

q5421a • q5422a



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Part number: Q5421-90903

Edition 1, 10/2005

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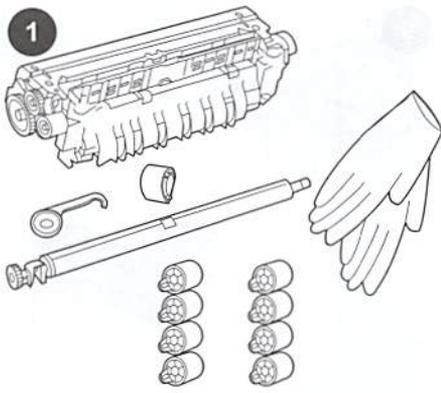
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Part number: Q5421-90903

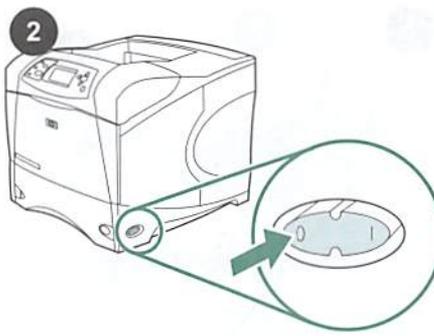
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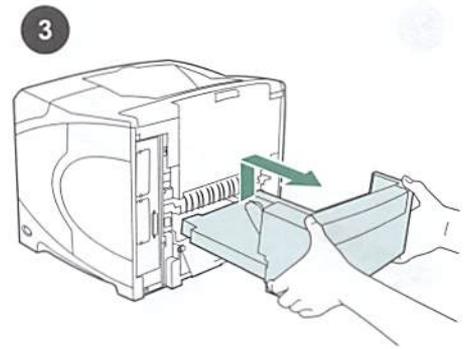
This package contains one maintenance kit (Q5421A 110 V kit or Q5422A 220 V kit) consisting of one fuser, one transfer roller, one plastic transfer-roller tool, one pickup roller, eight feed rollers, and one pair of disposable gloves. The cost of this kit is not covered under the original printer warranty or under most extended warranties.

**NOTE** Depending upon which optional accessories are installed, you might not need all of the feed rollers included in this kit.

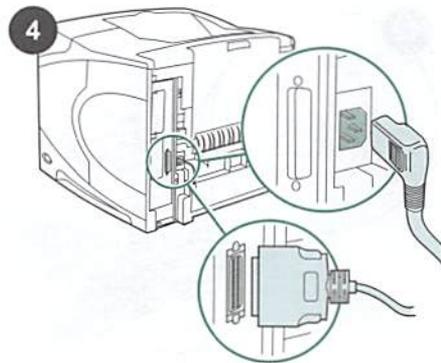


**Before installing the maintenance kit:**

**CAUTION** When replacing the fuser, the printer *must* be turned off for 30 minutes to allow the fuser to cool down. Turn the printer power off.

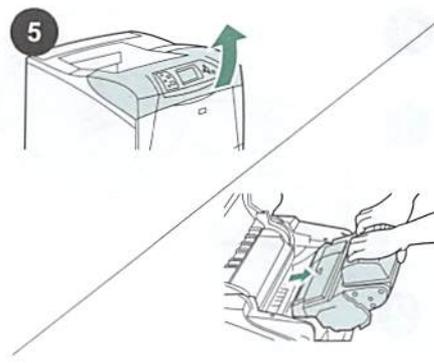


Turn the printer so that its rear cover faces you. Lift and pull to remove the optional duplexer, if it is installed.



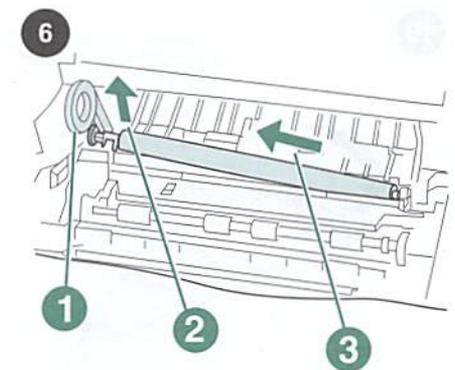
Disconnect all cables from the rear of the printer.

**NOTE** There might be additional cables connected to the printer that are not shown below. Make sure that you disconnect *all* of the cables from the rear of the printer.



