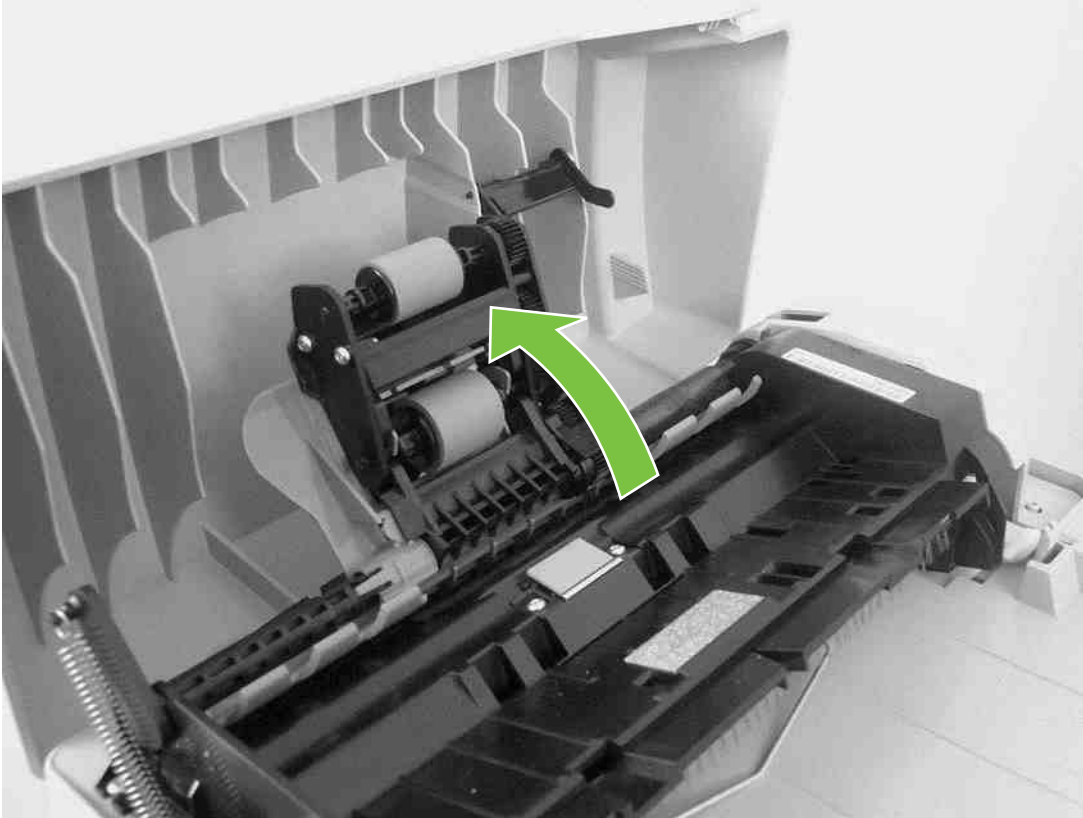## Removing the ADF separation pad
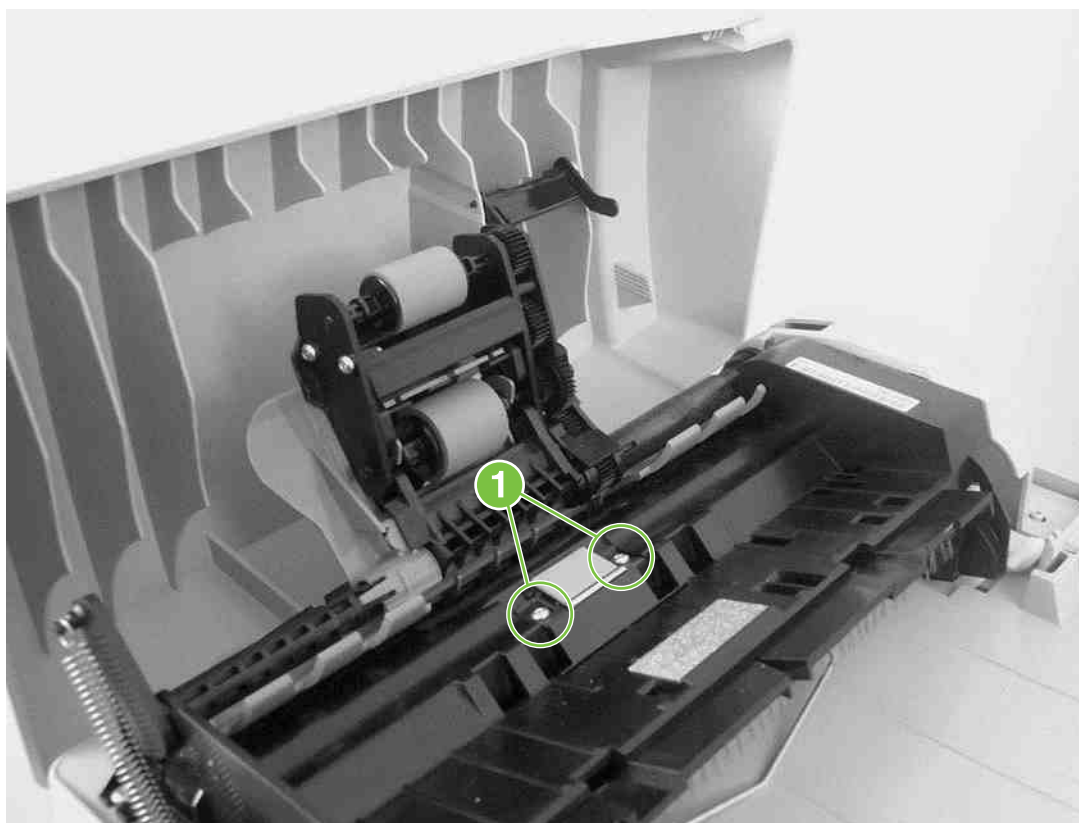
NOTE Hewlett-Packard recommends also replacing the pickup-roller assembly when you replace the separation pad .

