

3. Disassembly and Reassembly

3-1 General Precautions on Disassembly

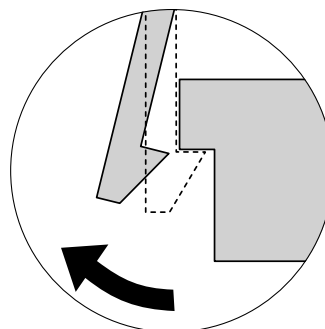
When you disassemble and reassemble components, you must use extreme caution. The close proximity of cables to moving parts makes proper routing a must. If components are removed, any cables disturbed by the procedure must be restored as close as possible to their original positions. Before removing any component from the machine, note the cable routing that will be affected.

Whenever servicing the machine, you must perform as follows:

1. Remove the paper cassette(s), and the print cartridge. Do not expose the cartridge to direct room light or sun light, and be careful not to scratch the drum surface.
2. Turn the power switch off.
3. Unplug all the cables from the printer.
4. Replace with only an authorized component.
5. Do not force to open or fasten a plastic material component.
6. Be careful no obstacles are included when you reassemble components.
7. When you reassemble components, be careful small size components are located in place.
8. If you turn the machine over to replace some parts, toner or paper particles may contaminate the LSU window. Protect the LSU window with clean paper.

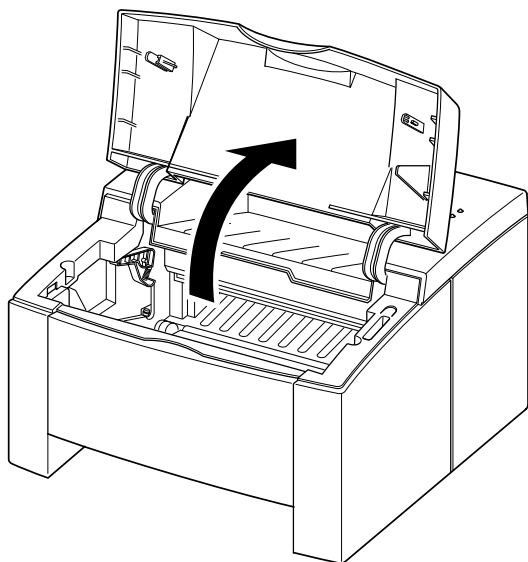
Releasing Plastic Latches

Many of the parts are held in place with plastic latches. The latches break easily; release them carefully. To remove such parts, press the hook end of the latch away from the part to which it is latched.

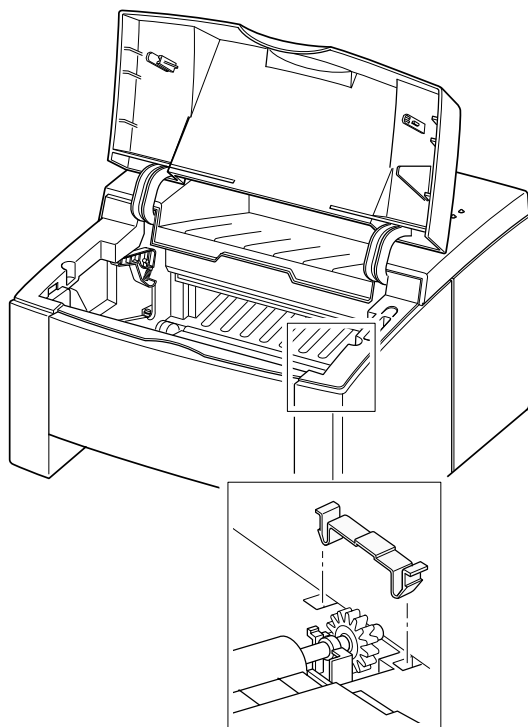


3-2 Transfer Roller

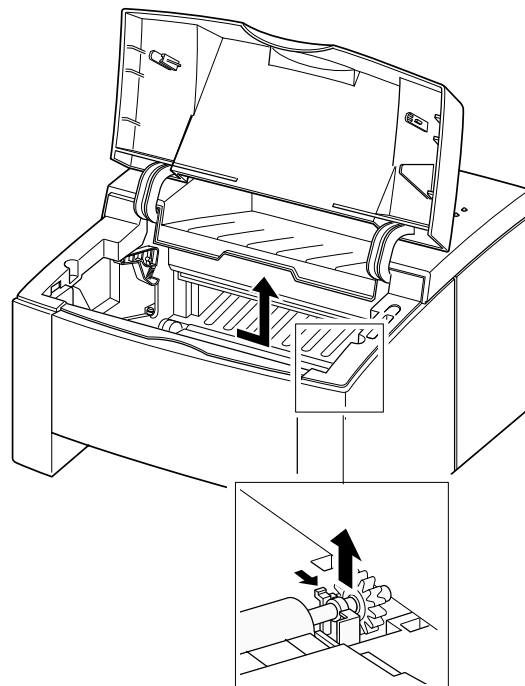
1. Open the printer cover.



