

Transfer roller

Note

There is a small grounding spring underneath the right side of the transfer roller. Do not misplace this grounding spring.

- 1 Open the print cartridge door and remove the print cartridge (page 110).
- 2 Use needle-nose pliers to gently squeeze the two small tabs on the transfer roller.
- 3 Lift the transfer roller up, slide it to the right, and lift it out of the printer.

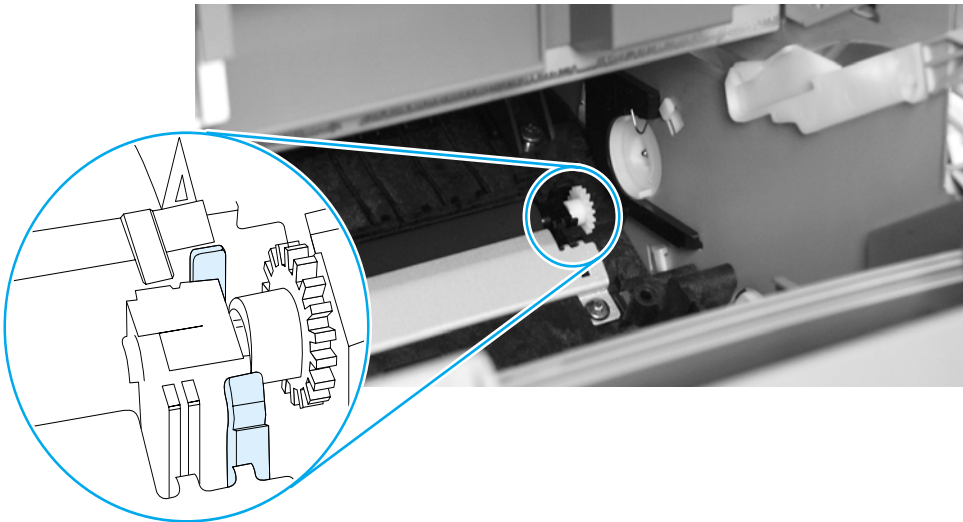


Figure 57. Removing the transfer roller

CAUTION

Do not touch the black sponge portion of the transfer roller.

Line Interface Unit (LIU)

- 1 Open or remove the left side door (page 129).
- 2 Remove one screw at the left of the formatter board (callout 1).
- 3 Disconnect the flat flexible cable (callout 2) from the connector.
- 4 Rotate the LIU around the hooks to remove.

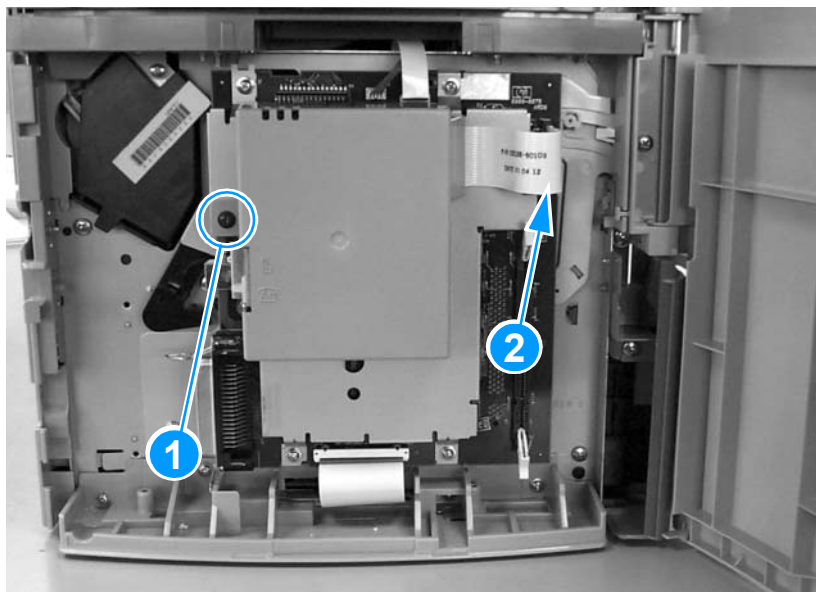


Figure 58. Removing the LIU

Formatter

Note

Removal of the LIU is not necessary to remove the formatter. However, it may make reinstallation easier.

- 1 Open or remove the left side door (page 129).
- 2 Disengage the connector lock and disconnect the flat flexible cable at the bottom of the formatter (callout 1).