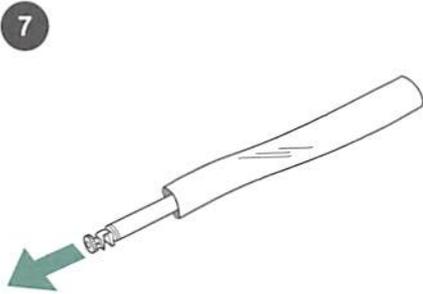
**To replace the transfer roller:**

**CAUTION** Never expose the print cartridge to bright direct light. Cover the print cartridge when it is removed from the printer to prevent the cartridge from being damaged. Open the top cover and remove the print cartridge. Locate the transfer roller beneath the area from which the print cartridge was removed.

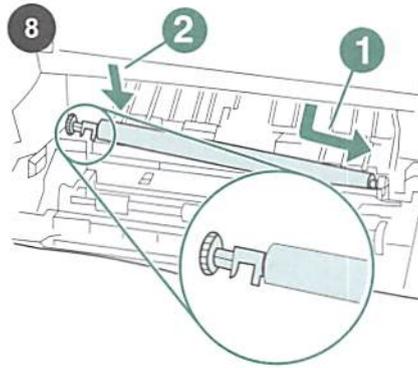


**CAUTION** Do not lift the left end of the transfer roller too far when removing the transfer roller.

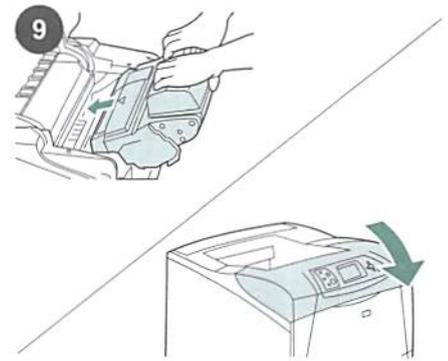
Use the plastic transfer-roller tool (callout 1) to *slightly* lift the left end of the metal shaft upward (callout 2). Slide the transfer roller to the left and remove it (callout 3).



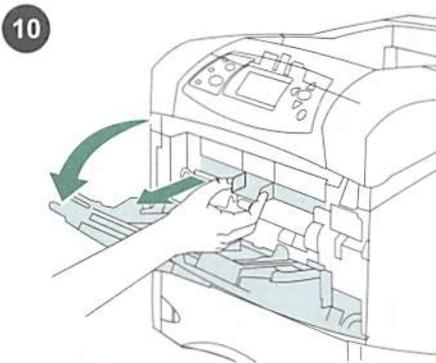
**CAUTION** Do not touch the replacement transfer roller with bare hands. Skin oils on the roller can cause print-quality problems. Put on the gloves and remove the replacement transfer roller from the protective bag.



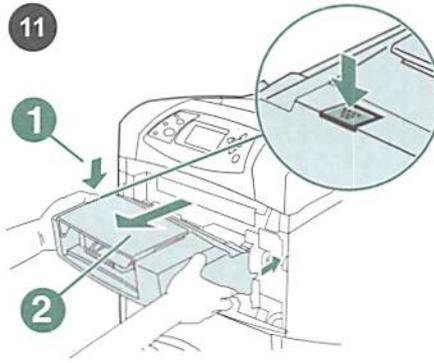
Make sure that the black collar on the left side is oriented properly, with the open end down. Install the new transfer roller by sliding the right side into place (callout 1). Snap the left side (with the gear) into place (callout 2).



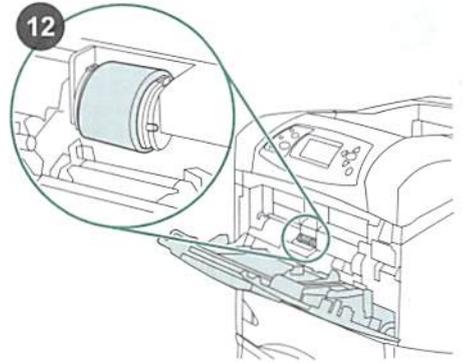
Install the print cartridge, and then close the top cover.