2. Remove the cap.

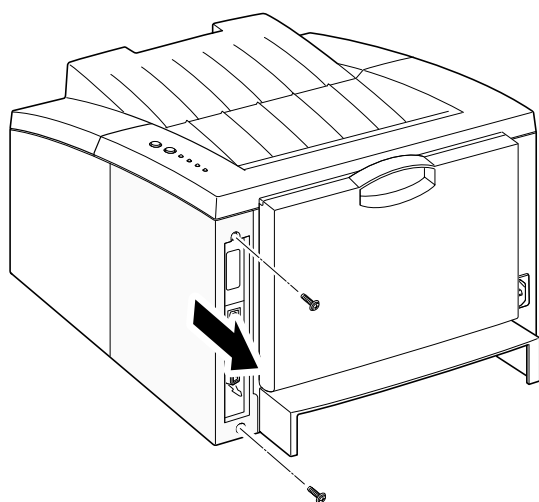


3. Hold the cap at the both end of the roller, then remove the roller.

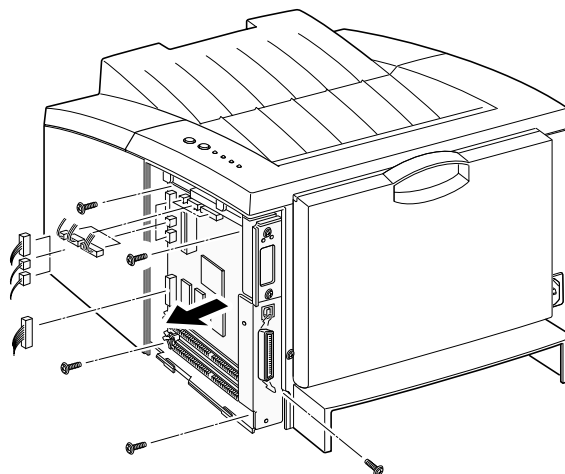


3-3 Controller Board

1. Remove two screws and remove the controller board.

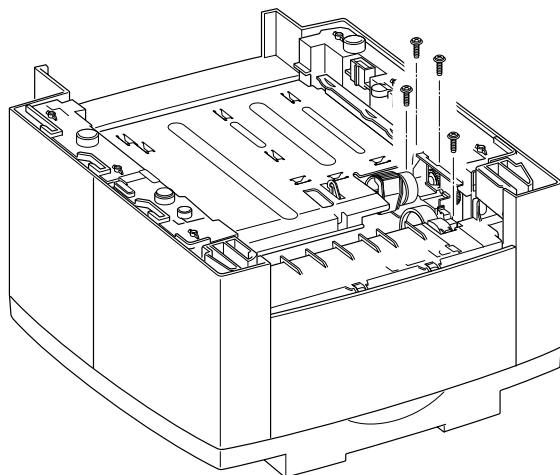


2. Remove five screws securing the board and unplug all connectors, and then take the controller board out of the printer.

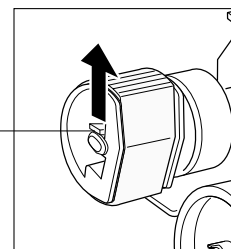
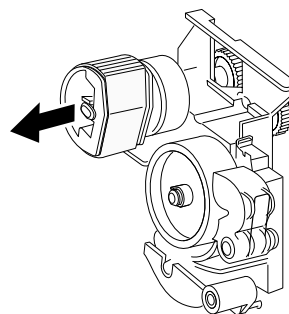


3-4 Pickup Assembly

1. Remove four screws securing the pickup assembly.

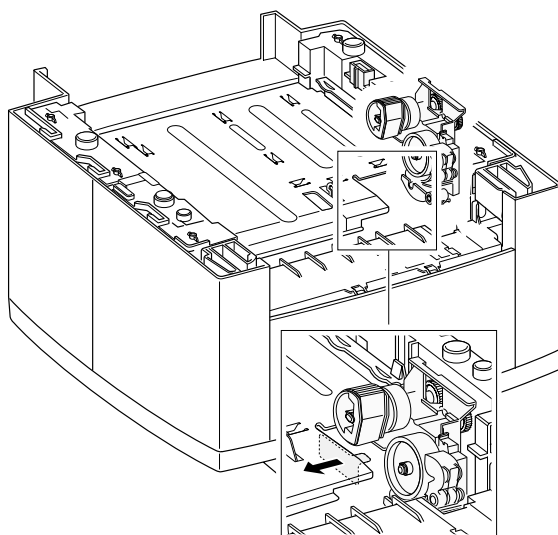


3. Check the pickup rubber wear. If the rubber is heavily worn, replace it with a new one.



Squeeze this tab to remove the rubber.

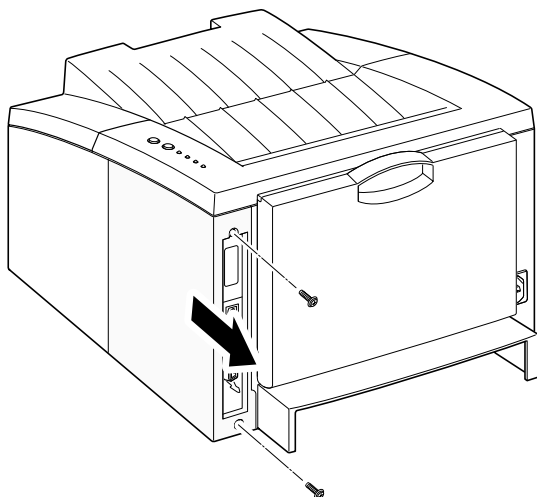
2. Take the assembly out.



