

# Sharp® Z50 Drum Unit



Oasis Imaging Products, Inc. Technical Support: (888) 627-6555

**Reference Information:**                      **Approximate Remanufacturing**  
 OEM PN: ZT-50DR                              **Time:** 20 min.  
 OEM Yield: 9,000

**Recommended Tools:**  
 Phillips screwdriver  
 99% Isopropyl alcohol

**Instructions:**

1. Remove end cap from front of cartridge (5 clips - Fig. 1).
2. Carefully remove waste toner assembly from cartridge (2 screws - Fig. 2).  
**Note:** Two of the 3 white gears on the front end are loose. Make a note of their positions and place them aside.
3. Place cartridge on its top and remove 6 screws. Detach securing clip and separate cartridge (Figs. 3 & 4).
4. Remove the OPC drum. Remove brass bushing on OPC gear and save. Clean, inspect and lubricate the drum with padding powder. Store in a dark place. Replace the drum if necessary. If replacement is required, then perform the following steps to remove OEM gears:
  - a. Insert a steel dowel through hub opening.
  - b. Lightly tap the edge of the opposite gear until it becomes dislodged.
  - c. Perform step "b" on remaining hub.
  - d. Install the OEM gears on another OPC drum. Prepare a spot for the contact by scratching the inside of the drum with a piece of steel wool or sandpaper, otherwise optimal electrical continuity between the gear and the OPC drum will not be achieved.
  - e. When installing gear, apply glue to the inside of the drum rather than to the gear.
5. Remove wiper blade (4 screws). Clean, inspect, and lubricate blade with padding powder. Replace if necessary.
6. Clean corona wire assembly with cotton swab and 99% IPA (Fig 5).
7. Install the wiper blade.
8. Install the waste toner auger.
9. Install OPC drum. Be sure to install brass bushing on the OPC gear.
10. Reassemble cartridge halves in reverse order (using Figs. 1, 2, & 3 as guides).

**To Reset Drum Counter:**

The drum count reset is located in the rear of the drum unit compartment in the copier. It is a small black box with a spring loaded switch on top. Depress and release the switch, then insert drum unit and resume operation (Fig. 6).

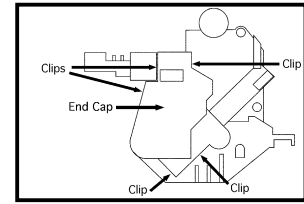


Figure 1

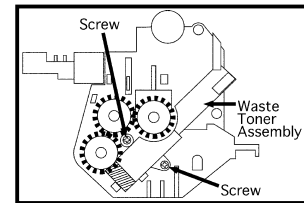


Figure 2

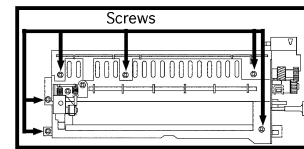


Figure 3

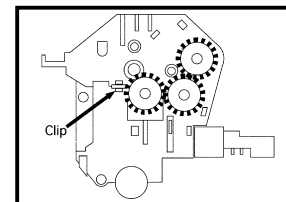


Figure 4

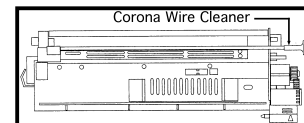


Figure 5

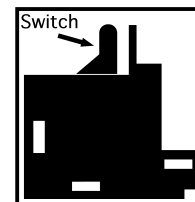


Figure 6