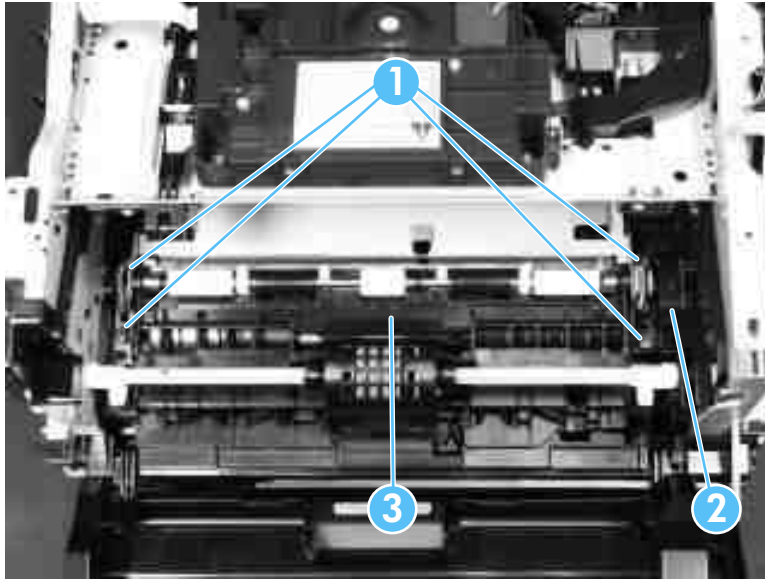



5. Remove four screws (callout 1), and then remove the gear cover (callout 2).


**Figure 1-36** Remove the registration assembly (3 of 3)




6. Slightly raise the right end of the assembly (callout 3), and then slide it to the right and lift it up to release it and remove it from the product.

 **Reinstallation tip** Insert the left end of the assembly first to reinstall the assembly.

## Fuser assembly and paper feed guide

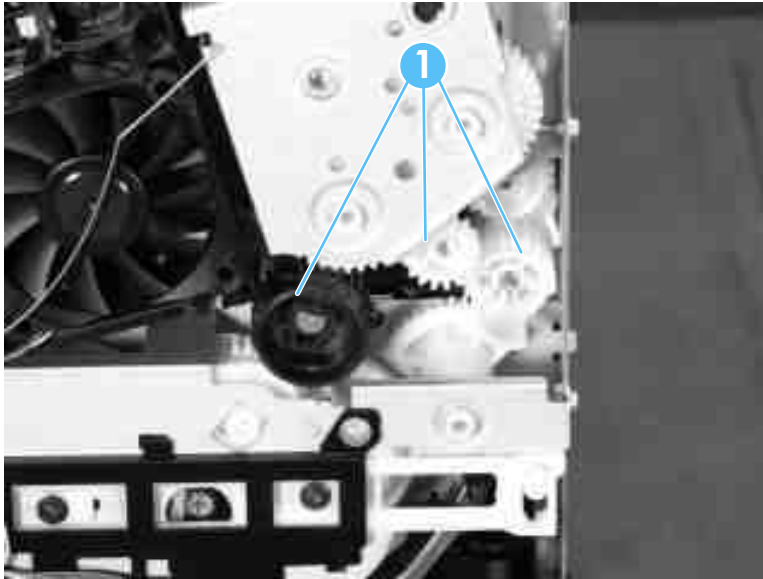
 **CAUTION:** The fuser might be hot. Allow enough time for the fuser to cool after the product power is turned off.

 **NOTE:** The toner cartridge door assembly should be in the closed position when the fuser is removed to make sure that the fuser-drive gear is correctly aligned for reinstallation.

1. Remove the following components:
  - Tray 2 cassette
  - Right cover. See [Right cover on page 12](#).
  - Left cover. See [Left cover on page 11](#).
  - Rear cover, rear door, and feed assembly. See [Rear cover, rear door, and feed assembly on page 20](#).
2. Open the rear jam access door

