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ImageWriter LQ: System 7.5.3 Causes Some Fonts to Shift (5/96)

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Security: Everyone

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TOPIC -----

I have an ImageWriter LQ. I recently installed the System 7.5 Update 2.0 on my Power Macintosh 6100 computer, and after the installation certain fonts shift during the second pass of the print head, the top half of the characters are displaced from the bottom half. When I reverted back to System 7.5 everything worked properly. What changed?

DISCUSSION -----

We were able to reproduce the problem on the Power Macintosh 6100, but not a Power Macintosh 7200, so it only seems to occur on some Power Macintosh models. It also only seems to occur when printing in Best mode.

After installing System 7.5 Update 2.0, we checked the Geneva, Palatino, and Helvetica TrueType fonts and they did not change. The issue was most likely introduced in other system software changes such as a possible Font Manager or QuickDraw code change.

Workarounds
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- Use QuickDraw GX v1.1.3.
If you use the latest version of QuickDraw GX, the fonts do not shift. There are additional benefits to using QuickDraw GX such as background printing and being able to perform multiple page up (N-up) printing.
- Use landscape orientation.
If you print in the landscape mode, the issue does appear.

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