MAINTENANCE KIT INSTALLATION
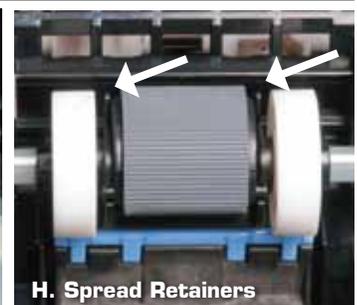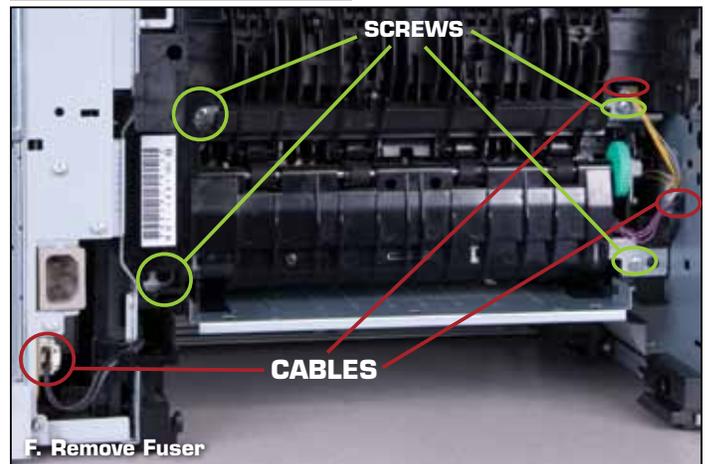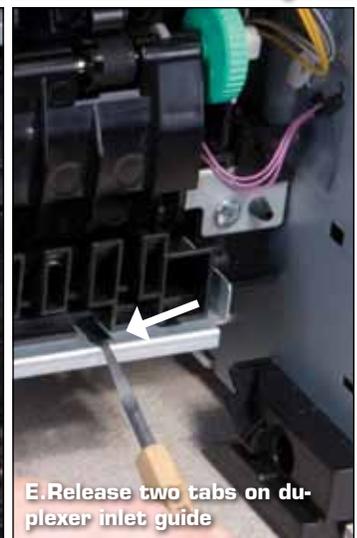
HP LJ 2410, 2420, 2430

Fuser

1. Remove the paper cassette and toner cartridge. Put the toner cartridge in a dark place or cover it.

2. Remove the back cover: Open the face-up delivery door all the way, and then press the door down to dis- engage the two door-stops. Remove two screws (Fig. A), then close the door and tip the printer up so that it rests on its front. Open the flap at the bottom of the back cover, disengage the retaining tab (Fig. B), and remove the cover, bottom first. Then tip the printer back onto its feet.

3. Remove the I/O cover: Facing the back of the printer, grasp the right edge of the cover (Fig. C), pull it toward you, and rotate it leftward to remove it.

4. Remove the fuser-cable cover by re- leasing the retaining tab (Fig. D) and then rotating the back of the cover toward the center of the printer.

5. Remove the duplexer inlet guide by releasing two tabs (Fig. E) and then sliding the guide toward the back of the printer (this may require considerable force). When reinstalling the guide, make sure that the tabs snap back into place.

6. Remove the fuser: Disconnect three cables and remove four screws (Fig. F), and then remove the fuser by tilting it slightly and sliding it out the back of the printer.
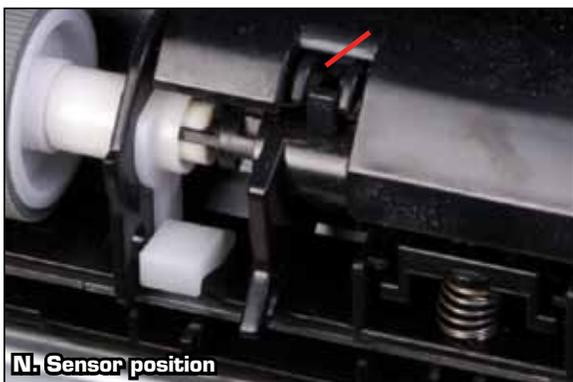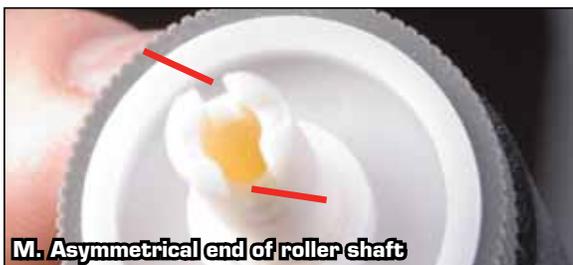
(Reverse steps to install new fuser.)