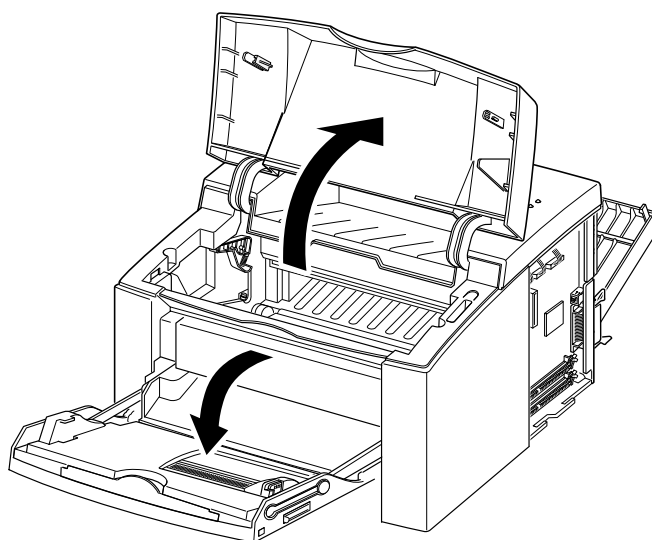
Push the solenoid if you have difficulty to remove the pickup assembly.

3-5 Main Cover

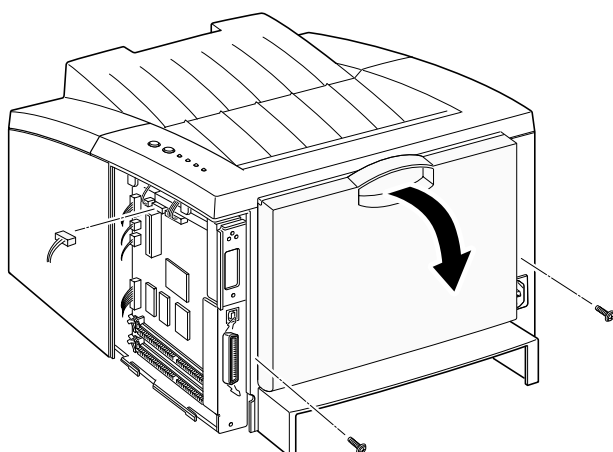
1. Remove two screws and remove the controller board.



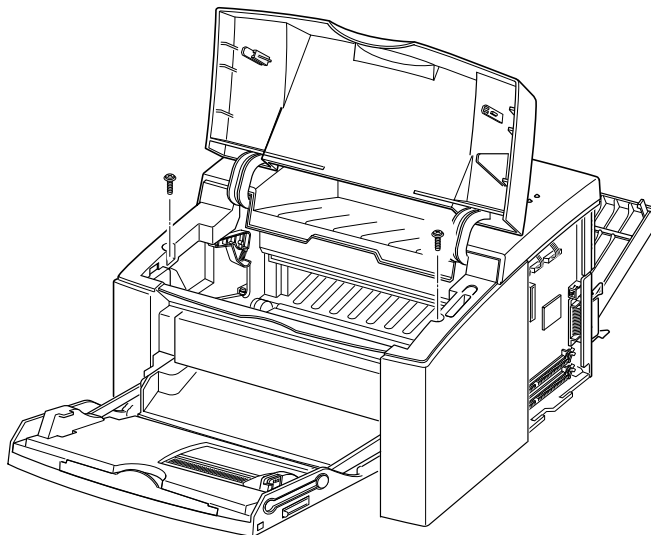
3. Open the printer cover, and open the MP tray.



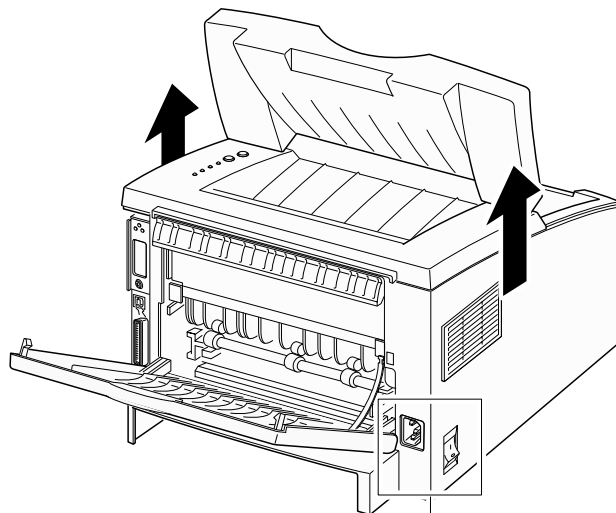
2. Remove two screws at the back of the printer and unplug one connector from the board, then open the rear cover.



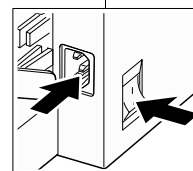
4. Remove two screws securing the main cover.



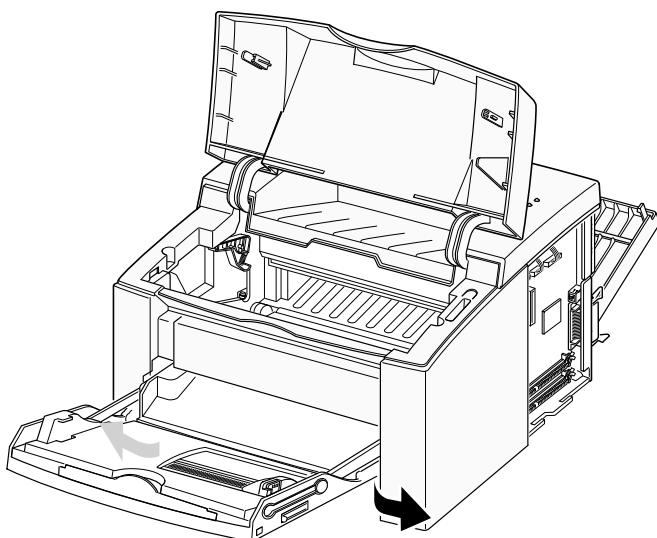
6. Slide the main cover upward, out of the printer.



