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LaserWriter IINT: Troubleshooting Spurious Error Lights (11/94)

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TOPIC -----

After a long period of cooldown, my LaserWriter IINT initializes and prints the test page. Then after an unspecified period of time, the printer's red lights start flashing and it won't print anymore.

Turning the printer on and off and replacing all of the associated cables and cartridge doesn't solve this problem. Once it has gone to the error condition, it won't re-initialize without a prolonged cooldown.

Someone pointed to a cap discharge problem as a possible cause for error conditions maintained beyond their actual existence.

DISCUSSION -----

This problem is caused by either:

- An I/O board failure
- The fuser assembly not being at the proper temperature
- The mirror motor in the scanner assembly not spinning at the correct speed.

At the center of all these problems is the DC Controller (and any connecting cables).

The capacitor at location C211 on the DC Controller maintains the error condition after shutdown, so it's a good idea to discharge it before the next power-on. Otherwise, you'll run into troubleshooting problems.

Given your symptoms, we suspect that the fuser assembly (or DC Controller, or the cables between the two) is defective, particularly if the LaserWriter enters into this problem on its own after warm-up. If replacing these components doesn't cure the problem, try a new I/O board.

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