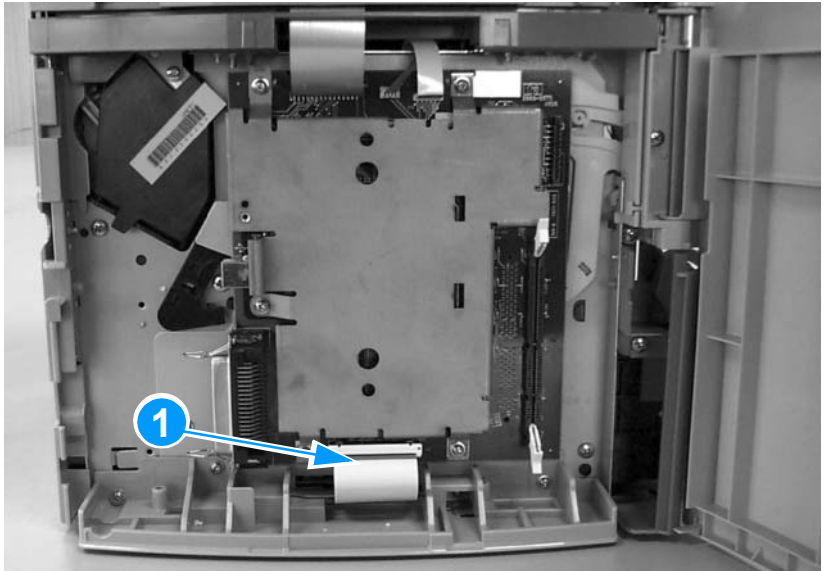


Figure 59. Removing the formatter (1 of 3)

- 3 Remove five screws (callout 1).

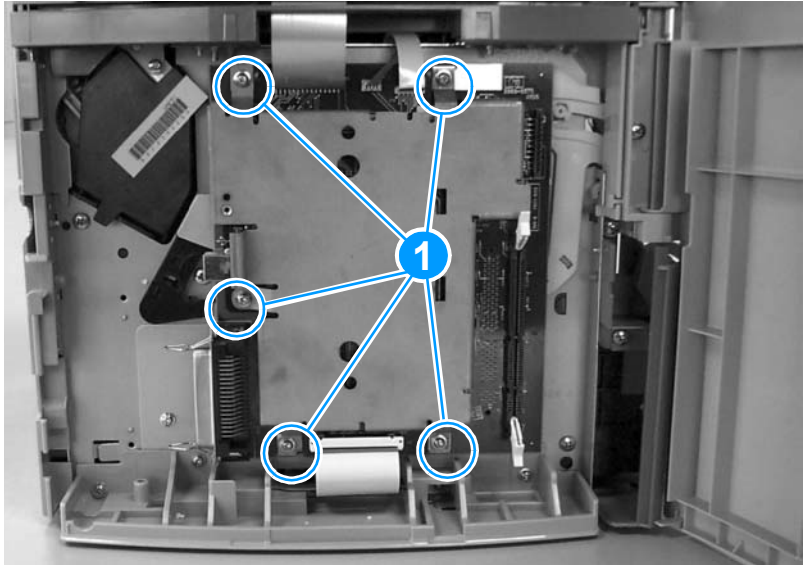


Figure 60. Removing the formatter (2 of 3)

- 4 Rotate the bottom of the formatter up and off of the hooks on the chassis and begin to remove it. After removing the bottom of the formatter, disconnect the two flat flexible cables from connectors at the top of the formatter, and unplug the scanner motor cable from the formatter (callout 1).

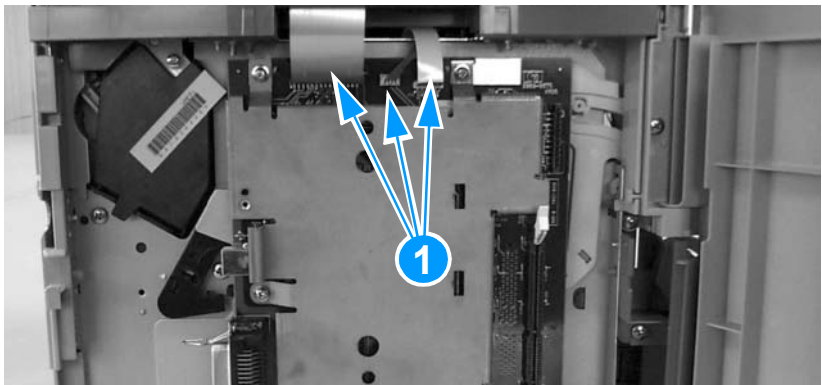


Figure 61. Removing the formatter (3 of 3)

To reinstall

When you reconnect the bottom cable, make sure you lock the ZIF connector at the bottom of the formatter back into place.

Fuser assembly

- 1 Separate the scanner from the printer (see pages 113 through 118) and remove the left side door, back cover, and printer top cover (pages 129, 130, and 132).
- 2 Remove two screws (callout 1) from the right fuser support plate.
- 3 Remove a third screw (callout 2) from behind the large gear on the right fuser plate and remove it.

Note

You can access the third screw through the holes in the 69T gear.

If you need to realign the 69T gear, you must first remove the pressure roller gear. Release the tab (callout 3) and remove the pressure roller gear.

