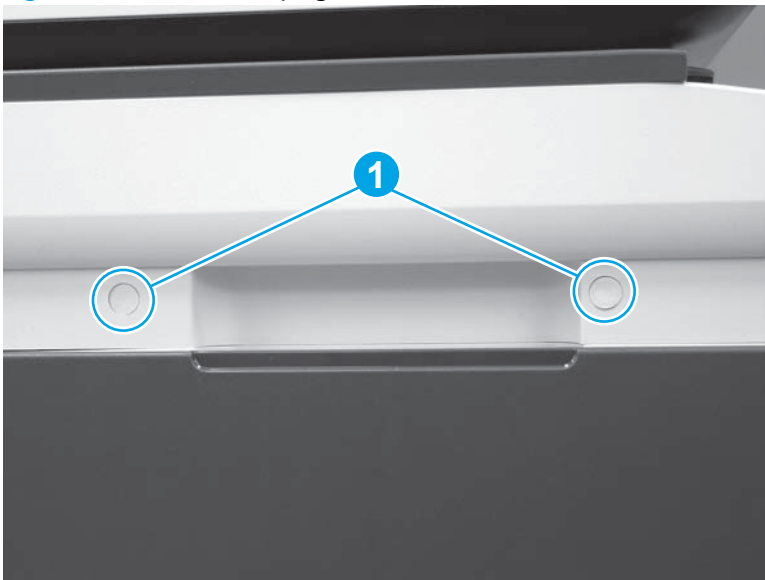
8. At the left side of the printer, install two screws (callout 1).

Figure 1-919 Install two screws



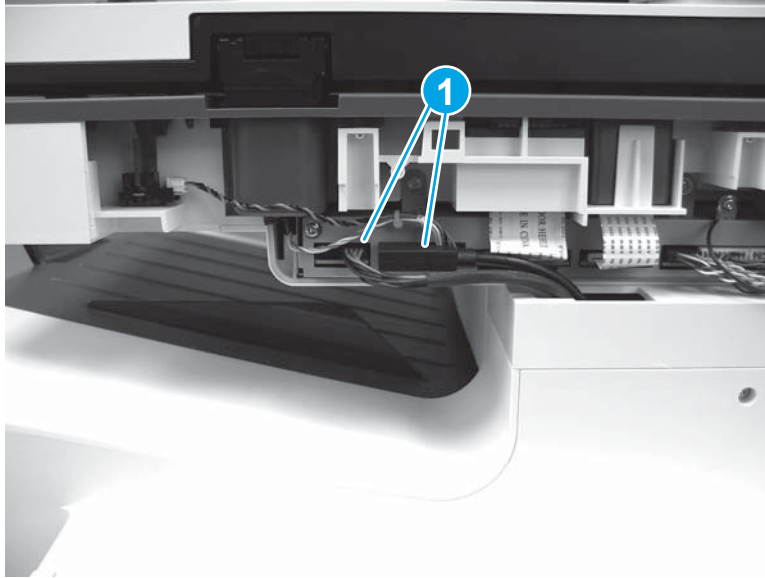
9. Install two white rubber plugs (callout 1).

Figure 1-920 Install two plugs



10. At the rear of the printer, connect two connectors (callout 1) to the SCB.

Figure 1-921 Connect two connectors



11. Align the tabs on the back side of the SCB cover with the slots in the printer.

Figure 1-922 Align the tabs on the SCB cover



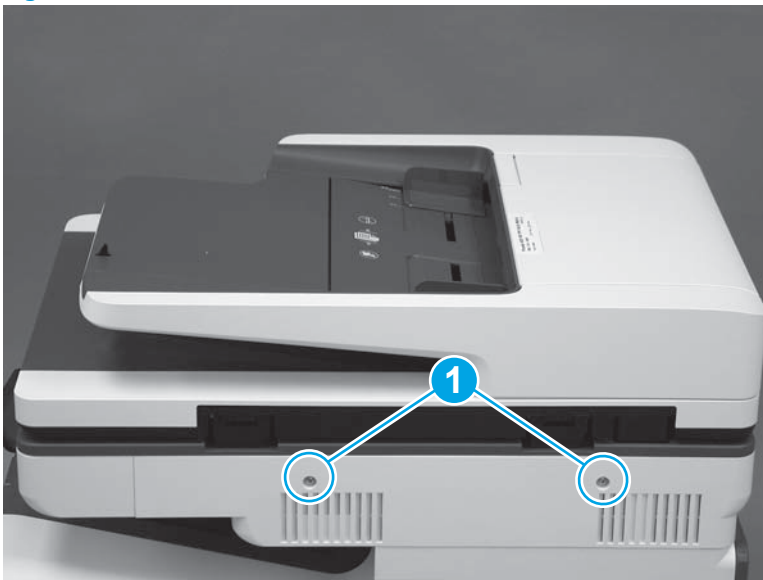
12. Push the cover straight in to install it.

Figure 1-923 Install the SCB cover



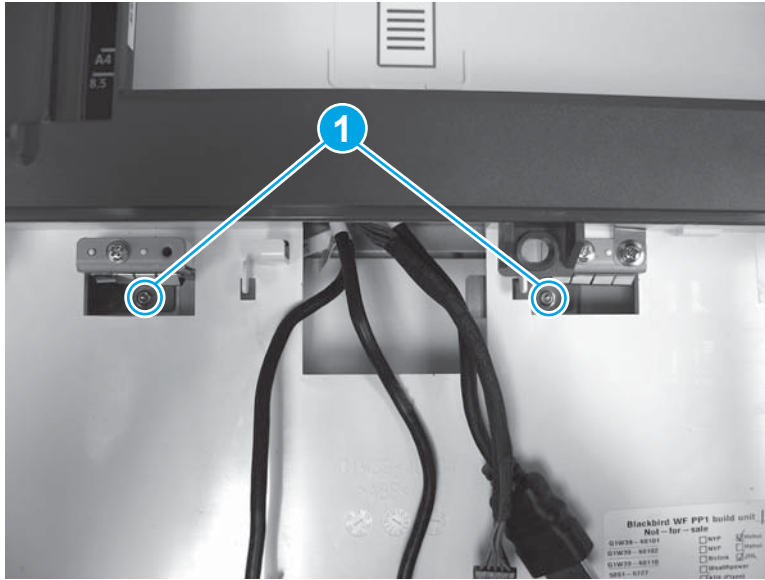
13. Install two screws (callout 1).

Figure 1-924 Install two screws



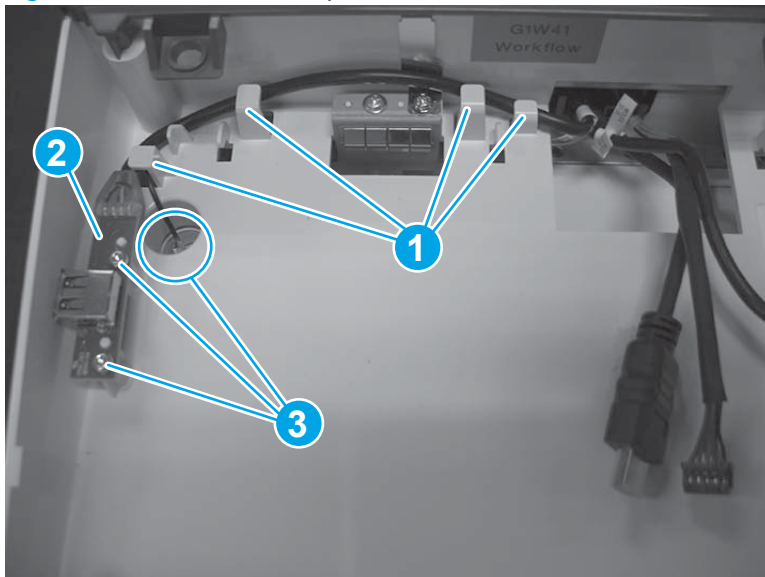
14. At the front of the printer (control panel area), install two screws (callout 1).

Figure 1-925 Install two screws



15. Install the cable in the retainers (callout 1), position the USB on the mounting bosses (callout 2), and then install three screws (callout 3).

Figure 1-926 Install the USB port PCA



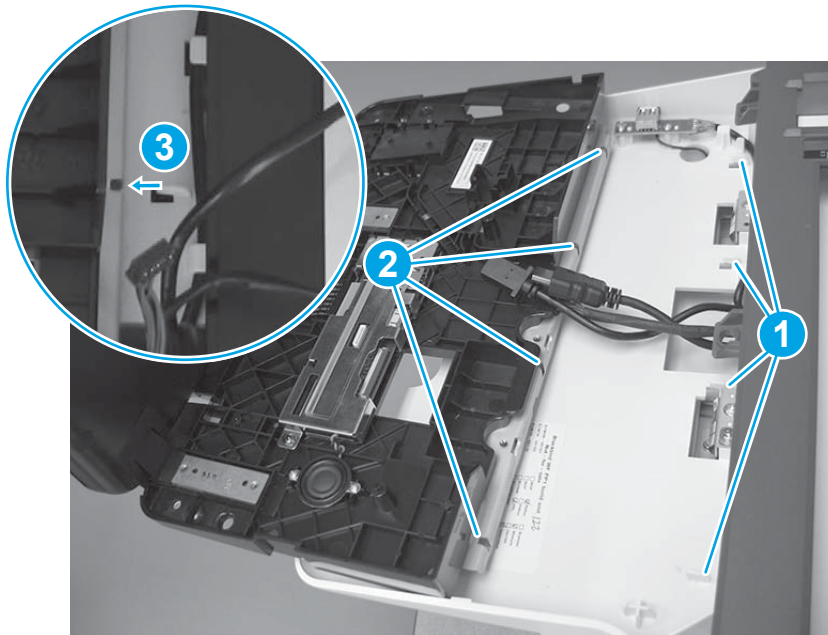
16. Install the USB port cover.

Figure 1-927 Install the USB port cover



17. Locate the four hooks on the ISA chassis (callout 1) and the matching slots in the control-panel base (callout 2). The hooks fit into the slots (callout 3) when the assembly is installed.

Figure 1-928 Locate the control-panel mounting hooks and slots



18. Position the rear edge of the control panel in the ISA chassis (callout 1), and then lower the front of the assembly down (callout 2).


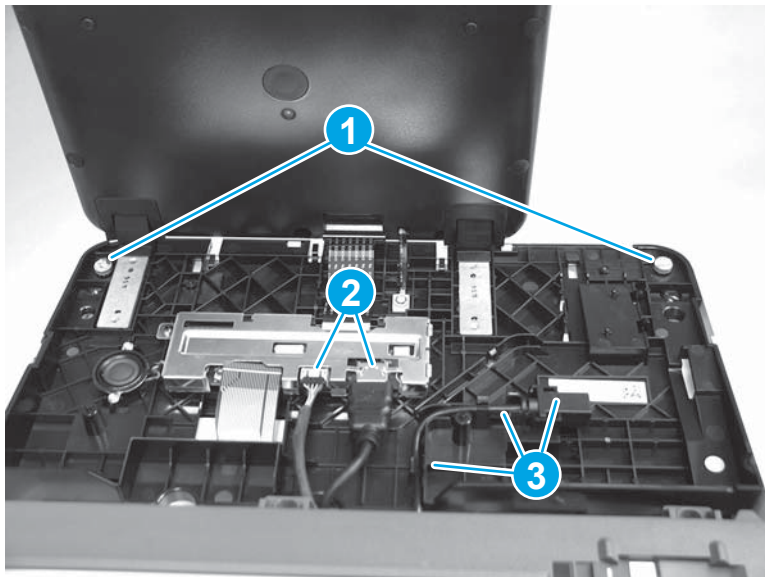
 **NOTE:** Make sure that the hooks on the ISA chassis are engaged in the slots of the control-panel base (see step 17).

Figure 1-929 Install the control panel



19. Install two thumbscrews (callout 1), connect one HDMI cable and one connector (callout 2), and then install the USB cable in the holder and retainers (callout 3).

Figure 1-930 Install thumbscrews and connect connectors



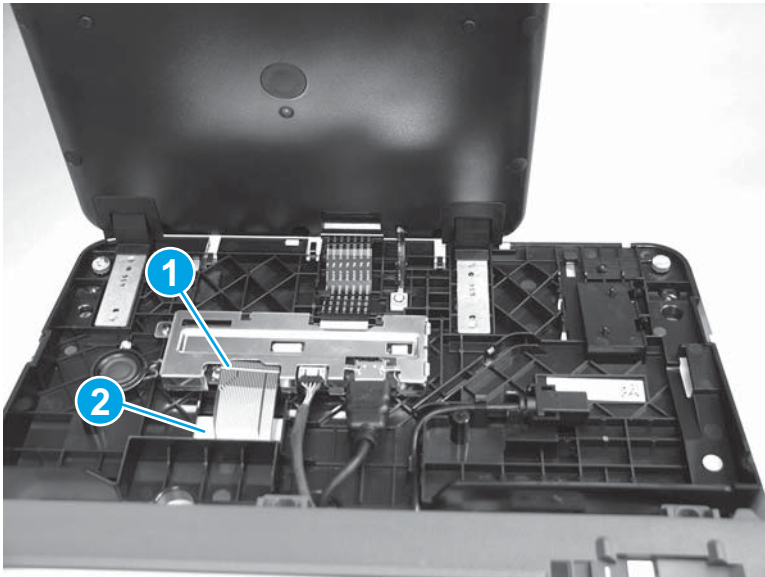
20. **586z only:** Install the keyboard, and then slide it in until it stops.

Figure 1-931 Install the keyboard (586z)



21. **586z only:** As the keyboard is installed, pass the flat cable (callout 1) through the opening (callout 2) in the control-panel base.

Figure 1-932 Pass the flat cable through the opening



- 22. 586z only:** Insert the Flat cable in the connector, and then close the latch.


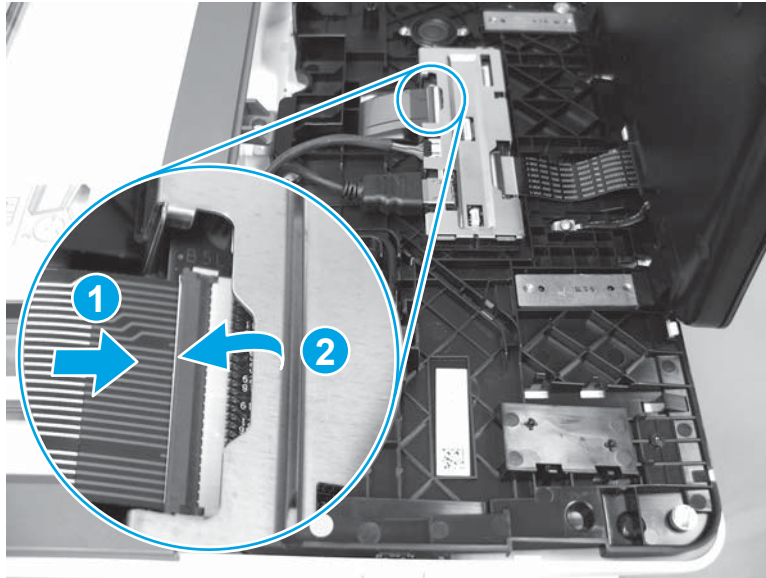
 **TIP:** When the flat cable is correctly inserted in the connector, the white line on the flat cable is parallel to the connector body.

Figure 1-933 Connect the keyboard cable (586z)



- 23.** Position the control-panel cover on the control panel.

Figure 1-934 Install the cover



24. Beginning at the right side of the control-panel cover, carefully push down along the top edge of the cover to engage the bosses.


 **NOTE:** If the right- and left-side bosses are not fully engaged, push down along the edge of the cover to fully seat them.

Figure 1-935 Install the control-panel cover



25. Position the small gray plastic cover in the slot under the control panel, and then push it straight in to install it.

Figure 1-936 Install the cover



Step 15: Install the blank cover (PM)

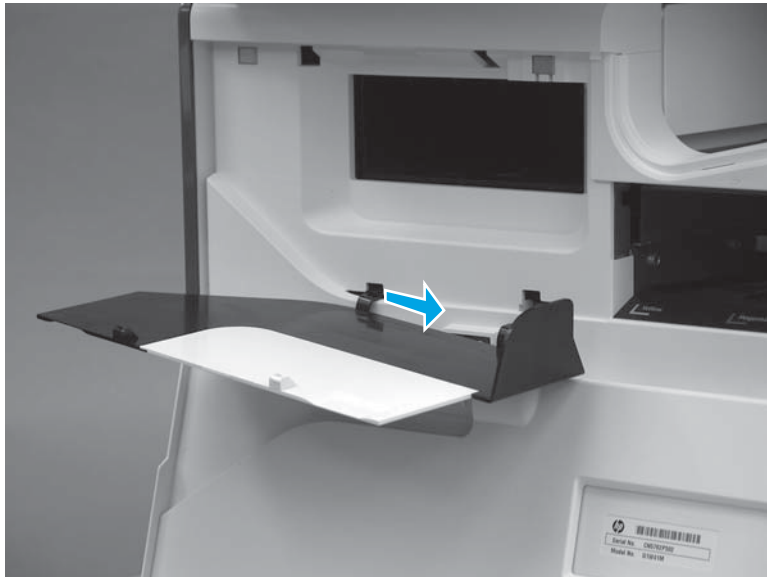
1. Align the hinges on the blank cover with the slots in the printer.

Figure 1-937 Install the blank cover



2. Install the left-side hinge.

Figure 1-938 Install the left-side hinge



3. Install the right-side hinge.


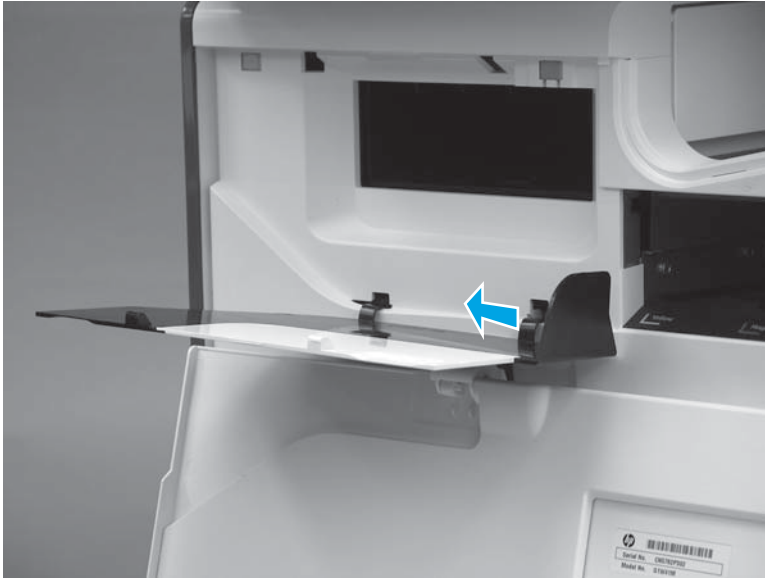
 **NOTE:** Slightly flexing the hinge makes installing it easier.

Figure 1-939 Install the right-side hinge



4. Close the blank cover.

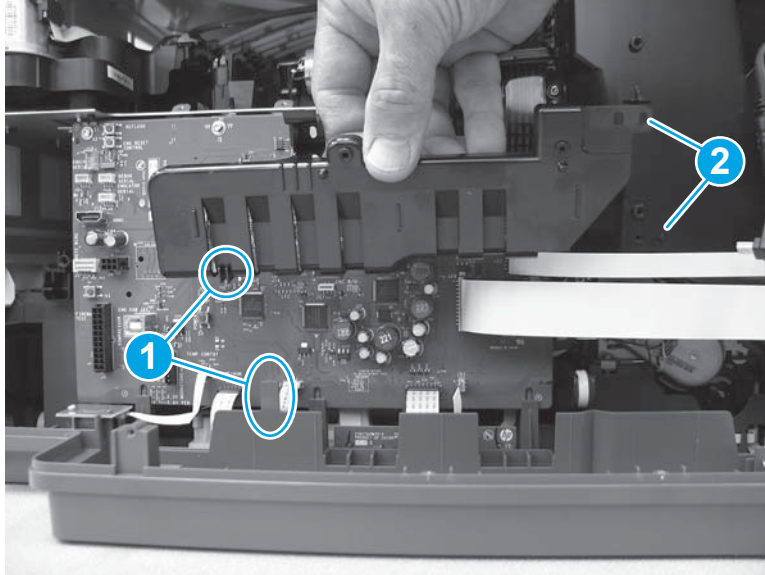
Figure 1-940 Close the blank cover



Step 16: Install the power supply mounting bracket (PM)

1. When the bracket is properly installed the following occurs:
 - The slot on the bracket rests on the tab of the printer cover (callout 1).
 - The alignment pin on the printer fits into the hole in the bracket (callout 2).