Note that the power switch and the power connector are properly released when you remove the cover.



5. Unlatch the front ends of the cover.

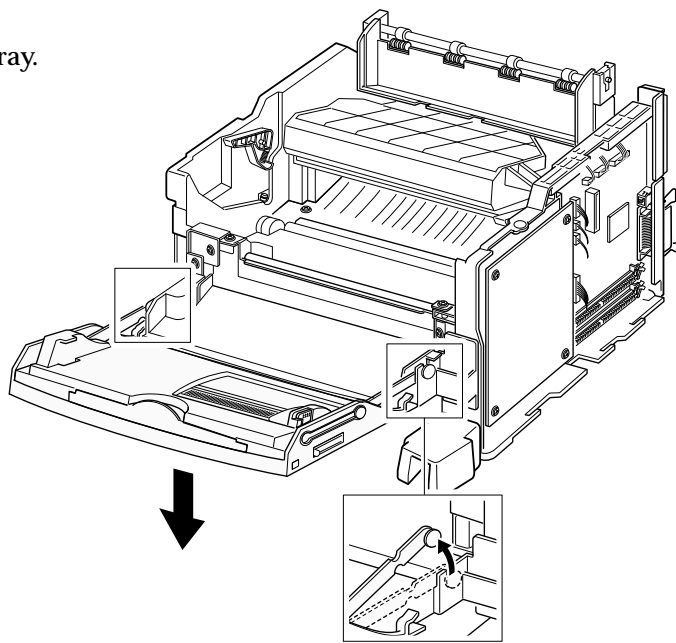


3-6 MP (Multi-Purpose) Tray

1. Before you remove the MP tray, you should remove:

-Main Cover (see page 3-5)

2. Remove the stoppers securing the MP tray.

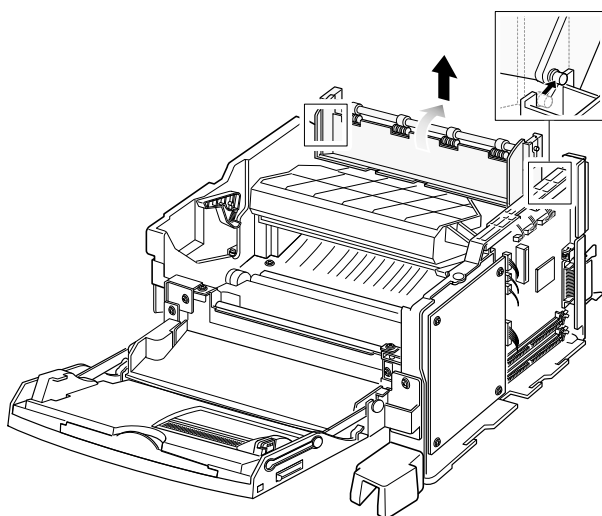


3-7 Exit Assembly

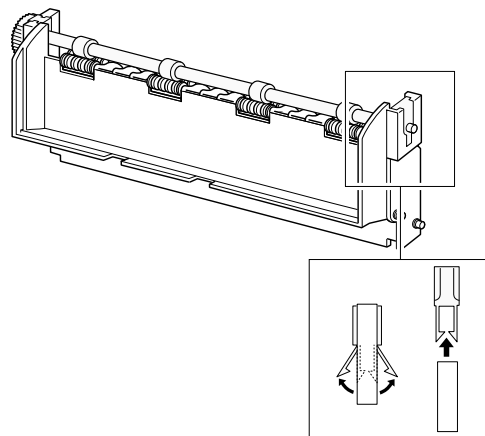
1. Before you remove the exit assembly, you should remove:

-Main Cover (see page 3-5)

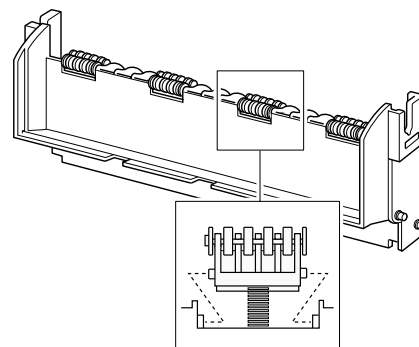
2. Remove the exit tray in the direction of arrow.



3. If you want to remove the roller shaft, unlatch both ends of the shaft and take it out.



4. If you want to remove the exit roller, squeeze the bottom of the roller and take it out.

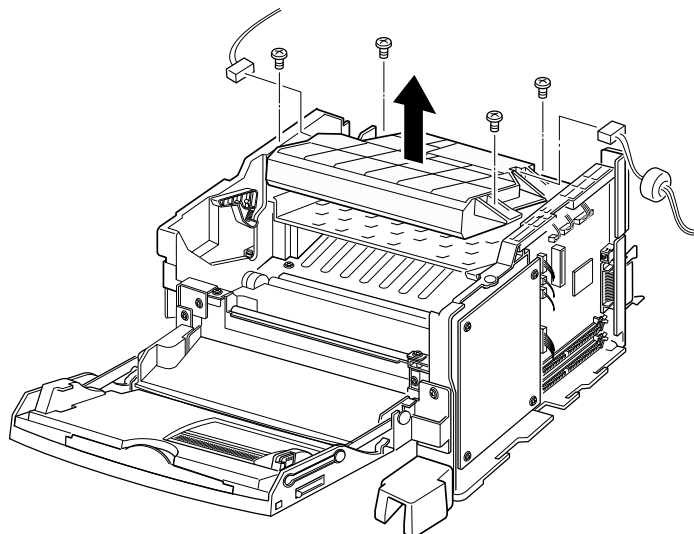


3-8 LSU

1. Before you remove the LSU, you should remove:

- Main Cover (see page 3-5)
- Exit assembly (see page above)

