

# “REPAIR FUSER & PAPER PICK-UP ASSEMBLIES”

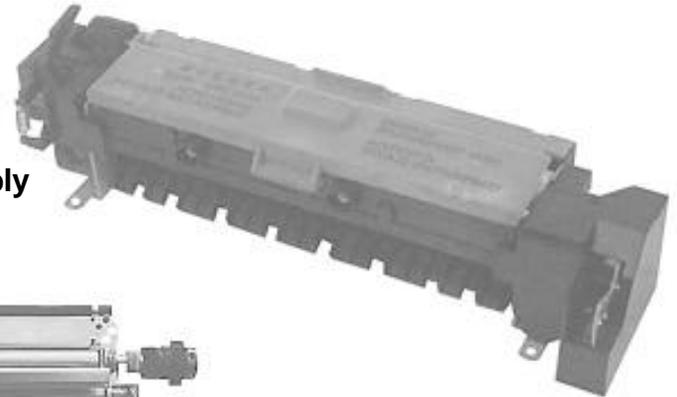
□ Andy Niemic

As the owner of a laser printer you have reason to be proud. The quality of your printed documents now show you are a professional. But what do you do when your laser printer stops printing? How much damage occurs to your printer depends on how you care for it. You paid a healthy sum for the right to print quality documents, but are you also ready to pay for printer repairs?

## ***What breaks and what are your options????***

The fuser assembly and the paper pick-up/feed assembly are the two most common hardware repairs made to a laser printer.