1   Open the ADF door. Use the green lever to raise the pickup-roller assembly.
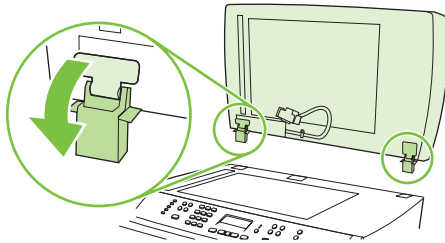

Figure 5-13 Remove the ADF separation pad (1 of 2)

2 Use a number 8 torx driver to remove the two screws (callout 1) that secure the ADF separation pad.

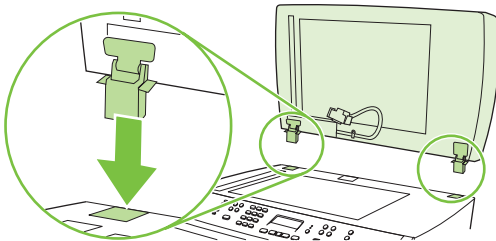**Figure 5-14** Remove the ADF separation pad (2 of 2)

3 Pull gently on the rubber ADF separation pad to remove it .

4 After replacing the ADF separation pad, run a copy-quality test (see Test 2 (copy-quality test)).
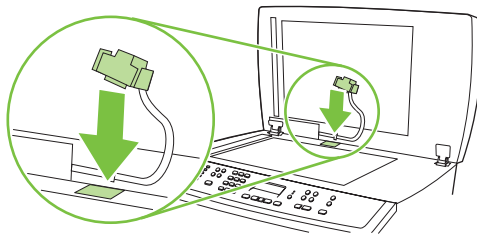
4 On the new ADF, unfold the hinges.

Figure 5-5 Replace the ADF (4 of 6)

5 Insert the hinges on the new ADF so that they are slightly tilted forward, and then push straight down into the device.

Figure 5-6 Replace the ADF (5 of 6)

6 Insert the connector by pushing down on it until it clicks into place.

Figure 5-7 Replace the ADF (6 of 6)

7 Run a copy-quality test (see Test 2 (copy-quality test)).

Replacing the ADF pickup-roller assembly

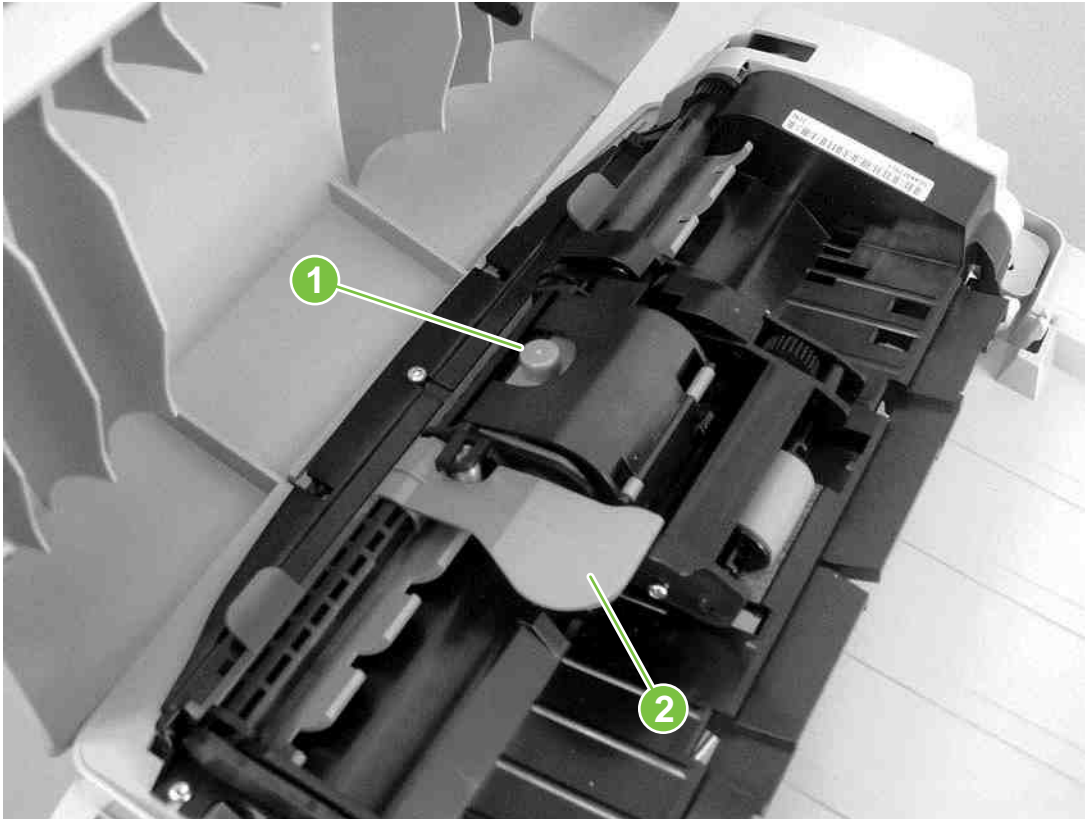If the ADF has trouble picking paper, the ADF pickup-roller assembly might need to be replaced.