2. Remove four screws, and remove the LSU. Then unplug two connectors from the LSU.

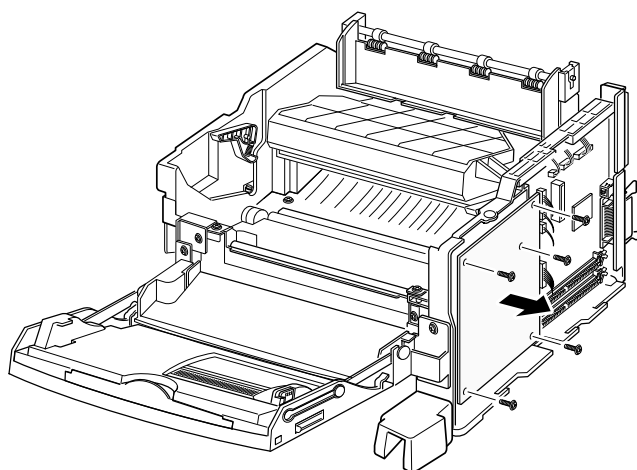


3-9 HVPS board

1. Before you remove the HVPS board, you should remove:

- Main Cover (see page 3-5)

2. Remove five screws and take the HVPS board and HVPS cover out.

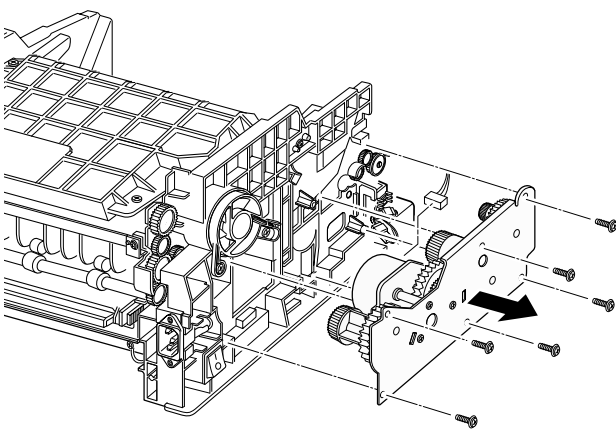


3-10 Drive Assembly

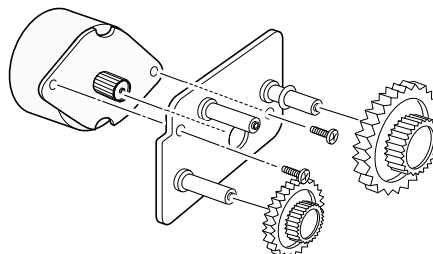
1. Before you remove the drive assembly, you should remove:

-Main Cover (see page 3-5)

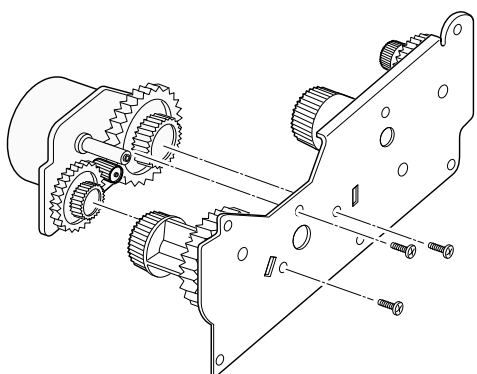
2. Remove six screws securing the drive assembly from the gear bracket and unplug one connector from the motor, and then take the drive assembly out.



4. Remove the motor assembly. Remove two screws securing the motor to the motor bracket, then take the motor out.



3. If you want to remove the motor from the drive assembly, remove three gold screws securing the motor assembly to the gear bracket.

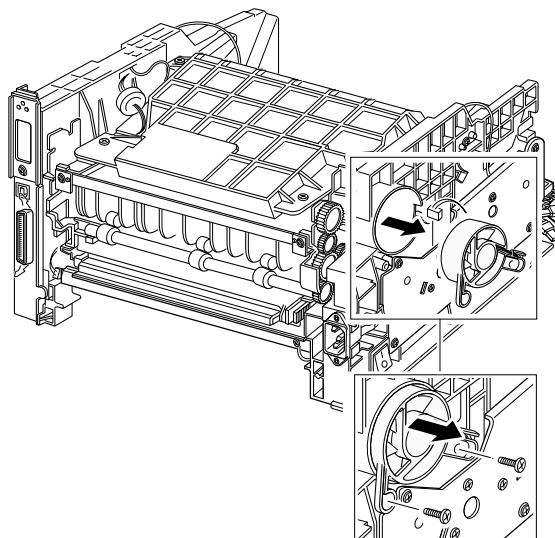


3-11 Fan

1. Before you remove the fan, you should remove:

-Main Cover (see page 3-5)