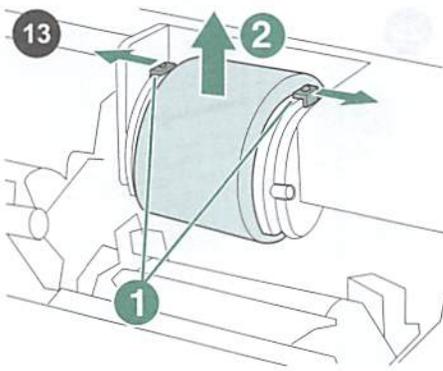
To replace the tray 1 pickup roller: If an optional envelope feeder is not installed, open tray 1 and remove the front accessory cover.



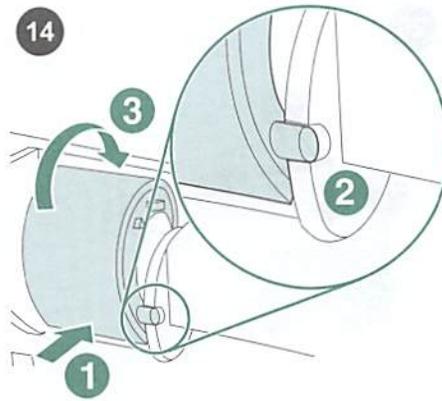
If an optional envelope feeder is installed, remove it by pressing the envelope-feeder release button (callout 1) and pulling outward on the envelope feeder (callout 2).



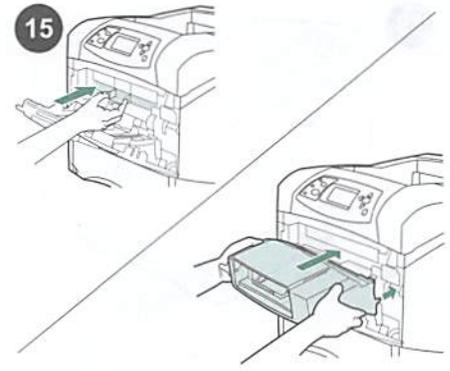
Locate the pickup roller at the center of tray 1.



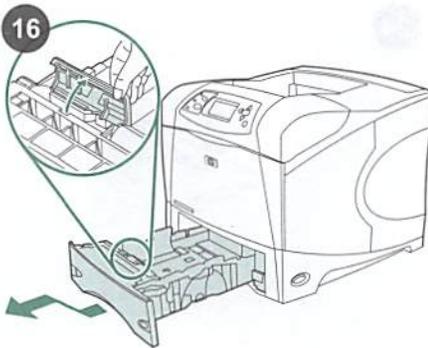
Release the roller by sliding apart the two latches located on each side at the top of the pickup roller (callout 1). Lift the roller out of the opening (callout 2).



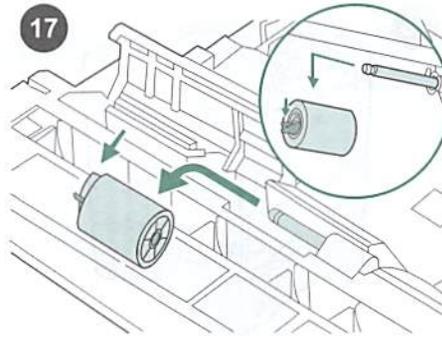
Place the new pickup roller onto the shaft (callout 1). Align the pin that is located on each side at the bottom of the roller with the slot in the bracket located on each side of the opening (callout 2). Slide the roller into the printer until the roller snaps into place (callout 3).



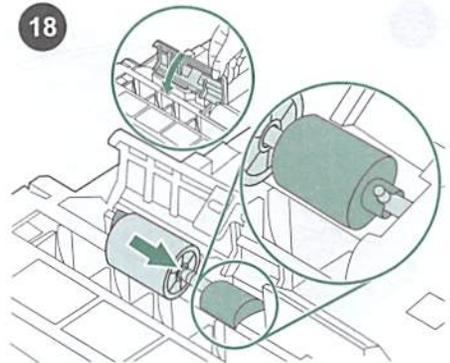
Insert the front accessory cover *or* the optional envelope feeder.



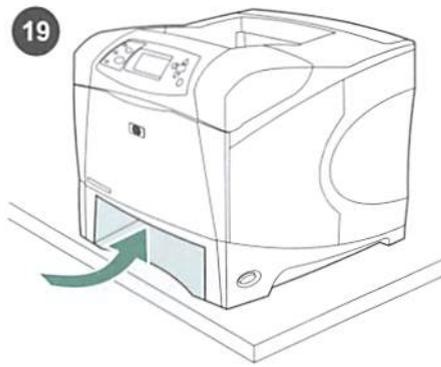
To replace the tray 2 feed and separation rollers: Remove any media in tray 2. Pull the tray out and slightly lift the front of the tray up to remove it from the printer. Find the cover that is located on the tray, next to the feed roller. Open the cover by rotating it upward.