NOTE Hewlett-Packard recommends also replacing the separation pad when you replace the pickup-roller assembly.

1 Make sure that the product power is off, and then open the ADF cover. Pull the end of the input tray up and then away from the scanner.
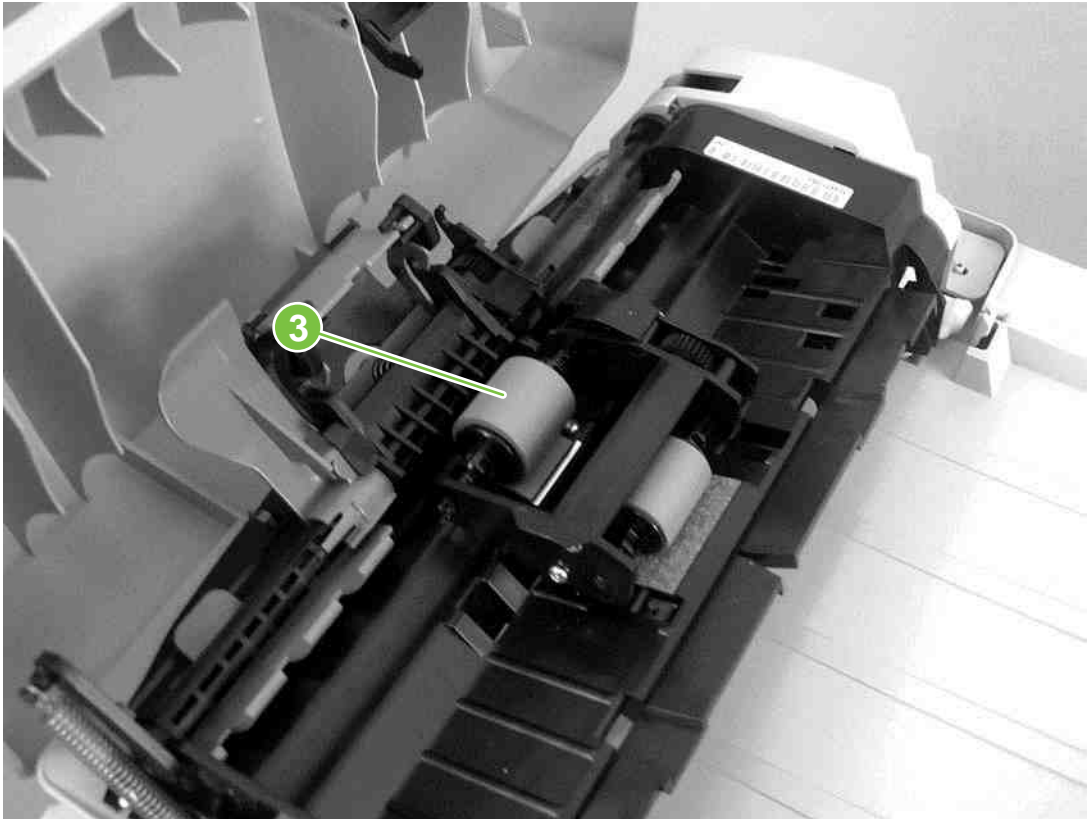

Figure 5-8 Remove the ADF pickup-roller assembly (1 of 5)

2 Press the round, green button (callout 1) while lifting the green lever (callout 2). Rotate the green lever until it stops in the open position. The pickup-roller assembly will remain on the black surface.
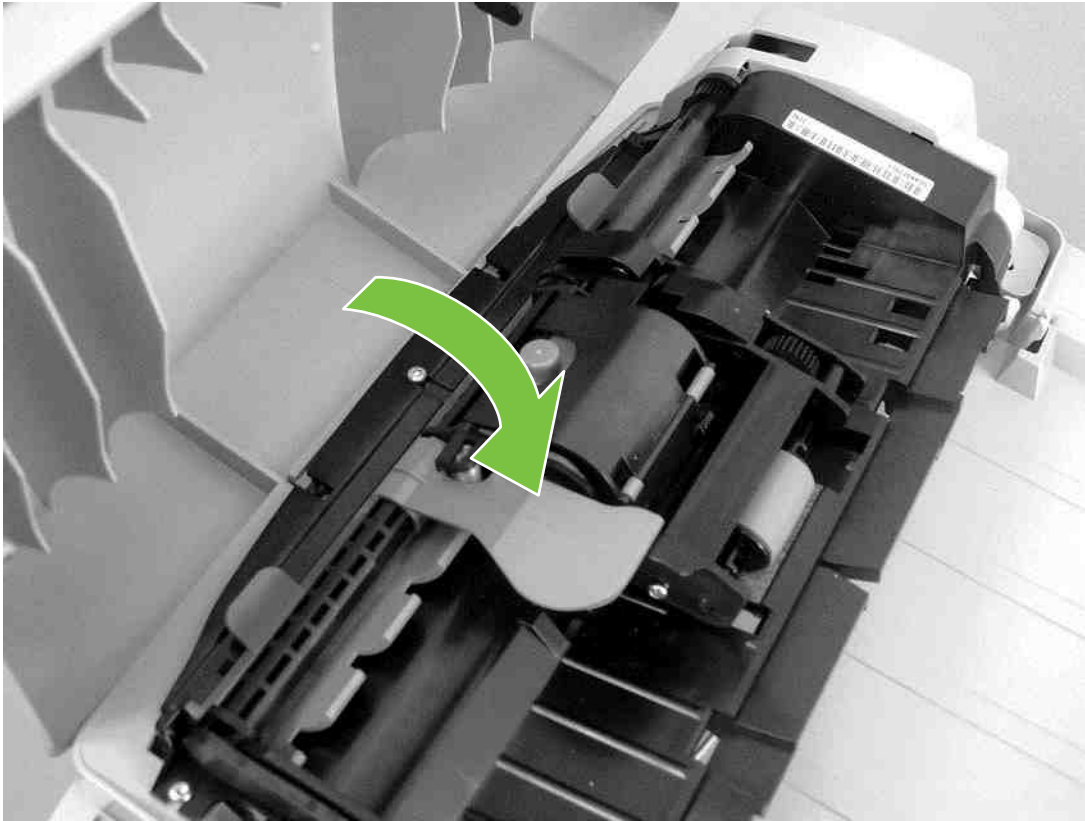