Transfer Roller

1. Remove the toner cartridge and put it in a dark place or cover it.

2. Use a pick, screwdriver, or your fingers to pinch two tabs at the left end of the transfer roller, releasing that end (Fig. G). It may be easier to release the tabs one at a time (front one first). Then lift the left end of the transfer roller and pull to the left to release the right end.

3. When installing the new transfer roller, make sure the gear is on the left side and take care not to touch the black rubber surface of the roller with your bare hands – skin oils can damage it. We recommend wearing rubber gloves, or leaving the protective paper on until after the roller is installed.

Tray 1 Pickup Roller:

1. Open the front door of the printer to access the roller.

2. Spread the black plastic retainers on each side of the roller away from the roller (Fig. H), then rotate the top of the roller off of the shaft and lift to remove it.

3. Note the orientation of the roller, and install the new one in the same orientation.

A. Two Screws

B. Disengage retaining tab

D. Remove Fuser Cable Cover: Release retaining tab

C. Remove I/O Cover

E. Release two tabs on du- plexer inlet guide

SCREWS

CABLES

F. Remove Fuser

G. Transfer Roller Tabs

H. Spread Retainers

I. Bushings down, shafts joined.

J. Unclip both bushings

K. Slide left bushing left

L. Right Bushing slid right, roller freed.

M. Asymmetrical end of roller shaft

N. Sensor position

Tray 2 Pickup Roller:

1. Remove the paper cassette, remove and cover the toner cartridge, and set the printer so that the bottom is facing you with the front up in the air. All photos are taken from this perspective. The roller should appear as in Fig. I.

2. Rotate the plastic bushings on each side of the roller toward you and up, until they appear as in Fig. J. In the figure, they are white, but the bushings may be black in some printers.

3. Slide the left bushing to the extreme left and remove it (Fig. K). Both bushings have a small keying tab which can be lined up with a hole in the frame. When rotated to this position, the keying tab will fit through the hole and you can slide the bushing away from the roller.

4. Slide the right bushing to the extreme right.

5. Slide the roller to the left until it is free of both the drive shaft and the right bushing, and lift the right end of the roller shaft up as shown in Fig. L. Now slide the roller back to the right to free the left end of the shaft and remove the roller.

6. Note that the new roller does not include the small ribbed side rollers. Transfer these from the old roller to the new one and reverse the above steps to install the new roller.

Trouble-free Reinstallation

There are two points to the following simple instructions:

⁃ the asymmetrical end of the roller shaft, shown in Fig. L, fits the drive shaft only when the flat-side of the roller faces you, and

⁃ the junction of the roller shaft to the drive shaft is blocked from view temporarily by a bushing.

1. Insert the left end of the roller shaft in first.

2. Rotate the flat side of the roller towards you.

3. Slide the right bushing all the way to the left to expose the junction of the roller shaft and the drive shaft. When properly fitted, it should look like Figures J and K, where you can see the black end of the drive shaft snugly fitting into the slot on the white roller shaft.

4. Clip both bushings down. When snapped into place, they will match Fig. I.

Drive Shaft Pitfall

Blindly stabbing about with the roller shaft can disengage the right end of the drive shaft from an interior bushing. This makes for a bad junction and paper pickup problems. Grab hold and give it a tug to the left. This should reseat it. Check that the paper out sensor flag did not get unsettled. Its correct position is shown in Fig. N. Note how the smaller portion of the flag nestles into the notch in the frame.

On rare occasions, this tugging method falls short and it is necessary to replace the entire cassette pickup assembly, an ordeal you will avoid by following these instructions.

Tray 2 Separation Pad:

1. Remove the Tray 2 cassette from the printer, and remove any paper from the cassette. Remove two screws from the separation pad assembly (one on each side), and lift it out of the cassette. You may have to press down on the metal lift plate in the bottom of the cassette to provide clearance.

Maintenance Count Reset:

This feature is not present in the HP LaserJet 2400 series.