HP Color & Monochrome LaserJet Printers – How to Print Self-Test and Configuration Pages

In this document:

The instructions in this document describe how to print Self-Test or Configuration pages on HP LaserJet printers. Self-Test or Configuration pages typically contain information regarding the printer's installed paper trays and options, memory, error logs, installed personalities and options, network protocols, etcetera. This document lists printer models that range from the HP LaserJet 4 series to current models.

HP LaserJet 4L and HP LaserJet 4mL printers

1. Make sure that the printer's Ready light is on.

2. Briefly press the printer's Front Panel button (do not hold it down).

    After approximately six seconds, the Data light will turn on and the Ready light will blink. The Self-Test page will then print.
    NOTE: The Self-Test page procedure for the HP LaserJet 4mL printer actually generates several pages referred to as "Config/Type Pages" - including additional pages of information. Refer to the *HP LaserJet 4ML User's Manual*, pages 5 - 7, for information on this additional information.

HP LaserJet 4p and HP LaserJet 4mp printers

1. Press the printer's ON LINE button to take the printer offline.
    00 OFFLINE appears on the display.

2. Press MENU repeatedly until TEST MENU appears on the printer's display.

3. Press ITEM.
    SELF TEST appears on the display.

4. Press ENTER.
    05 SELF TEST appears on the display for several seconds, then 06 PRINTING TEST appears while the PCL Configuration page prints.

5. After the page prints, press ON LINE to return the printer to the online state.

HP LaserJet 4 and HP LaserJet 4m printers

1. Press the printer's ON LINE button to take the printer offline.

2. Press the Control Panel MENU button until TEST MENU appears on the display.

3. Press ITEM until SELF TEST appears on the display.

4. Press ENTER.
    The Self-Test will print.

5. Press ON LINE to return the printer to the online state.

HP LaserJet 4 Plus and HP LaserJet 4m Plus printers

1. Press the printer's ON LINE button to take the printer offline.

2. Press the Control Panel MENU button until TEST MENU appears on the display.

3. Press ITEM until SELF TEST appears on the display.

4. Press ENTER.
   The Self-Test will print.

5. Press ON LINE to return the printer to the online state.

HP LaserJet 4v and HP LaserJet 4mv printers

1. Press the printer's ON LINE button to take the printer offline.

2. Press the Control Panel MENU button until TEST MENU appears on the display.

3. Press ITEM until SELF TEST appears on the display.

4. Press ENTER.
   The Self-Test will print.

5. Press ON LINE to return the printer to the online state.

HP LaserJet 4si series printer and HP LaserJet 4si MX printers

1. If the printer is online, press the ON LINE button to take the printer offline.

2. Press the Control Panel MENU button until TEST MENU appears on the display.

3. Press ITEM until SELF TEST appears on the display.

4. Press ENTER.
   The Self-Test will print.

5. Press ON LINE to return the printer to the online state.

To print the PostScript(R) Configuration page:

Follow the same steps, except Step 3. Press ITEM repeatedly until PS CONFIG PAGE displays, then press ENTER.

HP LaserJet 5L printer

1. Ensure that the Ready (bottom) light is on and that all other LEDs are off. If the printer is in Sleep Mode, bring it to a Ready state by pressing the Front Panel button.

2. Briefly press and release the Front Panel button.

   The Data (middle) light will turn on, the Ready (bottom) light will blink, and the Self-Test page will print.

HP LaserJet 5p and HP LaserJet 5mp printers

While the printer is in the Ready mode, simultaneously press the GO and RESET buttons on the printer's status panel.
The Self-Test page will print.

HP LaserJet 5, HP LaserJet 5m, HP LaserJet 5n, and HP LaserJet 5se printer

1. Press the printer's MENU button until Test Menu appears.

2. Press ITEM until Print Self-Test appears.

3. Press SELECT.

   The Self-Test page will print with a menu map.

HP LaserJet 5si series printer and HP LaserJet 5si Mopier

1. Press the printer's MENU button repeatedly until the display reads TEST MENU.

2. Press ITEMS repeatedly until the display reads PCL CONFIGURATION PAGE.

3. Press SELECT *.

   The control panel display will read PRINTING CONFIGURATION PAGE and the test page will print.

HP LaserJet 6L printer

1. Make sure that the Ready (bottom) light is on and all other lights are off. If the printer is in sleep mode, bring it to a Ready state by briefly pressing and releasing the Front Panel button.

2. Briefly press and release the Front Panel button.

   The Data (middle) light will come on and the Ready light will blink. The Self-Test page will print.