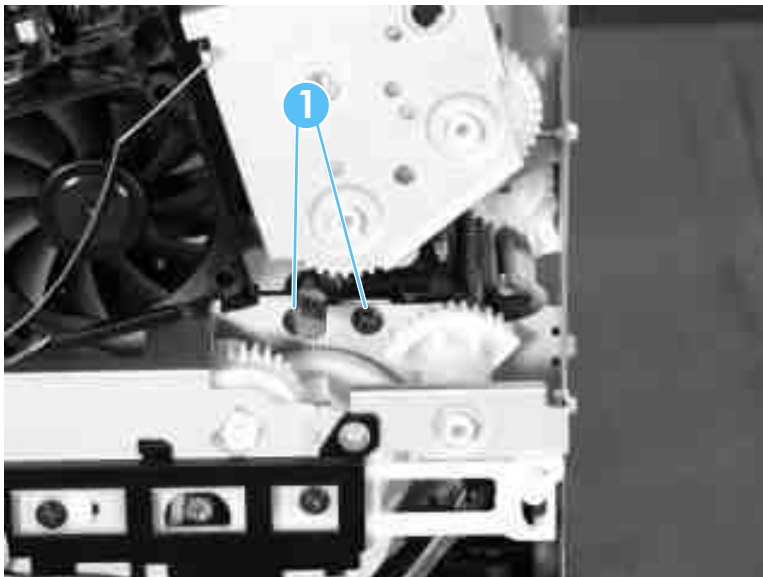
3. On the right side of the product, remove three gears (callout 1).

**Figure 1-37** Remove the fuser (1 of 5)



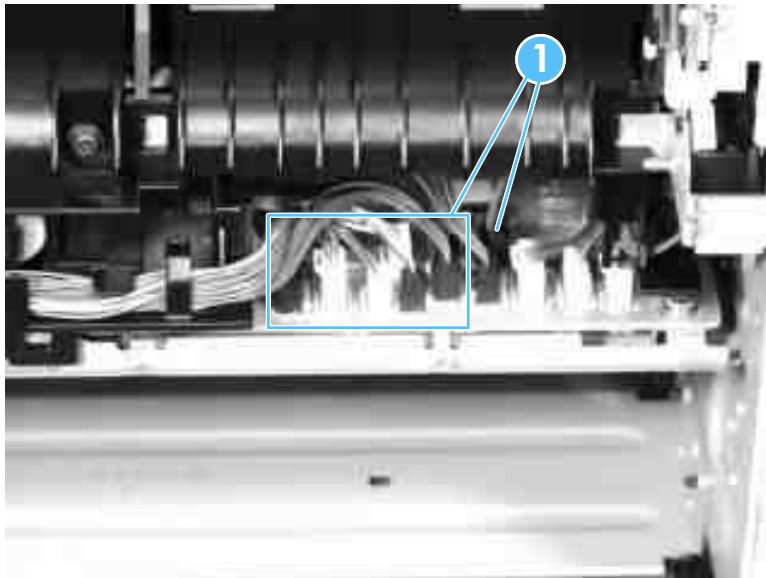
4. Remove two screws (callout 1).

**Figure 1-38** Remove the fuser (2 of 5)



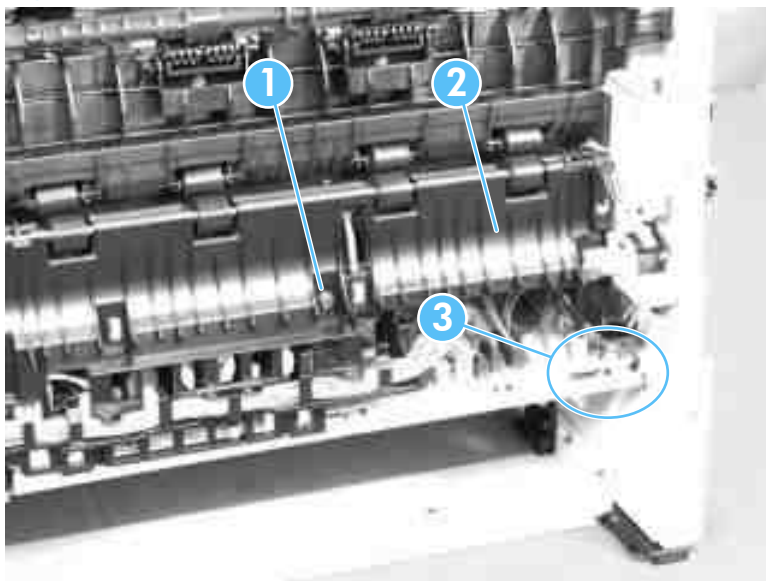
5. At the rear of the product, disconnect seven connectors (callout 1), and then pull the cable guide (callout 2) away from the product.

