



Your No.1 Source For Laser Printer Parts

## TechTips 03

### SUBJECT: Delivery Assemblies

Delivery assemblies and output rollers are positioned closest to the fuser assembly and are susceptible to the heat that is emitted, but they are often overlooked as the cause of some faults. Below are some things to watch for...

#### HP Laserjet 2200 – Grinding Sound from Rear of Machine

Our tech department are fielding more and more calls on the Laserjet 2200 printers.

One area of concern seems to be a grinding type noise coming from the rear of the machine either just before or after replacing a fuser assembly (new or exchange). The fuser has been unfairly blamed but it seems the source of the noise has more to do with the plastic gears in the delivery area.

As with any squeaking gears or rollers we do not recommend that you lubricate them – This serves as a temporary fix, which causes more problems in the long term. Most people are too heavy handed and even the slightest applied lubricant attracts a build-up of paper dust and toner particles

Once the fuser assembly is replaced, the new gears on this unit are now meshing with worn gears and hence causing the grinding noise. A kit will be made available for this problem soon – watch this space!

#### HP LaserJet 5si / 8000 / 8100

The above models all share the same face down delivery assembly. When worn, they generally remain quiet in sound but are usually responsible for the following Paper Jam error codes:

### **13.13 Fuser Accordion**

Jam - caused by the output rollers on the delivery assembly being worn, hence not gripping and passing the exiting piece of paper at the same rate as the fuser assembly is pushing it.

**13.14 Printer could not Auto Eject Paper** - General wear of this unit can also cause problems with the two sensors PS1402 & PS1403 and the bushings are prone to seizing.

**Part Required: #RG5-1874 Face Down Delivery Assembly**

## **HP Laserjet 4100 – Squeaking Noise from Rear of Machine**

The noise in the delivery area of the 4100 can be soft, loud, intermittent or continuous. Most often the bushing in the delivery assembly itself causes it. These assemblies have now been modified to eliminate this happening. Also can be caused by worn rubbers rollers of the delivery assembly.

**Part Required: #RG5-5094 Delivery Assembly (new only)**

## **HP Laserjet 4 / 4+ (EX) & 4v / 4mv (BX) series – Accordion Jams after Fuser**

As paper is usually partway out of fuser assembly when the printer calls a paper jam, often the fuser assembly is blamed.

However this type of fault, is generally caused by the roller on the delivery assembly being worn, hence not gripping and passing the exiting piece of paper at the same rate as the fuser assembly is pushing it. This causes a concertinaing effect and a bunched up piece of paper that can't exit.

**Part Required: Delivery assemblies**

**HP 4/4m #RG5-0456**

**HP 4+/4m+ #RG5-0886**

**HP 5/5m/5n #RG5-2189**

**HP 4v/4mv #RG5-0198**

## HP Laserjet 3si / 4si – Job Offset Assembly

The job-offset assembly is often used to collate the print jobs. The most common cause of problems is wear on the middle sensor, causing a **13.4 Paper Jam**. In addition to this, there are 2 solenoids – one for collation, the other to send the page back to the duplex assembly.

A grinding or clunking noise can sometimes be heard from the job offset before any error code is reported – all the above are signs to replace the unit.

**Part Required: #RG5-0381 NX Job Offset Assembly**

## HP LaserJet 5L / 6L / 5P / 6P – Melted delivery rollers

Due to the compact nature of these smaller desktop machines, the delivery rollers in the fuser and delivery area are exposed to extreme heat which over time may cause the rubber rollers to melt or go “gooey”. The only solution is to replace the effected parts as below

**Part Required:**

**HP5L #RF5-1521 Exit Roll (black plastic shaft with 4 rollers)**

**HP6L #RF5-2367 Exit Roll (black plastic shaft with 4 rollers)**

**HP5P #RG5-0683 FD delivery roll (black plastic with 4 rollers)**

**#RB1-5917 Fuser delivery roller (metal shaft with 3 rollers)**

**HP6P #RG5-0683 FD delivery roll (black plastic with 4 rollers)**

**#RB1-9181 Fuser delivery roll (metal shaft with 3 rollers)**

**If there are any technical tips you would like to see featured, please [send an mail](#) with suggestions and we will try to accommodate.**

**Please note:**

**All LaserJet printer accessories are available**

**Lower Optional  
High Capacity Feeders**

**Duplex  
Assemblies**

**Jet Direct /  
Network Cards**

**Replacement Paper  
Trays**

**Memory, Postscript  
Cards**

**Whole Printers**