2. Remove two screws, and remove the fan. Then unplug one connector.

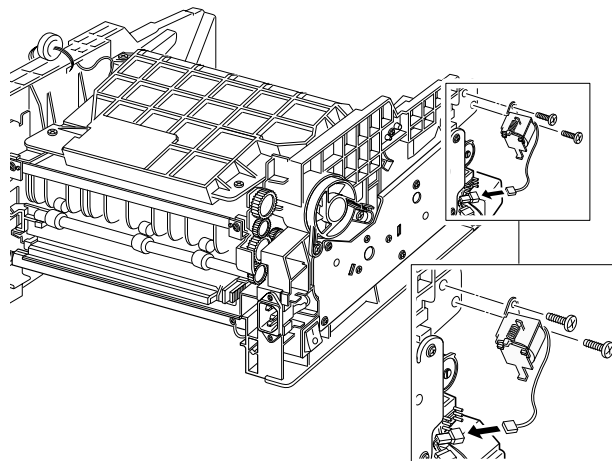


3-12 Solenoid

1. Before you remove the solenoid, you should remove:

-Main Cover (see page 3-5)

2. Remove two screws, and remove the solenoid. Then unplug one connector.

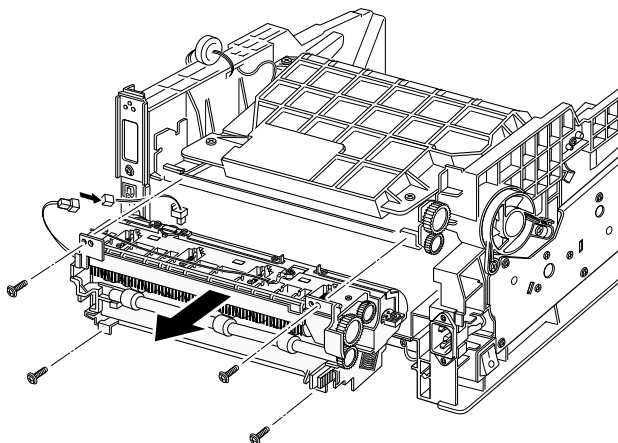


3-13 Fuser Assembly

1. Before you remove the fuser, you should remove:

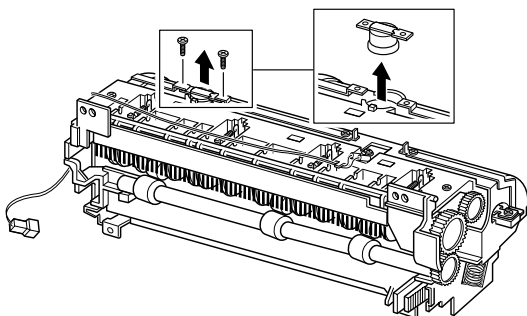
-Main Cover (see page 3-5)

2. Remove four screws and unplug one connector, and then remove the fuser assembly.



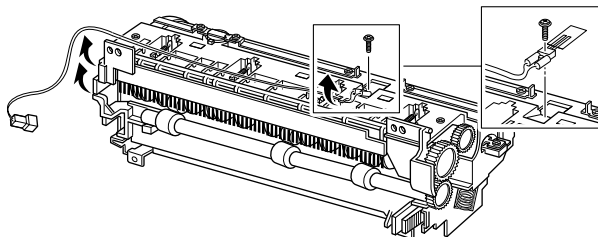
To remove the thermostat from the fuser assembly

Remove two screws and take the thermostat out.



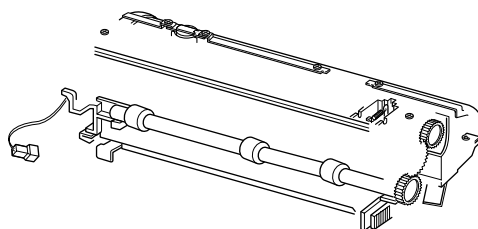
To remove the thermistor from the fuser assembly :

Remove one screw, and release the wire from the three holders, and then take the thermistor out.



To remove the halogen lamp from the fuser assembly :

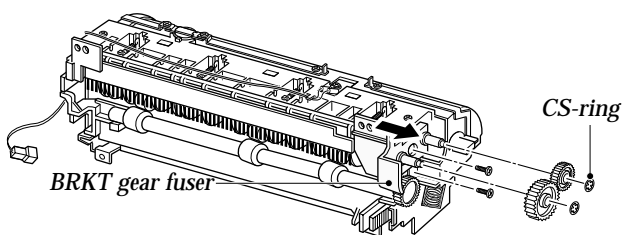
Remove two screws and take the halogen lamp out of the fuser assembly.



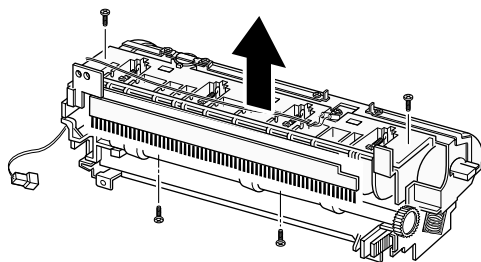
To remove the heat roller from the fuser assembly :

1. Before you remove the guide feed, you should remove:

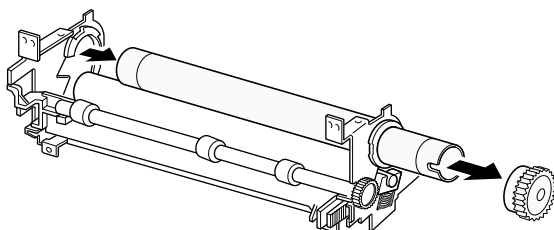
-Halogen lamp (see page 3-11)
2. Remove two CS-rings and two gears. Then remove two screws securing the BRKT gear fuser and take the gear fuser out.



