LaserWriter Pro 600 & 630 Diagnostic Capabilities

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TOPIC --

Do the LaserWriter Pro 600 & 630 printers have any service diagnostics
available?

DISCUSSION ---

The LaserWriter Pro 600 & 630 printers have built-in service diagnostics.

Here's how to use these diagnostics to troubleshoot your printer:

1) Connect pins 7 and 9 on the DB-9 serial connector with a jumper. One
   method is to connect a jumper wire across pins 7 and 9 on a DB-9 plug
   connector and insert it in to the DB-9 socket connector on the printer.

2) Turn on the printer after connecting the pins and wait approximately 2
   minutes for the diagnostic to execute.

3) Compare the LED pattern on the printer to the chart below to determine
   the source of the problem.

Note: If the LEDs display the 'Test running' indication for more than three
minutes, the built-in diagnostic is unable to locate the problem. Refer to
the Service Source CD for more information.

ERROR/FAULT	Ready	Toner	Paper Out	Paper Jam
Test running	OFF	ON	ON	OFF
Fuser Assy.	ON	OFF	ON	ON
Laser Assy.	ON	ON	OFF	OFF
Main Motor	ON	ON	ON	OFF

Fan Motor	OFF	OFF	OFF	ON
No Error	ON	ON	ON	ON
ROM 1*	OFF	ON	OFF	OFF
ROM 2*	OFF	ON	OFF	ON
ROM 3*	ON	ON	OFF	ON
ROM 4*	OFF	ON	ON	ON
SIMM 1	ON	OFF	OFF	OFF
SIMM 2	ON	OFF	OFF	ON
I/O Board	ON	OFF	ON	OFF

** Individual ROMs are not available through service. If one of the ROMs
fails, the I/O controller board must be replaced through Apple Service.
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