Figure 1-941 Correctly installed power supply mounting bracket

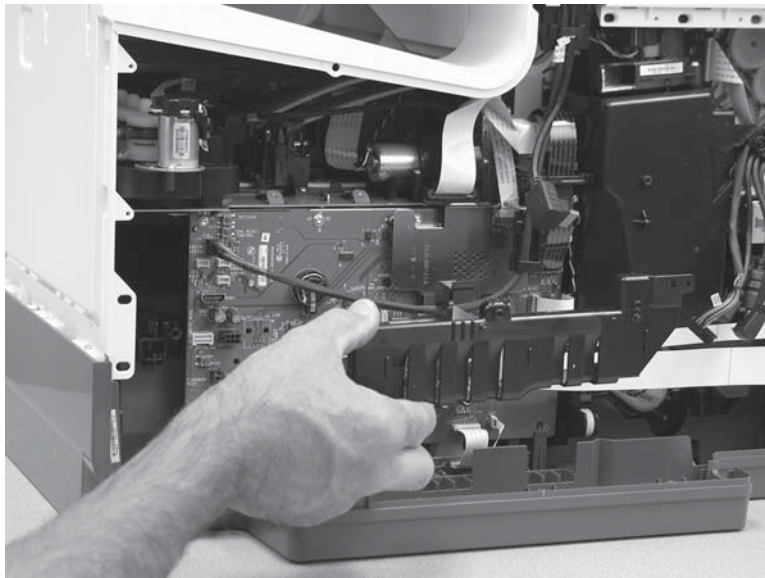


2. Position the bracket on the printer.



NOTE: The bracket placement might need to be adjusted, so do not install the mounting screws until after the power supply is installed.

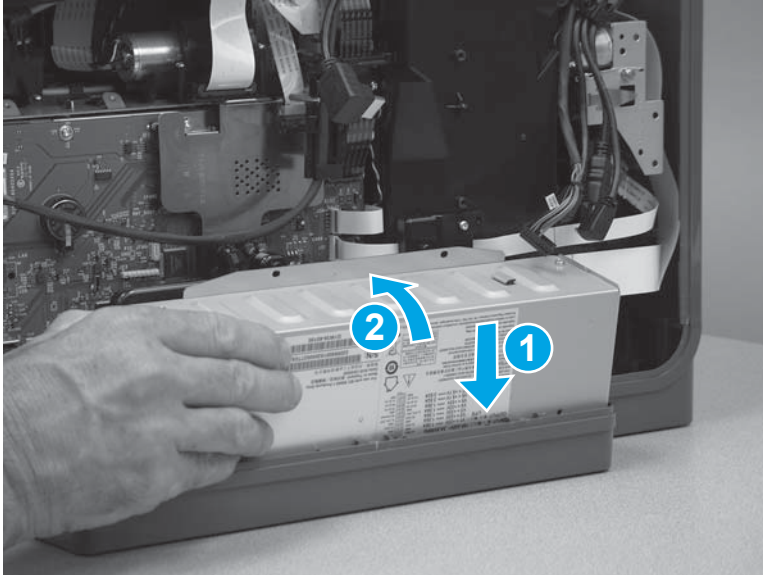
Figure 1-942 Install the bracket



Step 17: Install the power supply (PM)

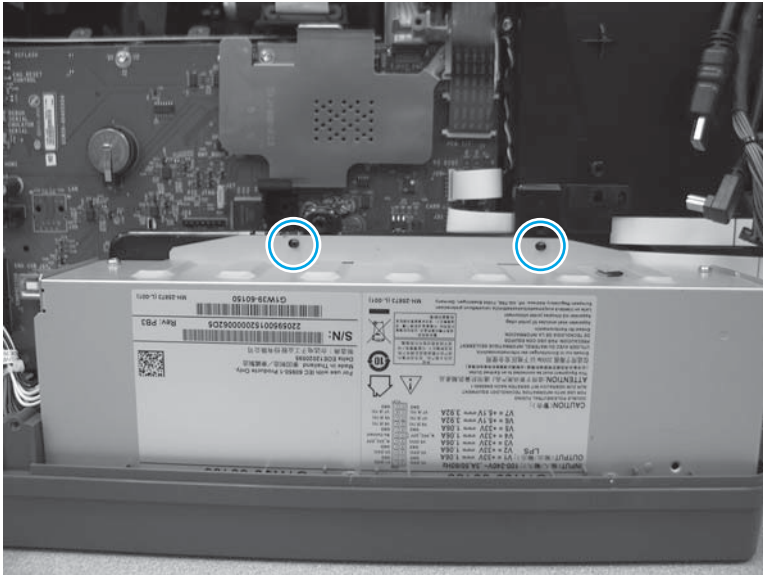
1. Install the power supply.

Figure 1-943 Install the power supply.



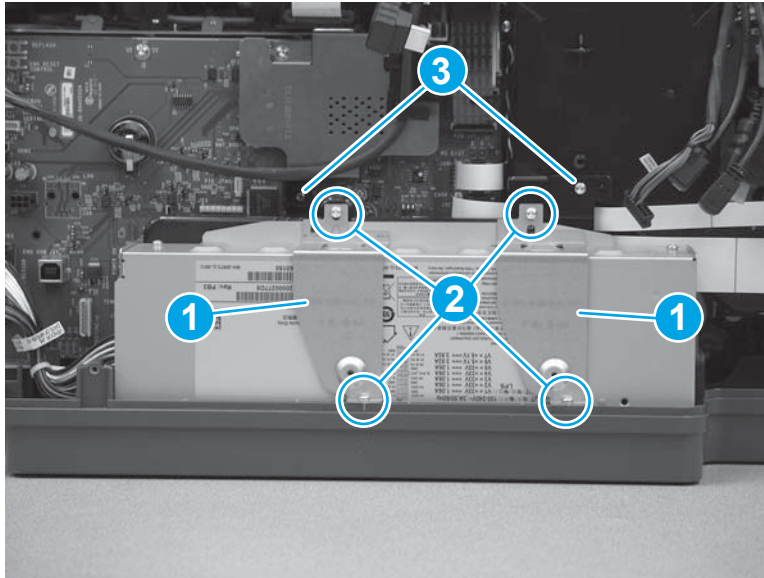
2. After installing the power supply, adjust the bracket as necessary to make sure that the locator pins fit into the holes on the assembly.

Figure 1-944 Check the locator pins



3. Install two brackets (callout 1), install four screws (callout 2), and then install two screws (callout 3).

Figure 1-945 Install brackets and screws



4. Connect one connector (callout 1).


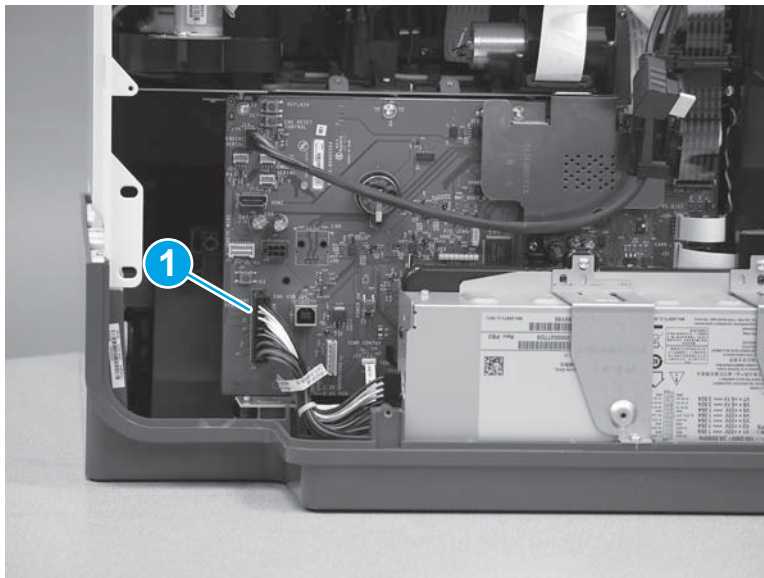

 **TIP:** This connector might take more than normal force to connect. Make sure it is full seated into the connector body.

Figure 1-946 Connect one connector

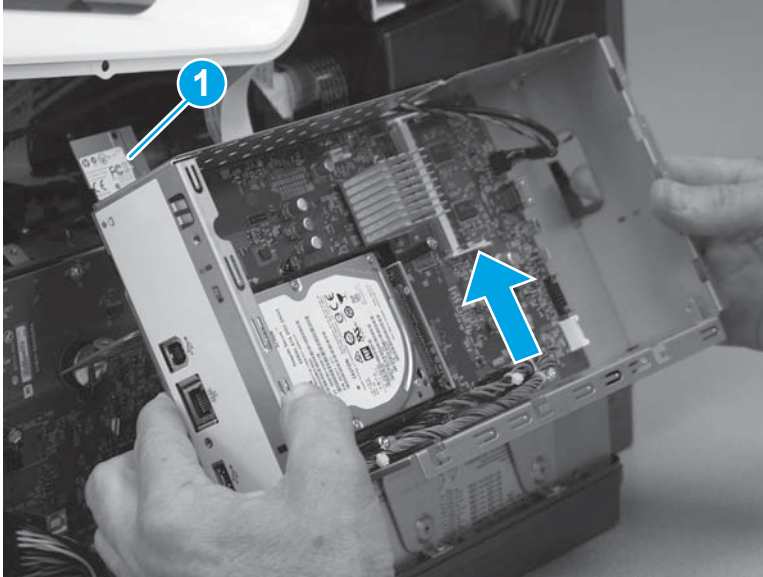


Step 18: Install the formatter and formatter cage (PM)

 **NOTE:** This step is for the 556 printer. For the 586 printer, skip this step and go to [Step 10: Install the formatter and formatter cage \(586\) on page 464](#).

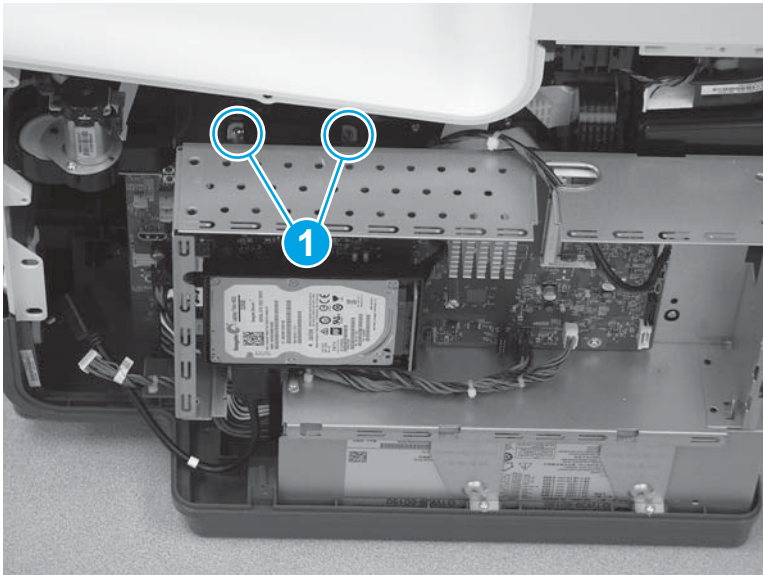
1. Install the formatter and formatter cage assembly.

Figure 1-947 Disconnect connectors



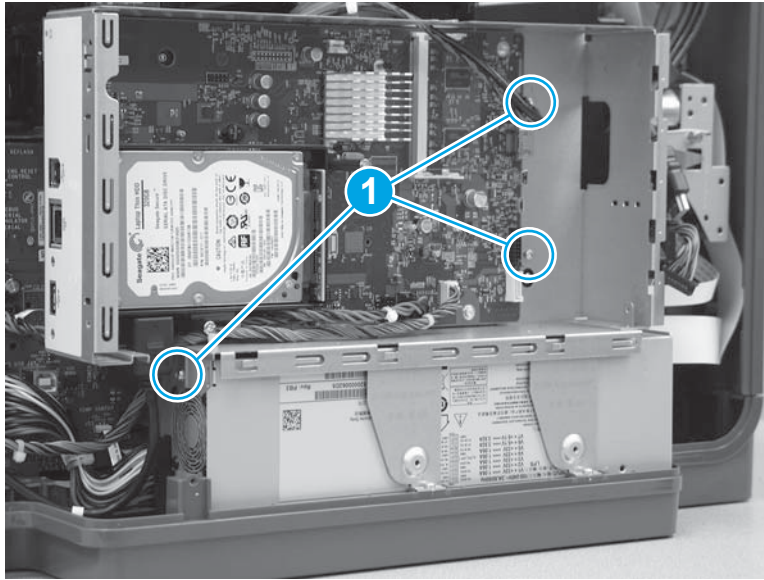
2. Install two screws (callout 1).

Figure 1-948 Install two screws



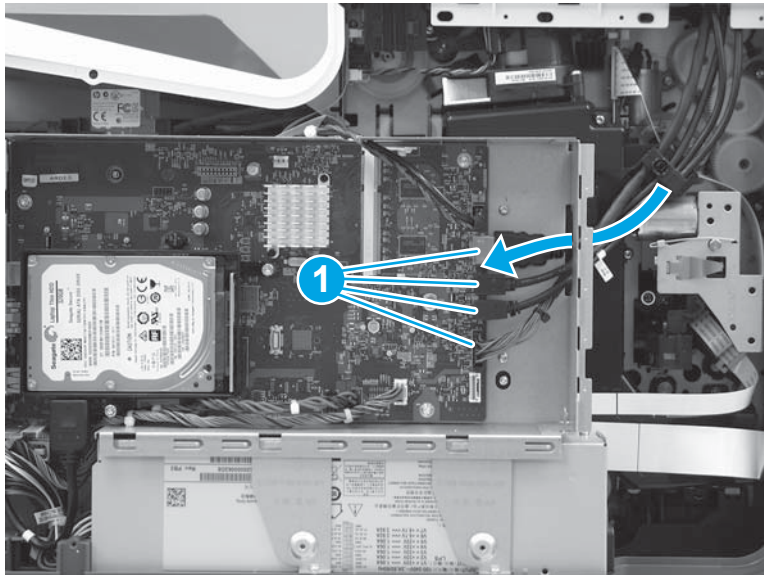
3. Install three screws (callout 1).

Figure 1-949 Install three screws



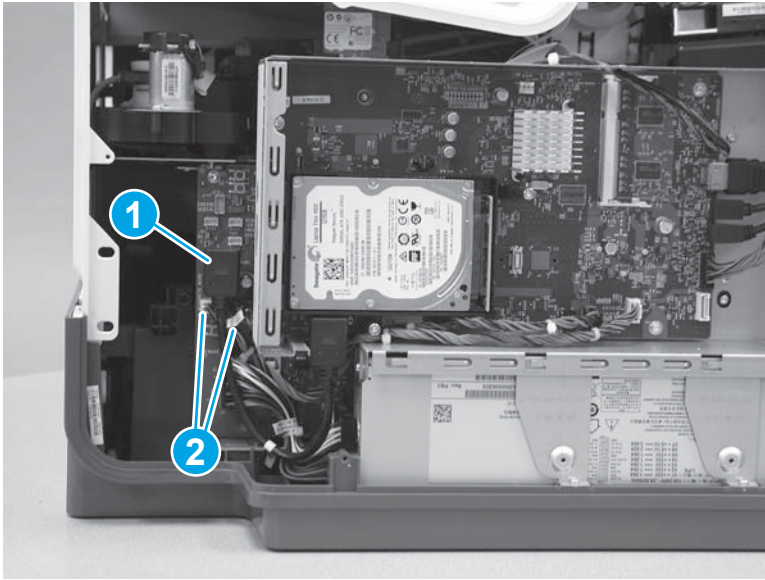
4. Pass the cables and wire harness through the opening in the formatter cage, and then connect four connectors (callout 1).

Figure 1-950 Connect connectors



5. Connect one HDMI cable (callout 1), and then connect two connectors (callout 2).

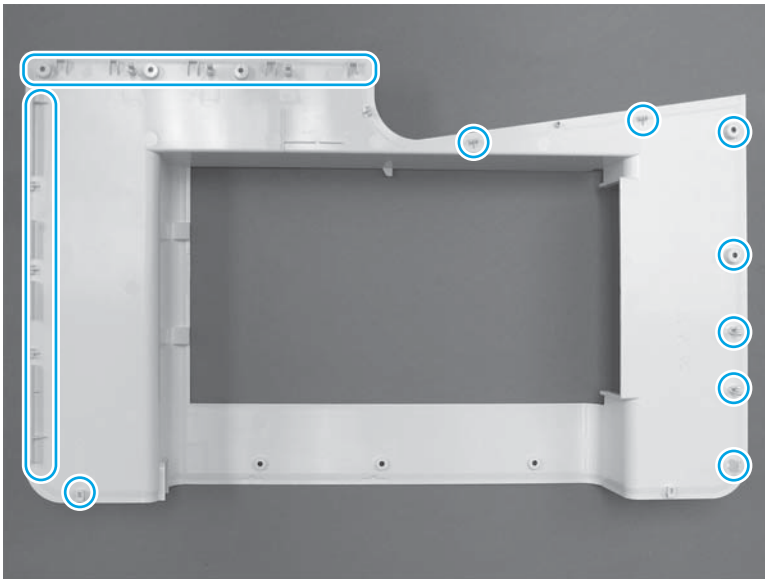
Figure 1-951 Connect connectors



Step 19: Install the rear cover (PM)

1. Before proceeding, take note of the tabs and bosses on the rear cover.

Figure 1-952 Find the tabs and bosses on the rear cover



2. Position the bottom edge of the cover on the printer.


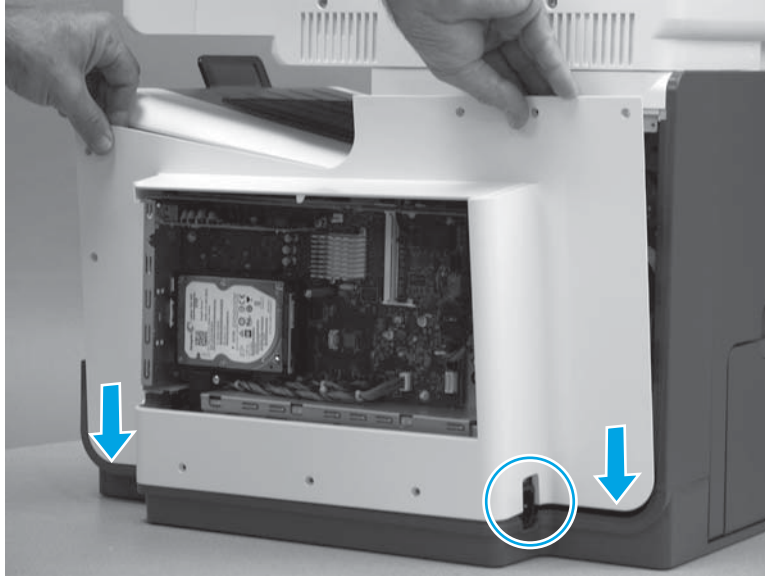
 **IMPORTANT:** Make sure that the inner two tabs on the cover bottom corners engages with the printer chassis, and that the slot in the cover is fitted correctly over the power supply receptacle.

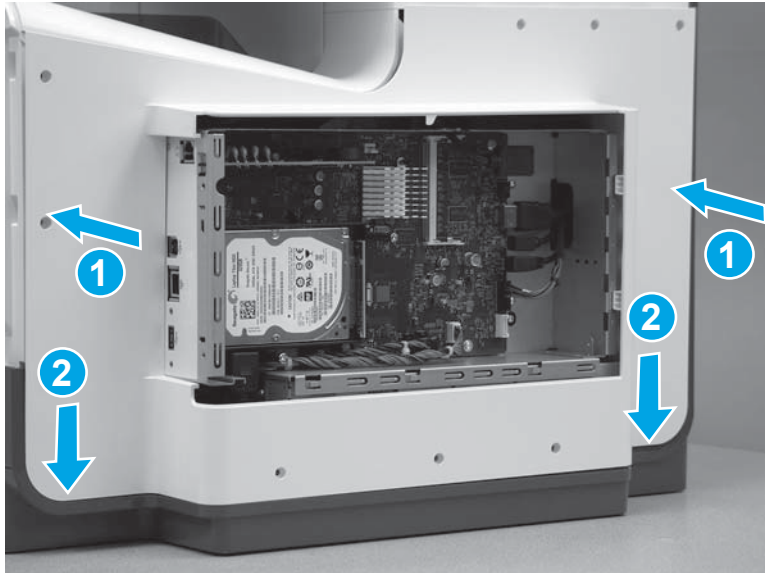
Figure 1-953 Install cover



3. Starting at the bottom of the cover and working upward, push in along the edges of the cover to engage the bosses along the right and left side of the cover (callout 1).