**Figure 1-39** Remove the fuser (3 of 5)



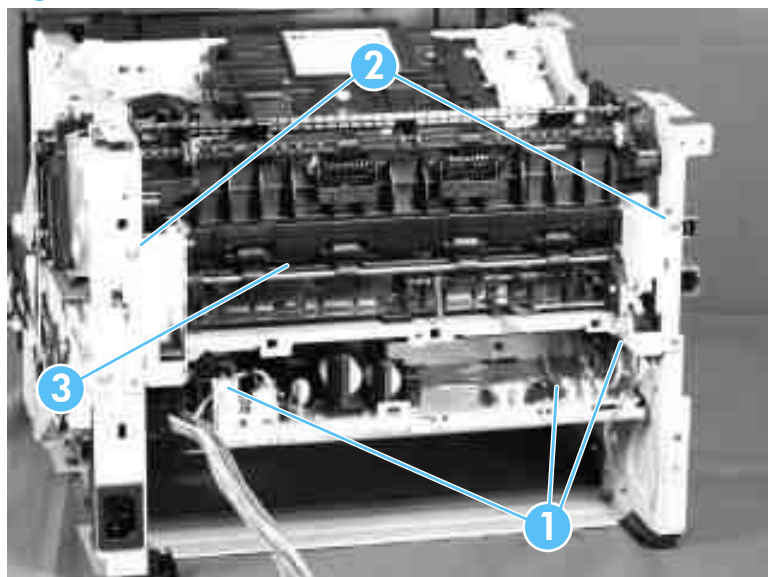
6. Remove one screw (callout 1), remove the paper feed guide (callout 2), and unroute the wire at the corner of the engine controller assembly (callout 3).

**Figure 1-40** Remove the fuser (4 of 5)



7. Disconnect three connectors (callout 1), remove two screws (callout 2), and then remove the fuser (callout 3).

**Figure 1-41** Remove the fuser (5 of 5)



## Face down drive or duplex drive assembly

Simplex products have a face-down-drive assembly installed. Duplex products have a duplexing-paper-feed assembly installed.

These components appear identical from the outside, but they have different internal gears and functions. The same procedure is used to remove either component.

1. Remove the following components:
  - Tray 2 cassette
  - Right cover. See [Right cover on page 12](#).
  - Left cover. See [Left cover on page 11](#).
  - Top cover assembly. See [Top cover with touchscreen control-panel module on page 16](#) or [Top cover with LCD control-panel module on page 13](#).
2. Open the toner cartridge door and the rear jam access door.

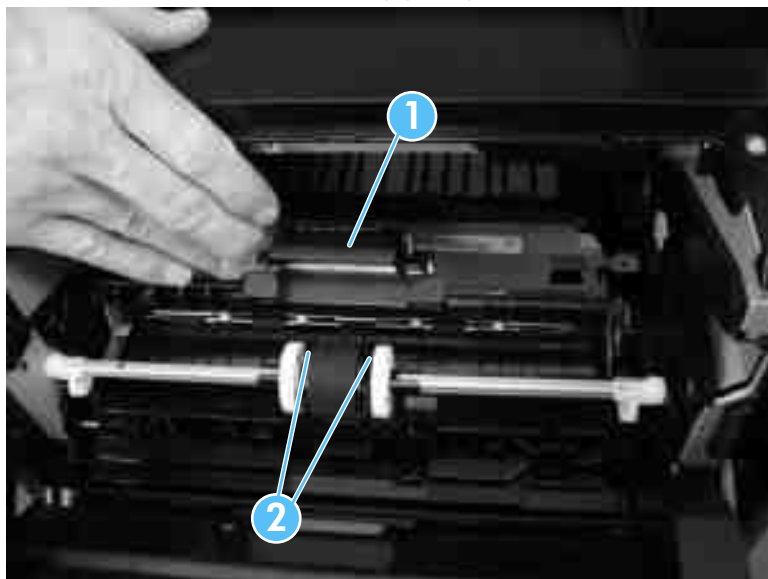
# Removal and replacement procedures

## Rollers

### Multipurpose (MP) tray pickup roller

1. Open the toner cartridge door, and then remove the toner cartridge.
2. Pull back and hold the pickup roller cover (callout 1), press the tabs (callout 2) on both ends of the pickup roller away from the roller — which should cause the roller to move up — and then remove the roller.