3. Remove two screws and take the cover fuser out.
4. Remove two screws and take the holder brush ant out.

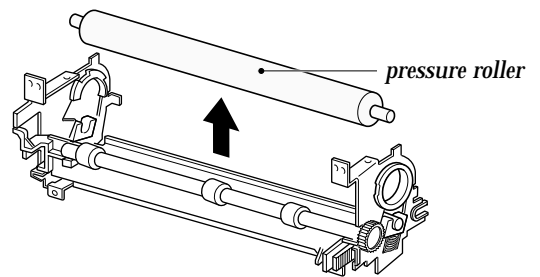


5. Remove the heat roller.



To remove the pressure roller from the fuser assembly :

Remove the roller.

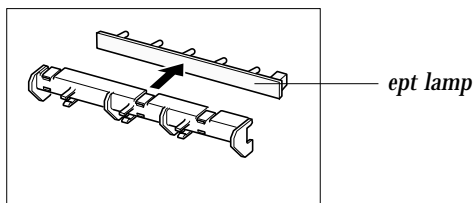
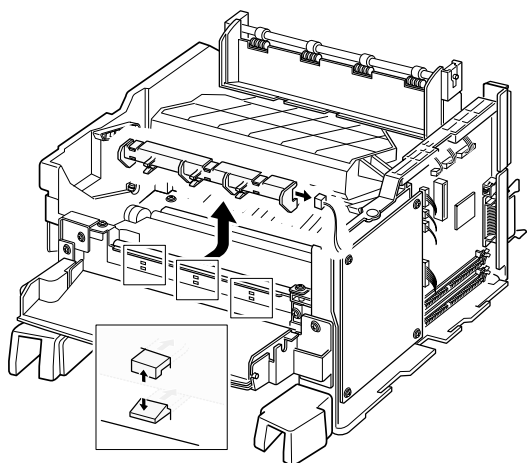


3-14 Feed Guide & PTL Lsmp

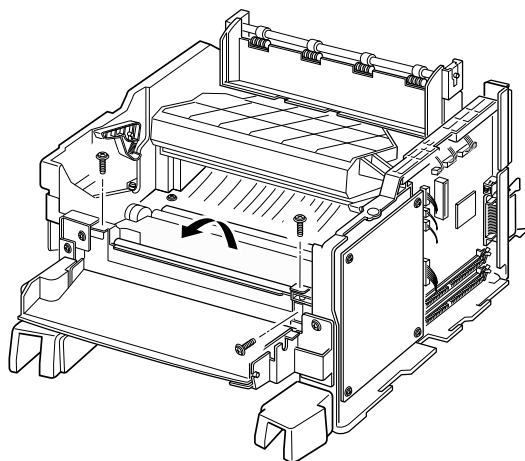
1. Before you remove the guide feed & PTL lamp, you should remove:

-Main Cover (see page 3-5)

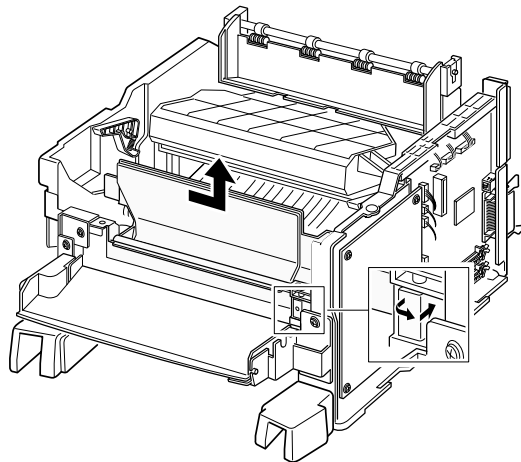
2. Release the latches on the PTL lamp from the MPF ass'y and unplug one connector, then remove the PTL lamp.



3. Remove two screws and raise the feed guide in the direction of arrow.



4. Remove the feed guide .

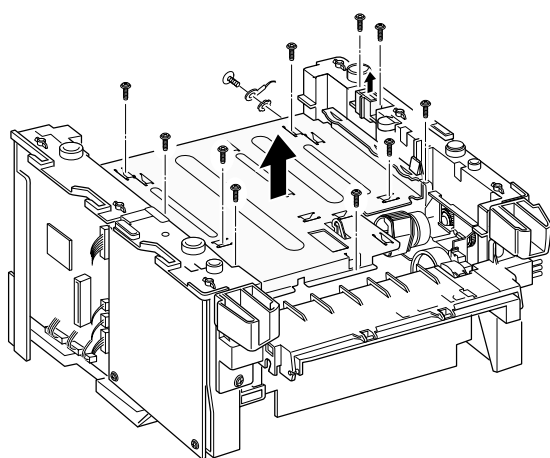


3-15 Engine Board and Miscellaneous

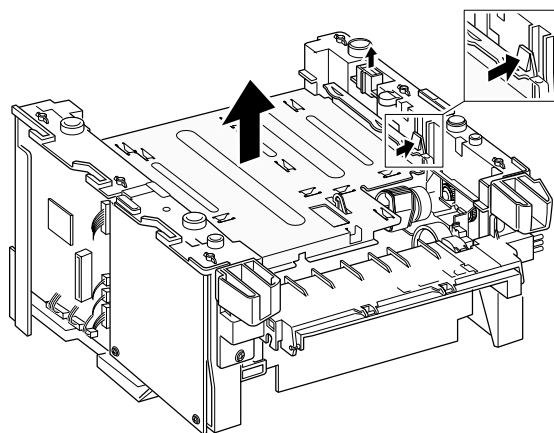
1. Before you remove the engine board, you should remove:

-Main Cover (see page 3-5)

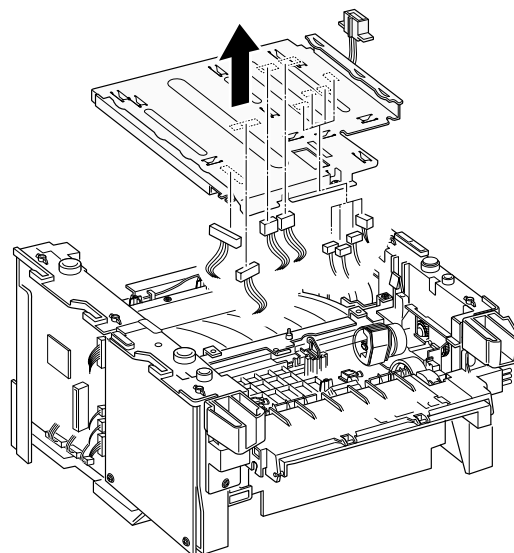
2. Remove nine screws securing the PCU shield and remove two screws securing the SCF connector, and then take the PCU shield out of the printer.

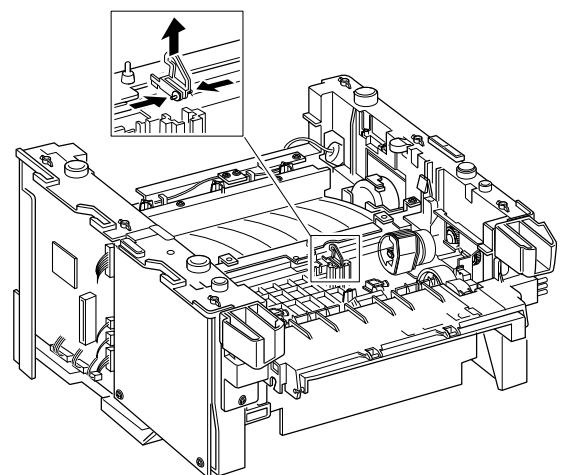
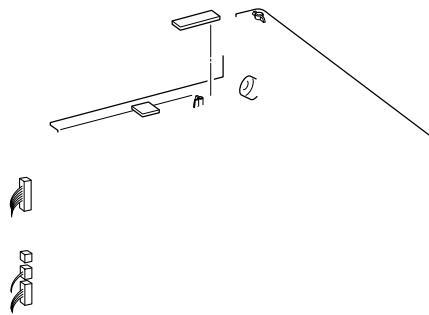


3. While you push the latch to release the PCU shield, take the PCU shield out of the printer.



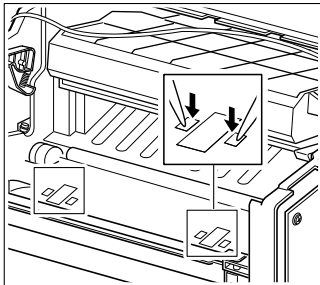
4. Unplug all connectors from the PCU shield, and remove the shield.



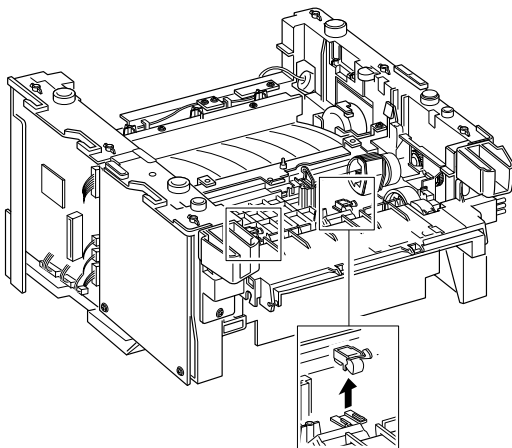


To replace the actuator feed

1. Turn the mechanism back and push down the points as shown to unlatch the actuator feed.

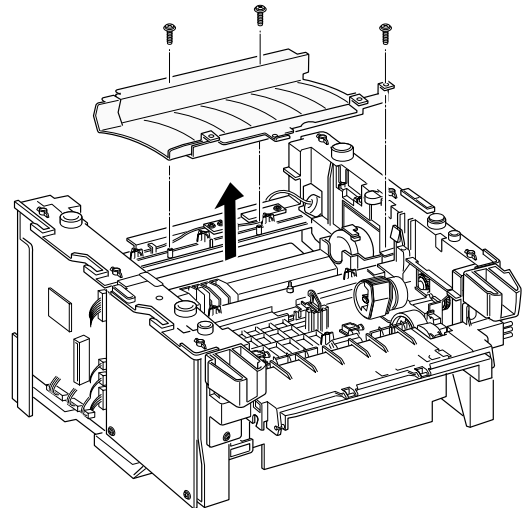


2. Turn the unit over again, and remove the actuator feed.



To remove the transfer guide :

Remove three screws and take the guide out.



MEMO