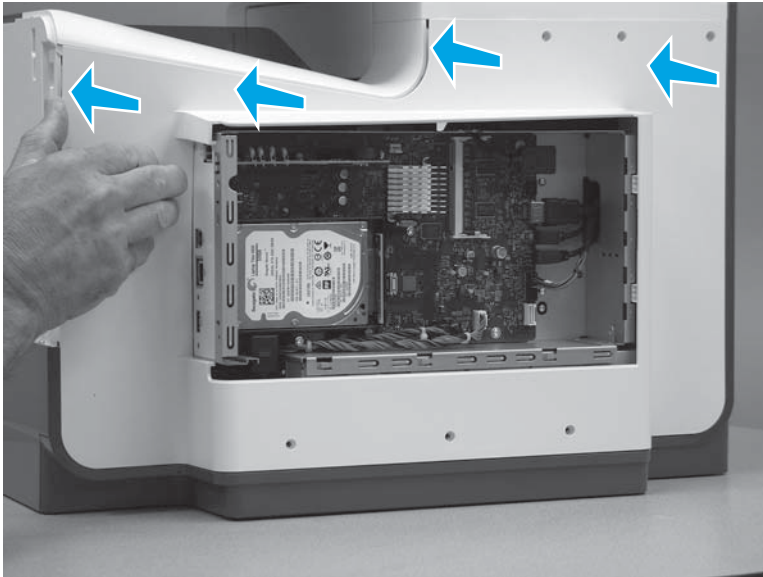
 **NOTE:** Make sure that the bottom edge of the cover (callout 2) remains engaged.

Figure 1-954 Engage the sides of the cover



- Starting at the right upper corner of the cover and working toward the left, push in along the top edge of the cover to engage the bosses along the top of the cover.

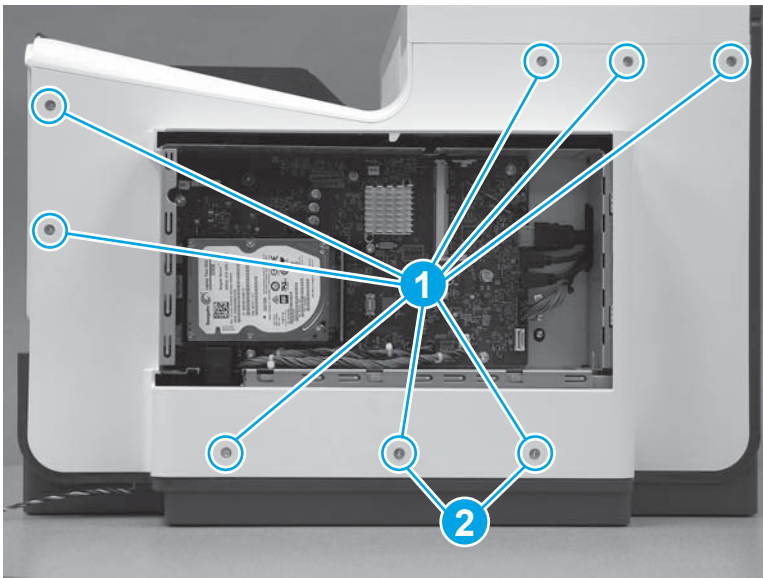
Figure 1-955 Release the top edge of the cover



- Install eight screws (callout 1).

 **NOTE:** Two of these screws (callout 2) are a different type (machine screws) than the others. Make sure that they are installed in the correct position.

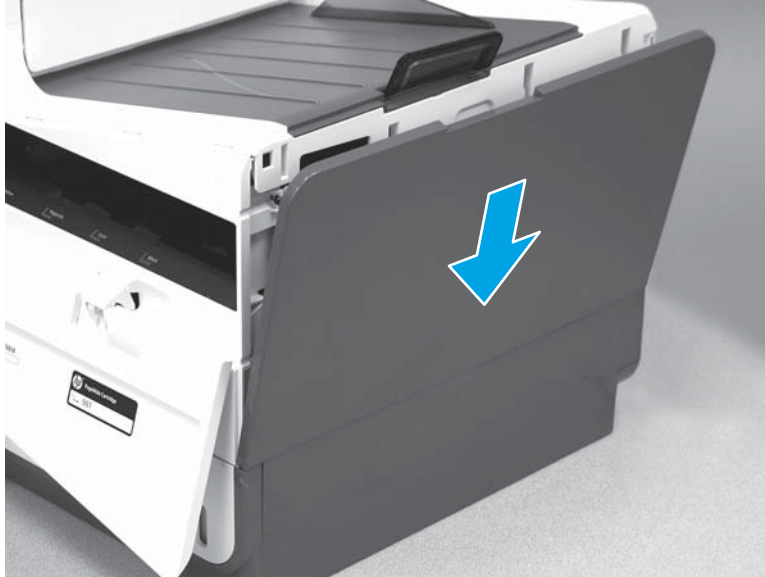
Figure 1-956 Install eight screws



Step 20: Install the right cover (outer) (PM)

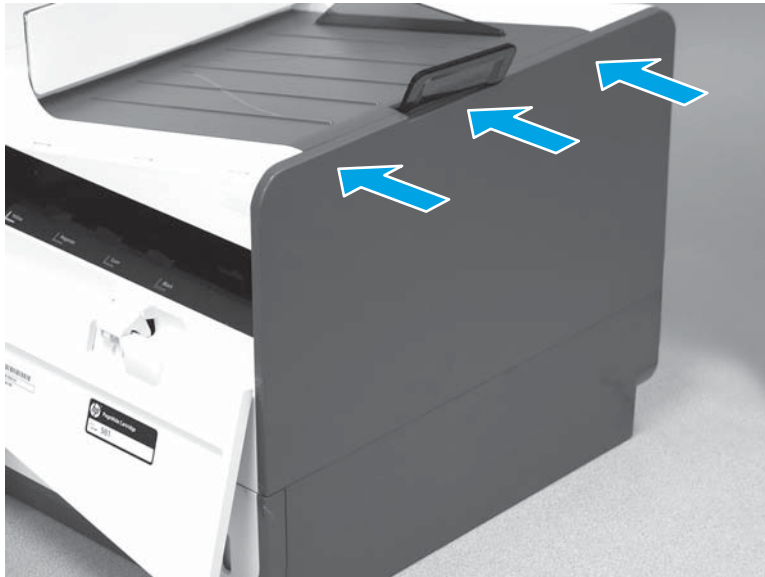
- Position the bottom edge of the cover on the printer.

Figure 1-957 Position the right cover (outer) on the printer



2. Push in along the top edge of the right cover (outer) to install it.

Figure 1-958 Install the right cover (outer)



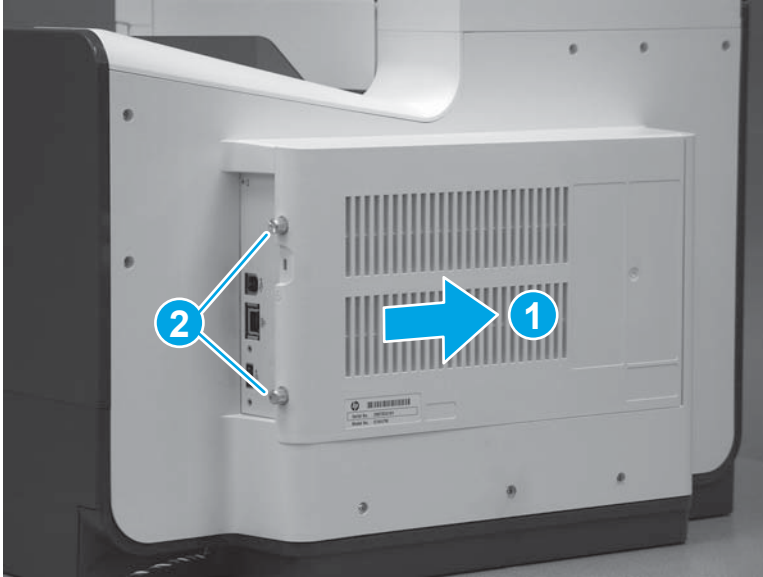
Step 21: Install the formatter cover (PM)

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).



IMPORTANT: Make sure that the cover from the defective unit (DU) is installed on the replacement print mechanism (PM) so that the regulatory and serial number label is transferred to the PM.

Figure 1-959 Install the formatter cover

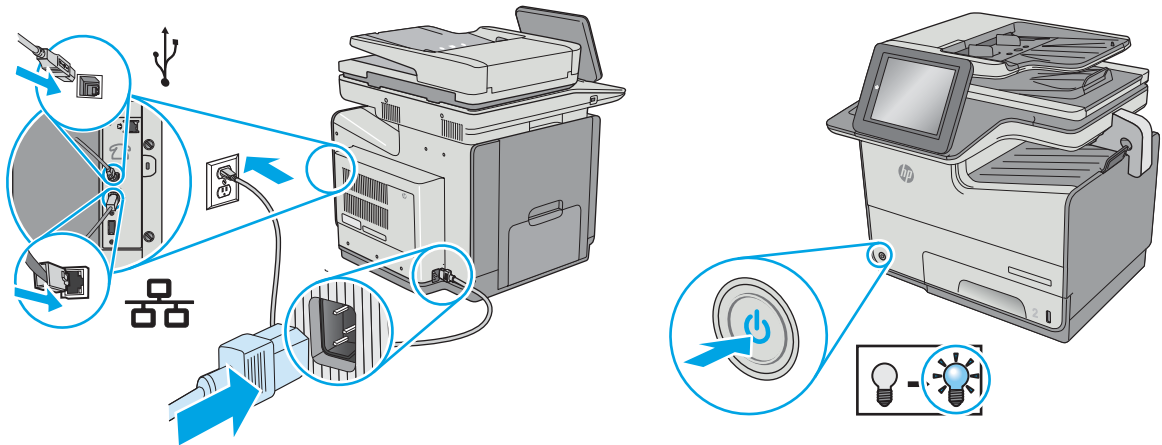


Step 22: Turn the power on print mechanism (PM)

- ▲ Connect the USB cable or the network cable, plug in the power cable, and then turn on the printer. Allow it to initialize and calibrate. These processes will take approximately 26 minutes. Make sure that Tray 2 contains paper.

⚠ CAUTION: Do not power on the print mechanism with any formatter other than the formatter from the defective unit. Using another formatter will cause data loss and require an additional replacement print mechanism.

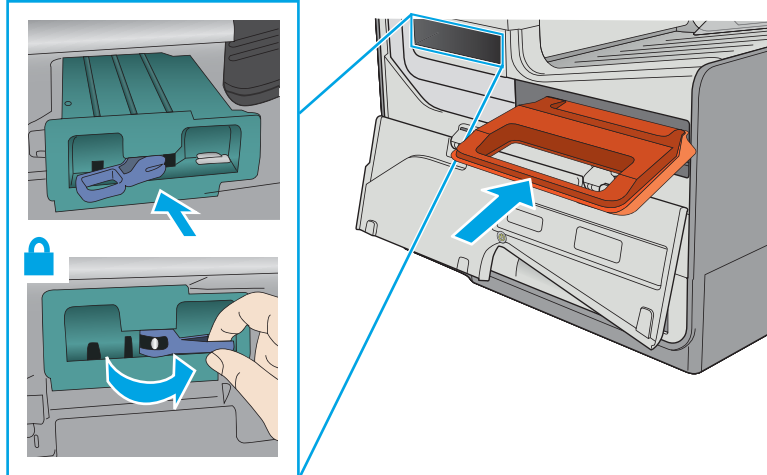
Figure 1-960 Turn the power on (PM)



Step 23: Prepare the Defective Unit (DU) for Shipping

1. While the printer is initializing, install the orange cartridge shipping restraint insert in the cartridge cavity and the blue print-head restraint as shown.

Figure 1-961 Install the cartridge shipping restraint and the print-head restraint



2. Use the shipping tape from the replacement PM to secure the DU, and then package the DU in the box that contained the replacement PM. Return the DU to HP.

Figure 1-962 Box the DU for shipping



Removal and replacement: Trays

- [Removal and replacement: Tray 2](#)
- [Removal and replacement: Tray 3-X](#)

Removal and replacement: Tray 2

- [Introduction](#)
- [Step 1: Remove the tray](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the tray](#)


Introduction

This document provides the procedures to remove and replace Tray 2.

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.

Tray 2 part number	
G1W39-67908	Cassette (Tray 2) assembly

Required tools

- No special tools are required to remove this part.

After performing service

Turn the printer power on

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

Post service test

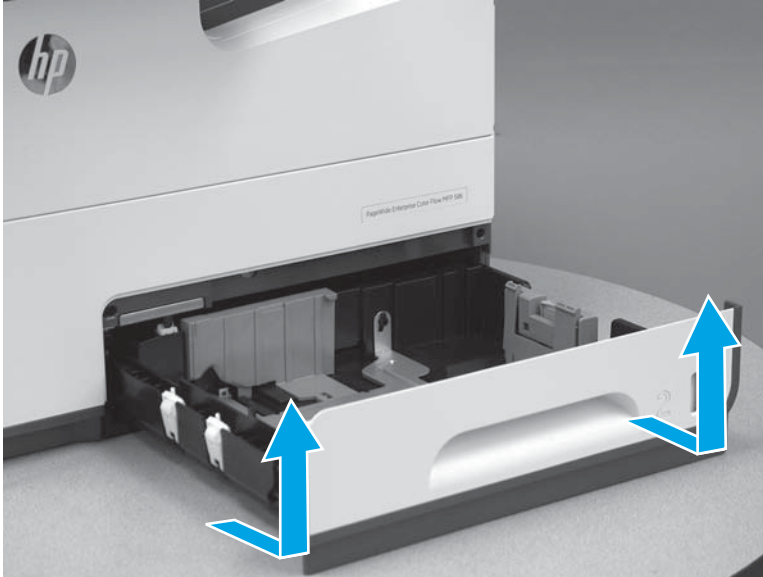
Make sure that the printer initializes to a **Ready** state.

Print a configuration page (from Tray 2) to make sure that the printer is functioning correctly.

Step 1: Remove the tray

- ▲ Pull out the tray until it stops, lift the front of the tray, and then pull it out of the printer to remove it.

Figure 1-963 Remove Tray 2



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

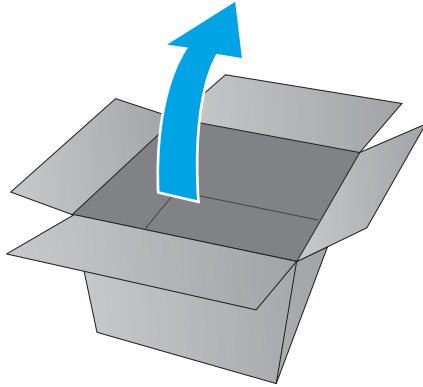
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or 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.

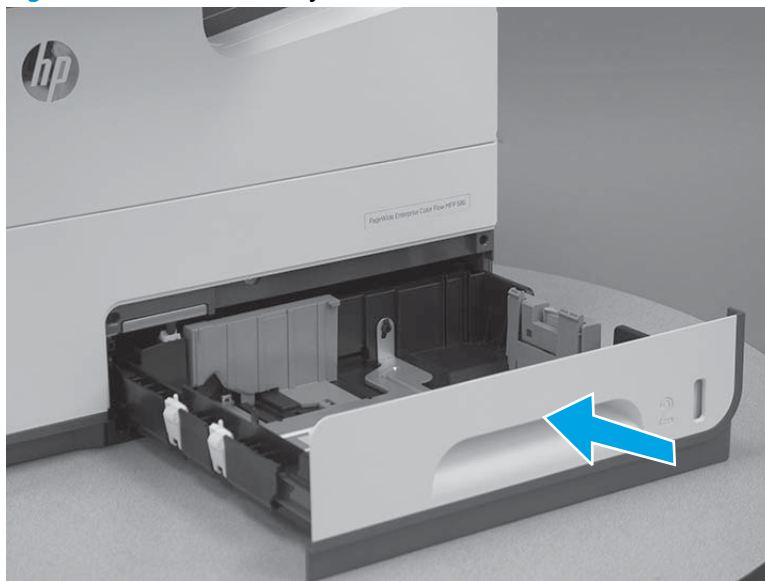


Step 3: Install the tray

▲ Align the sides of the tray with the rails in the printer, and then slide the tray into the printer.

TIP: It might be easier to get the tray started into the cavity, if the front edge is slightly raised.

Figure 1-964 Install the tray



Removal and replacement: Tray 3-X

- [Introduction](#)
- [Step 1: Remove the tray](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the tray](#)


Introduction

This document provides the procedures to remove and replace Tray 3.

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.

Tray 3 part number	
G1W39-67956	Cassette (Tray 3) assembly
G1W39-67957	Cassette (Tray 4) assembly
G1W39-67958	Cassette (Tray 5) assembly

Required tools

- No special tools are required to remove this part.

After performing service

Turn the printer power on

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

Post service test

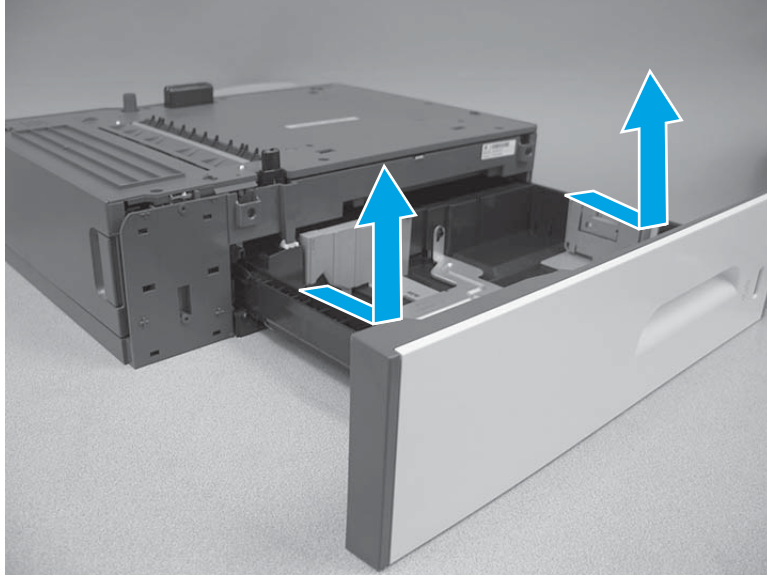
Make sure that the printer initializes to a **Ready** state.

Print a page from Tray 3 to make sure that the paper feeder is functioning correctly.

Step 1: Remove the tray

- ▲ Pull out the tray until it stops, lift the front of the tray, and then pull it out of the printer to remove it.

Figure 1-965 Remove Tray 2



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

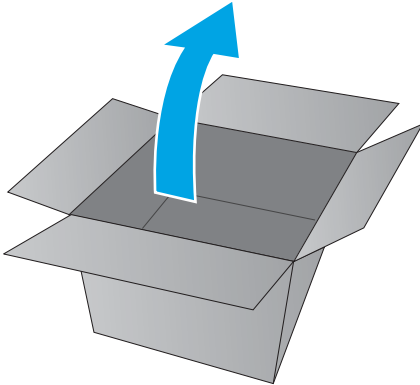
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.

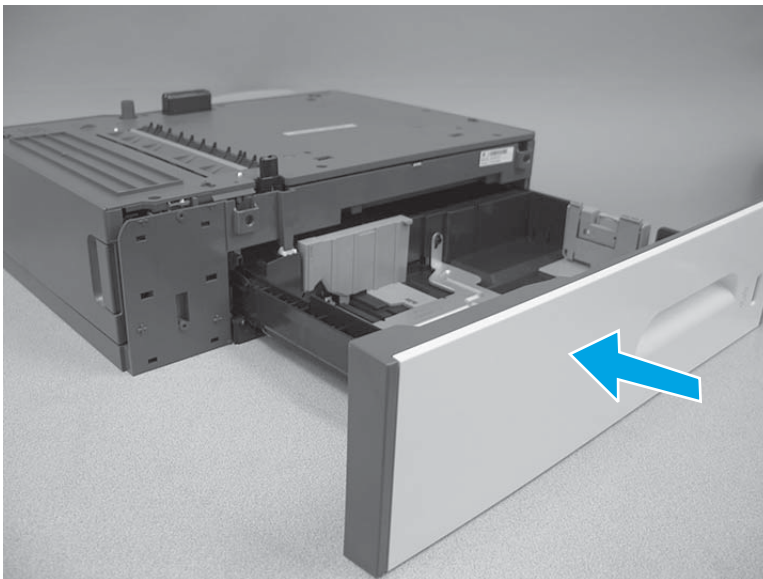


Step 3: Install the tray

▲ Align the sides of the tray with the rails in the printer, and then slide the tray into the printer.