**Figure 1-3** Remove the MP tray pickup roller




### Multipurpose (MP) tray separation pad

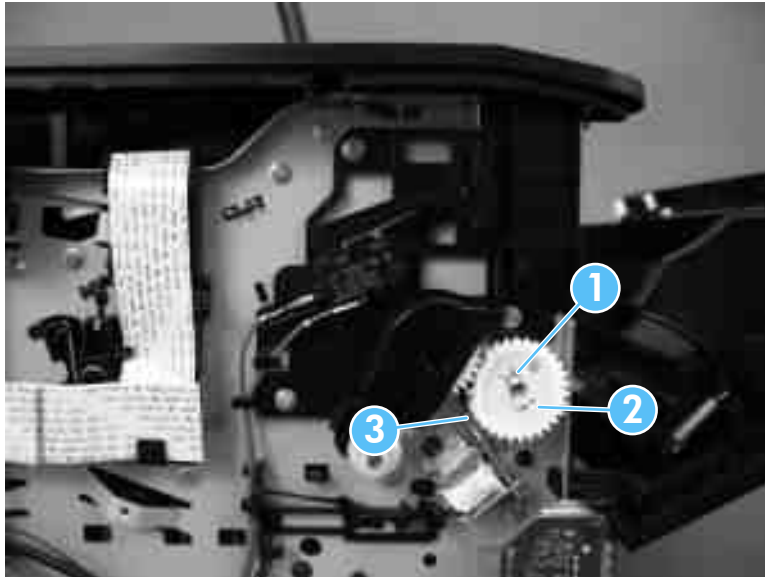
To remove the separation pad, you must first remove the pickup roller assembly.


1. Remove the following components:
  - Tray 2 cassette
  - Left cover. See [Left cover on page 11](#).
2. Open the toner cartridge door, and then remove the toner cartridge.

3. On the left side of the product, release the innermost tab (callout 1) at the center of the gear, and then remove the gear (callout 2).

 **NOTE:** The gear is composed of two pieces. Releasing the outer tab does not remove the entire gear assembly and exposes an internal spring in the gear.

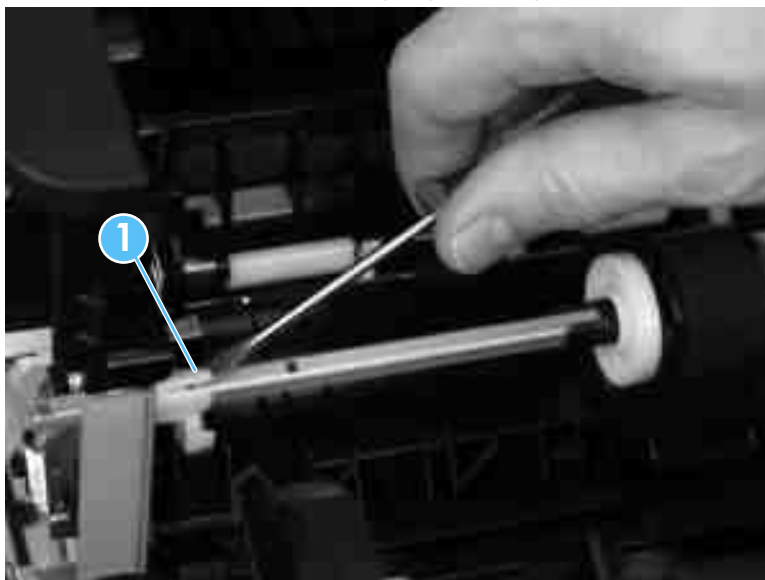
**Figure 1-4** Remove the MP tray separation pad (1 of 5)



 **Reinstallation tip** Press and hold back the gear arm (callout 3) when reinstalling the pickup gear.

4. In the toner cartridge cavity, pull back the pickup roller cover, and then use a small flat-blade screwdriver to release the tab (callout 1) on the pickup roller shaft.


**Figure 1-5** Remove the MP tray separation pad (2 of 5)



5. Move the pickup roller shaft to the left to free the right end of the shaft from the holder, and then remove the pickup roller shaft assembly to expose the separation pad.