**SX Fuser Assembly**



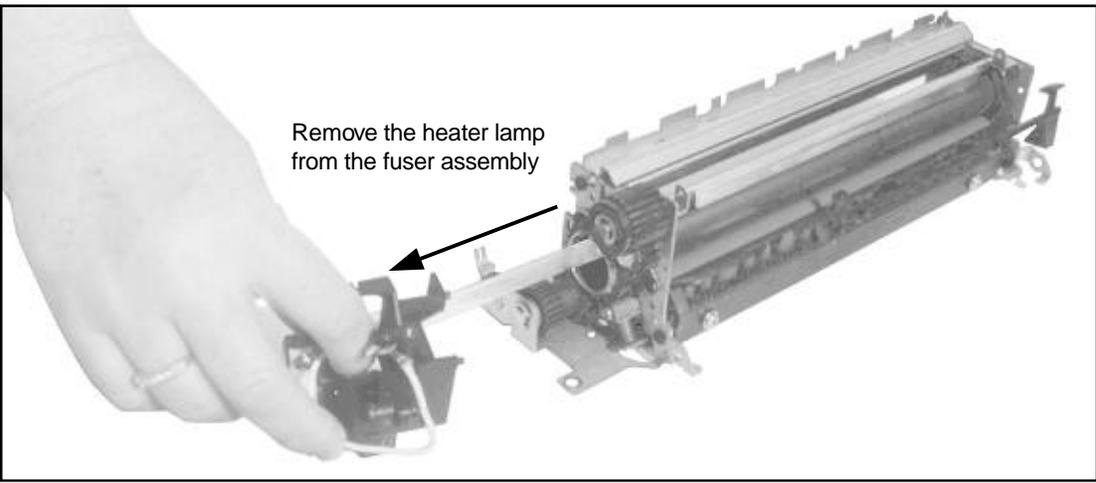
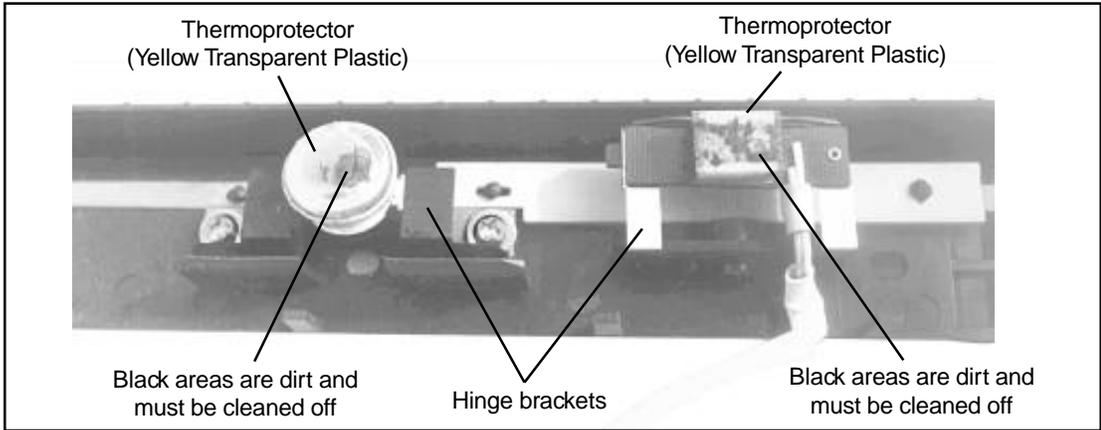
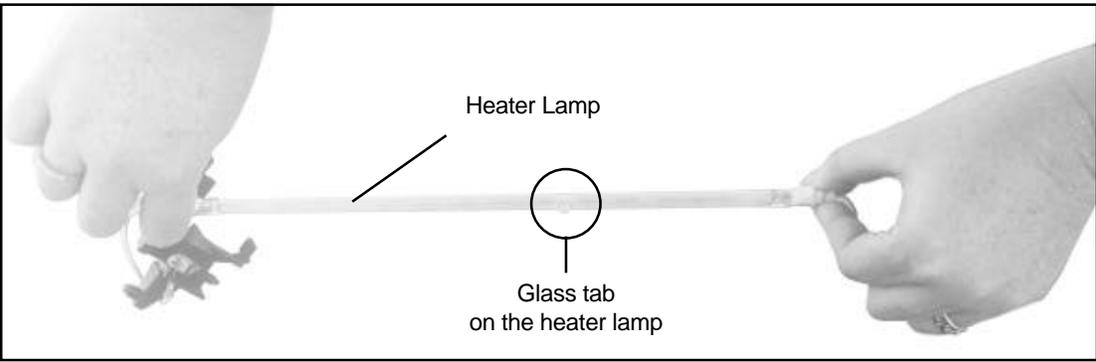
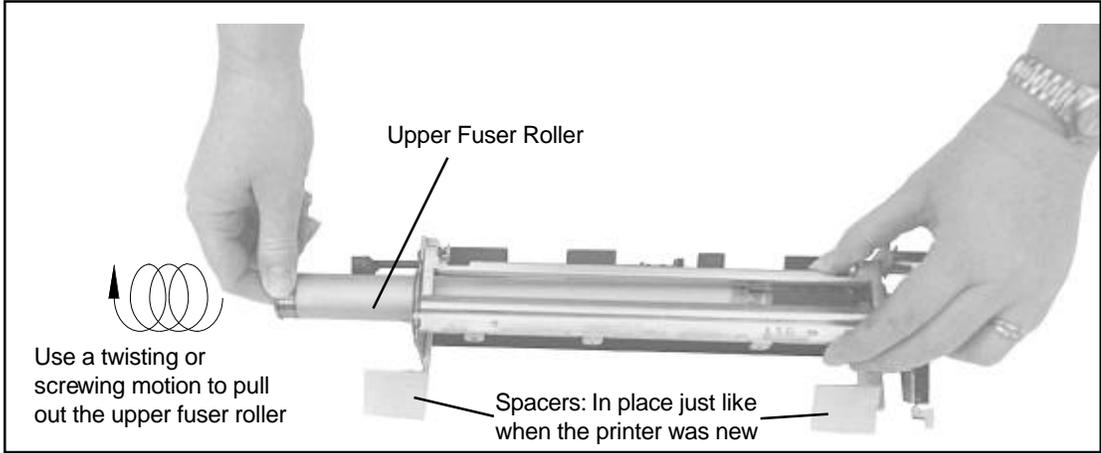
**Paper Pick-Up/Feed Assembly**