HP LaserJet 6p and HP LaserJet 6mp printers

Briefly press the GO and the JOB CANCEL buttons at the same time when the printer is in a Ready state (Ready front light on).
The PCL Self-Test page will print.

HP LaserJet 1100 series printer

1. Ensure that the printer is in the Ready state. If the printer is in Sleep Mode, press the GO button to bring it to a Ready state.

2. Press and release GO on the printer control panel.

   The Self-Test page will print.

HP LaserJet 1200 and 1220 series printers
Self test and Configuration page

Press the GO button when the printer is in the Ready state.

Continuous self-test

1. Turn the printer power off.

2. Press and hold the GO button while turning on the printer.

3. Continue to hold the GO button until the green ready light turns on (approximately 17 seconds).

4. Release the GO button. All lights will blink off and then start cycling when the test pages start printing.

5. The Self-Test page will continue to print until the GO button is pressed.

NOTE: When the printer is first turned back on, all lights will flash, and then there will be no light pattern for approximately 10 seconds. The amber light will then turn on. After the GO button is released, all LEDs will turn off for a few seconds and then begin cycling. After cycling, the lights will all turn off and the green light will blink indicating that data is processing and the page is printing. The printer will return to the Ready state with a solid green light after the page has printed.

CAUTION: Holding the GO button for more than 20 seconds may initialize NVRAM and reset the unit to the factory defaults.

HP LaserJet 1150 and 1300 series printers
Demo page

The demo page contains text, graphics, and general specifications of the printer. It can be used as a quick test of the hardware functionality.

Print demo page from the printer

When the printer is in the Ready state (ready light on), press and release the GO button to print a demo page.

Configuration page

The configuration page lists current settings and properties of the printer. It also contains a status log report. The Configuration report may be printed from the printer, the embedded Web server, or the HP toolbox.

Print configuration page from the printer

When the printer is in the Ready state, press the GO button for about five seconds, until the Attention light turns on, and then release the button.

Print configuration page from the HP Toolbox

1. Select Start, Programs, HP LaserJet 1150 or HP LaserJet 1300, and choose HP Toolbox.

2. Click the **Status** tab to print the configuration page.

Print configuration page from the Embedded Web Server (EWS)

1. In a supported Web browser, type the IP address or hostname for the printer.

2. Click the Information tab to print the Configuration page.

HP LaserJet 2100 series printer

1. Ensure that the printer is in the Ready state.

2. Press and release the GO and JOB CANCEL buttons simultaneously on the printer control panel. The Self-Test page will print.

HP LaserJet 2200 series printer
Self-test, Configuration, and HP Jetdirect page

Simultaneously press and release the GO and JOB CANCEL buttons when the printer is in the Ready state. The Self-Test/Configuration page and HP Jetdirect page (if an HP Jetdirect card is installed) will print.

Continuous self-test

1. Turn the printer power off.

2. Press and hold the GO button while turning on the printer.

3. Continue to hold the GO button until the Attention and Ready lights turn on.

4. Release the GO button. The Ready light blinks indicating the device is in continuous self-test mode.

5. The Self-Test page will continue to print until the JOB CANCEL button is pressed.

HP LaserJet 2300 series printers
Configuration page

Use the configuration page to view current printer settings, to help troubleshoot printer problems, or to verify installation of optional accessories, such as memory (dual inline memory modules, or DIMMs), trays, and printer languages.

The content of the configuration page varies, depending on the options currently installed in the printer.
NOTE: If an HP Jetdirect print server is installed, an HP Jetdirect configuration page prints as well. The Internet Protocol (IP) address of the HP Jetdirect print server appears on this page.

Use the following steps to print a configuration page at the printer control panel.

1. Press ✔ (Select) to open the menus.

2. Use ▲ (Up button) or ▼ (Down button) to scroll to INFORMATION, and then press ✔ (Select).

3. Use ▲(Up button) or ▼(Down button) to scroll to PRINT CONFIGURATION, and then press ✓ (Select).

HP LaserJet 3100 and 3150 series printers

1. Press the ENTER/MENU button.

2. Use the < and > keys on the printer's control panel to select Reports, then press ENTER/MENU.

3. Use the < and > keys to select Self Test, then press ENTER/MENU.

   The HP LaserJet 3100 product exits the Menu settings and prints the report.

