

# NEC® LC-800 Drum Unit



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

## Reference Information:

OEM PN: 20-020  
OEM Yield: 7,000

## Recommended Tools:

Phillips head screwdriver

## Approximate Remanufacturing

Time: 25 min.

## Instructions:

1. Remove the phillips head screw (1) from the drum axle on the non-gear end of the unit. Pull the axle out about 1/4". Slide the drum to the right about 1/8".
2. Remove the snap on plastic shield by unlatching the 4 clips that hold it in place (Fig. 1).
3. Remove the metal phillips head screws (2) securing each end of the corona assembly (Fig. 2). Remove the assembly by lifting it straight up (Fig. 2). Turn the cartridge over and remove drum axle while holding the end of the drum.
4. Pry the gear end of the OPC drum to the right and the drum will lift out. Clean, inspect and lubricate (with padding powder) and store in a dark place. Replace if necessary. If replacement is required, then perform the following to remove the OEM gears:
  - a. Remove the screws (2) on the gear end of the drum.
  - b. Remove the plug end.
5. Remove the cleaning blade (3 screws) and vacuum out the waste bin. Be careful not to crease the catcher blade located below the cleaning blade. Clean, inspect and lubricate the cleaning blade. Replace if necessary.
6. The corona wire is tricky to clean if you want to disassemble it. Begin by removing the 2 clear plastic screws from each end of the unit. When you loosen the 2 on the right end of the unit you will hear a small popping noise. This is the sound of a spring snapping past a plastic tensioning block. Remove the 2 screws and retaining block. When you lift the retaining block off you will see a tensioning block and a pressure spring. Be sure not to lose the block and spring (Fig. 3).
7. Lift the right end of the corona grid and clean the wire with a cotton swab (Fig. 4). The tensioning block must be pushed in to allow the grid to drop over the locking post. You must hold the block down or the spring will pop it off. Now put the retaining block back in place keeping tension on it to prevent it from popping off. Insert the two screws and tighten them. Use compressed air to clean the rest rest of the corona assembly. The last thing to be done to the corona assembly is to replace the varistor (Fig. 3) located on the left end of the corona assembly. The original varistor must be removed by de-soldering one lead and removing the screw from the second lead. To replace the varistor, resolder the one lead onto the copper tab and wrap the other lead clockwise around the screw one turn, then tighten the screw.

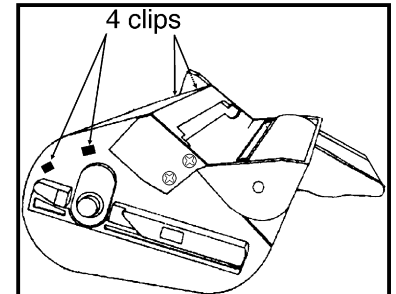


Figure 1

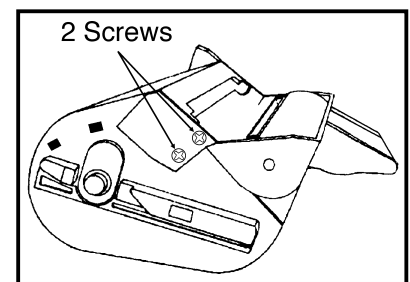


Figure 2

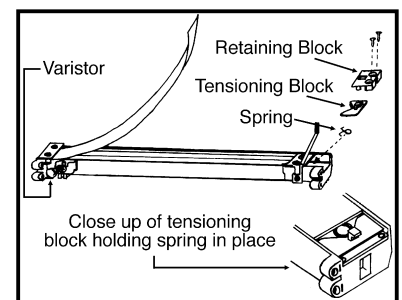


Figure 3

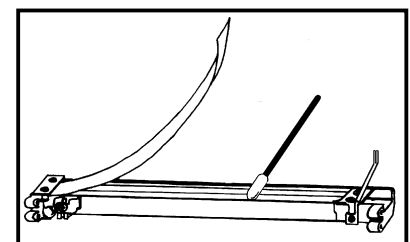


Figure 4

8. Install the cleaning blade.
9. Install the OPC drum. Put the drum back in place and insert the axle three quarters of the way. Snap in the plastic shield and then insert the axle the rest of the way. Secure with the small phillips head screw.
10. Install the corona assembly.

**Printer Compatibility Information:**

**AES L5**

**Data LTD L5**

**Data South 5080:** Pagewriter 8, Pagewriter 8 model 1080

Pagewriter 8 model 2080, Pagelaser 8 model 3080

Pagelaser 8 model 5080.

**Interface systems Laser 8**

**ISI Laser 8**

**Interkom I-4909**

**Kay Pro Pageprinter I, Pageprinter II**

**Kontron KLP-8**

**MDS System 340**

**Mitac LSD 2050**

**Motorola Laser Printer, PT 4000, PT 4010**

**NEC:** LC-866, LC08, LC800, LC850, LC860, LC860 Plus

LC866 Plus, LC 890, LC 890 XL, Silentwriter 890,

Silentwriter890XL, Astra 2800, Astra 2900

**Nixdorf MD07**

**Siemens 2522, 2523, 9022, PT10**

**Sperry Laser 35, Laser 8**

**Telenorma ISY-70**

**Xios L5**