Figure 5-9 Remove the ADF pickup-roller assembly (2 of 5)

3 Remove the pickup-roller assembly, and put the replacement assembly (callout 3) in exactly the same place. The largest roller goes in back, and the gear side faces toward the back of the product.
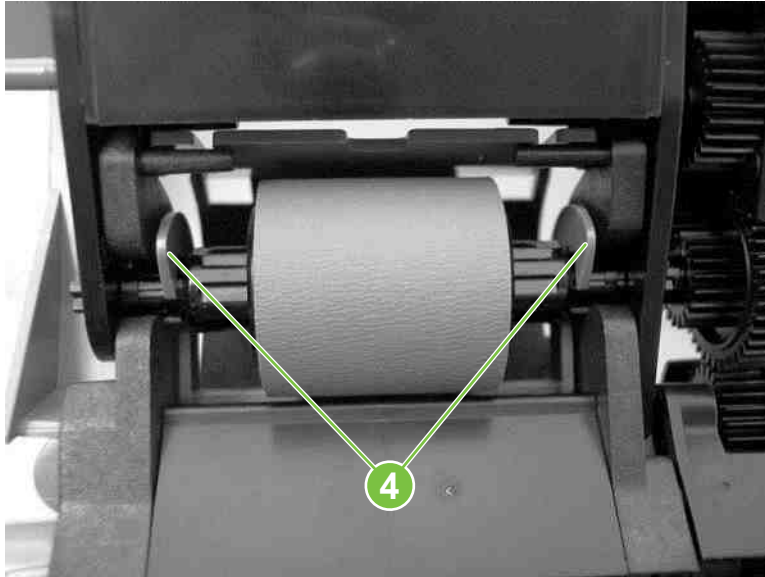

Figure 5-10 Remove the ADF pickup-roller assembly (3 of 5)

4 Lower the green lever until the flat, green part fits between the rollers. Press down on the pickup roller frame until the assembly snaps into place.

Figure 5-11 Remove the ADF pickup-roller assembly (4 of 5)

5 To check for proper installation, lift the green lever until it remains open. The new pickup-roller assembly should be secured to the lever assembly and should not fall out. Make sure that both sides of the assembly are secured by the green hooks (callout 4).
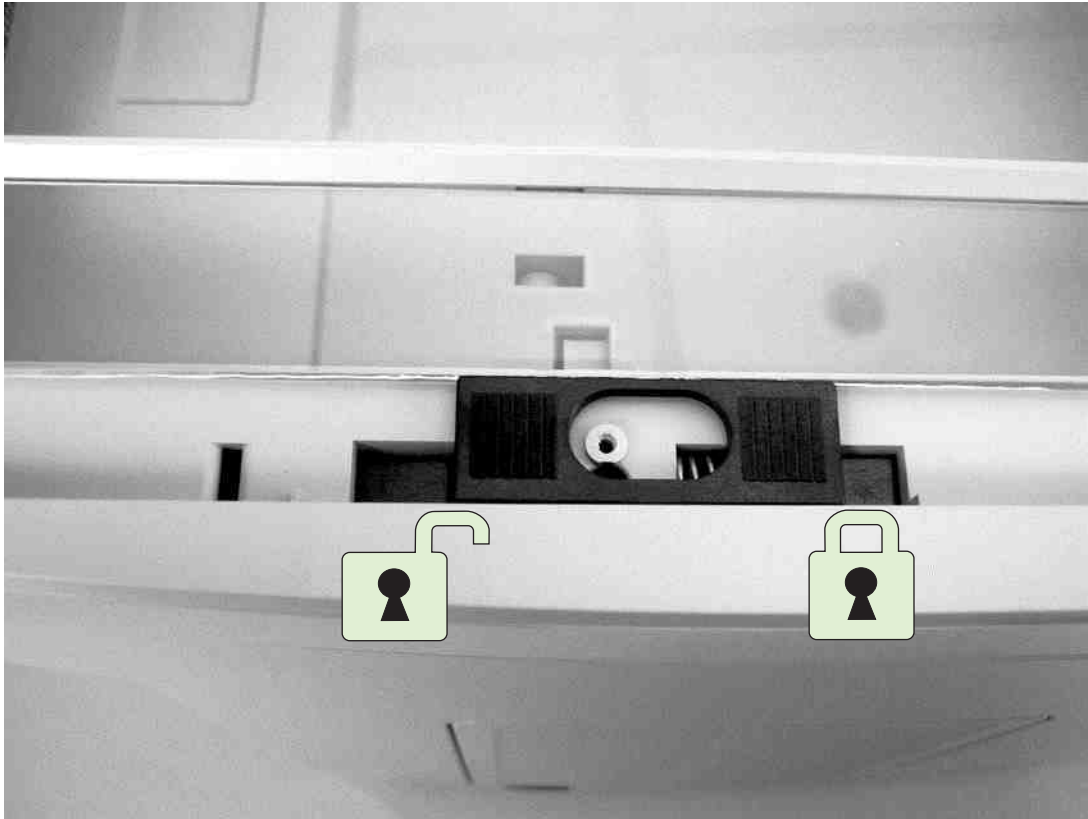