**Figure 1-6** Remove the MP tray separation pad (3 of 5)



 **Reinstallation tip** The spring at the right end of the shaft is not captive and might fall off during this process. Make sure that the spring is positioned correctly when reinstalling, as shown in the following figure.


**Figure 1-7** Remove the MP tray separation pad (4 of 5)



6. Pull up on the top edge of the separation pad to release it from the product.

**Figure 1-8** Remove the MP tray separation pad (5 of 5)

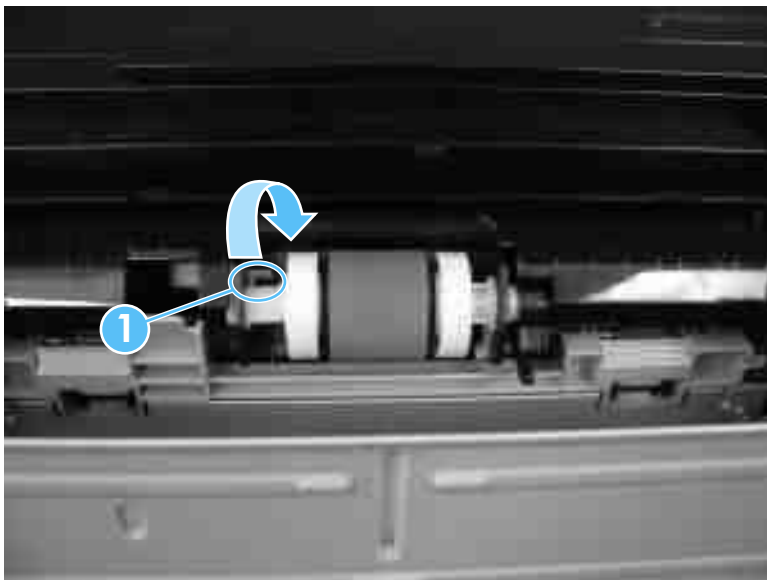


 **Reinstallation tip** When reinstalling the pickup roller shaft assembly, make sure that the flat part of the pickup roller is directly over the separation pad.

## Tray 2 and optional Tray 3 pickup roller

1. Remove the tray cassette from the product.
2. Locate the pickup roller at the top of the cassette cavity. On the left roller holder, release the tab (callout 1), and then turn the holder away from you.

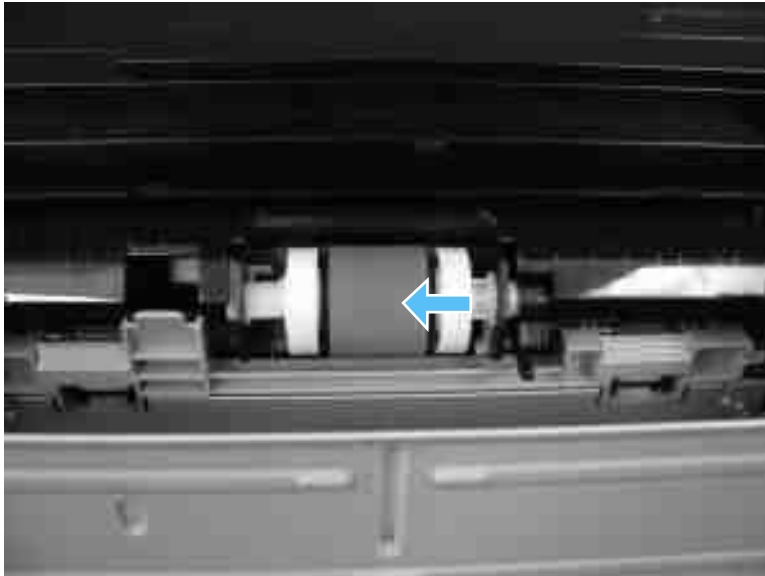
**Figure 1-9** Remove the Tray 2 or Tray 3 pickup roller (1 of 2)