💡 TIP: It might be easier to get the tray started into the cavity, if the front edge is slightly raised.

Figure 1-966 Install the tray



Removal and replacement: Accessories

- [Install accessory: Document feeder rollers \(586\)](#)
- [Install accessory: Fax printed-circuit board](#)
- [Install accessory: Small outline dual in-line memory module \(SODIMM\)](#)
- [Install accessory: HP Foreign interface harness \(FIH\) solution](#)
- [Install accessory: Internal USB ports](#)

Install accessory: Document feeder rollers (586)



NOTE: This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

- [Introduction](#)
- [Step 1: Remove the document feeder pickup and feed roller assembly](#)
- [Step 2: Remove the document feeder separation roller assembly](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the document feeder separation roller assembly](#)
- [Step 5: Install the document feeder pickup and feed roller assembly](#)
- [Step 6: Reset the firmware counter](#)

Introduction

This document provides the procedures to remove and replace the document feeder pickup and feed roller assembly and the separation roller assembly (586) accessory.

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.



IMPORTANT: When replacement rollers are installed, reset the [New Document Feeder Kit](#) firmware counter. See the last step in this guide.

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 maintenance kit (586) part number

B5L52A (accessory)

Document feeder maintenance kit (586) accessory with instruction guide

B5L52-67903 (service kit)

Required tools

- No special tools are required to remove this part.

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.

Use the document feeder to copy a page to make sure that it is functioning correctly.

Step 1: Remove the document feeder pickup and feed roller assembly

 **NOTE:** This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

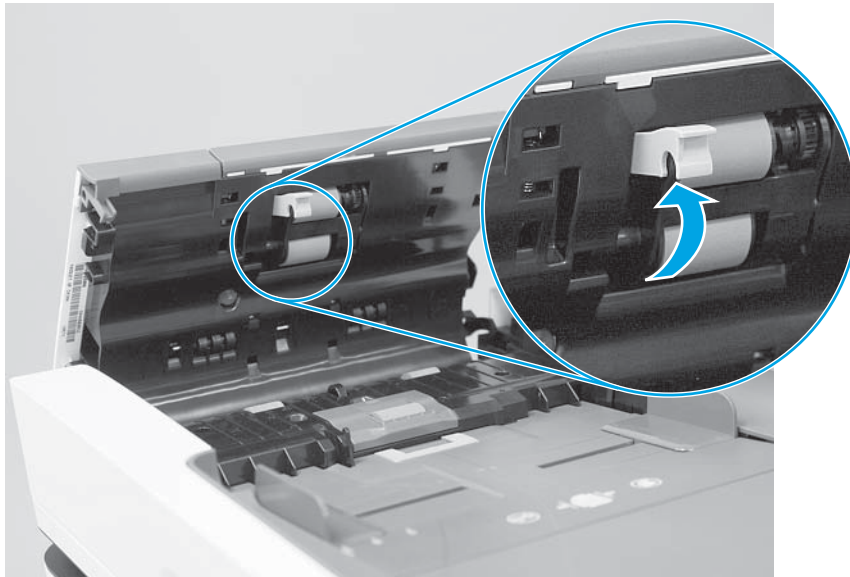
1. Open the document feeder jam access door.

Figure 1-967 Open the door



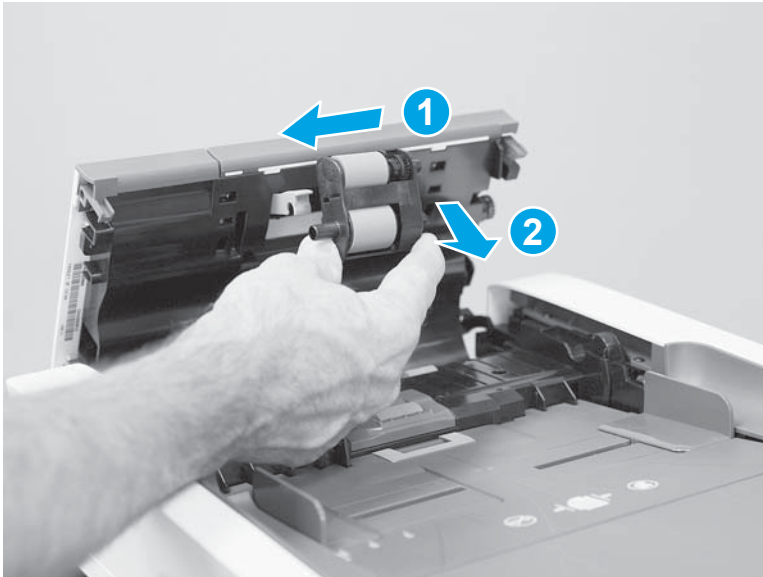
2. Raise the blue lever to release the document feeder pickup and feed roller assembly.

Figure 1-968 Raise the blue lever



3. Slide the roller assembly toward the front of the printer (callout 1), and then away from the document feeder (callout 2) to remove it.

Figure 1-969 Remove the roller assembly



Step 2: Remove the document feeder separation roller assembly

 **NOTE:** This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

1. Open the document feeder separation roller assembly cover.

Figure 1-970 Open the cover



2. Remove the cover.

Figure 1-971 Remove the cover



3. Slide the roller assembly toward the front of the printer, and then rotate it up and away from the document feeder to remove it.

Figure 1-972 Remove the roller assembly



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

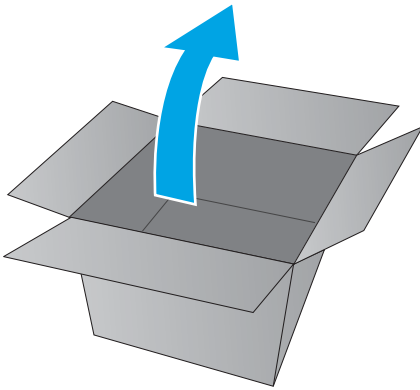
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or 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.



Step 4: Install the document feeder separation roller assembly

NOTE: This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

CAUTION: Do not touch the gray spongy portion of the roller. Skin oils can cause image-quality problems.

1. Place the solid-shaft end of the assembly (the gear end will face the front of the printer) in the slot provided in the roller holder, and then rotate the gear end down and into the document feeder.

NOTE: The roller might seem loose until the cover is installed and snapped closed. The cover helps hold the roller in place.

Figure 1-973 Install the roller assembly



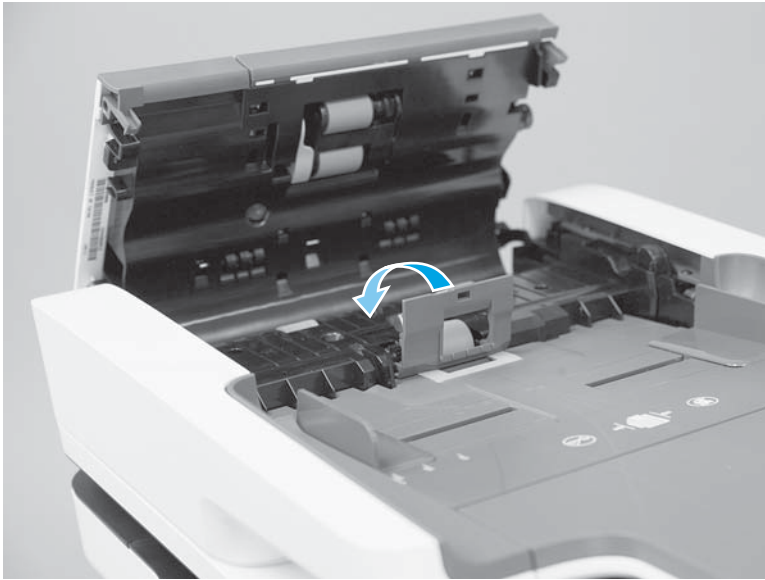
2. Position the roller cover on the document feeder.

Figure 1-974 Install the roller cover



3. Close the roller cover.

Figure 1-975 Close the roller cover



4. Push down to snap the cover into place.


 **NOTE:** When the cover is correctly installed, an audible click is heard when it snaps into place.

Figure 1-976 Push down on the roller cover



Step 5: Install the document feeder pickup and feed roller assembly

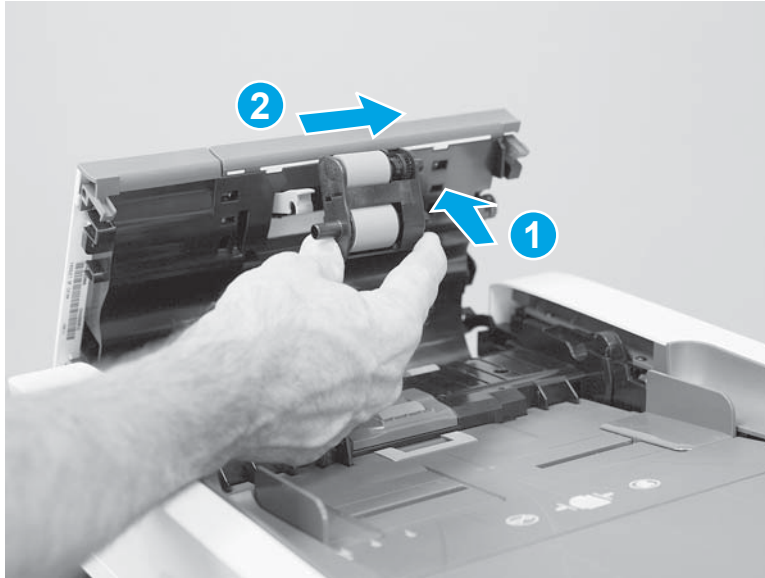
 **NOTE:** This guide shows the HP LaserJet Enterprise MFP M527. However, the instructions are also valid for the HP PageWide Enterprise Color MFP 586.

⚠ CAUTION: Do not touch the gray spongy portion of the rollers. Skin oils can cause image-quality problems.

1. Position the roller assembly in the holder (callout 1) with the drive shaft end of the assembly facing toward the rear of the printer.

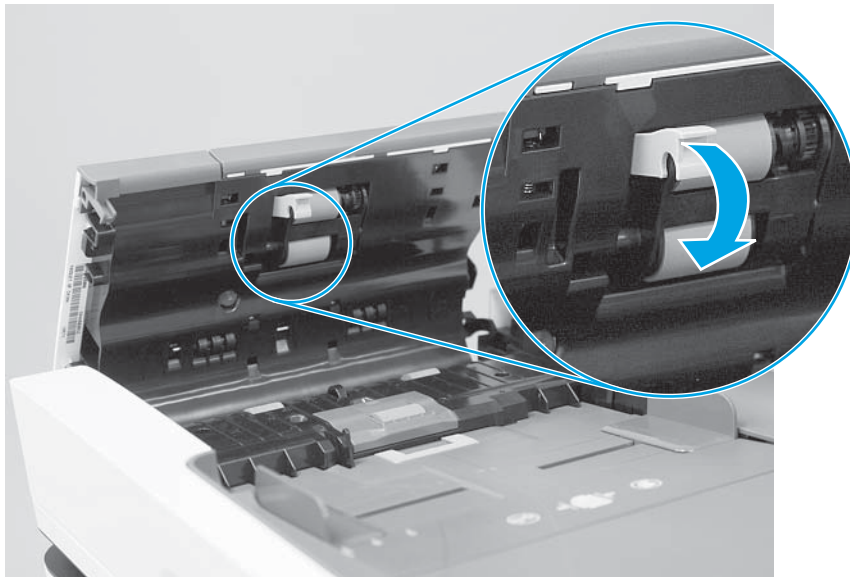
Slide the assembly toward the rear of the printer to engage the two keyed drive shafts with the two drive bushings (callout 2).

Figure 1-977 Install the roller assembly



2. Lower the blue lever until it snaps over the roller assembly solid shaft.

Figure 1-978 Close the blue lever



3. Close the document feeder jam access door.


 **NOTE:** When the door is completely closed, an audible click is heard when it latches closed.


Figure 1-979 Close the door



Step 6: Reset the firmware counter

1. From the Home screen on the control panel, scroll to and touch the [Administration](#) button.
2. Open the following menus:
 - [Manage Supplies](#)
 - [Reset Supplies](#)
 - [New Document Feeder Kit](#)
3. Select the [Reset](#) item to reset the firmware counter.

Install accessory: Fax printed-circuit board

 **NOTE:** 586f/z printers only (optional for the 586dn).

- [Introduction](#)
- [Step 1: Remove the formatter cover](#)
- [Step 2: Remove the fax printed-circuit board \(PCA\)](#)
- [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 install the fax printed-circuit board (586f/z) accessory.

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.

 **CAUTION:**  This part contains components that are electrostatic discharge (ESD) sensitive. To reduce the possibility of ESD damage, always touch the sheet-metal chassis to ground yourself before touching an ESD sensitive part.

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 printed-circuit board kit part number	
CC487A (586dn accessory)	Fax printed-circuit board with instruction guide
CC487-67901 (586f/z service kit)	

Required tools

No special tools are required to install this part.

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.

Send a fax from the printer to verify that the fax function is operating correctly.

Send a fax to the printer to verify that the fax function is operating correctly.

Step 1: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


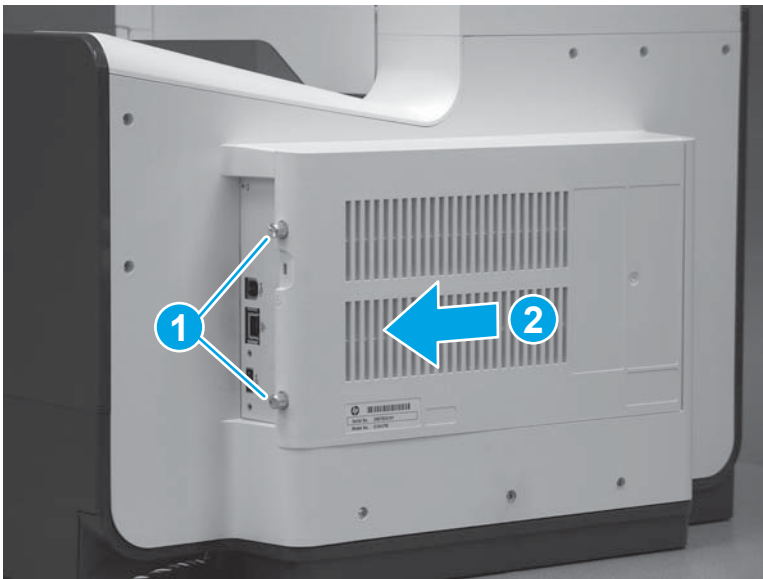

 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-980 Remove the formatter cover



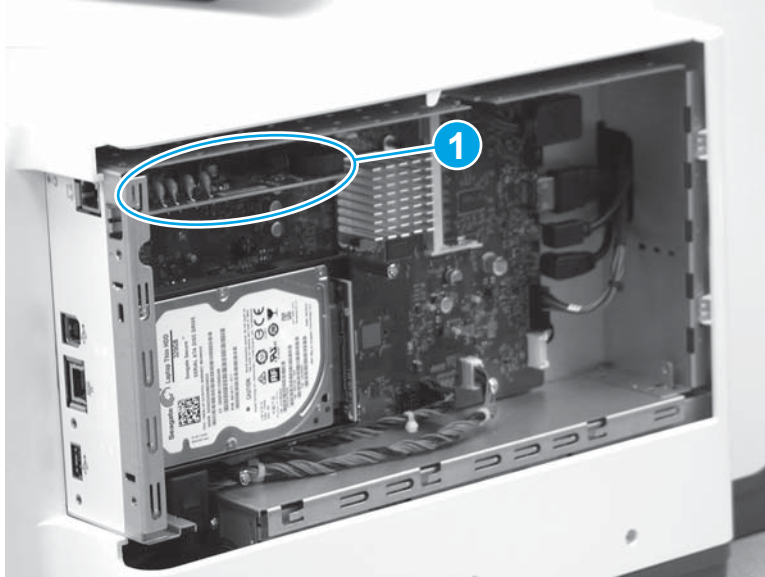
Step 2: Remove the fax printed-circuit board (PCA)

 **CAUTION:**  ESD-sensitive part.

 **NOTE:** 586f/z printers only. If a fax accessory is being installed for the 586dn, skip this step and go to [Step 3: Unpack the replacement assembly on page 593](#).

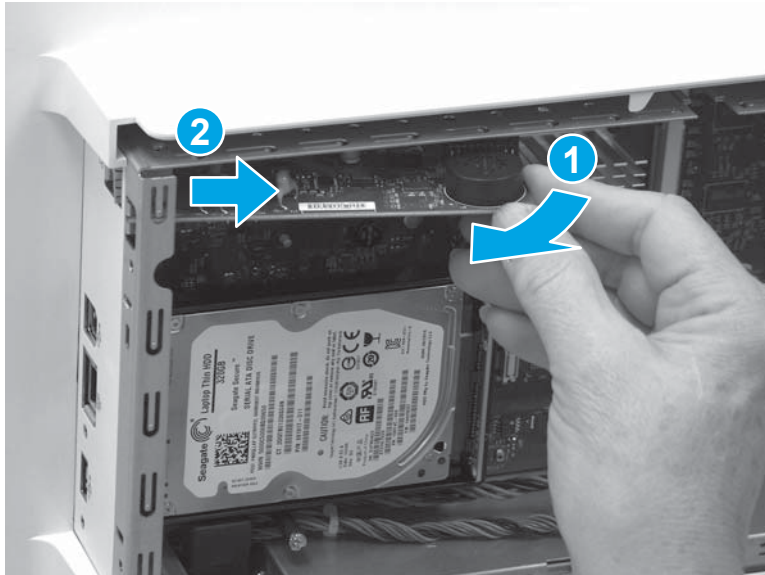
1. Locate the fax PCA (callout 1) on the formatter.

Figure 1-981 Locate the fax PCA



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

Figure 1-982 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.

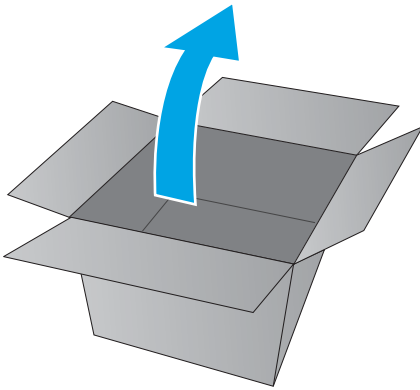
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

CAUTION: 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 or 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.



Step 4: Install the fax PCA

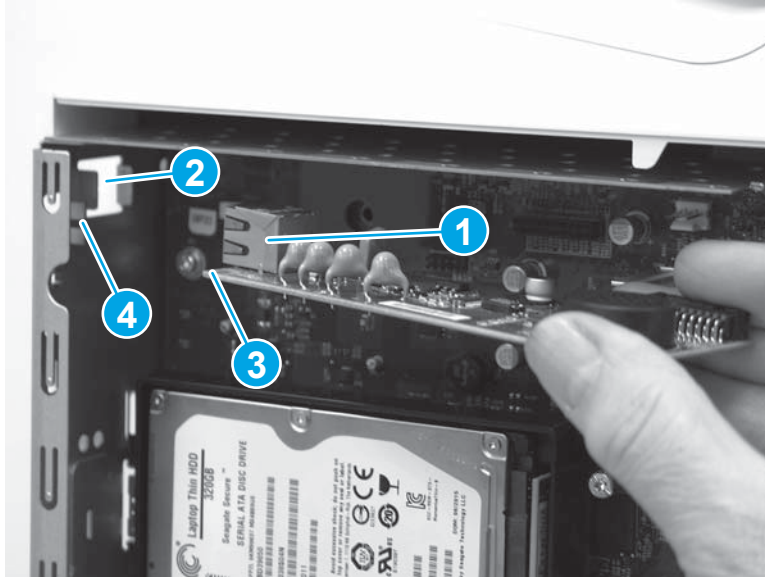
CAUTION:  ESD-sensitive part.

NOTE: 586f/z printers only (optional for the 586dn).

1. Position the port (callout 1) on the fax PCA into the opening (callout 2) in the formatter case. Position the edge of the fax PCA (callout 3) into the sheet-metal slot (callout 4) on the formatter case.

TIP: If a fax accessory is being installed on the 586dn printer, peel away the protective covering on the outside of the formatter case to expose the fax port slot in the sheet metal frame.

