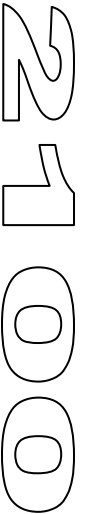


HP 2100 Maintenance Kit Replacement Instructions

This printer maintenance kit provides you with the most commonly used parts that wear. Replacing these worn parts will allow for maximum paper feed along with quality print performance



Specifications

Models Used: 2100
Instruction Version: 2/22/05
Expected Duty Life: 100,000 pages
OEM Part Number:

Kit Contents:

1 HP 2100 Series Fuser RG5-4318
1 Transfer Roller RG5-4164
1 Tray 1 Feed/Separation Roller RF5-2900
1 Tray 2 Feed/Separation Roller RF5-2891
1 2100/2200 Separation Pad RB2-0695 / RB2-3008
1 Separation Pad RF5-0695 / FF6-1460
2 Latex Gloves

----- WARNING -----

Turn the printer off, unplug it, and allow it to sit for 30 minutes before performing these maintenance procedures.

Fusing Assembly Removal and Replacement

Remove DIMM cover and open toner access door
Press and hold DIMM cover release button
Slide cover forward and swing front and rear bottom out away from printer

Remove rear cover: and DIMM cover
Open output to the stops, and open until bin is horizontal
Remove the two exposed screws on upper left and right hand corners
Grasping both lower corners, pull left hand corner out. Then pull down and out to swing cover away from printer Fusing assembly is now exposed for removal

Remove fusing assembly:
Disconnect left and right wire connectors and remove two grounding plate screws
Remove two large screws that fasten fuser to printer frame
Pull fuser straight back
Reassemble in reverse order

NOTE: Use the guide pins on the printer frame to ensure proper fuser alignment during installation.

Transfer Roller Removal and Replacement

1. Open toner access lid and remove toner cartridge
3. Locate black bushing on left side next to the white drive gear
4. Squeeze the tabs on the bushing and lift up
5. Slide roller to the left and lift out of printer
6. During installation make sure the spring fits securely into the bushing boss before snapping bushing into position

Tray 1 Pickup Roller and Separation Pad Removal and Replacement

1. Remove DIMM cover and remove rear cover and remove top cover
 - a.) Remove toner cartridge
 - b.) Release toner drive arm from right side of toner access door
 - c.) Remove two long screws from front left and right corners on top
 - d.) Remove two screws from top left and right on back of printer
 - e.) Open Tray 1
 - f.) Release latch next to left hand toner door hinge
 - g.) Lift top cover straight up to remove

NOTE: At this point the tray 1 pickup roller may be replaced. In order to replace separation pad as well , continue with the following steps

4. Remove left side cover and top covers
 - b.) Locate and release latch at middle top of cover and lift cover straight up and swing top away from printer
5. Remove tray 1 and disconnect two vertical springs at front corners of the tray
 - b.) Separate lower portion of tray from upper portion on both sides
 - c.) Slide bottom to the left and remove
 - d.) Separate pivot arms from upper portion
 - e.) Rotate pivot arms to the upward position
 - f.) Remove tray 1 upper by pulling right side out and sliding to the right
6. Remove separation pad holder, separation pad and pressure spring by removing one screw and sliding bottom out and away from printer.

CAUTION: When removing separation pad assembly, be careful not to loose the pressure spring.
7. Remove tray 1 pickup roller
 - a.) Locate and press left idler release and slide idler to the left
 - b.) Locate and press right idler release and slide idler to the right
 - c.) Press and hold release on pickup roller and slide to the right
 - d.) Rotate roller downward and remove
 - e.) Snap new roller onto shaft and slide to the left until release engages
 - f.) Slide both idler rollers toward pickup roller until releases engage. Idler rollers should spin freely on the shaft and open portion of roller should be facing down
8. Replace and install new separation pad
 - a.) Squeeze two arms of pad together and remove old pad from holder
 - b.) Snap new pad into holder
 - c.) Position pressure spring on the two locating pins
 - d.) Position pad under roller and rotate bottom into the printer
 - e.) Install screw and reassemble in reverse order

Tray 2 Pickup Roller Removal and Replacement

1. Lift printer off of optional Tray 3 (if installed) and remove paper tray
 2. Place printer gently on the top with pickup roller towards the front
 3. The bushings on either side of the pickup roller unlock and slide away to allow for left and right movement of the roller
 - a. Bend left locking tab to the left and rotate forward until bushing slides
 - b. Bend right locking tab to the right and rotate forward until bushing slides
 4. Slide roller to the right until left shaft clears the bushing
 5. Tilt left side up and slide to the left until right shaft clears bushing
 6. Lift roller out of printer and remove the two idler wheels
 7. Install two idler wheels onto the new roller shaft
 8. Place non-slotted end of roller shaft into the right bushing
 9. Drop slotted end down and slide roller into left bushing
 10. Rotate roller to ensure that slots in shaft engage with the end of the drive shaft
 11. Align roller shaft and slide right bushing in and turn until tab locks
- NOTE:** If slots on roller shaft are not properly engaged with drive shaft the right bushing will not slide to left far enough to lock into position
12. Slide left bushing in and rotate until tab locks

Tray 2 Separation Pad Removal and Replacement

1. Remove paper tray 2, empty paper and flip tray over
2. Locate separation pad locking tabs through access slots in bottom of tray
3. Release left locking tab and right locking tab
5. Return tray to its upright position
6. Locate 2 locking tabs on front of pad assembly
7. Release left tab and pull left side of pad up
8. Release right tab and pull separation pad assembly straight up

9. Remove pressure spring from old pad and install on new
10. Position pad on metal tab in tray
11. Guide spring into position and slide pad straight down until tabs lock