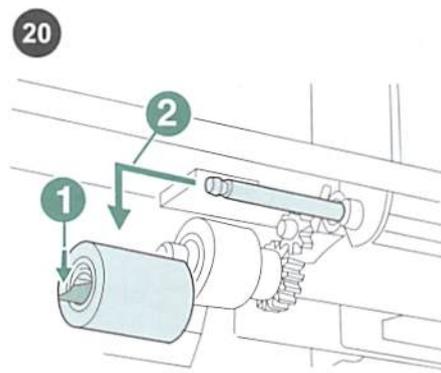
Push the blue latch that is on the left side of the feed roller away from the roller shaft to unlock the roller. Slide the roller off the shaft.



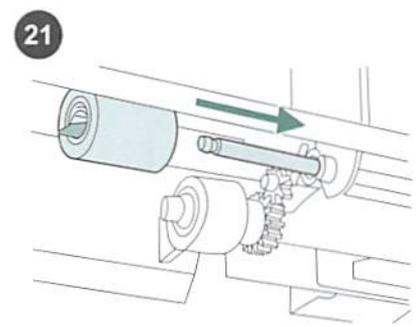
Slide a new feed roller onto the shaft. Close the cover by rotating it downward. **NOTE** It is important that this roller locks into place. If it does not, make sure that the roller is properly oriented, and that the round, black spacer next to the roller is properly positioned around the pin in the shaft.



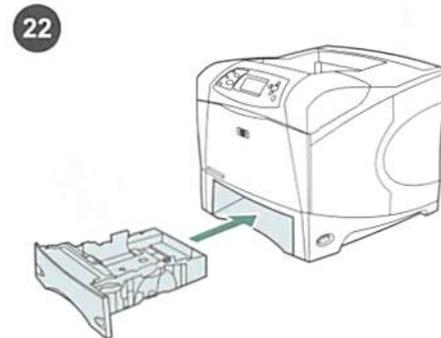
**WARNING!** Do not allow the front of the printer to extend beyond the edge of the table. The printer can become unbalanced and fall, causing damage or injury. Move the front of the printer to the edge of the table top for better access to the feed roller that is located inside the printer.



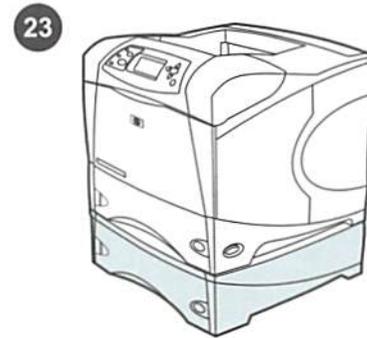
Push the blue latch on the left side of the feed roller (callout 1) away from the roller shaft to unlock the roller. Slide the roller off the shaft (callout 2). You might need to rotate the roller in order to unlock the latch.  
**NOTE** The tray 2 separation roller is the one closest to the front of printer. Do not remove the tray 2 pick-up roller located behind the separation roller.



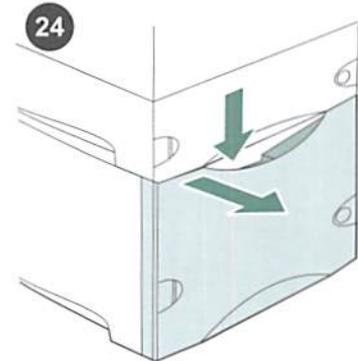
Slide a new feed roller onto the shaft and rotate the roller until it locks into place.  
**NOTE** It is important that the roller locks into place.



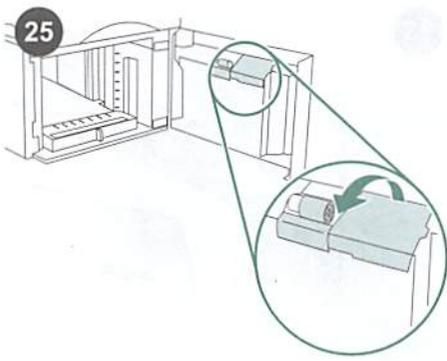
Insert tray 2.  
**NOTE** Depending upon which optional accessories are installed, you might not need all of the feed rollers included in this kit.