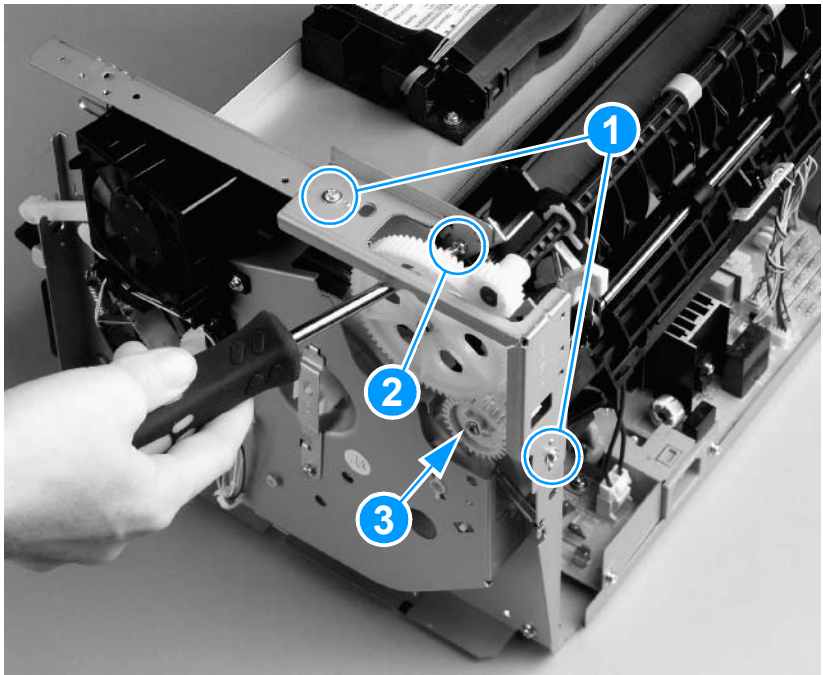


Figure 62. Removing the fuser assembly (1 of 4)

- 4 Remove three screws (callout 1) from the left fuser plate and remove it.

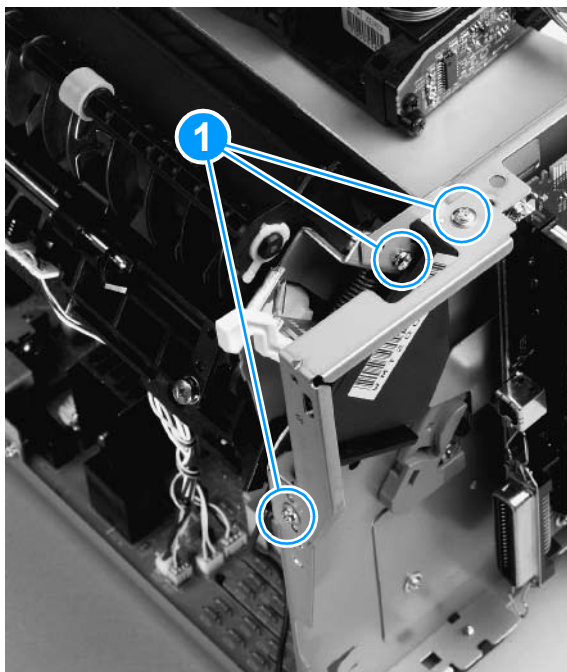


Figure 63. Removing the fuser assembly (2 of 4)

- 5 Remove two screws (callout 1), one from each side of the printer.

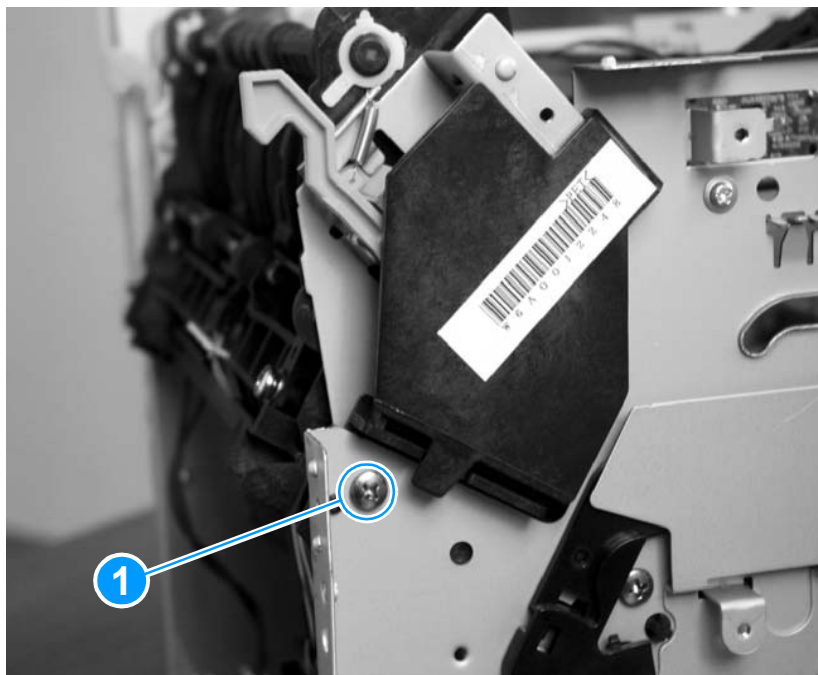


Figure 64. Removing the fuser assembly (3 of 4)

- 6 Unplug the fuser cable connector (callout 1) by pressing and releasing the tab on the back of the connector.
- 7 Unplug five smaller cable connectors (callout 2) from the ECU and unwind the cables from the fuser assembly.
- 8 Unplug the spade connector (callout 3).
- 9 Remove one screw (callout 4) from the paper-delivery sensor, and lift out the paper-delivery sensor.
- 10 Gently lift out the fuser assembly.