Figure 5-12 Remove the ADF pickup-roller assembly (5 of 5)

6 Run a copy-quality test (see Test 2 (copy-quality test)).

2 Replace the glass first, and then install the frame. Make sure the lock mechanism is in the released position. Press down on the frame and glass until the lock mechanism snaps back into the locked position, as shown in Figure 5-16 Install the ADF scanner glass.
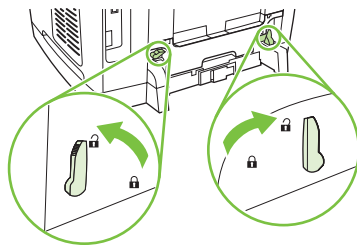

Figure 5-16 Install the ADF scanner glass

> ⚠ **CAUTION** Avoid touching the flatbed glass or the ADF separation pad. Skin oils and fingerprints can contaminate the glass or pad and cause print-quality problems or paper-pickup problems.
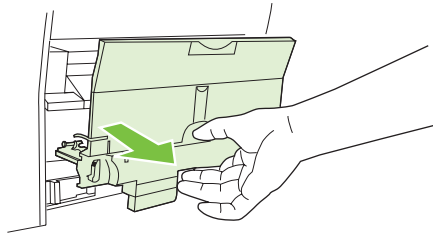
3 Replace the torx screw to secure the glass.

Replacing the fuser assembly

1 Turn off the device, and then disconnect the power cable.

2 Rotate the locks on the fuser assembly to the unlocked position.
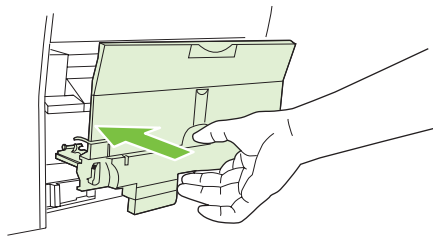
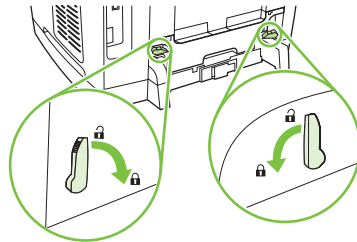**3** Grasp the fuser handle and pull the fuser assembly from the device.

⚠️ **CAUTION** The parts on the internal surface of the fuser assembly are very hot. To avoid burning yourself, do not touch those parts.
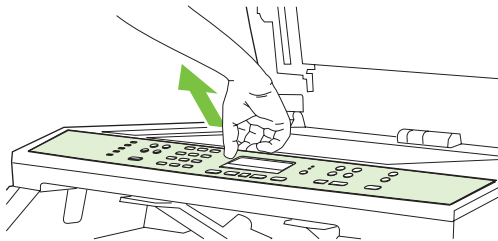
4 Insert the new fuser assembly into the device.

5 Rotate the locks on the fuser assembly to the locked position.

6 Reconnect the power cable, and then turn on the device.

7 Run a copy-quality test (see Test 2 (copy-quality test)).

Replacing the control-panel bezel

1 Turn off the device, and then open the ADF.

2 Remove the control-panel bezel by using your fingers to lift up on the top-center edge of the bezel until it begins to disengage.
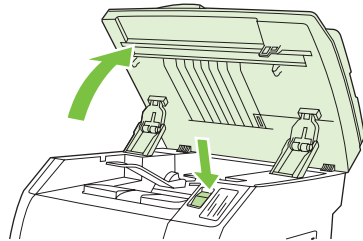

Figure 5-17 Replace the control-panel bezel (1 of 3)
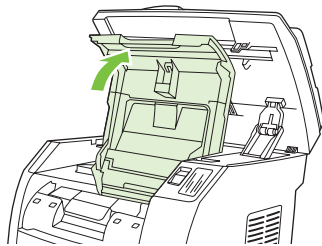
Replacing the imaging drum

📝 **NOTE** The software CD-ROM that came with the HP Color LaserJet 2820/2830/2840 all-in-one includes an animated tutorial that shows how to replace the imaging drum.
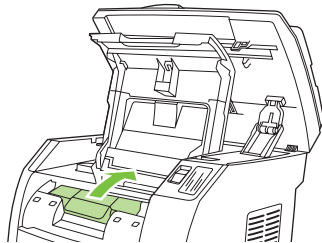
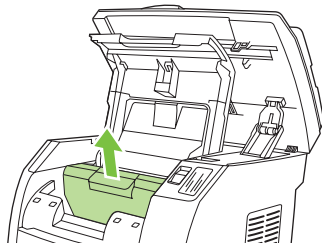1 Remove any media from the ADF, and then push the scanner-release button to open the scanner assembly.

