Apple II Technical Notes

Developer Technical Support

ImageWriter #1: Custom Font Selection

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This Technical Note documents an ImageWriter II firmware bug which affects custom font selection.

Due to an ImageWriter II firmware bug, the `ESC '` command neither selects nor reselects custom font 1 after custom font 2 is selected, unless you fix an errant pointer with the following command sequence first:

7-bit mode: `ESC Z 00 20 ESC D 00 20 ESC '`
8-bit mode: `ESC Z 00 20 ESC '`

The `ESC '` command works correctly on an ImageWriter I, but the sequence above is also acceptable; therefore, it is in your best interest to always utilize the given sequence to select custom font 1. It is possible that the printer was initialized and custom font 2 was selected long before your program was launched.