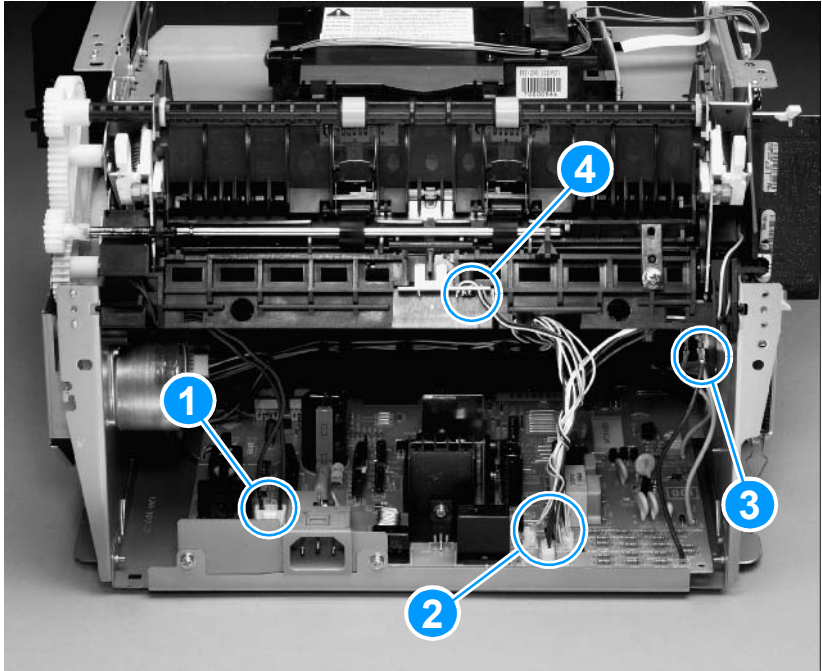


Figure 65. Removing the fuser assembly (4 of 4)

To reinstall

Remove the large gear from the end of the fuser assembly, return the fuser assembly to the chassis, and replace the large gear.

Output rollers

Facedown delivery assembly

- 1 Remove the fuser assembly (see page 144).
- 2 Remove two screws (callout 1) and lift the facedown delivery assembly away from the fuser assembly.

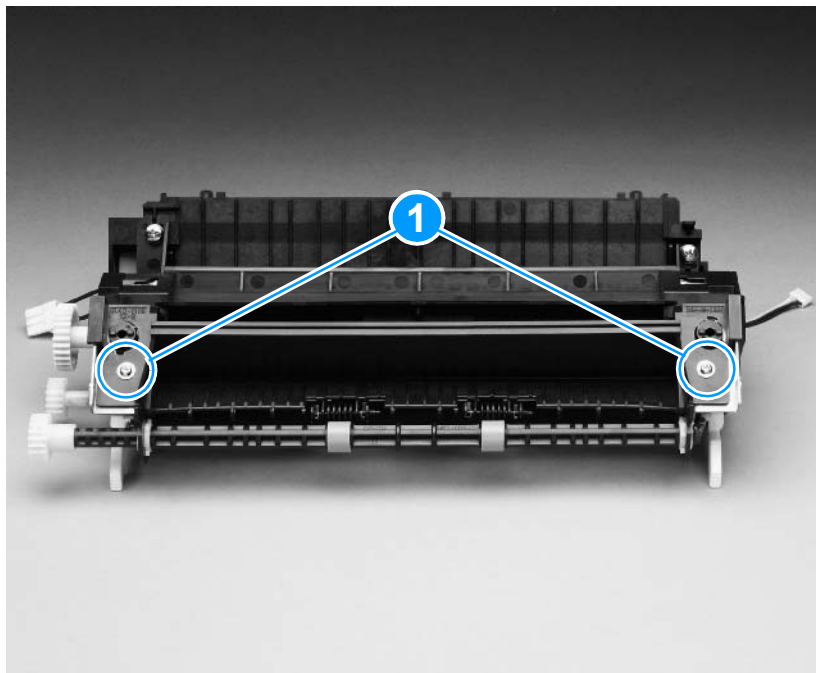


Figure 66. Removing the output rollers (1 of 2)

Faceup roller

- 1 Turn the fuser assembly over.
- 2 Remove the gear (callout 1) from the faceup roller and release the tab (callout 2) on the face-up roller bushing.
- 3 Rotate the faceup roller bushing forward until the pin releases.
- 4 Slide the faceup roller away from the gear side, and lift it out of the fuser assembly.