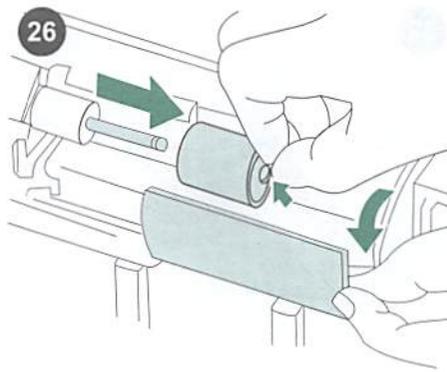
To replace the feed rollers in an optional 500-sheet feeder: To install the feed rollers in an optional 500-sheet feeder, repeat the tray 2 feed roller installation procedure.  
**NOTE** Depending upon which optional accessories are installed, you might not need all of the feed rollers included in this kit. The HP LaserJet 4250/4350 can have up to 3 optional 500-sheet feeders installed.



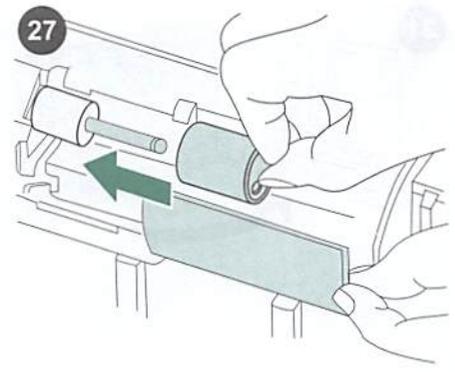
To replace the feed rollers in an optional 1,500-sheet feeder: Push down on the release lever and open the door of the 1500-sheet feeder.



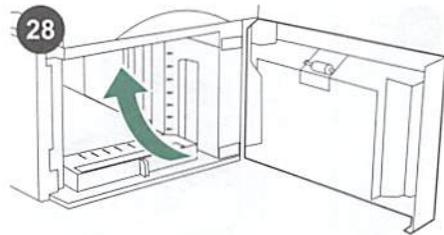
On the inside of the door, open the small cover next to the feed roller.



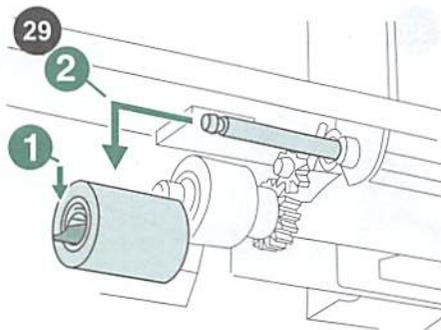
Push the blue latch that is on the side of the feed roller away from the roller shaft to unlock the roller. Slide the roller off the shaft.



Slide the new feed roller onto the shaft.  
**NOTE** It is important that this roller locks into place. If it does not, make sure that the roller is properly oriented and that the round, black spacer next to the roller is properly positioned around the pin in the shaft.



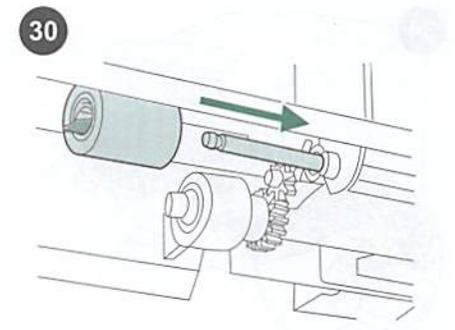
Locate a second feed roller at the top-center inside the 1,500 sheet feeder.



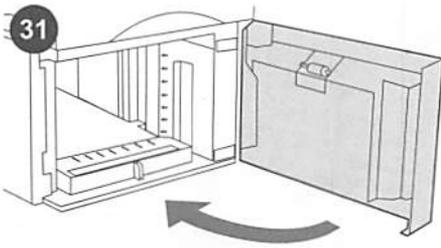
Push the blue latch that is on the left side of the roller (callout 1) away from the roller shaft to unlock the roller. Slide the roller off the shaft (callout 2).

**NOTE** It might be necessary to rotate the roller in order to unlock the latch. The 1,500-sheet feeder separation roller is the one closest to the front of feeder. Do not remove the 1,500-sheet feeder pick-up roller located behind the separation roller.