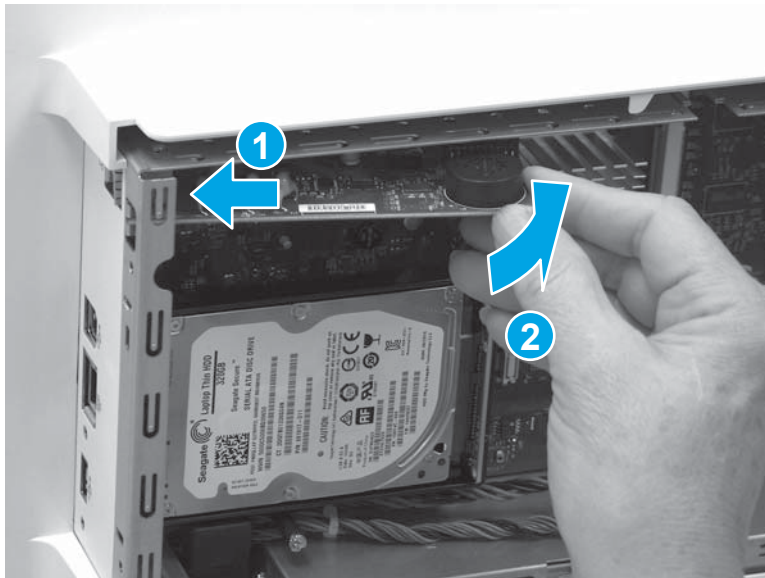
Figure 1-983 Locate the slots in the sheet-metal



2. Slide the fax PCA to the left (callout 1) to install the port and the edge of the PCA into the formatter case, as described in the previous step. Rotate the right edge (callout 2) of the PCA toward the formatter to install it in the connector on the formatter.

 **NOTE:** Make sure that the fax PCA is fully seated in the connector.

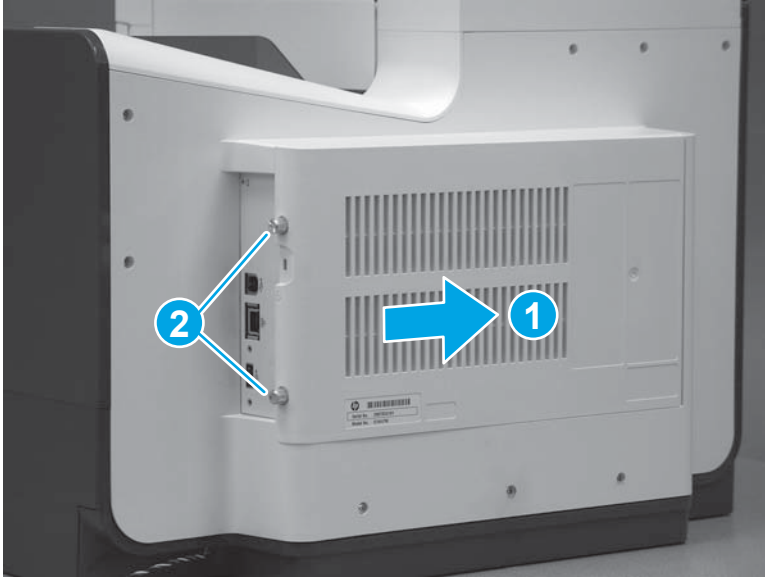
Figure 1-984 Install the fax PCA



Step 5: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-985 Install the formatter cover



Install accessory: Small outline dual in-line memory module (SODIMM)

- [Introduction](#)
- [Step 1: Remove the formatter cover](#)
- [Step 2: Remove the small outline dual in-line memory module \(SODIMM\)](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the SODIMM](#)
- [Step 5: Install the formatter cover](#)


Introduction



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

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.

 **CAUTION:**  This part contains components that are electrostatic discharge (ESD) sensitive. To reduce the possibility of ESD damage, always touch the sheet-metal chassis to ground yourself before touching an ESD sensitive part.

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

Small outline dual in-line memory module (SODIMM) kit part number	
E5K48A (accessory)	Small outline dual in-line memory module (SODIMM) with instruction guide
E5K48-67902 (service kit)	

Required tools

No special tools are required to install this part.

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.

Step 1: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


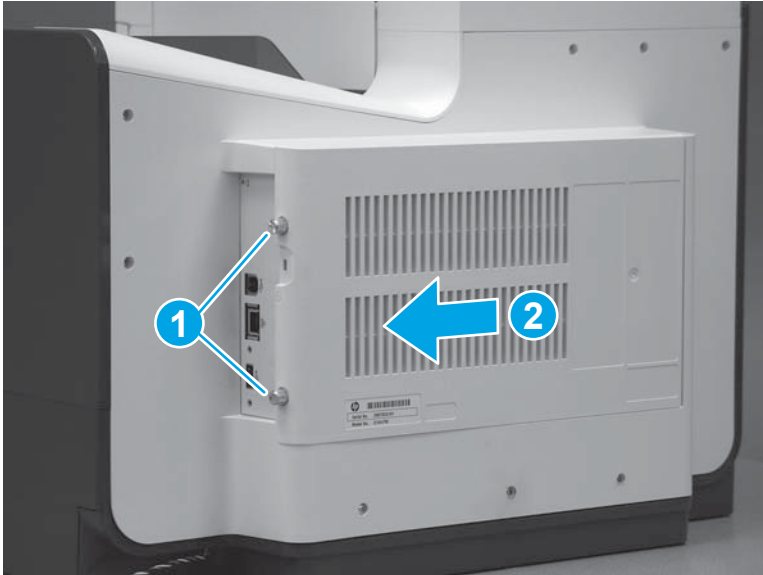

 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-986 Remove the formatter cover



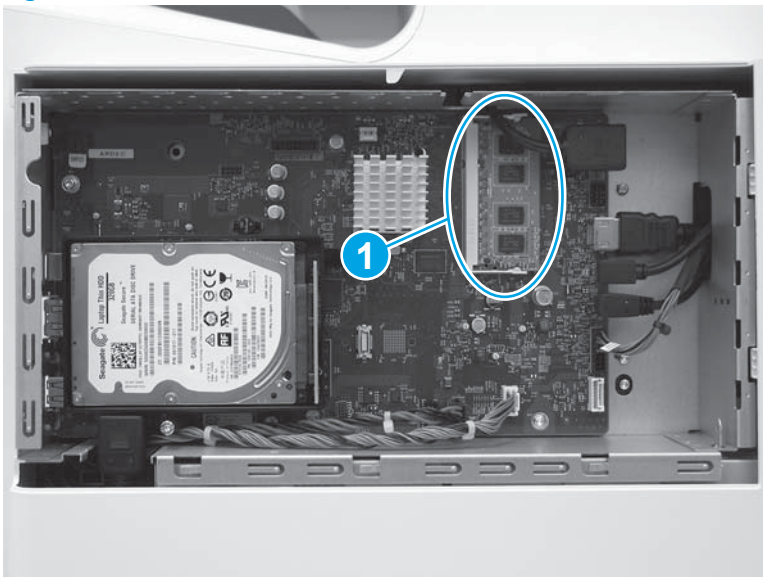
Step 2: Remove the small outline dual in-line memory module (SODIMM)

 **CAUTION:**  ESD-sensitive part.

 **NOTE:** If a SODIMM accessory is being installed, skip this step and go to [Step 3: Unpack the replacement assembly on page 600](#).

1. Locate the DIMM component on the formatter (callout 1).

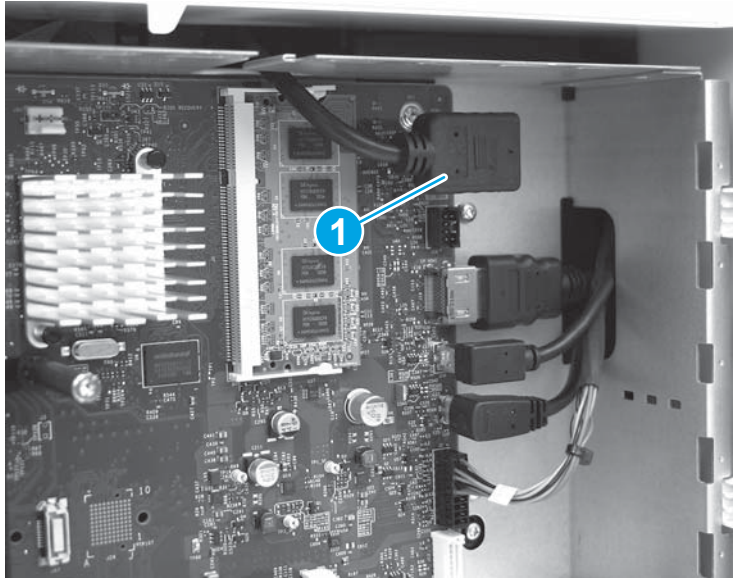
Figure 1-987 Disconnect three connectors



2. **586 printers only:** Disconnect one connector (callout 1).

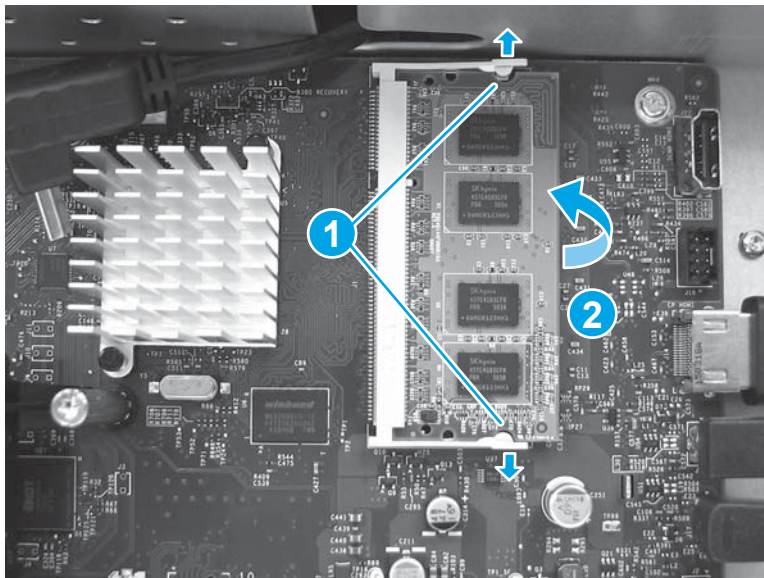
 **IMPORTANT:** Make sure that you connect this connector after the DIMM is installed.

Figure 1-988 Disconnect one connector (586)



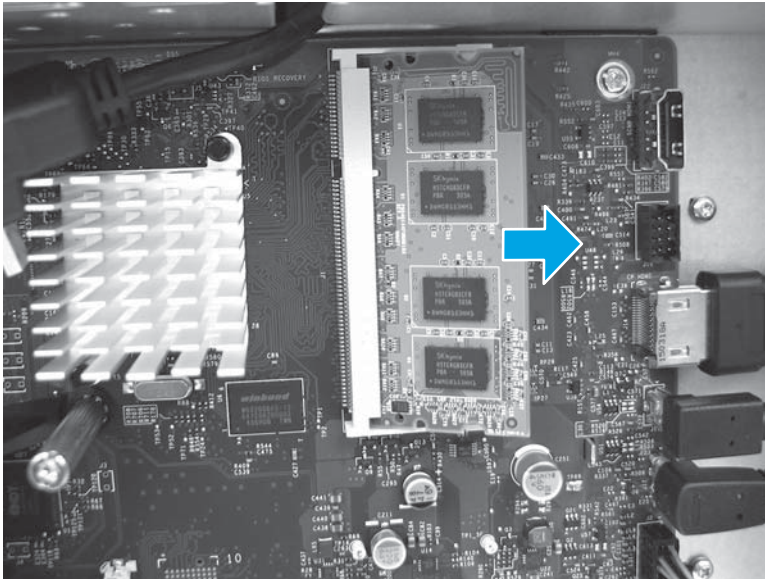
3. Release two locking arms (callout 1), and then rotate the right edge of the SODIMM away from the holder (callout 2).

Figure 1-989 Release the SODIMM



4. Pull the SODIMM out and away from the holder to remove it.

Figure 1-990 Remove the SODIMM



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.



NOTE: HP recommends responsible disposal of the defective part.

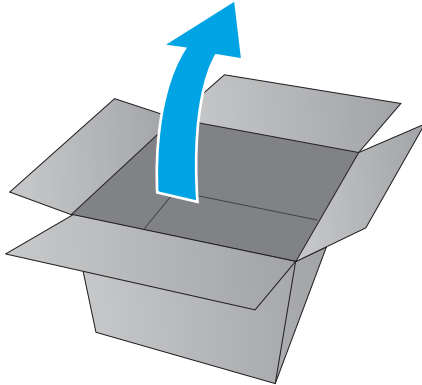
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.



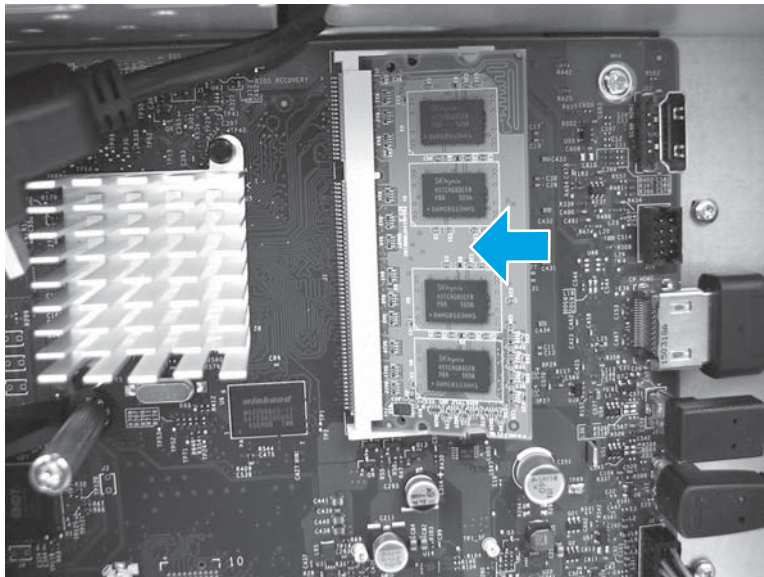
Step 4: Install the SODIMM

⚠ CAUTION:  ESD-sensitive part.

1. Insert the connector end of the SODIMM into the holder. Make sure that the SODIMM is fully pushed into the connector.

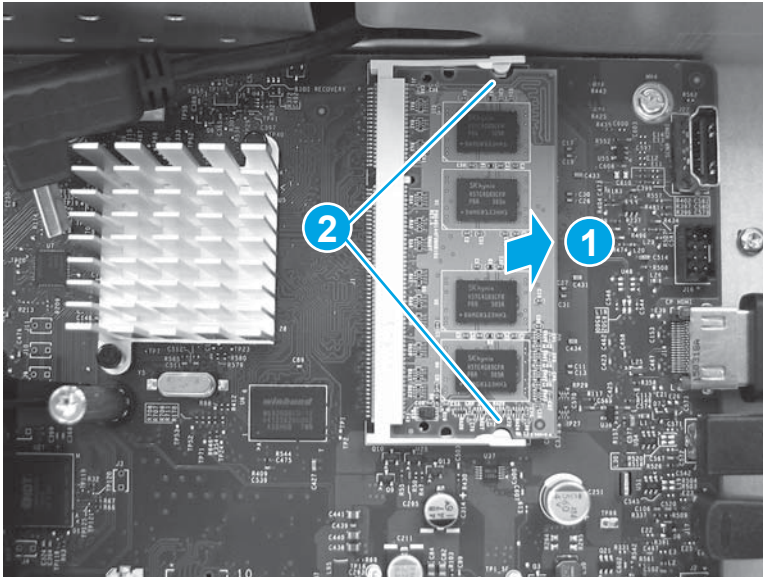
📄 NOTE: The SODIMM is keyed and can only be inserted into the holder one way.

Figure 1-991 Install the SODIMM



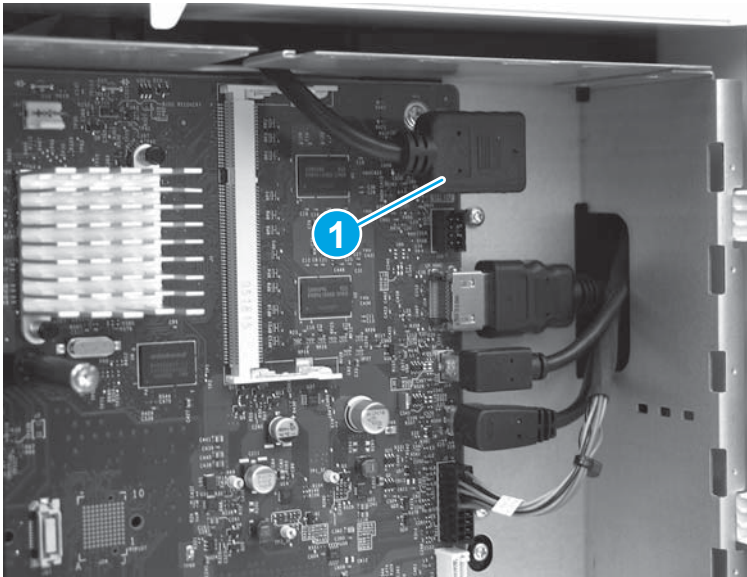
2. Rotate the right edge of the DIMM toward the holder (callout 1). Make sure that the two locking arms (callout 2) snap into place.

Figure 1-992 Seat the SODIMM



3. **586 models only:** Connect one connector (callout 1)

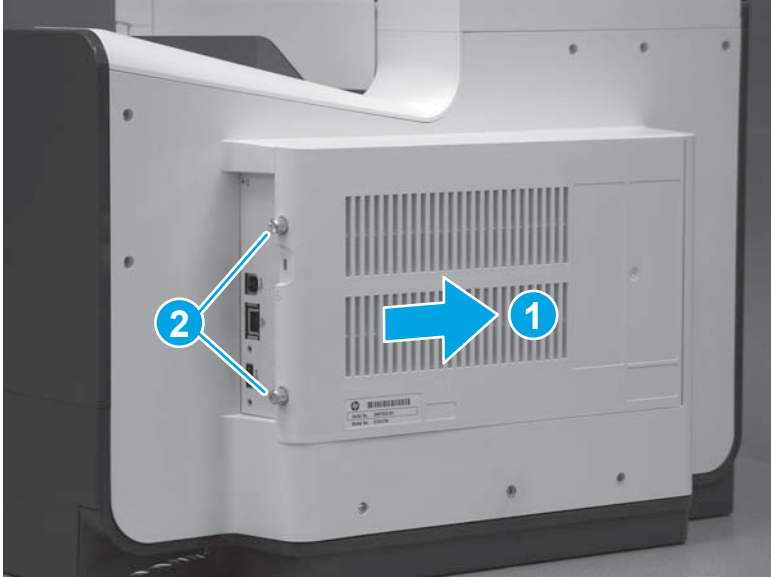
Figure 1-993 Disconnect one connector (586)



Step 5: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-994 Install the formatter cover



Install accessory: HP Foreign interface harness (FIH) solution

- [Introduction](#)
- [Step 1: Unpack the Foreign Interface Harness \(FIH\) accessory](#)
- [Step 2: Install the FIH accessory](#)


Introduction

This document provides the procedures to install the Foreign Interface Harness (FIH) accessory.

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.

Foreign Interface Harness (FIH) part number	
B5L31A (accessory)	Foreign Interface Harness (FIH) (accessory) with instruction guide
B5L31-90902 (service kit)	Foreign Interface Harness (FIH) (service) with instruction guide

Required tools

- No special tools are required to remove this part.

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.

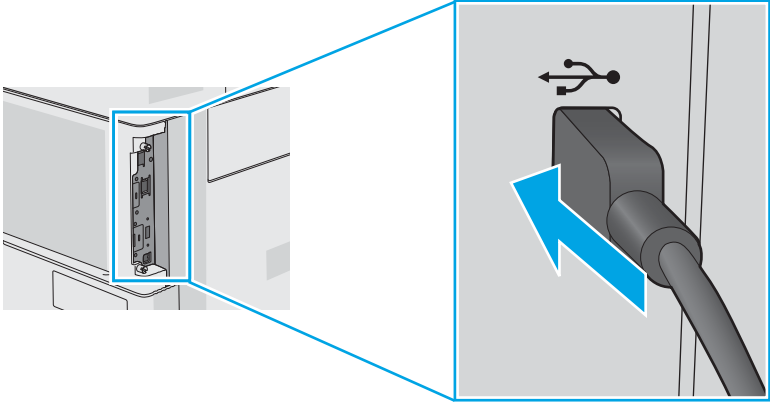
Connect a third party solution to the FIH, and then verify it correctly functions.