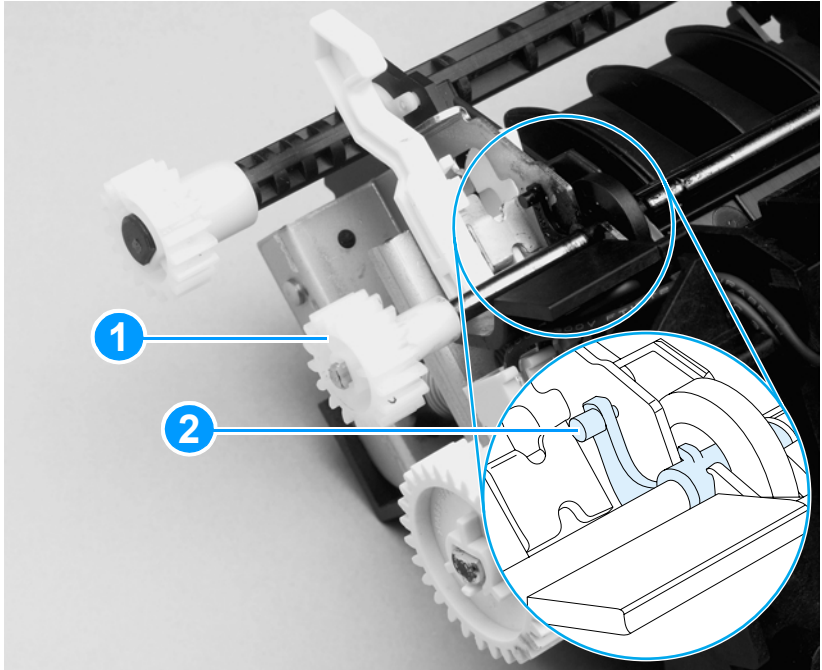


Figure 67. Removing the output rollers (2 of 2)

Reinstall note

Flex the faceup roller bushing to pop the pin back into place.

- 4 Remove two screws (callout 1).
- 5 Remove the fan assembly.
- 6 Gently thread the fan cable through the hole (callout 2) in the right side plate.
- 7 Remove the fan assembly.

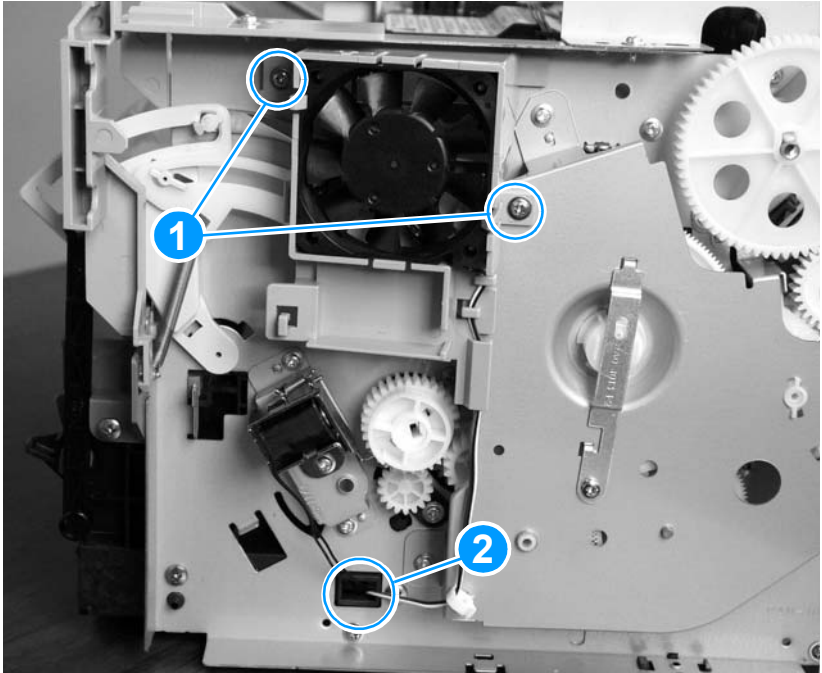


Figure 72. Removing the fan (2 of 2)

To reinstall

It might be easier to remove the ECU pan (see page 164) before rerouting the cables through the hole (callout 2) in the right side plate.

Pickup assembly

- 1 Remove the right side cover, print cartridge door, front cover, and front guide assembly (see pages 113, 133 through 138).
- 2 Remove one screw (callout 1).