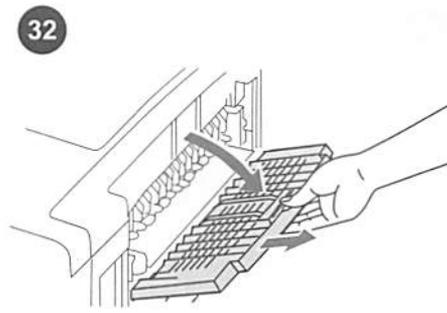
**NOTE**



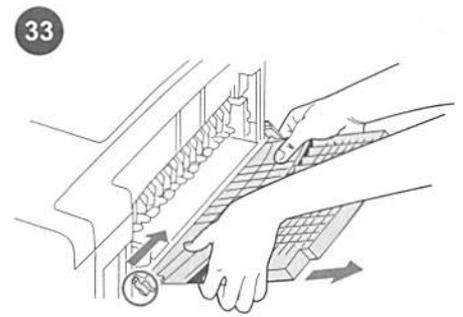
Slide a new feed roller onto the shaft and rotate the roller until it locks into place.  
**NOTE** It is important that the roller locks into place.



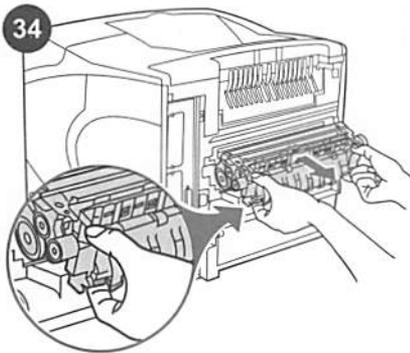
Replace the paper in the 1,500-sheet feeder and close the door.  
**NOTE** Depending upon which optional accessories are installed, you might not need all of the feed rollers included in this kit.



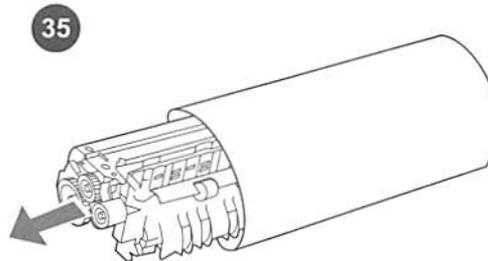
**To replace the fuser:**  
**CAUTION** When replacing the fuser, the printer *must* be turned off for 30 minutes to allow the fuser to cool down. Open the rear output bin and pull the extension outward until it stops.



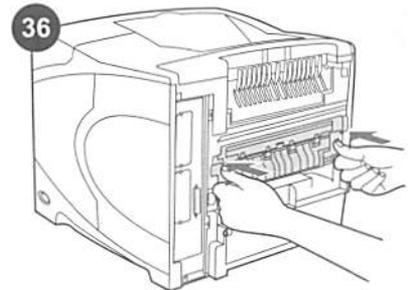
Remove the rear output bin and extension by pushing the left-side hinge toward the right-side of the printer until the hinge clears the mounting hole in the printer chassis. Rotate the left side of the output bin and extension away from the printer and remove the output bin and extension.



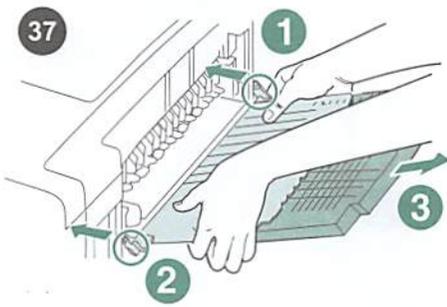
**WARNING!** The fuser might be hot. Make sure that the printer has been turned off for 30 minutes before removing the fuser. Locate the blue fuser release levers on each side of the fuser. Pinch the blue levers upward and pull the fuser straight out of the printer.



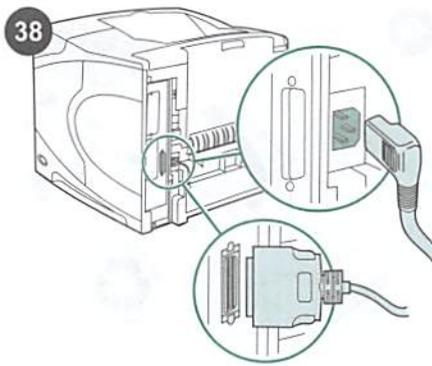
Remove the fuser from its protective bag.