Step 1: Unpack the Foreign Interface Harness (FIH) accessory

Step 2: Install the FIH accessory

- ▲ Locate the USB connector on the printer formatter. Connect the FIH to this connector

Figure 1-995 Connect the FIH



Install accessory: Internal USB ports

THIS SECTION IS FOR PLACEMENT ONLY (FPO). FULL TEXT AND GRAPHICS ARE IN DEVELOPMENT AND IN REVIEW AS CRU/FRU INSTALL GUIDE. THAT FINAL CONTENT WILL BE LEVERED HERE AT VERIFICATION.

- [Introduction](#)
- [Step 1: Remove the formatter cover](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the internal USB port module](#)
- [Step 4: Install the formatter cover](#)


Introduction



This document provides the procedure to install the internal USB ports accessory.

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 cord before attempting to service the printer.

 **CAUTION:**  This part contains components that are electrostatic discharge (ESD) sensitive. To reduce the possibility of ESD damage, always touch the sheet-metal chassis to ground yourself before touching an ESD sensitive part.

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 accessory part number

B5L28A (accessory)	Internal USB ports (accessory) with instruction guide
B5L28-67902 (service kit)	Internal USB ports (service) with instruction guide

Required tools

No special tools are required to install this part.

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.

Connect a third party solution to the internal USB port, and then verify it correctly functions.

Step 1: Remove the formatter cover

- ▲ Remove two thumb screws (callout 1), and then slide the cover off of the printer to remove it (callout 2).


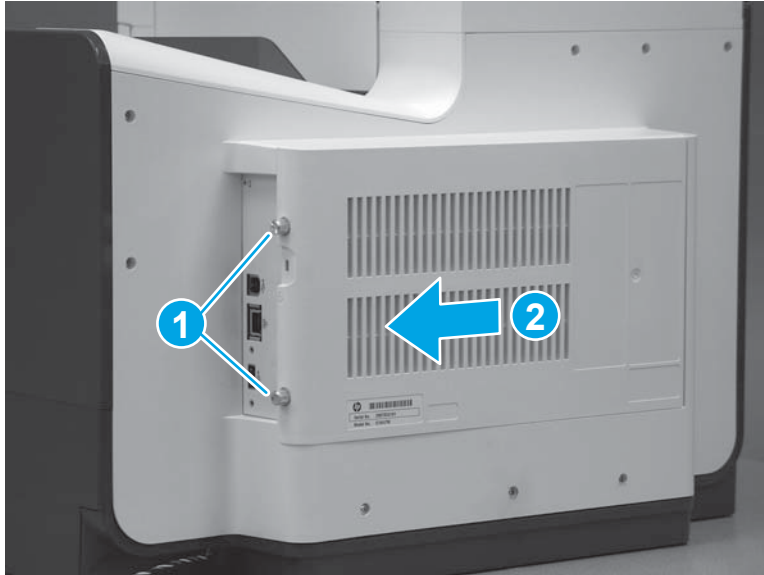
 **NOTE:** The thumb screws are not captive and are easily lost.

Figure 1-996 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.

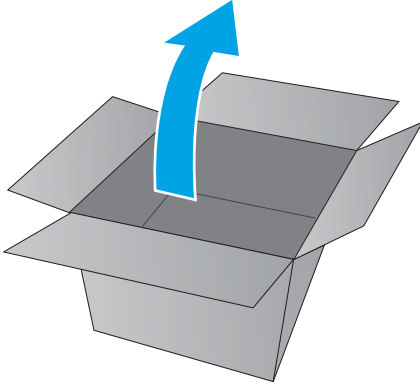
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



2. Unpack the replacement part from the packaging.

⚠ CAUTION: 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 or 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.

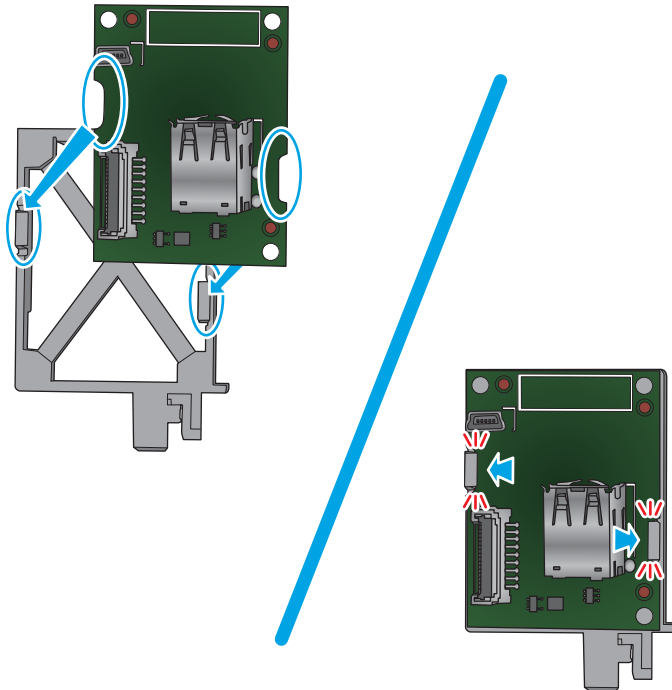


Step 3: Install the internal USB port module

⚠ CAUTION:  ESD-sensitive part.

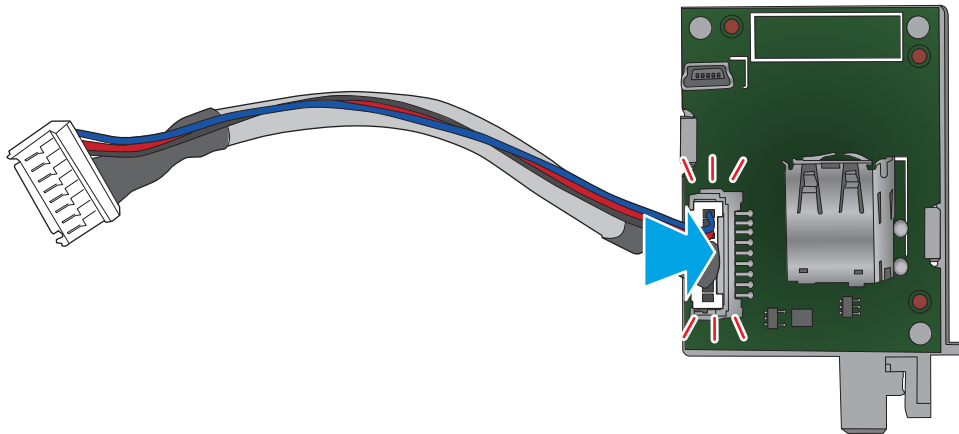
1. Position the notches on the internal USB ports PCA over the clips on the PCA holder and press down to attach the PCA to the holder. Make sure that the clips snap into place.

Figure 1-997 Install the PCA in the holder



2. Connect the wire harness to the PCA.

Figure 1-998 Connect one cable

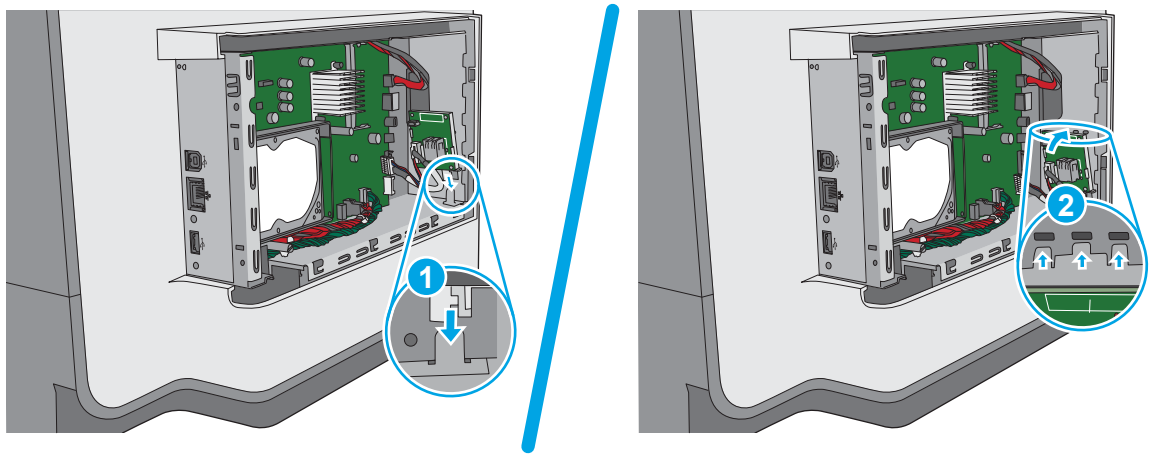


3. Position the PCA and holder on the sheet-metal tab (callout 1) located at the bottom of the formatter case.

Rotate the top of the PCA and holder toward the formatter case to engage the three tabs at the top of the holder with the slots in the formatter case (callout 2).

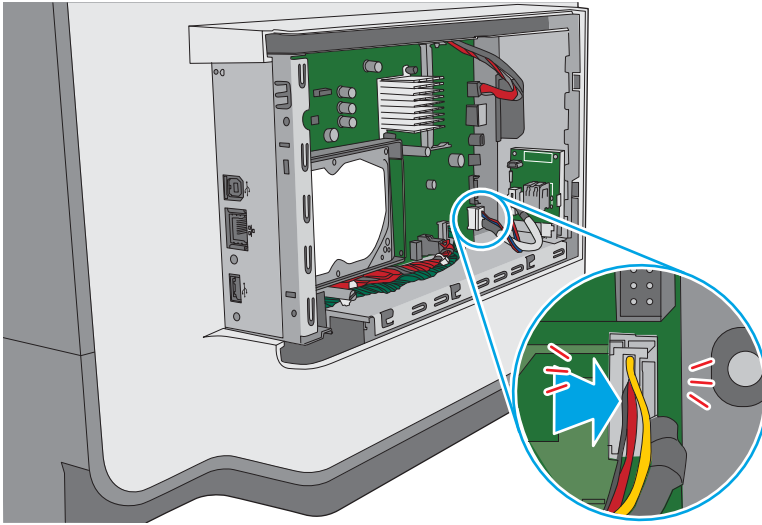
 **NOTE:** When correctly installed, the PCA and holder are firmly held in place.

Figure 1-999 Install the internal USB ports module



4. Connect one connector.

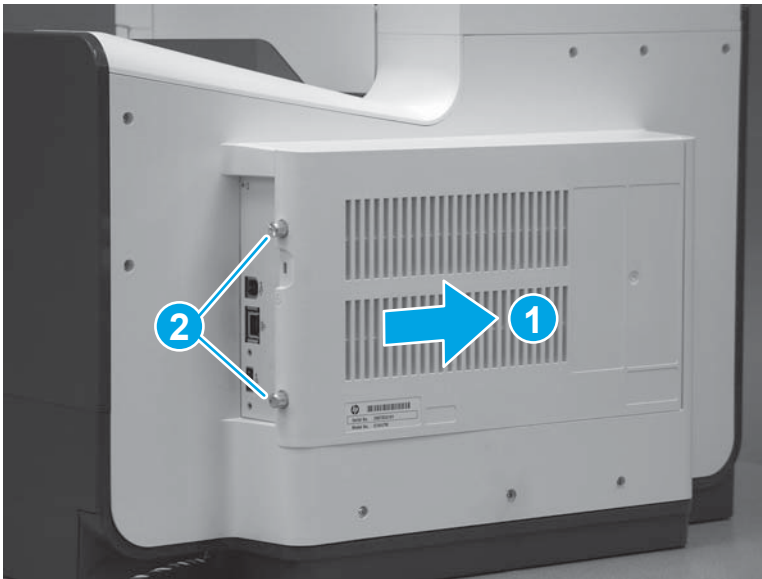
Figure 1-1000 Connect one connector



Step 4: Install the formatter cover

- ▲ Slide the cover onto the printer (callout 1) to install it, and then install two thumb screws (callout 2).

Figure 1-1001 Install the formatter cover



2 Parts and diagrams

- [For additional service and support](#)
- [Assembly locations](#)
- [Order parts, accessories, and supplies](#)
- [Parts and diagrams: Document feeder and scanner whole units \(586\)](#)
- [Parts and diagrams: Covers](#)
- [Parts and diagrams: Internal assemblies](#)
- [Alphabetical parts list](#)
- [Numerical parts list](#)

For additional service and support

HP service personnel, go to the Service Access Work Bench (SAW) at <http://h41302.www4.hp.com/km/saw/home.do>.

Channel partners, go to HP Channel Services Network (CSN) at <https://h30125.www3.hp.com/hpcsn>.

At these locations, find information on the following topics:

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

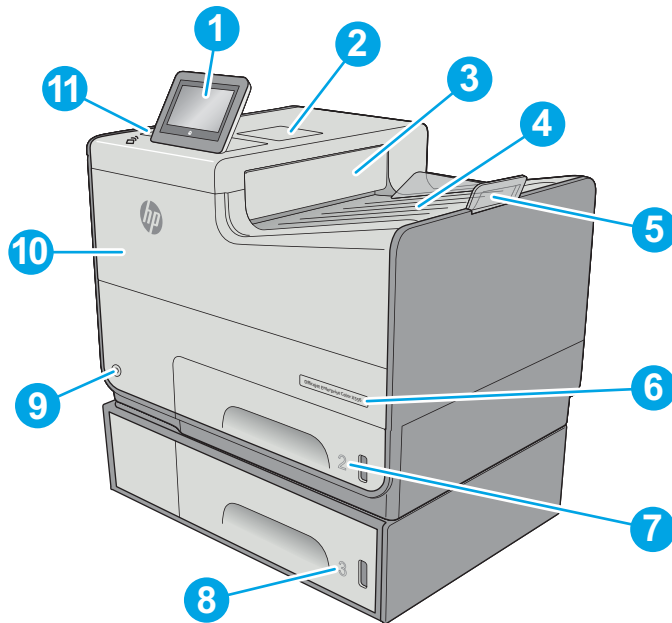
To access HP PartSurfer information from any mobile device, go to <http://partsurfermobile.hp.com/> or scan the Quick Response (QR) code below.



Assembly locations

- [Printer front view \(556 models\)](#)
- [Printer back view \(556 models\)](#)
- [Printer front view \(586 models\)](#)
- [Printer back view \(586 models\)](#)

Printer front view (556 models)

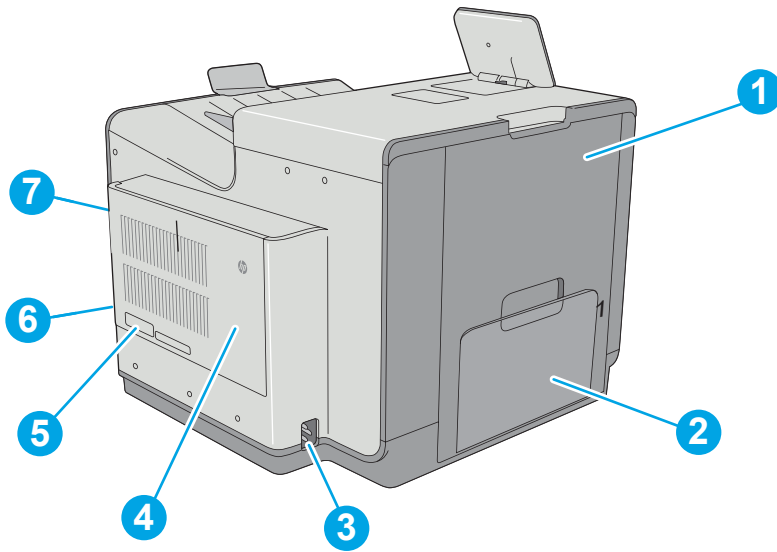


1	Control panel with color touchscreen display (tilts up for easier viewing)
2	Hardware integration pocket (for connecting accessory and third-party devices)
3	Output ejector flap
4	Output bin
5	Output bin extension
6	Model name
7	Tray 2
8	Tray 3 (included with the xh model, optional for the dn model)
9	On/off button
10	Cartridge door
11	Easy-access USB port (on the side of the control panel)

Insert a USB flash drive for printing or scanning without a computer or to update the printer firmware.

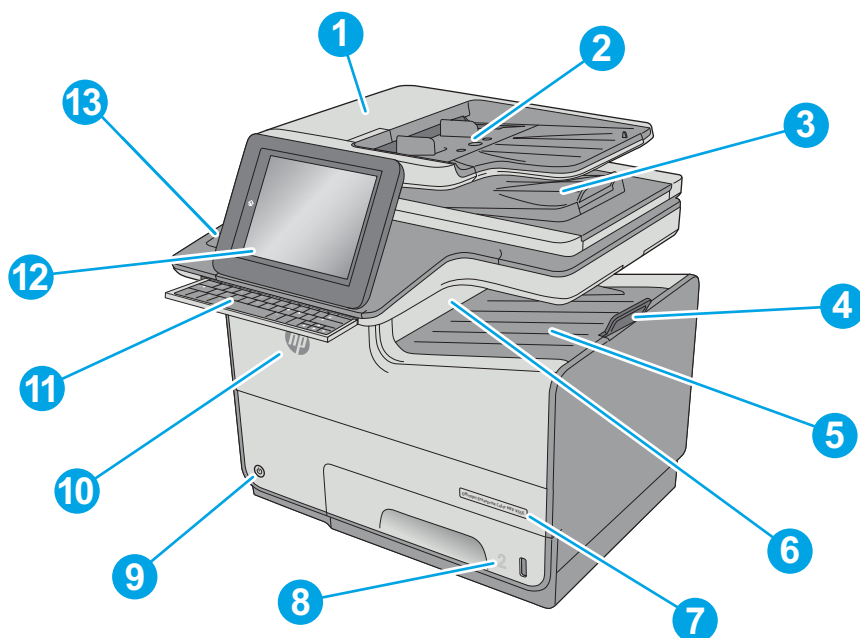
NOTE: An administrator must enable this port before use.

Printer back view (556 models)



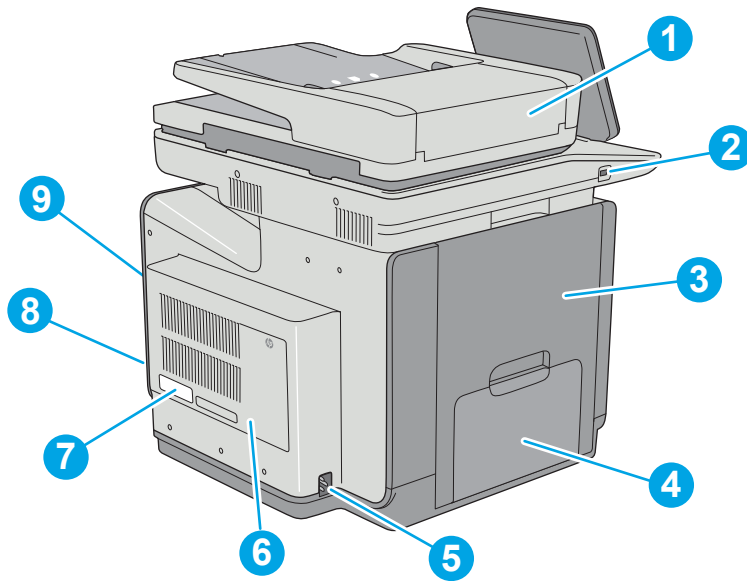
1	Left door (access to the ink-collection unit and for clearing jams)
2	Tray 1
3	Power connection
4	Formatter cover
5	Serial number and product number label
6	Formatter (contains the interface ports)
7	Slot for a cable-type security lock (on the rear cover of the printer)

Printer front view (586 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	Output-bin extension
5	Standard output bin
6	Output ejector flap
7	Model name
8	Tray 2
9	On/off button
10	Cartridge door
11	Physical keyboard (z model only). Pull the keyboard straight out to use it.
12	Control panel with color touchscreen display (tilts up for easier viewing)
13	Hardware integration pocket (for connecting accessory and third-party devices)

Printer back view (586 models)



1 Document-feeder cover (access for clearing jams or cleaning rollers)

2 Easy-access USB port

Insert a USB flash drive for printing or scanning without a computer or to update the printer firmware.

NOTE: An administrator must enable this port before use.

3 Left door (access to the ink-collection unit and for clearing jams)

4 Tray 1

5 Power connection

6 Formatter cover

7 Serial number and product number label

8 Formatter (contains the interface ports)

9 Slot for a cable-type security lock (on the rear cover of the printer)

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
	or
	partsurfer.hp.com
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 Web site, 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

Following are the part numbers for the supplies and accessories available for the printers.