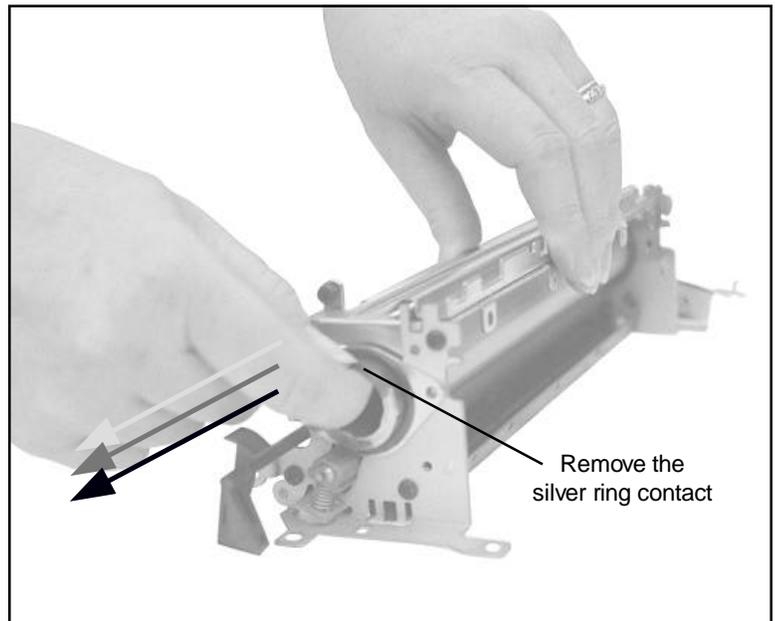
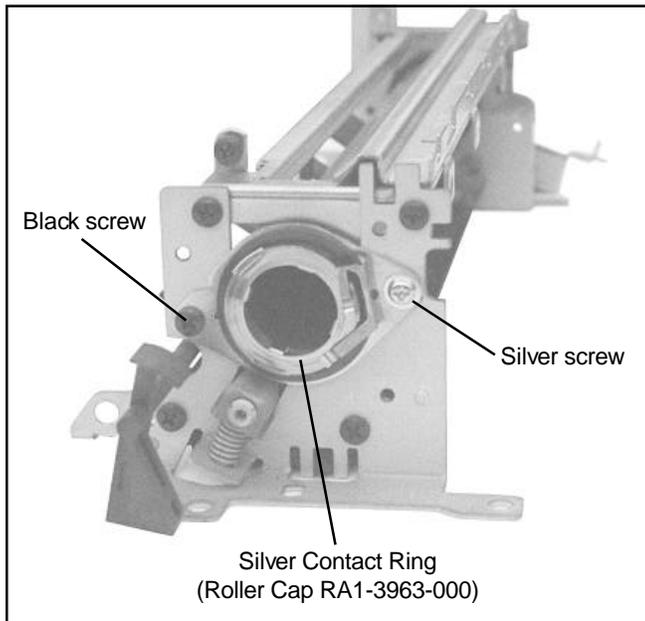
Andy Niemic is a respected writer of technical information and how-to manuals. As a world renown expert and consultant, he has set many of the standards for the laser printer repair industry and the cartridge recycling industry. He continues to evaluate products and procedures for these industries.

## **THE SX FUSER ASSEMBLY:**

A fuser assembly repair, if made by the printer manufacturer's warrantee center, can cost anywhere from \$200 to \$500. Non-authorized service centers charge from \$125 to \$250 for the same repair. A third option is fixing the fuser roller yourself. The cost is around \$50 in parts and an hour of time. Some will be tempted to do the repair themselves and others, fearing the worst, will be willing to pay the full \$500. The fact is, with good instructions and replacement parts, the job is not too hard. If you can follow a pictorial fuser assembly repair manual, the substantial savings make the repair worth doing yourself. The next page shows examples of some of the photos you will find in the repair manual.

***If you can follow instructions with detailed photos like these, you can repair your laser printer's fuser assembly.***