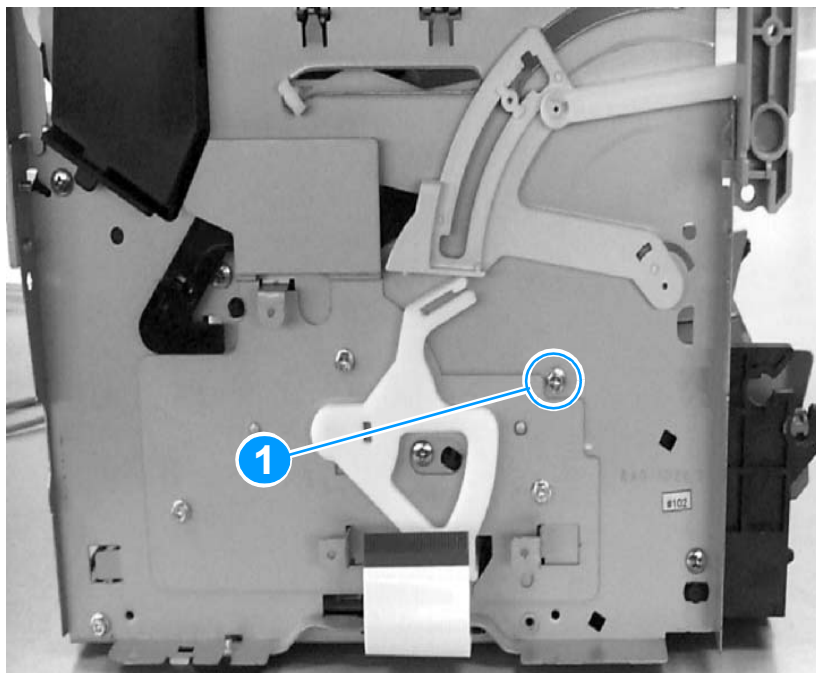


Figure 73. Removing the pickup assembly plate (1 of 3)

- 3 Remove two screws (callout 1) on the top of the upper metal shield.

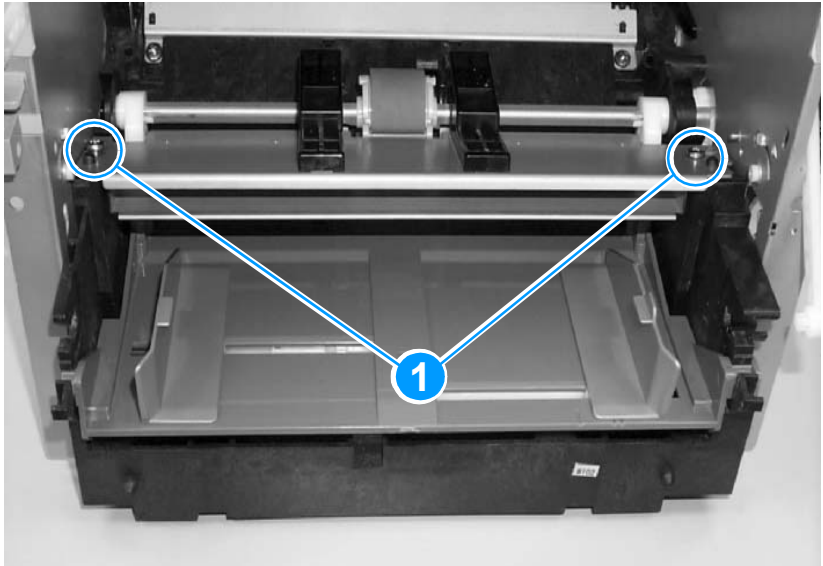


Figure 74. Removing the pickup assembly plate (2 of 3)

- 4 Lift the upper metal shield (callout 1) straight up and remove it.
- 5 Lift the lower metal shield (callout 2) straight up and remove it.

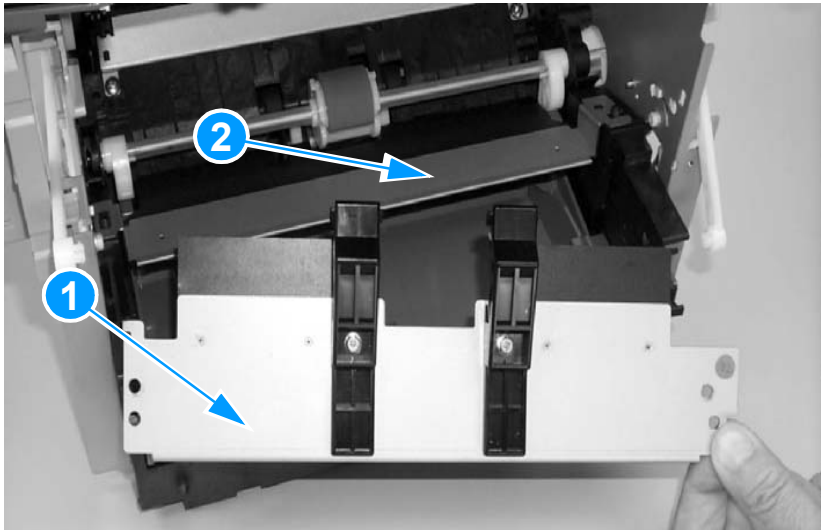


Figure 75. Removing the pickup assembly plate (3 of 3)

Paper lift-plate assembly and pickup roller shaft

- 1 Remove the front cover, print cartridge door, and front guide assembly (see pages 133 through 138).
- 2 Remove the pickup assembly (see page 155).
- 3 Release the locking tab on the pickup roller shaft as shown.