2 Open the cartridge door.

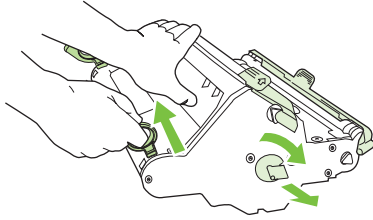3 Grasp the imaging drum handle, and then rotate the drum until the handle is at the top.

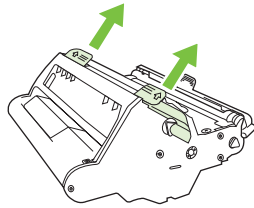4 Lift the imaging drum straight up to remove it from the device.
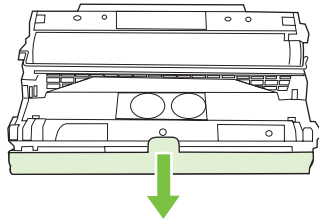
5 Remove the new imaging drum from its packaging.

6 Place the imaging drum on a firm surface, and then pull the orange rings to remove the shipping pins.

7 Remove the orange shipping lock on each end of the imaging drum, and remove the two orange shipping spacers.
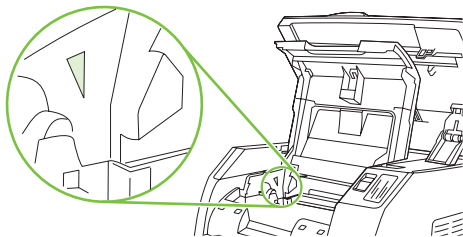
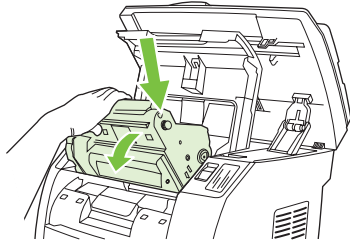**8** Remove the orange cover from the imaging drum.

⚠ **CAUTION** Do not touch the surface of the roller or expose the roller to light for an extended period of time. Doing so could cause print-quality issues.

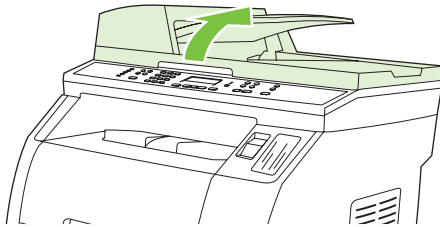**9** Align the arrows on the side of the imaging drum with the arrows inside the printer.

10 Lower the imaging drum into the printer, and then press it *firmly* into place.

11 Close the top cover and the scanner assembly.

12 Run a print-quality test (see Test 1 (print-quality test)).
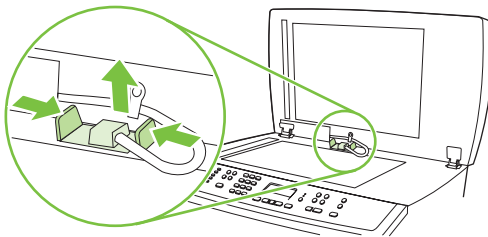
Replacing the ADF

1 Turn off the device, and then open the ADF.
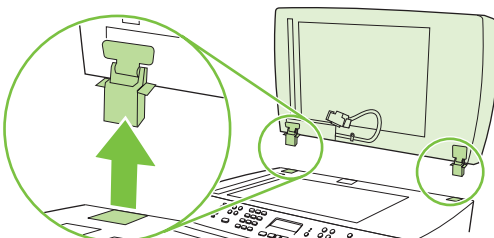

Figure 5-2 Replace the ADF (1 of 6)

2 Disconnect the ADF connector by squeezing the tabs together and lifting upward.
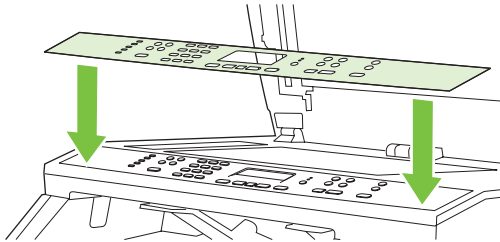

Figure 5-3 Replace the ADF (2 of 6)

3 Remove the ADF by lifting it upward and tilting it forward as the hinges nearly disconnect from the device.
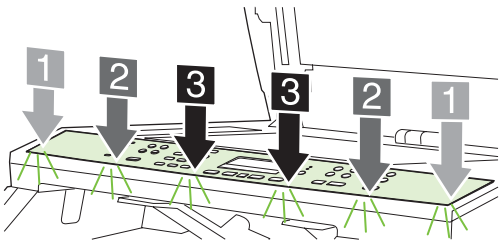

Figure 5-4 Replace the ADF (3 of 6)

3 From the center of the top edge, pry the bezel away from the device as you work your fingers toward the outside edges of the control panel.