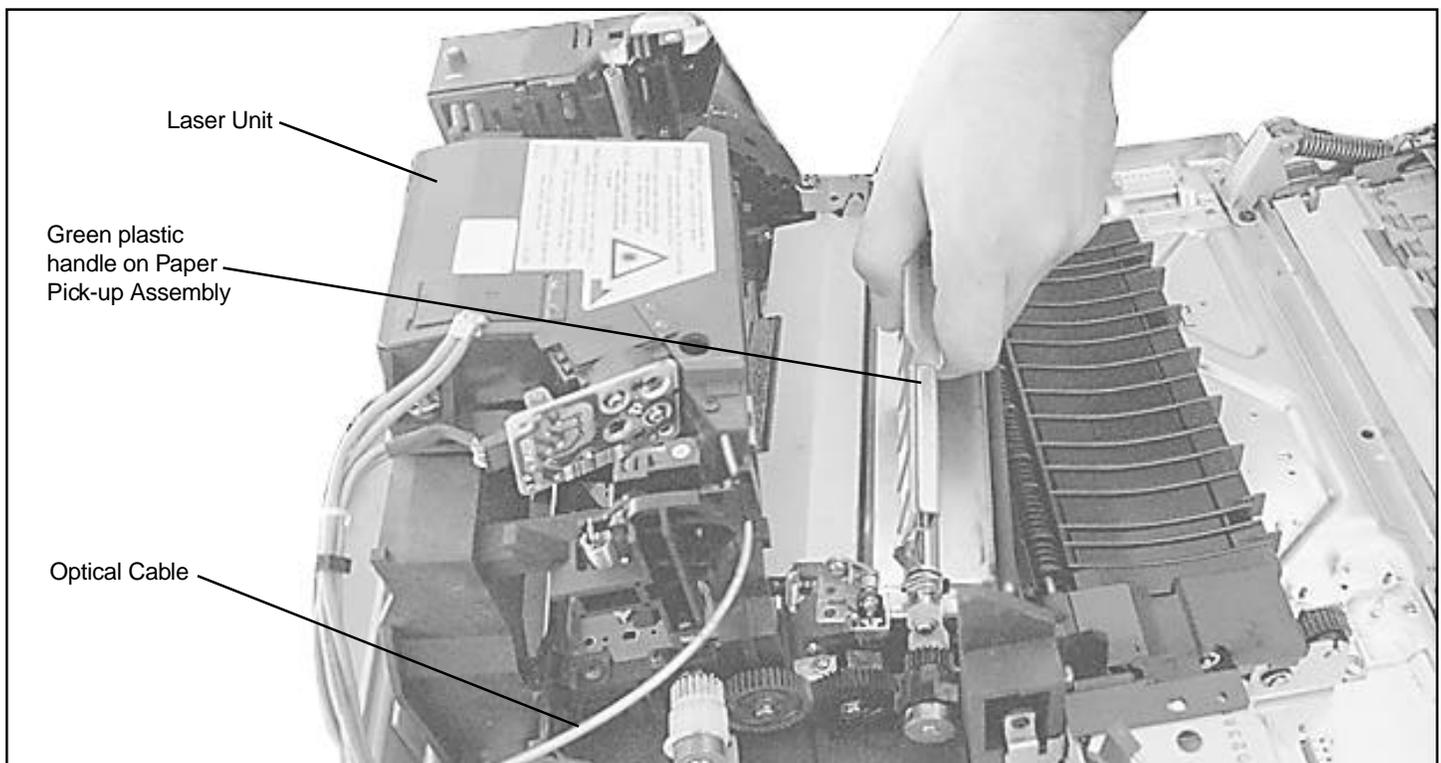


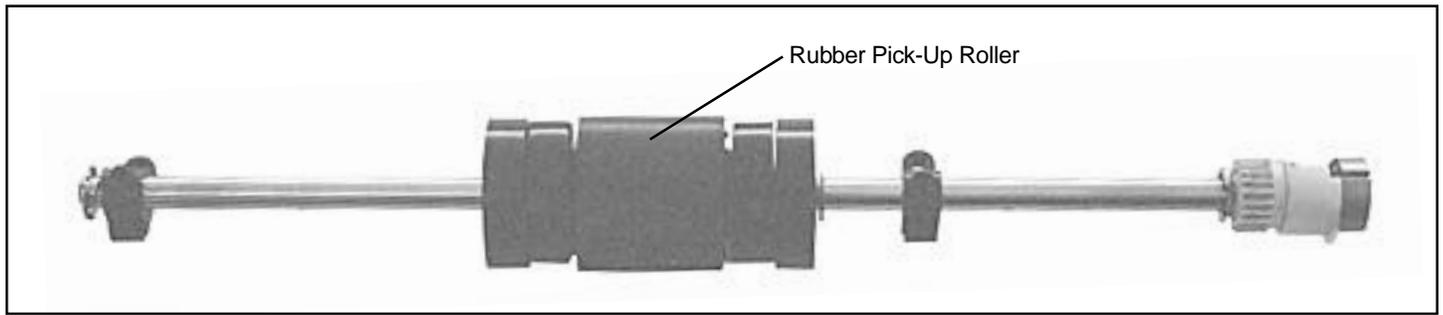
**THE PAPER PICK-UP ASSEMBLY:**

The paper pick-up/feed assembly is the second most common repair and the reason for the damage is usually self-inflicted by the laser printer user. Every time there is a paper jam, instead of pushing down on the release to remove the paper, the user simply pulls it back out (opposite of the paper path) from between the rubber pick-up foot and the cork pad.

The result is over time the rubber pick-up roller and cork pad become worn. Think of the pick-up roller as a pencil eraser. Rubber shavings result when the paper is pulled against the rubber in the opposite direction of the paper path. Unfortunately, unlike a pencil eraser, the cost of replacing the pick-up roller is more costly.

The cost of having a repair technician replace the paper pick-up/feed assembly can range from \$150 to \$400. The job requires the removal of the printer case, a metal shroud, three





screws holding a power supply and two more screws holding the rod that the pick-up roller rides on. The cork pad requires the removal of the four screws holding the paper pick-up/feed assembly and two more screw that hold the cork pad. If nothing else, you can understand why repair technicians love you when you call them to replace this assembly.