Table 2-1 Supplies and Accessories

Item	Description	Cartridge number	Part number
Supplies			
HP 981A Cyan Original Ink Cartridge	Standard-capacity replacement cyan cartridge	981A	J3M68A (new) J3M68-67901 (service)
HP 981A Magenta Original Ink Cartridge	Standard-capacity replacement magenta cartridge	981A	J3M69A (new) J3M69-67901 (service)
HP 981A Yellow Original Ink Cartridge	Standard-capacity replacement yellow cartridge	981A	J3M70A (new) J3M70-67901 (service)
HP 981A Black Original Ink Cartridge	Standard-capacity replacement black cartridge	981A	J3M71A (new) J3M71-67901 (service)
HP 981X High Yield Cyan Original Ink Cartridge	High-capacity replacement cyan cartridge	981X	L0R09A (new) L0R09-67901 (service)
HP 981X High Yield Magenta Original Ink Cartridge	High-capacity replacement magenta cartridge	981X	L0R10A (new) L0R10-67901 (service)
HP 981X High Yield Yellow Original Ink Cartridge	High-capacity replacement yellow cartridge	981X	L0R11A (new) L0R011-67901 (service)

Table 2-1 Supplies and Accessories (continued)

Item	Description	Cartridge number	Part number
HP 981X High Yield Black Original Ink Cartridge	High-capacity replacement black cartridge	981X	LOR12A (new) LOR12-67901 (service)
HP 981Y Extra High Yield Cyan Original Ink Cartridge	Extra high-capacity replacement cyan cartridge	981Y	LOR13A (new) LOR13-67901 (service)
HP 981Y Extra High Yield Magenta Original Ink Cartridge	Extra high-capacity replacement magenta cartridge	981Y	LOR14A (new) LOR14-67901 (service)
HP 981Y Extra High Yield Yellow Original Ink Cartridge	Extra high-capacity replacement yellow cartridge	981Y	LOR15A (new) LOR15-67901 (service)
HP 981Y Extra High Yield Black Original Ink Cartridge	Extra high-capacity replacement black cartridge	981Y	LOR16A (new) LOR16-67901 (service)
HP 981YC Extra High Yield Cyan Original Ink Cartridge (contract)	Extra high-capacity contract replacement cyan cartridge	981YC	LOR17A (new) LOR17-67901 (service)
HP 981YC Extra High Yield Magenta Original Ink Cartridge (contract)	Extra high-capacity contract replacement magenta cartridge	981YC	LOR18A (new) LOR18-67901 (service)
HP 981YC Extra High Yield Yellow Original Ink Cartridge (contract)	Extra high-capacity contract replacement yellow cartridge	981YC	LOR19A (new) LOR19-67901 (service)
HP 981YC Extra High Yield Black Original Ink Cartridge (contract)	Extra high-capacity contract replacement black cartridge	981YC	LOR20A (new) LOR20-67901 (service)
Ink-collection unit	Replacement ink-collection unit	Not applicable	B5L09A (new) B5L04-67906 (service)
Accessories			
Document feeder roller replacement kit (586 only)	Replacement feed rollers for the document feeder	Not applicable	B5L52A (new) B5L52-67903 (service)
500-sheet paper feeder assembly and tray (Tray 3)	Optional Tray 3 paper feeder assembly and tray	Not applicable	G1W39-67952
500-sheet paper feeder assembly and tray (Tray 4)	Optional Tray 4 paper feeder assembly and tray	Not applicable	G1W39-67953
500-sheet paper feeder assembly and tray (Tray 5)	Optional Tray 5 paper feeder assembly and tray	Not applicable	G1W39-67954
Printer stand	Optional stand to support the printer Includes installation instructions	Not applicable	G1W39-67928
3 x 500-sheet paper feeder and stand	Optional 3 x 500-sheet paper feeder with a stand to support the printer (Trays 3–5)	Not applicable	G1W39-67930

Table 2-1 Supplies and Accessories (continued)

Item	Description	Cartridge number	Part number
HP 1GB DDR3 x32 144-Pin 800MHz SODIMM	Optional DIMM for expanding the memory	Not applicable	E5K48A (new)
			E5K48-67902 (service)
HP Internal USB Ports	Optional USB ports for connecting third-party devices	Not applicable	B5L28A (new)
			B5L28-67902 (service)
Analog Fax Accessory 600 (586 only)	Optional fax accessory	Not applicable	CC487A (new)
			CC487-67901 (service)
HP Foreign Interface Harness	Optional port for connecting third-party devices	Not applicable	B5L31A (new)
			B5L31-67902 (service)
HP Trusted Platform Module	Automatically encrypts all data that passes through the printer	Not applicable	F5S62-61001
HP Jetdirect 2900nw Print Server	USB wireless print server accessory	Not applicable	J8031-61001
HP Jetdirect 3000w NFC/Wireless Accessory	Wireless Direct Print accessory for “touch” printing from mobile devices	Not applicable	J8030-61001
HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese (586z only)	Language-specific, adhesive overlay for the physical keyboard	Not applicable	A7W12A
HP LaserJet Keyboard Overlay Kit for Swedish (586z only)	Language-specific, adhesive overlay for the physical keyboard	Not applicable	A7W14A

Customer self-repair parts

Customer Self-Repair (CSR) parts are available for HP PageWide printers to reduce repair time. More information about the CSR program and benefits 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 **A**: Easy
- Parts listed as **B**: Difficult and/or requires tools

Item	Description	CSR level	Part number
Output bin	Replacement output bin	A	G1W39-67944
Document feeder retention clips	Replacement retention clips that are behind the scanner white backing	A	G1W41-67904
Document feeder white backing	Replacement white plastic backing for the scanner	A	G1W41-67903

Item	Description	CSR level	Part number
Document feeder roller replacement kit (586 only)	Replacement feed rollers for the document feeder	A	B5L52-67903
Control panel (586 only)	Replacement touchscreen control panel for 586 models	A	G1W41-67905
U.S. English keyboard (586z only)	Replacement U.S. English keyboard for the z model	A	G1W41-67938
U.K. English keyboard (586z only)	Replacement U.K. English keyboard for the z model	A	G1W41-67959
embedded MultiMedia Card (eMMC; 556dn only)	Replacement eMMC	A	G1W47-67902
Hard-disk drive (HDD)	Replacement hard-disk drive	A	G1W41-67902
Control panel (556 only)	Replacement control panel for 556 models	B	G1W41-67907
HP LaserJet MFP analog fax accessory 500 (586 only)	Replacement fax board	A	CC487-67901
1GB DDR3 x32 144-Pin 800MHz small outline dual in-line memory module (SODIMM)	Replacement memory DIMM	A	E5K48-67902
HP Foreign interface harness (FIH)	Replacement HP Foreign Interface Harness	A	B5L31-67902
HP Internal USB Ports	Optional USB ports for connecting third-party devices	Not applicable	B5L28-67902
HP Trusted Platform Module	Replacement HP Trusted Platform Module	A	F5S62-61001

Related documentation and software

HP service personnel, go to the Service Access Work Bench (SAW) at <http://h41302.www4.hp.com/km/saw/home.do>.

Channel partners, go to HP Channel Services Network (CSN) at <https://h30125.www3.hp.com/hpcsn>.

Parts and diagrams: Document feeder and scanner whole units (586)

The figures below show the component parts of the printer. 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 field replacement unit (FRU).

Exploded view and parts list

Figure 2-1 Document feeder and scanner (586)

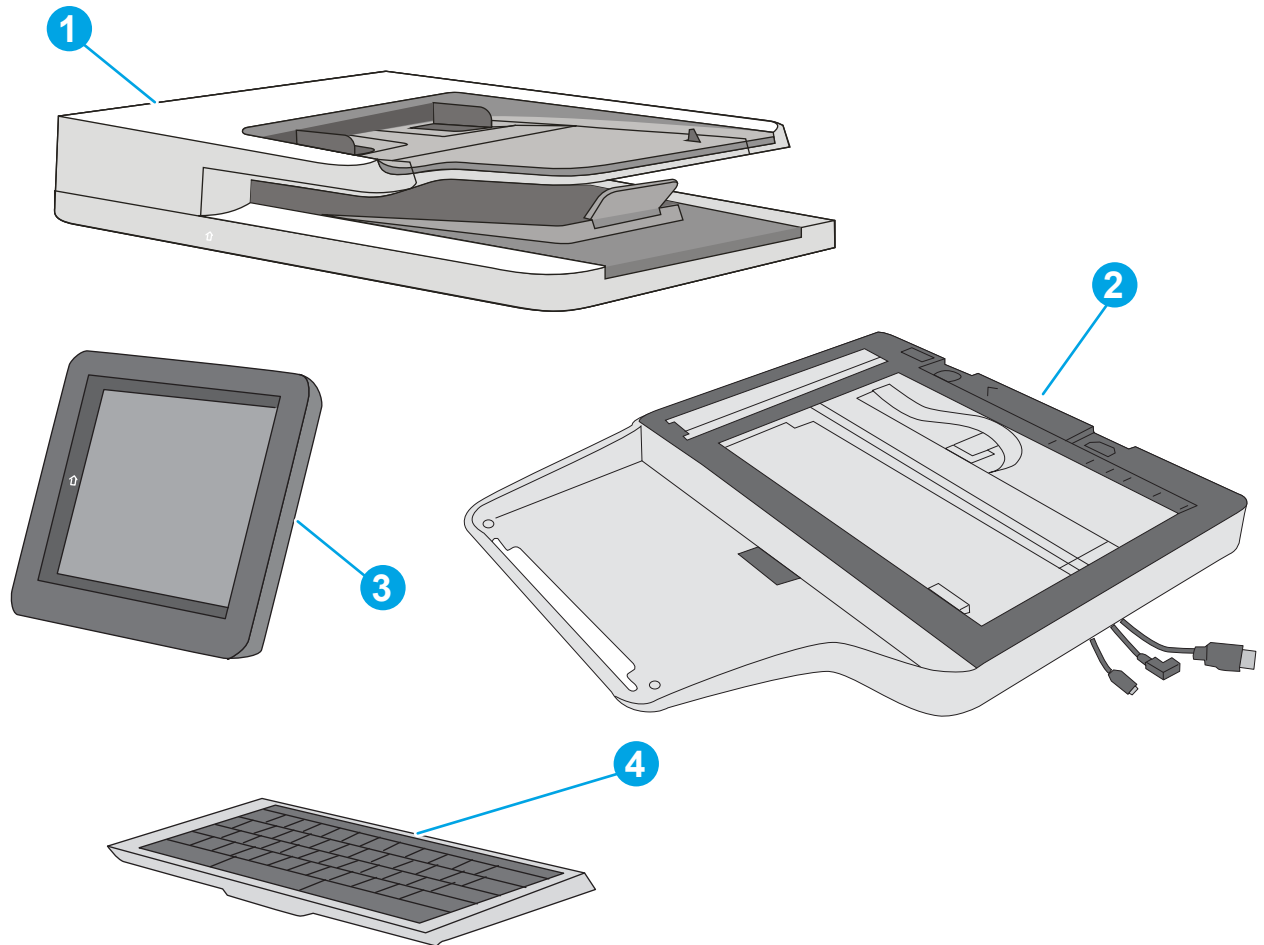


Table 2-2 Document feeder and scanner whole units (586 only)

Ref	Description	Part number	Qty
1	Document feeder (586) kit; includes white backing and retention clips	G1W41-67908	1
2	Image scanner (586) kit; includes white backing and retention clips	G1W39-67943	1
3	Control panel (586) kit	G1W41-67905	1
4	Keyboard US (586z)	G1W41-67938	1
4	Keyboard UK (586z)	G1W41-67959	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
Not shown	Scanner control board (586)	G1W39-67935	1
Not shown	White backing (586)	G1W41-67903	1
Not shown	Retention Clip Assembly (586)	G1W41-67904	1
Not shown	Cover, keyboard blank (586)	G1W39-67933	1
Not shown	Document feeder roller replacement kit (586)	B5L52-67903	1

¹ To access HP PartSurfer information, go to <http://partsurfermobile.hp.com/>.

Parts and diagrams: Covers

The figure below shows component parts of the printer. A parts list table follows the figure, listing 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 field replacement unit (FRU).

Exploded view and parts list (556 covers)

Figure 2-2 Covers (556 models)

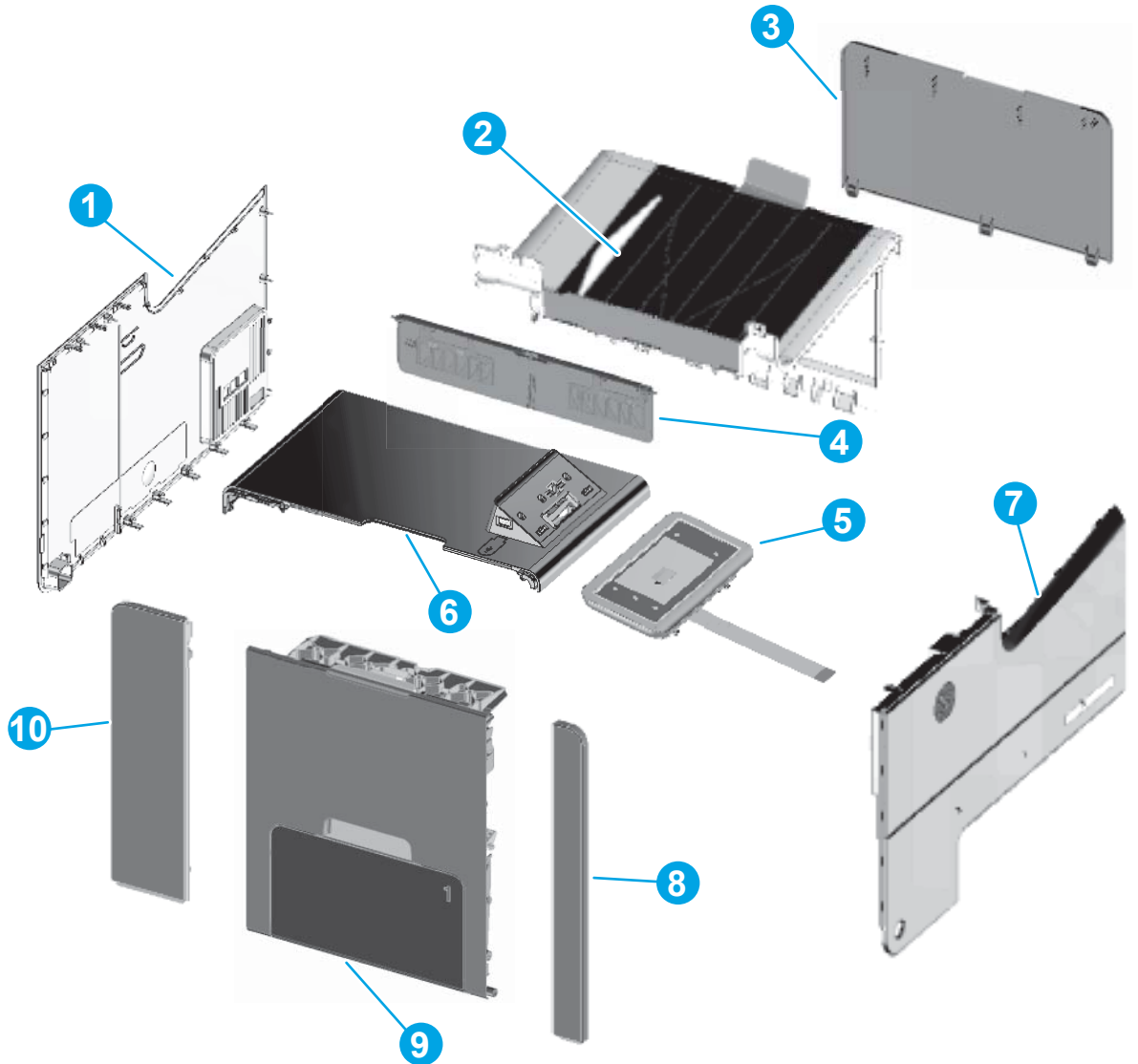


Table 2-3 Covers (556 models)

Ref	Description	Part number	Qty
1	Cover, rear	G1W39-67919	1
2	Output bin	G1W39-67944	1
3	Cover, right (outer)	G1W39-67922	1
4	Flap-eject assembly	G1W39-67949	1
5	Control panel (556)	G1W41-67907	1
6	Cover, top (556)	Not orderable	1
7	Cover, front (556)	G1W39-67918	1
8	Cover, left front	G1W39-67916	1
9	Door, left	G1W39-67926	1
10	Cover, left rear	G1W39-67917	1
Not shown	Cover, formatter	G1W39-67915	1
Not shown	Cover, left top front	G1W46-67909	1
Not shown	Cover, left top rear	G1W46-67910	1
Not shown	Strap, left door, front	CN598-67002	1
Not shown	Strap, left door, rear	CN598-67003	1
Not shown	Cover, HIP	G1W46-67914	1
Not shown	Cover, ISS	G1W39-67950	1

¹ To access HP PartSurfer information, go to <http://partsurfermobile.hp.com/>.

Exploded view and parts list (586 covers)

Figure 2-3 Covers (586 models)

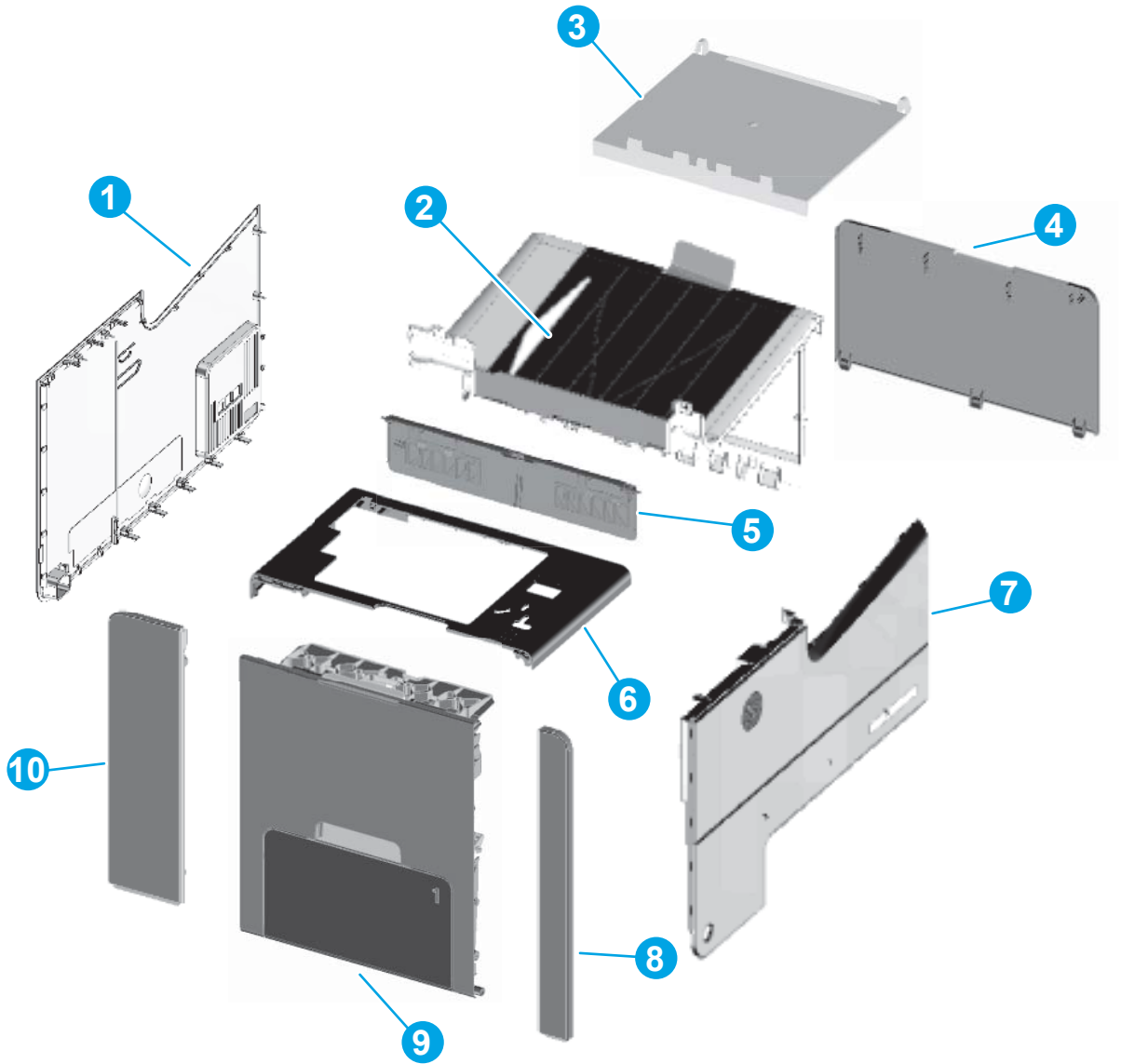


Table 2-4 Covers (586 models)

Ref	Description	Part number	Qty
1	Cover, rear	G1W39-67919	1
2	Output bin	G1W39-67944	1
3	Cover, image scanner base (586)	G1W39-67937	1
4	Cover, right (outer)	G1W39-67922	1
5	Flap-eject assembly	G1W39-67949	1
6	Cover, top (586)	G1W39-67920	1
7	Cover, front (586)	G1W39-67918	1
8	Cover, left front	G1W39-67916	1
9	Door, left	G1W39-67926	1
10	Cover, left rear	G1W39-67917	1
Not shown	Cover, lower back scanner control board (586)	G1W39-67936	1
Not shown	Cover, formatter	G1W39-67915	1
Not shown	Strap, left door, front	CN598-67002	1
Not shown	Strap, left door, rear	CN598-67003	1
Not shown	Cover, ISS	G1W39-67950	1
Not shown	Cover, HIP	G1W39-40003	1
Not shown	Cover, USB	G1W39-40019	1
Not shown	Bezel, control panel	G1W39-40002	1
Not shown	Trim, control panel	G1W39-40005	1

¹ To access HP PartSurfer information, go to <http://partsurfermobile.hp.com/>.