4 To install the new control-panel bezel, align the posts on the bezel underside with the holes on the control panel.

Figure 5-18 Replace the control-panel bezel (2 of 3)

5 Press the far ends of the bezel straight down onto the device. Continue to press down while moving your fingers toward the center of the faceplate until it snaps into place.
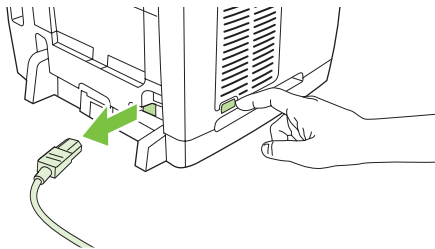

Figure 5-19 Replace the control-panel bezel (3 of 3)

Make sure that the faceplate is aligned correctly and has not captured any buttons.
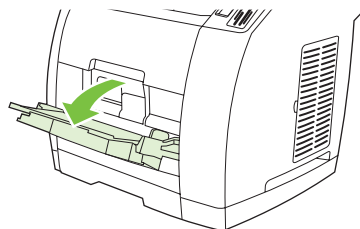
6 Run a print-quality test (see Test 1 (print-quality test)).
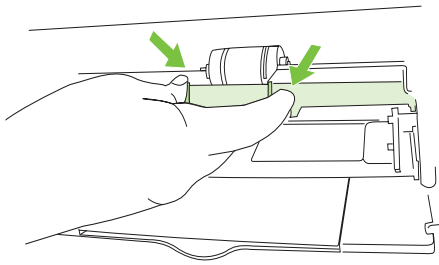
Replacing the tray 1 pickup roller and separation pad

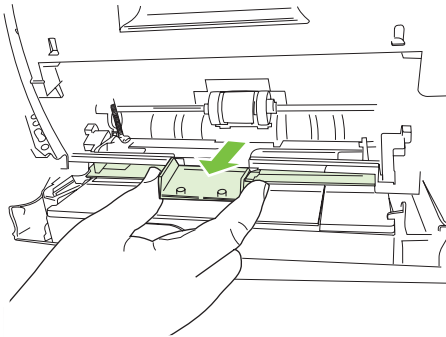**1** Turn the device off and disconnect the power cable from the back of the device.
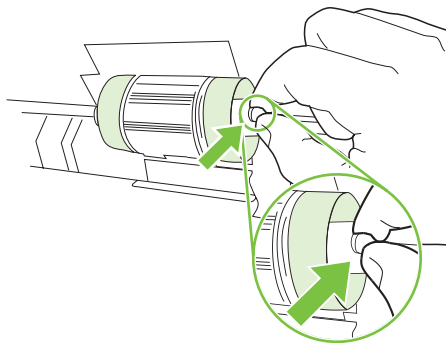

2 Open tray 1.

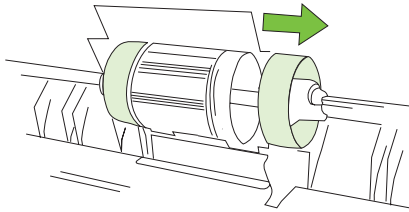**3** Find the multipurpose roller cover that is located beneath the pickup roller in tray 1.

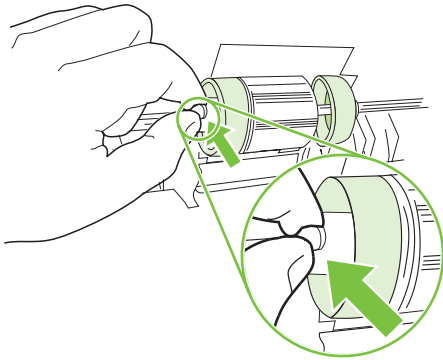**4** Grasp both sides of the center tab and pull the cover out of the device.

5 Squeeze the tab on the idler roller that is located on the right side of the pickup roller. If the tab is not visible, rotate the idler roller so that the tab is toward the front of the device.

6 Slide the idler roller to the right to separate it from the pickup roller.

7 Squeeze the tab on the idler roller that is located on the left side of the pickup roller. If the tab is not visible, rotate the idler roller so that the tab is toward the front of the device.
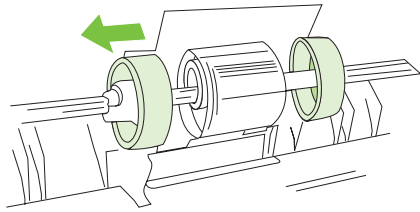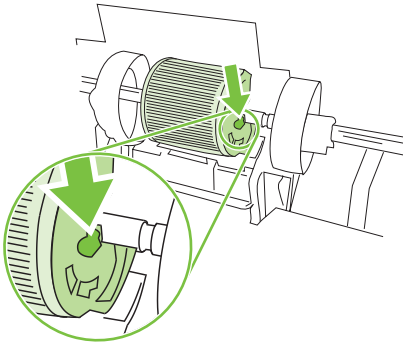
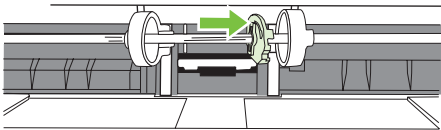**8** Slide the idler roller to the left to separate it from the pickup roller.

