



# Tech Info Library

## Serial Print Drivers: Updates Needed On Newer Computers (4/94)

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TOPIC -----

I'm having difficulty printing to a Personal LaserWriter LS from my Macintosh 660AV. I'm using the Personal LaserWriter LS print driver.

I tried printing with the Personal LaserWriter 300 driver and it worked fine.

DISCUSSION -----

There is a known problem with the Personal LaserWriter LS, and both the Macintosh AV and Power Macintosh computers. Information on this "incompatibility" is outlined in the ReadMe file on these computers. The problem is with older versions of the Personal LaserWriter LS and StyleWriter II print drivers. With serial printers such as these, they are unable to respond to incoming data during certain instances (such as when the printer is ejecting a page). Since the previous StyleWriter II and Personal LaserWriter LS drivers are based on the older interrupt driven serial driver, problems would occur using the new DMA serial driver on the Quadras as there is constant data going to the printer. The new printer drivers (StyleWriter II v1.2, and Personal LaserWriter 300 which is backward compatible with the Personal LaserWriter LS) know not to send data when the printer is ejecting a page, etc. Thus, you might call these new drivers "DMA serial driver aware". This is why the problem was resolved when you used the Personal LaserWriter 300 driver.

Article Change History:

22 April 1994 - Listed Power Macintosh as also having this problem.

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