

# Xerox/ Epson® AL 1100 Cartridge



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

## Reference Information:

OEM PN: S051023  
OEM Yield: 4,000 (5% coverage)

## Printer Compatibility:

Epson ActionLaser 1100, 1400  
Star Mitronics Wintype 4000

## Recommended Tools:

Jewelers screwdriver  
Needle Nose pliers

## Approximate Remanufacturing

Time: 20 min.

## Instructions:

1. With the cartridge face down and toner hopper facing you, use needle nose pliers to remove the two tension springs (Fig. 1). Note the right side spring placement (Fig. 2).
2. Using a jewelers screwdriver, push in the two locking pins on each side of the cartridge (Figs. 3 & 4). Separates the two cartridge halves and set the toner hopper aside.
3. Remove the two drum axle screws from each side (Figs. 3 & 4). Remove the OPC and transfer roller making note of their placement in relationship to each other. They must be installed in the same direction to ensure a proper ground. (OPC white gear is the contact gear, the transfer roller has a fixed gear and a floating gear) Set the OPC and transfer roller aside.
4. Remove the PCR and set it aside, clean, inspect and replace if necessary.
5. Vacuum all excess toner from waste hopper and clean or replace the wiper blade. Be sure to lubricate the wiper blade before reinstalling a new or cleaned OPC. If the wiper blade needs to be removed, be aware that the blade is held in place with an epoxy glue that is very difficult to remove. Unless replacement of the wiper blade is intended, removal is not recommended.
6. Reinstall the PCR and OPC. Use conductive grease on their contact ends.
7. Be sure that the cartridge recognition tab is not bent or broken off (Fig. 3) or The printer will not recognize the cartridge when installed.
8. Use needle nose pliers to pull the locking pins (from step 2) out of their sockets and set aside.
9. Remove the four screws (Fig. 5) from the toner hopper half and remove the side cover to expose the mag roller gears. Remove the small gear on the mag sleeve and the small reduction gear below it.
10. Slide the mag roller out of the cartridge being careful not to scratch it. Clean, inspect or replace the mag roller sleeve and bushings and set them aside.
11. Remove the hopper plug. Empty any excess toner and vacuum the hopper. It is not recommended to remove the doctor blade in this cartridge because it is secured with plastic rivets.
12. Reassemble the mag roller sleeve and gears. Be sure that the small mag roller gear is installed with the shoulder on the inside to ensure gear alignment with the OPC when assembled.
13. Reassemble the two halves by pushing the two pins in flush with the plastic on the side of the cartridge. Install the tension springs.

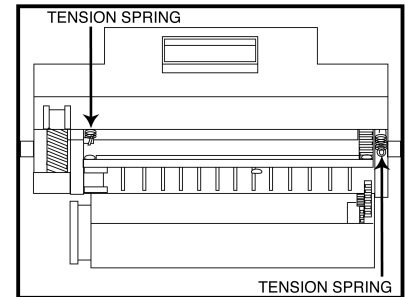


Figure 1

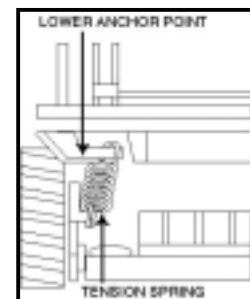


Figure 2

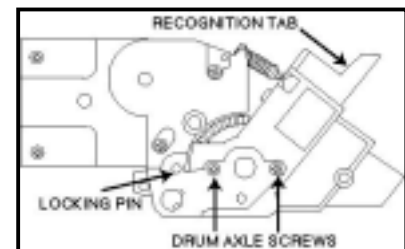


Figure 3

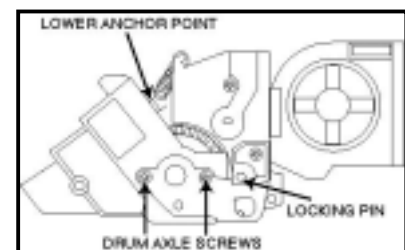


Figure 4



Figure 5