Table 7-17 Secondary Service menu (continued)

Menu item	Sub-menu item	Description
Show FW Version		This item shows the current date code of the firmware.
Ethernet reset		This item resets the ethernet hardware and causes it to reacquire an IP address.

Engine resets

Engine test page

Simplex engine test page

1. Open and close the print-cartridge door three times within 2 seconds.

2. The engine-test page prints with a test pattern on one side of the paper.

Duplex engine test page (HP LaserJet P2050 Series Printers only)

1. Open and close the print-cartridge door five times within 2 seconds.

2. The engine-test page prints with a test pattern on both sides of the paper.

Restore defaults

● For HP LaserJet P2050 Series Printers, restore defaults from the service menu. See .

● For HP LaserJet P2030 Series Printers, restore defaults by pressing and holding the Go button and Cancel button for 10 seconds while turning on the product.

NVRAM initialization (HP LaserJet P2050 Series Printers only)

△ **CAUTION:**   Only perform the following procedure if absolutely necessary. Performing an NVRAM initialization resets some parameters that cannot be restored later.

NVRAM initialization does the following:

● Resets all customer-accessible menu settings via the control panel and software back to the factory default settings

● Resets the language to the value set at the factory or through the generic product prompts

● Resets the default media size to cold reset media size

● Resets the symbol set to PC-8

Use the following procedure to perform an NVRAM initialization.

1. Turn the product off.

2. Simultaneously press and hold the up arrow ▲ and Cancel button ⊗.

3. Turn on the product.

4. When the message **Permanent storage init** displays, release the buttons. When the NVRAM initialization is completed, the product goes to a **Ready** state.