Parts and diagrams: Internal assemblies

The figures below show component parts of the printer. A parts list table follows each figure, listing the item number, the associated part number, and the description of each part. If a part is not listed in the tables, then it is not a field 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: 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.

Exploded view and parts list

Figure 2-4 Internal assemblies

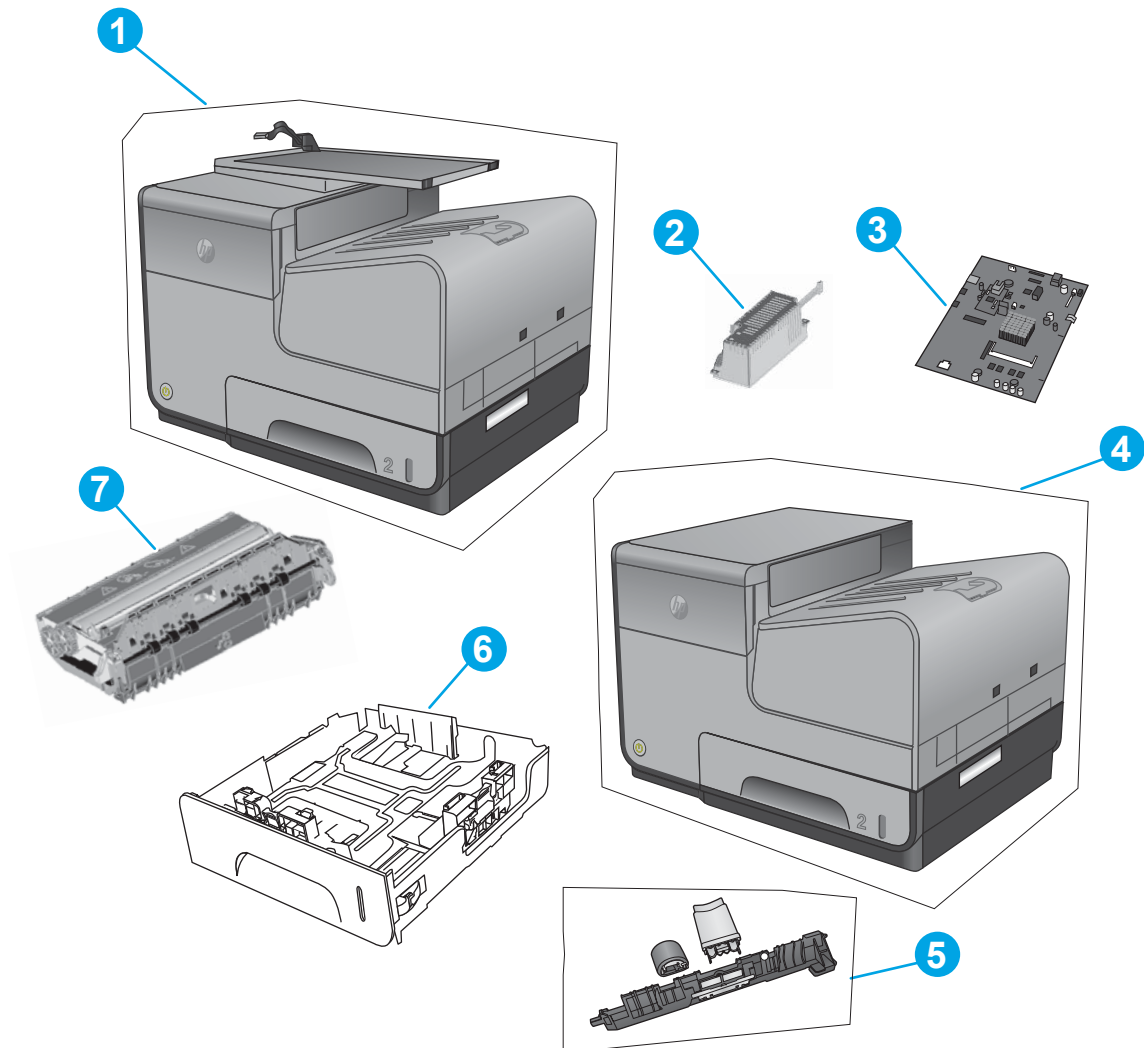


Table 2-5 Internal assemblies

Ref	Description	Part number	Qty
1	Multi-function print mechanism kit (586)	G1W39-69001	1
2	Power supply, universal 110V and 220V	G1W39-67912	1
3	Formatter PCA assembly (556)	G1W46-67911	1
3	Formatter PCA assembly—China only (556)	G1W46-67912	1
3	Formatter PCA assembly (586)	G1W39-67914	1
3	Formatter PCA assembly—China only (586)	G1W39-67939	1
4	Single-function print mechanism kit (556)	G1W47-67901	1
5	Rollers, separation/pick, Tray 2	CN598-67018	1
5	Rollers, separation/pick, Tray 3	D3Q21-67002	1
5	Rollers, separation/pick, Trays 4 and 5	D3Q21-67003	1
6	Tray 2	G1W39-67955	1
7	Ink collection unit	B5L04-67906	1
Not shown	Tray 3 assembly and feeder kit	G1W39-67952	1
Not shown	Tray 3 (tray only)	G1W39-67956	1
Not shown	Tray 4 assembly and feeder kit	G1W39-67953	1
Not shown	Tray 4 (tray only)	G1W39-67957	1
Not shown	Tray 5 assembly and feeder kit	G1W39-67954	1
Not shown	Tray 5 (tray only)	G1W39-67958	1
Not shown	Cable, power supply kit	G1W39-67913	1
Not shown	320 GB hard disk drive (HDD; 586 all; 556xh)	G1W41-67902	1
Not shown	embedded MultiMedia Card (eMMC; 556dn)	G1W47-67902	1
Not shown	Fax PCA (586f/z service kit)	CC487-67901	1
Not shown	Print bar restraint kit	D3Q21-67004	1
Not shown	Wet fl ship cap	D3Q24-67041	1
Not shown	Advanced cleaning pad kit	CN459-67006	1
Not shown	Ship/move kit	G1W39-67948	1

¹ To access HP PartSurfer information, go to <http://partsurfermobile.hp.com/>.

Alphabetical parts list

Table 2-6 Alphabetical parts list

Description	Part number	Table and page
320 GB hard disk drive (HDD; 586 all; 556xh)	G1W41-67902	Internal assemblies on page 629
Advanced cleaning pad kit	CN459-67006	Internal assemblies on page 629
Bezel, control panel	G1W39-40002	Covers (586 models) on page 627
Cable, power supply kit	G1W39-67913	Internal assemblies on page 629
Control panel (556)	G1W41-67907	Covers (556 models) on page 625
Control panel (586) kit	G1W41-67905	Document feeder and scanner whole units (586 only) on page 623
Cover, formatter	G1W39-67915	Covers (556 models) on page 625
Cover, formatter	G1W39-67915	Covers (586 models) on page 627
Cover, front (556)	G1W39-67918	Covers (556 models) on page 625
Cover, front (586)	G1W39-67918	Covers (586 models) on page 627
Cover, HIP	G1W46-67914	Covers (556 models) on page 625
Cover, HIP	G1W39-40003	Covers (586 models) on page 627
Cover, image scanner base (586)	G1W39-67937	Covers (586 models) on page 627
Cover, ISS	G1W39-67950	Covers (556 models) on page 625
Cover, ISS	G1W39-67950	Covers (586 models) on page 627
Cover, keyboard blank (586)	G1W39-67933	Document feeder and scanner whole units (586 only) on page 623
Cover, left front	G1W39-67916	Covers (556 models) on page 625
Cover, left front	G1W39-67916	Covers (586 models) on page 627
Cover, left rear	G1W39-67917	Covers (556 models) on page 625
Cover, left rear	G1W39-67917	Covers (586 models) on page 627
Cover, left top front	G1W46-67909	Covers (556 models) on page 625

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
Cover, left top rear	G1W46-67910	Covers (556 models) on page 625
Cover, lower back scanner control board (586)	G1W39-67936	Covers (586 models) on page 627
Cover, rear	G1W39-67919	Covers (556 models) on page 625
Cover, rear	G1W39-67919	Covers (586 models) on page 627
Cover, right (outer)	G1W39-67922	Covers (556 models) on page 625
Cover, right (outer)	G1W39-67922	Covers (586 models) on page 627
Cover, top (556)	Not orderable	Covers (556 models) on page 625
Cover, top (586)	G1W39-67920	Covers (586 models) on page 627
Cover, USB	G1W39-40019	Covers (586 models) on page 627
Document feeder (586) kit; includes white backing and retention clips	G1W41-67908	Document feeder and scanner whole units (586 only) on page 623
Document feeder roller replacement kit (586)	B5L52-67903	Document feeder and scanner whole units (586 only) on page 623
Door, left	G1W39-67926	Covers (556 models) on page 625
Door, left	G1W39-67926	Covers (586 models) on page 627
embedded MultiMedia Card (eMMC; 556dn)	G1W47-67902	Internal assemblies on page 629
Fax PCA (586f/z service kit)	CC487-67901	Internal assemblies on page 629
Flap-eject assembly	G1W39-67949	Covers (556 models) on page 625
Flap-eject assembly	G1W39-67949	Covers (586 models) on page 627
Formatter PCA assembly (556)	G1W46-67911	Internal assemblies on page 629
Formatter PCA assembly (586)	G1W39-67914	Internal assemblies on page 629
Formatter PCA assembly—China only (556)	G1W46-67912	Internal assemblies on page 629
Formatter PCA assembly—China only (586)	G1W39-67939	Internal assemblies on page 629
Image scanner (586) kit; includes white backing and retention clips	G1W39-67943	Document feeder and scanner whole units (586 only) on page 623
Ink collection unit	B5L04-67906	Internal assemblies on page 629

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
Keyboard overlay kit (ES, PT)	5851-6023	Document feeder and scanner whole units (586 only) on page 623
Keyboard overlay kit (FR, IT, RU, DE, ES: UK Kybd)	5851-6019	Document feeder and scanner whole units (586 only) on page 623
Keyboard overlay kit (FR-CN, ES-LA, ES: US Kybd)	5851-6020	Document feeder and scanner whole units (586 only) on page 623
Keyboard overlay kit (FR-SW, DE-SW, DA: UK Kybd)	5851-6021	Document feeder and scanner whole units (586 only) on page 623
Keyboard overlay kit (JA-KG, JA-KT)	5851-6024	Document feeder and scanner whole units (586 only) on page 623
Keyboard overlay kit (ZHTW, ZHCN)	5851-6022	Document feeder and scanner whole units (586 only) on page 623
Keyboard UK (586z)	G1W41-67959	Document feeder and scanner whole units (586 only) on page 623
Keyboard US (586z)	G1W41-67938	Document feeder and scanner whole units (586 only) on page 623
Multi-function print mechanism kit (586)	G1W39-69001	Internal assemblies on page 629
Output bin	G1W39-67944	Covers (556 models) on page 625
Output bin	G1W39-67944	Covers (586 models) on page 627
Power supply, universal 110V and 220V	G1W39-67912	Internal assemblies on page 629
Print bar restraint kit	D3Q21-67004	Internal assemblies on page 629
Retention Clip Assembly (586)	G1W41-67904	Document feeder and scanner whole units (586 only) on page 623
Rollers, separation/pick, Tray 2	CN598-67018	Internal assemblies on page 629
Rollers, separation/pick, Tray 3	D3Q21-67002	Internal assemblies on page 629
Rollers, separation/pick, Trays 4 and 5	D3Q21-67003	Internal assemblies on page 629
Scanner control board (586)	G1W39-67935	Document feeder and scanner whole units (586 only) on page 623
Ship/move kit	G1W39-67948	Internal assemblies on page 629
Single-function print mechanism kit (556)	G1W47-67901	Internal assemblies on page 629
Strap, left door, front	CN598-67002	Covers (556 models) on page 625

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
Strap, left door, front	CN598-67002	Covers (586 models) on page 627
Strap, left door, rear	CN598-67003	Covers (556 models) on page 625
Strap, left door, rear	CN598-67003	Covers (586 models) on page 627
Tray 2	G1W39-67955	Internal assemblies on page 629
Tray 3 (tray only)	G1W39-67956	Internal assemblies on page 629
Tray 3 assembly and feeder kit	G1W39-67952	Internal assemblies on page 629
Tray 4 (tray only)	G1W39-67957	Internal assemblies on page 629
Tray 4 assembly and feeder kit	G1W39-67953	Internal assemblies on page 629
Tray 5 (tray only)	G1W39-67958	Internal assemblies on page 629
Tray 5 assembly and feeder kit	G1W39-67954	Internal assemblies on page 629
Trim, control panel	G1W39-40005	Covers (586 models) on page 627
Wet fl ship cap	D3Q24-67041	Internal assemblies on page 629
White backing (586)	G1W41-67903	Document feeder and scanner whole units (586 only) on page 623

Numerical parts list

Table 2-7 Numerical parts list

Part number	Description	Table and page
5851-6019	Keyboard overlay kit (FR, IT, RU, DE, ES: UK Kybd)	Document feeder and scanner whole units (586 only) on page 623
5851-6020	Keyboard overlay kit (FR-CN, ES-LA, ES: US Kybd)	Document feeder and scanner whole units (586 only) on page 623
5851-6021	Keyboard overlay kit (FR-SW, DE-SW, DA: UK Kybd)	Document feeder and scanner whole units (586 only) on page 623
5851-6022	Keyboard overlay kit (ZHTW, ZHCN)	Document feeder and scanner whole units (586 only) on page 623
5851-6023	Keyboard overlay kit (ES, PT)	Document feeder and scanner whole units (586 only) on page 623
5851-6024	Keyboard overlay kit (JA-KG, JA-KT)	Document feeder and scanner whole units (586 only) on page 623
B5L04-67906	Ink collection unit	Internal assemblies on page 629
B5L52-67903	Document feeder roller replacement kit (586)	Document feeder and scanner whole units (586 only) on page 623
CC487-67901	Fax PCA (586f/z service kit)	Internal assemblies on page 629
CN459-67006	Advanced cleaning pad kit	Internal assemblies on page 629
CN598-67002	Strap, left door, front	Covers (556 models) on page 625
CN598-67002	Strap, left door, front	Covers (586 models) on page 627
CN598-67003	Strap, left door, rear	Covers (556 models) on page 625
CN598-67003	Strap, left door, rear	Covers (586 models) on page 627
CN598-67018	Rollers, separation/pick, Tray 2	Internal assemblies on page 629
D3Q21-67002	Rollers, separation/pick, Tray 3	Internal assemblies on page 629
D3Q21-67003	Rollers, separation/pick, Trays 4 and 5	Internal assemblies on page 629
D3Q21-67004	Print bar restraint kit	Internal assemblies on page 629
D3Q24-67041	Wet fl ship cap	Internal assemblies on page 629
G1W39-40002	Bezel, control panel	Covers (586 models) on page 627
G1W39-40003	Cover, HIP	Covers (586 models) on page 627

Table 2-7 Numerical parts list (continued)

Part number	Description	Table and page
G1W39-40005	Trim, control panel	Covers (586 models) on page 627
G1W39-40019	Cover, USB	Covers (586 models) on page 627
G1W39-67912	Power supply, universal 110V and 220V	Internal assemblies on page 629
G1W39-67913	Cable, power supply kit	Internal assemblies on page 629
G1W39-67914	Formatter PCA assembly (586)	Internal assemblies on page 629
G1W39-67915	Cover, formatter	Covers (556 models) on page 625
G1W39-67915	Cover, formatter	Covers (586 models) on page 627
G1W39-67916	Cover, left front	Covers (556 models) on page 625
G1W39-67916	Cover, left front	Covers (586 models) on page 627
G1W39-67917	Cover, left rear	Covers (556 models) on page 625
G1W39-67917	Cover, left rear	Covers (586 models) on page 627
G1W39-67918	Cover, front (556)	Covers (556 models) on page 625
G1W39-67918	Cover, front (586)	Covers (586 models) on page 627
G1W39-67919	Cover, rear	Covers (556 models) on page 625
G1W39-67919	Cover, rear	Covers (586 models) on page 627
G1W39-67920	Cover, top (586)	Covers (586 models) on page 627
G1W39-67922	Cover, right (outer)	Covers (556 models) on page 625
G1W39-67922	Cover, right (outer)	Covers (586 models) on page 627
G1W39-67926	Door, left	Covers (556 models) on page 625
G1W39-67926	Door, left	Covers (586 models) on page 627
G1W39-67933	Cover, keyboard blank (586)	Document feeder and scanner whole units (586 only) on page 623
G1W39-67935	Scanner control board (586)	Document feeder and scanner whole units (586 only) on page 623

Table 2-7 Numerical parts list (continued)

Part number	Description	Table and page
G1W39-67936	Cover, lower back scanner control board (586)	Covers (586 models) on page 627
G1W39-67937	Cover, image scanner base (586)	Covers (586 models) on page 627
G1W39-67939	Formatter PCA assembly—China only (586)	Internal assemblies on page 629
G1W39-67943	Image scanner (586) kit; includes white backing and retention clips	Document feeder and scanner whole units (586 only) on page 623
G1W39-67944	Output bin	Covers (556 models) on page 625
G1W39-67944	Output bin	Covers (586 models) on page 627
G1W39-67948	Ship/move kit	Internal assemblies on page 629
G1W39-67949	Flap-eject assembly	Covers (556 models) on page 625
G1W39-67949	Flap-eject assembly	Covers (586 models) on page 627
G1W39-67950	Cover, ISS	Covers (556 models) on page 625
G1W39-67950	Cover, ISS	Covers (586 models) on page 627
G1W39-67952	Tray 3 assembly and feeder kit	Internal assemblies on page 629
G1W39-67953	Tray 4 assembly and feeder kit	Internal assemblies on page 629
G1W39-67954	Tray 5 assembly and feeder kit	Internal assemblies on page 629
G1W39-67955	Tray 2	Internal assemblies on page 629
G1W39-67956	Tray 3 (tray only)	Internal assemblies on page 629
G1W39-67957	Tray 4 (tray only)	Internal assemblies on page 629
G1W39-67958	Tray 5 (tray only)	Internal assemblies on page 629
G1W39-69001	Multi-function print mechanism kit (586)	Internal assemblies on page 629
G1W41-67902	320 GB hard disk drive (HDD; 586 all; 556xh)	Internal assemblies on page 629
G1W41-67903	White backing (586)	Document feeder and scanner whole units (586 only) on page 623
G1W41-67904	Retention Clip Assembly (586)	Document feeder and scanner whole units (586 only) on page 623
G1W41-67905	Control panel (586) kit	Document feeder and scanner whole units (586 only) on page 623
G1W41-67907	Control panel (556)	Covers (556 models) on page 625

Table 2-7 Numerical parts list (continued)

Part number	Description	Table and page
G1W41-67908	Document feeder (586) kit; includes white backing and retention clips	Document feeder and scanner whole units (586 only) on page 623
G1W41-67938	Keyboard US (586z)	Document feeder and scanner whole units (586 only) on page 623
G1W41-67959	Keyboard UK (586z)	Document feeder and scanner whole units (586 only) on page 623
G1W46-67909	Cover, left top front	Covers (556 models) on page 625
G1W46-67910	Cover, left top rear	Covers (556 models) on page 625
G1W46-67911	Formatter PCA assembly (556)	Internal assemblies on page 629
G1W46-67912	Formatter PCA assembly—China only (556)	Internal assemblies on page 629
G1W46-67914	Cover, HIP	Covers (556 models) on page 625
G1W47-67901	Single-function print mechanism kit (556)	Internal assemblies on page 629
G1W47-67902	embedded MultiMedia Card (eMMC; 556dn)	Internal assemblies on page 629
Not orderable	Cover, top (556)	Covers (556 models) on page 625

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