

# MAINTENANCE KIT INSTALLATION HP LJ P3005

## Fuser

1. Remove the paper cassette and toner cartridge. Put the toner cartridge in a dark place or cover it.
2. Remove Back Cover. Open the Rear Output Bin and press down to release two door-stops. Remove two screws (Fig. A). Lift the bottom of cover to disengage tabs and lift away.
3. Remove I/O Cover (Fig. B). Rotate it to the left and pull off.
4. Remove Duplexer Inlet Guide. Carefully release two tabs (Fig. D) with a small flat-blade screwdriver and slide the guide out the rear of the printer.
5. Disconnect two three cables and four screws (Fig. D).
6. Tilt fuser toward rear of printer and slide it out.

## Replace 20-T Gear.

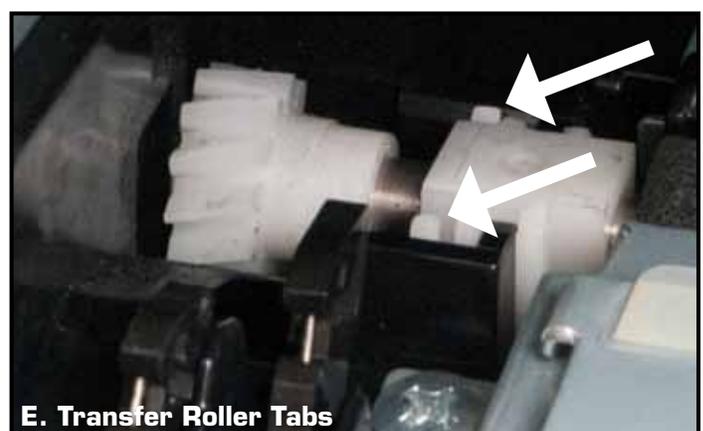
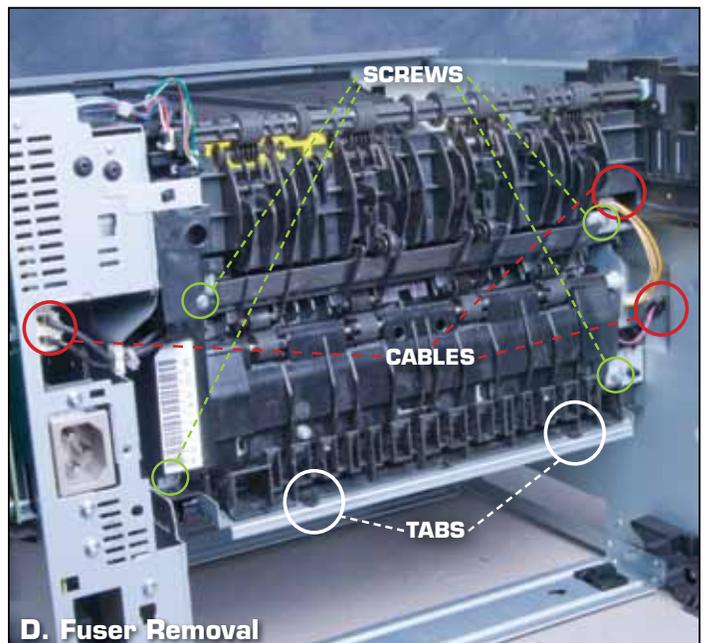
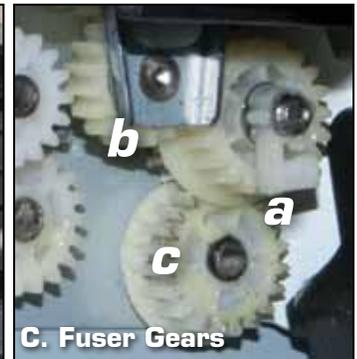
1. Remove the fuser thrust stopper (“a” in Fig. C) by grasping it with a pliers and pulling it off of the shaft. Be careful not to drop it inside the printer. When re-installing this piece later, orient it with the open side facing into the printer, and make sure it snaps onto the shaft.
2. Remove the 20T/20T double gear (directly under the thrust stopper, see “b” in Fig. C) by simply sliding it off the shaft. Note that it is impossible to put this gear back on incorrectly – it only fits on the shaft one way.
3. Remove the 20T gear (RU5-0957, see “c” in Fig. C) by sliding it off the shaft and replace with the new one. The side of the gear with the lip on it should be against the printer wall.
4. Re-install the 20T/20T gear, the thrust stopper, the fuser, and any covers that were removed.

## Transfer Roller:

1. Remove and cover the toner cartridge.
2. Use a pick, screwdriver, or your fingers to pinch two tabs at the left end of the transfer roller, releasing that end (Fig. E). 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. 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:

- Open the front door of the printer to access the roller. Spread the black plastic retainers on each side of the roller



away from the roller (Fig. F), then rotate the top of the roller off of the shaft and lift to remove it. Note the orientation of the roller, and install the new one in the same way. However, the separation pad (see next step) should be replaced before installing the new roller.

### Tray 1 Separation Pad:

Manually rotate the tray 1 pickup roller shaft until the cams on the ends of the shaft are pointing up and rearward (Fig. G). This will give you a bit more room to work. Now push the separation pad arm down as far as it will go and use a flat-blade screwdriver or pick to pry the old separation pad off of the arm (*Do not remove the arm!* It is extremely difficult to re-install the arm after it has been removed). To install the new pad, just press it down onto the arm. Make sure it is fully clipped in on both sides. Then rotate the pickup roller shaft back to its normal position (cams down) and install the new pickup roller.

### Tray 2 Pickup Roller (included parts in Fig. K):

(a) 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. H.

(b) Rotate the left-side white bushing ("a" in Fig. H) toward you and up. Slide it to the extreme left and remove it. The bushing has 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.

(c) Slide the black retaining bar ("b" in Fig. H) to the extreme left to free the right end, then slide it back to the right to remove it. Use the same technique to remove the roller.

(d) Remove the idler roller from the left side of the old pickup roller by depressing the small black retaining tab (Fig. I and J); the small black shaft and spring should come out with it (Fig. J). Remove the idler roller from the right side by spreading the white retaining tabs (arrows in Fig. J). Transfer these parts to the new pickup roller.

(e) Re-install the roller assembly first, then the black retaining bar, then the bushing. Note that the roller will not seat properly until it is rotated to the correct orientation. Start with the flat part of the roller facing you as you install it, as it appears in Fig. I), and then make minor adjustments one way or the other until it seats completely.

### 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 the assembly 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 Counter Reset:

The P3005 does not keep a maintenance count, so there is no need to reset anything.