For information on purchasing pictorial manuals, quality ozone filters, and other products for the laser printer, contact:


**Unicorn Grafix, Inc.**  
 (602) 234-0363 • Fax (602) 274-6115

The cost for the parts is under \$30 and the job takes around 30 minutes. Once again, if you feel you can follow a pictorial repair manual, the savings to you are very high.

The key to protecting your investment and health is common sense and printer maintenance. And it is something you can do yourself!

To learn about other printer maintenance you can do yourself, see additional information on the following topics:

**“Poison Gas From Your Laser Printer and How To Control It”**

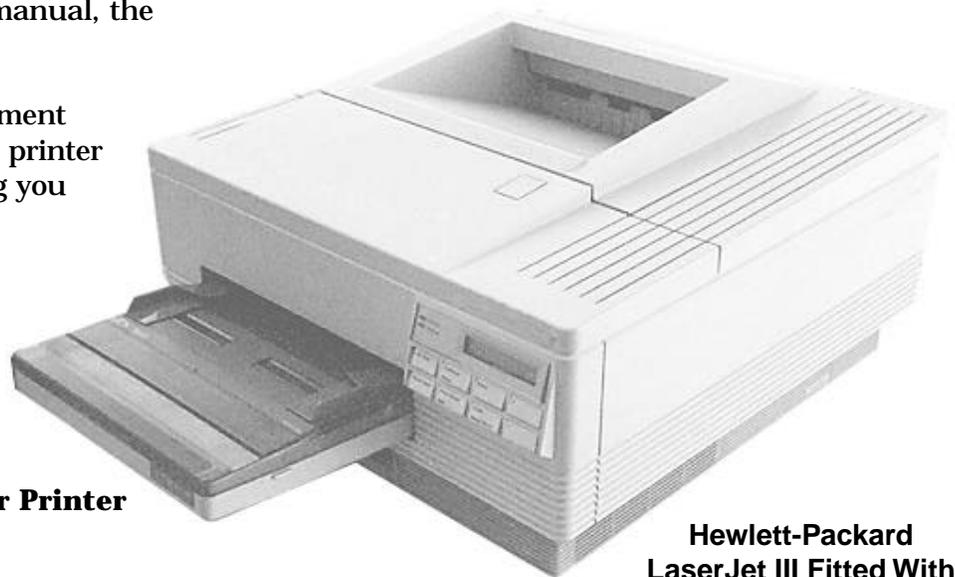
*Changing your ozone filter*

**“What's Wrong With This Picture?”**

*Identifying print defects*

**“Care & Feeding of Your Laser Printer”**

*Basic laser printer maintenance and are recycled toner cartridges in your best interest*



**Hewlett-Packard  
LaserJet III Fitted With  
Optional AppleTalk  
and PostScript**

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