9 Press and hold the button that is located on the right side of the pickup roller. Slide the pickup roller slightly to the right, and then pull it off of the shaft.
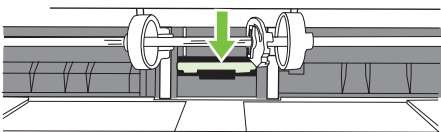

10 Move the remaining roller cam to the right so that it no longer sits above the separation pad.
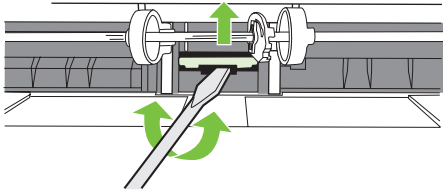

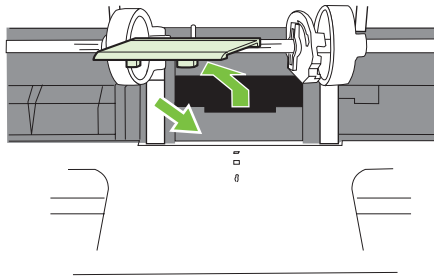Moving the roller cam will reveal a pin in the roller shaft. Do not remove the pin.

11 Locate the separation pad beneath the area of the shaft from which the pickup roller was removed.

12 Insert a flatblade screwdriver into the slot under the separation pad. Pry the pad up from the spring-loaded base by twisting the screwdriver until the tabs are separated from the device.
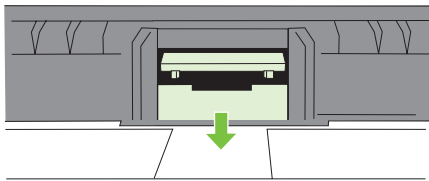

13 Use one hand to push the spring-loaded base down and then use the other hand to pull the separation pad up and out of the device.
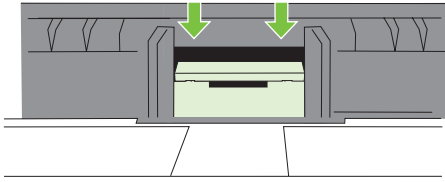

> **NOTE** If you feel resistance when you try to remove the pad, make sure that the tabs are completely separated from the device.

14 Push the spring-loaded base down and position the new separation pad in the empty slot.
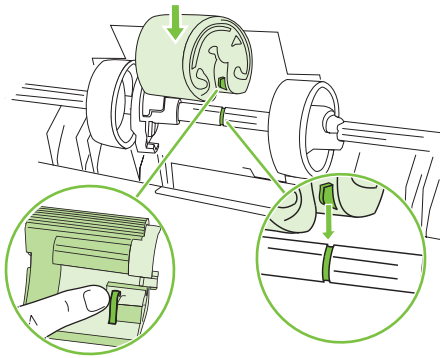

> **NOTE** Make sure that the two tabs on the edge of the pad are toward the front of the device.

15 Snap both sides of the separation pad firmly into place until they click.
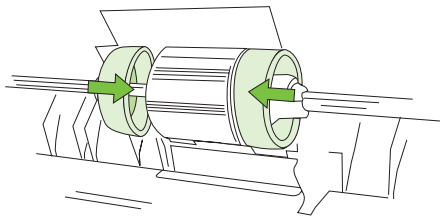

⚠ **CAUTION** If the pad is not straight, or if space exists between the pad and the base, make sure that the tabs on the pad are toward the front of the device.
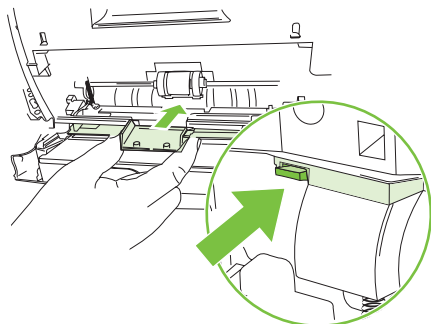
16 Hold down the new separation pad, and slide the roller cam back to the left until it snaps in place with the pin. Position the new pickup roller so that the button is on the right side, and the open side of the roller faces down. Make sure that the small ridge on the open side of the roller aligns with the groove in the shaft.
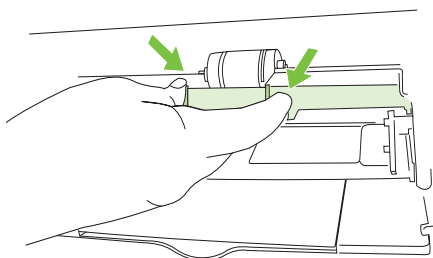

17 Slide the left and right idler rollers inward, against the pickup roller, until the idler rollers click into place.
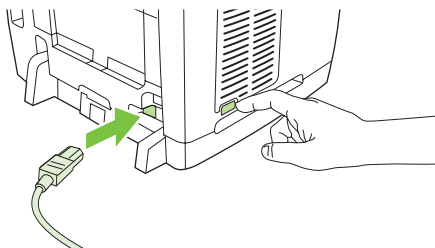
18 Hold the faceplate cover as shown in the illustration, and align the cover with the rails on the inside of the device.

19 Grasp both sides of the center tab and insert the cover into the device until the cover clicks into place. Close tray 1.

20 Reconnect the power cable to the device, and then turn on the device.

21 Run a print-quality test (see Test 1 (print-quality test)).