3. Push the pickup roller to the left to release the right side roller, and then pull the roller out of the product.

**Figure 1-10** Remove the Tray 2 or Tray 3 pickup roller (2 of 2)

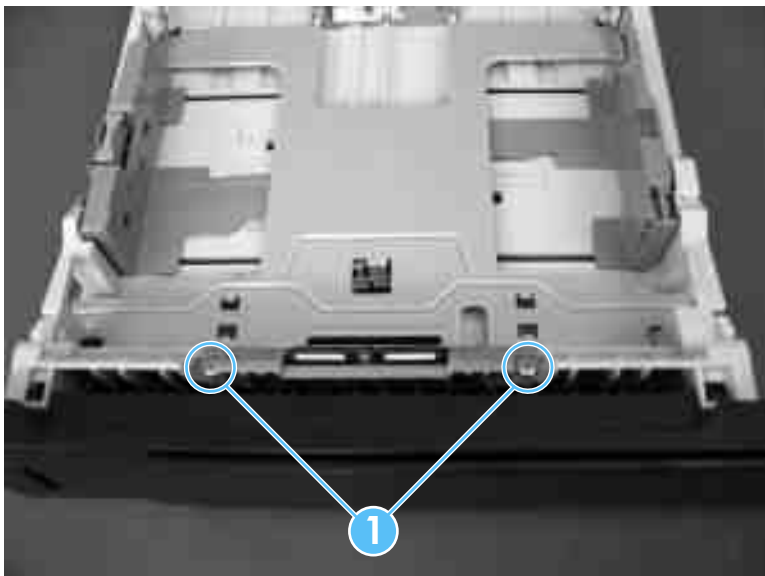


4.

### Tray 2 and optional Tray 3 separation pad

1. Remove the tray cassette from the product.
2. Locate the separation pad at the front of the cassette. On the separation pad, remove two screws (callout 1), and then remove the pad from the tray cassette.

**Figure 1-11** Remove the Tray 2 or Tray 3 separation pad



3.

## Miscellaneous parts

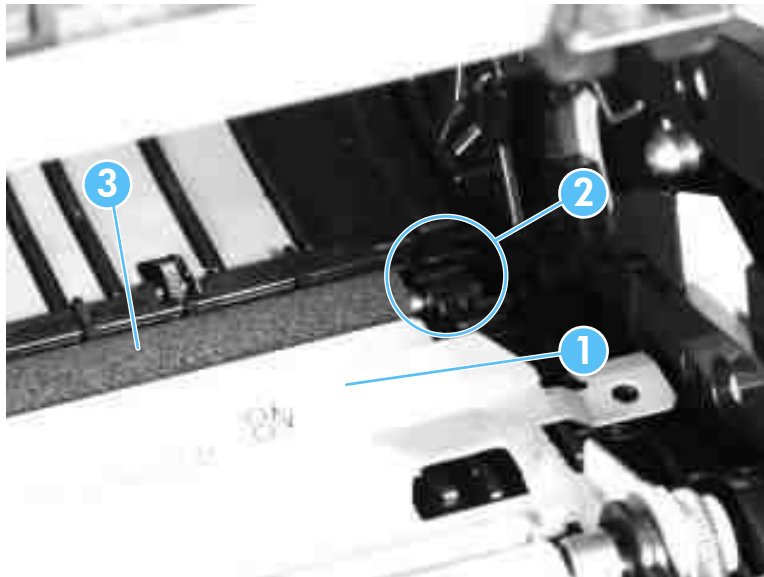
### Transfer roller

**⚠ CAUTION:** Do not touch the sponge surface of the roller unless you are replacing the roller. Skin oils on the roller can cause print-quality problems.

Always wear latex gloves when handling a transfer roller for reinstallation or replacement.

1. Open the toner cartridge door, and then remove the toner cartridge.
2. In the toner cartridge cavity, pull the sheet-metal jam plate toward the Tray 1 pickup roller cover (callout 1) and hold it, release the two tabs of the black locking clip on the right-side bushing (callout 2), pull the bushing up, and then slide the transfer roller (callout 3) to the right and remove it.

**Figure 1-71** Remove the transfer roller



**⚠ CAUTION:** The black locking clip on the right side of the transfer-roller shaft is not captive. Do not lose the locking clip when you remove the transfer roller.

### Multipurpose (MP) tray pickup gear assembly

**📝 NOTE:** The multipurpose tray is referred to as Tray 1 in user documentation.

1. Remove the following components.
  - Tray 2 cassette
  - Left cover. See [Left cover on page 11](#).