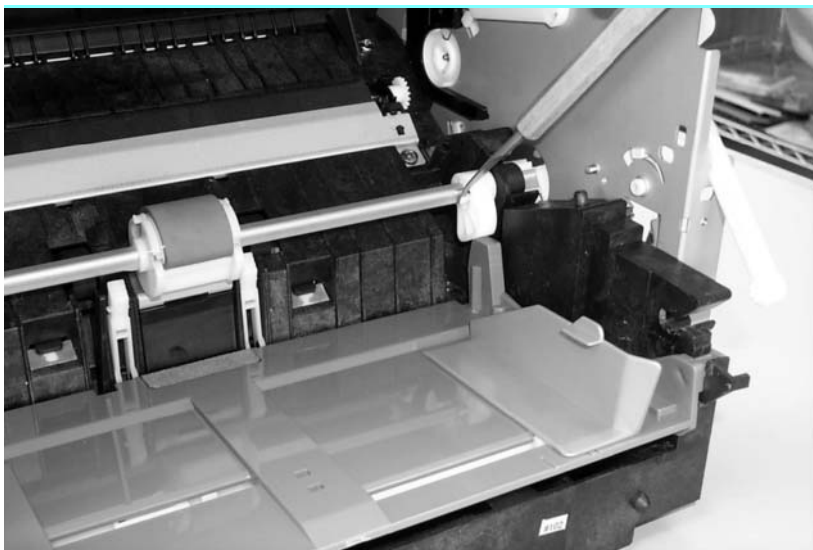


Figure 76. Removing the paper lift-plate assembly (1 of 3)

- 4 Slide the shaft toward the right until the left end releases.

5 Carefully angle the left end of the shaft back.



Figure 77. Removing the paper lift-plate assembly (2 of 3)

6 Flip up the paper lift-plate and lift it straight up to remove it.



Figure 78. Removing the paper lift-plate assembly (3 of 3)

To reinstall

Make sure that the vertical paper sensor (the narrow black plastic piece to the left of the separation pad arm) is in an upright position. Also, be sure the two springs are correctly positioned under the plate. The springs rest under the lift-plate and they encircle the metal tabs shown in the picture (callouts 1 and 2).

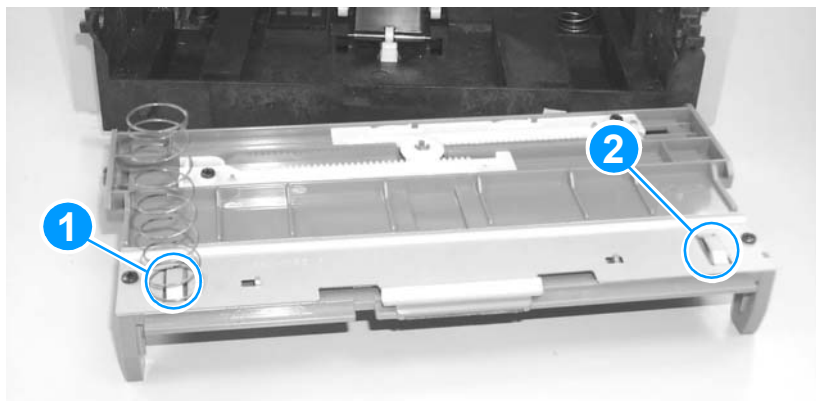


Figure 79. Paper lift-plate springs

- 7 If desired, remove the pickup roller shaft by carefully angling the left side out.

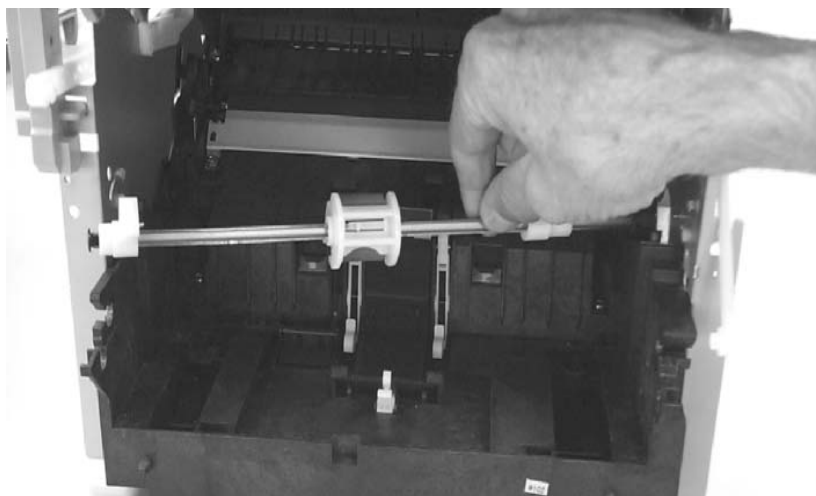


Figure 80. Removing the pickup roller shaft

To reinstall

Be sure to align the clutch on the pickup roller shaft with the follower (large plastic tab) on the paper lift-plate.

