LaserWriter IINTX: Lock-up with Flashing Lights (11/94)

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TOPIC ---

Intermittantly, my LaserWriter IINTX locks up with the paper-out light and the
paper-jam light both flashing. What would cause this problem and how can I
repair it?

DISCUSSION --

The problem you describe can be caused by any of three system failures. The
blinking lights can be caused by the Logic Board, Fuser System, or Scanner
System. One key thing to remember is that "System" includes the cables. The
LaserWriter II engine a modular engine and the cables are susceptible to
oxidation and can go bad. There is no way to test the cable other than to
replace the cable. I've outlined the steps below needed to troubleshoot a
LaserWriter II with the Paper Out and Paper Jam lights blinking.

The DC controller will also hold an error condition for 15 to 20 minutes. The
LaserWriter must be powered off for this amount of time after a part is swapped
if you encounter this error condition.

1) Remove the I/O board, power off the printer for the required amount of
   time and try the service test print. If the service test print works,
   then the problem is the I/O board.

2) If the service test print fails, check the fuser to see if it is
   heating up. The cable from the DC-controller to the fuser, PN# 936-0103
   may be the culprit. Try replacing the cable first. If that fails, The
   fuser should be swapped next.

3) If the service test print produces a blank page or black page, then the
   scanner system is at fault. Try replacing the Laser Harness cable, PN#
   936-0048. If that fails, the Scanner should be swapped next, followed
   by the DC Controller board.

Two other symptoms that can also accompany symptom 3,

A) A starting and stopping of the paper as it goes through the print process.

B) An ascending high pitched whine coming from the scanner assembly (Sounds like a jet engine taking off).

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