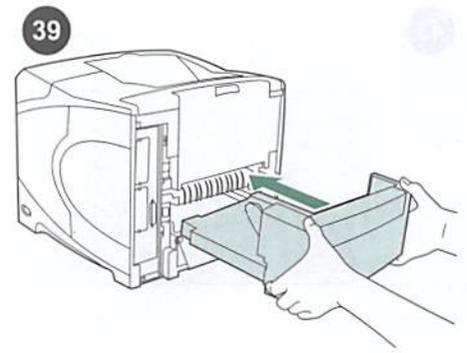
Push the new fuser firmly into the printer until the blue levers on both sides click into place.



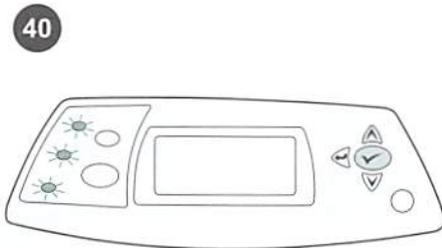
Install the rear output bin. Insert the right hinge pin in the hole in the chassis. Push the left-side of the output bin toward the right-side of the printer. Slide left hinge into the printer until the left hinge pin is inserted into the hole in the chassis. Pull gently on the output bin to make sure that the hinge pins are fully inserted.



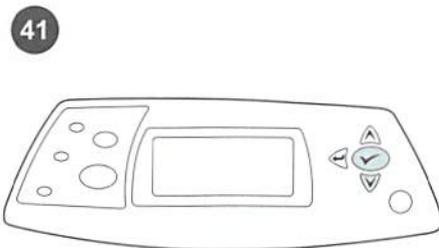
After installing the maintenance kit: Connect the cables to the rear of the printer.  
**NOTE** There might be additional cables that were connected to the printer that are not shown in this illustration. Make sure that you connect *all* of the cables that were previously connected to the printer.



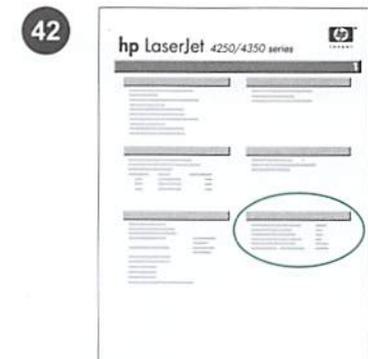
Install the optional duplexer, if it was removed.



To finish the installation: Turn the printer power on. When the message XXXMB appears on the control-panel display, press and hold down  $\checkmark$  for several seconds, until all three control panel lights turn on and remain on. Press  $\blacktriangle$  until the NEW MAINTENANCE KIT message appears on the display, and then press  $\checkmark$ .

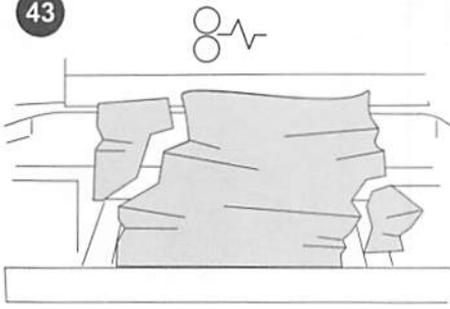


To verify that installation is complete, print a configuration page from the control panel. Press  $\checkmark$  to open the printer menus. Press  $\blacktriangledown$  to select INFORMATION, and then press  $\checkmark$ . Press  $\blacktriangledown$  to select PRINT CONFIGURATION, and then press  $\checkmark$ .

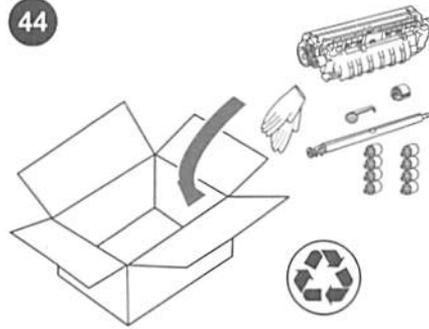


Check that the number of "Pages since last maintenance" is reset to zero. If the number is not reset, repeat steps 40 through 42 in this procedure, or see the support flyer that came with the printer.

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if any kit components were improperly installed or not completely seated, jams can occur. Verify that the maintenance kit components are correctly installed.

If you purchased an exchangeable kit, you can return your old fuser to HP for credit. Pack the old fuser and other used kit components in the packing material from the new kit. Mail the package using the enclosed label.