Right plate assembly

- 1 Separate the scanner from the printer (see pages 113 through 118) and remove the left side door and back cover (pages 129 and 130).
- 2 Remove the front cover, print cartridge door, and front guide assembly (see pages 133 through 138).
- 3 Remove the solenoid (see page 151).
- 4 Remove the fan assembly (see page 153).
- 5 Press the small white tab to release the clutch (see inset—you may need to use a small screwdriver), and slide the clutch to the left (toward the pickup roller).

Note

Make sure that the two halves of the clutch stay together. If they separate, you might lose the clutch spring.

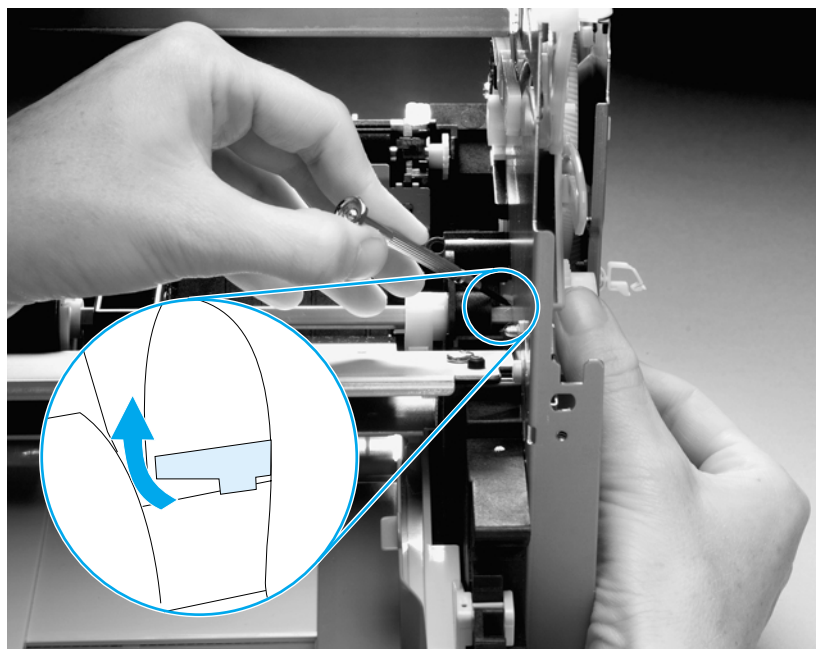


Figure 81. Removing the right plate assembly (1 of 2)

- 6 Remove seven screws (callout 1).

Note

If you have not already removed the fuser, remove the fuser screw and the largest gear on the fuser (already removed from photo), and the 69T gear (callout 2).

- 7 Remove the right plate assembly.

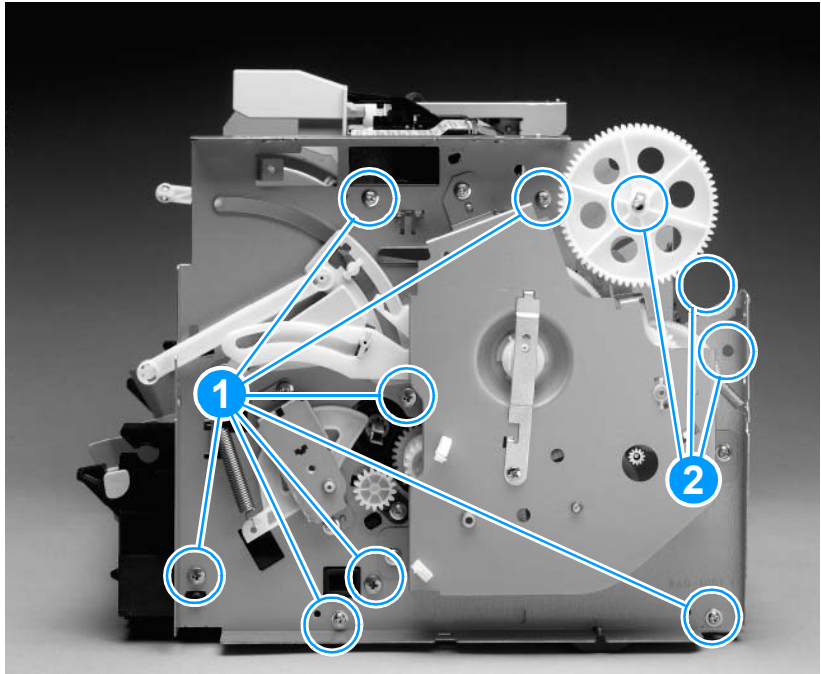


Figure 82. Removing the right plate assembly (2 of 2)