HP LaserJet 3200 series printer

1. Press the ENTER/MENU button.

2. Press the < or > button until the display reads REPORTS.

3. Press the ENTER/MENU button.

4. Press the < or > button until the display reads CONFIGURATION REPORT.

5. Press the ENTER/MENU button.

   NOTE: Two pages will print. The first page shows the printer configuration and the second page shows the fax settings.

HP LaserJet 3300 series printer

1. Press the ENTER/MENU button.

2. Use the < or > button to select REPORTS and press MENU/ENTER.

3. Use the < or > button to select CONFIG REPORT and press MENU/ENTER.

HP LaserJet 4000 series printer

1. Press the printer's MENU button until INFORMATION MENU appears.

2. Press ITEM until PRINT CONFIGURATION appears.

3. Press SELECT to print the Configuration page.

   The display will read PRINTING CONFIGURATION and the Configuration page will print.

HP LaserJet 4050 series printer

1. Press the printer's MENU button until INFORMATION MENU appears.

2. Press ITEM until PRINT CONFIGURATION appears.

3. Press SELECT to print the Configuration page.

The display will read PRINTING CONFIGURATION and the Configuration page will print.

HP LaserJet 4100 series printer

NOTE: If an HP Jetdirect print server card is installed (HP LaserJet 4100n, 4100tn, and 4100Dtn printers), an HP Jetdirect Configuration page will print out as well.

To print a Configuration page at the control panel:

1. Press Menu until INFORMATION MENU appears.

2. Press Item until PRINT CONFIGURATION appears.

3. Press Select to print the page. Note the number of pages since last maintenance.

The next page contains an example of the Configuration page. The content of the Configuration page varies depending on the options currently installed in the printer.

NOTE: Configuration information is also available from the embedded web server. For details, see the "Embedded Web Server" section in the *User's Guide*.

HP LaserJet 4200 and 4300 series printers

NOTE: If an HP Jetdirect print server is installed, an HP Jetdirect Configuration page prints as well. HP LaserJet 4200n/tn/dtn/dtns/dtnsL and 4300n/tn/dtn/dtns/dtnsL printers come with an HP Jetdirect printer server installed.

The embedded Web server also provides configuration information. See the printer *User's Guide* for information about the embedded Web server.

1. Press ✔ (Select) to open the menus.

2. Use ▲ (Up Arrow) or ▼ (Down Arrow) to scroll to INFORMATION, and then press ✔ (Select).

3. Use ▲ (Up Arrow) or ▼ (Down Arrow) to scroll to PRINT CONFIGURATION, and then press ✔ (Select).

HP LaserJet 5000 series printer

1. Press the printer's MENU button until INFORMATION MENU appears.

2. Press ITEM until PRINT CONFIGURATION appears.

3. Press SELECT to print the Configuration page.

The display will read PRINTING CONFIGURATION and the Configuration page will print.

HP LaserJet 5100 series printer

Follow these steps to print a Configuration page:

1. Press MENU until *Information Menu* appears.

2. Press ITEM until *Print Configuration* appears.

3. Press SELECT to print the Configuration page.

HP LaserJet 8000 series printer and HP LaserJet Mopier 240

1. Press the printer's MENU button repeatedly until INFORMATION MENU appears.

2. Press ITEM repeatedly until PRINT CONFIGURATION appears.

3. Press SELECT to print the Configuration page.

    The display will read PRINTING CONFIGURATION and the Configuration page will print.

HP LaserJet 8100 series printer and HP LaserJet 320 Mopier

1. Press the printer's MENU button repeatedly until INFORMATION MENU appears.

2. Press ITEM repeatedly until PRINT CONFIGURATION appears.

3. Press SELECT to print the Configuration page.

    The printer's display will read PRINTING CONFIGURATION and the Configuration page will print.

HP LaserJet 9000 series printer

To print a Configuration page on an HP LaserJet 9000 from the printer control panel; there are two ways to do this:

1. Press 2, then 2 again (22) for quick keys, the Configuration page will print out.

Or

2. Do the following:
    a. Press ✓ (Select) to enter the menu system.
    b. Press ▼ (Down Arrow) to the Information Menu.
    c. Press ✓ (Select).
    d. Press ▼ (Down Arrow) to Print Configuration.
    e. Press ✓ (Select).

HP LaserJet 9000 MFP

To print a Configuration Page from the HP LaserJet 9000 MFP touch screen display do the following:

1. Touch MENU

2. Then touch INFORMATION MENU

3. Touch PRINT CONFIGURATION

HP Color LaserJet 5 series printer

1. If the printer is online, select the ON LINE key to take the printer offline (the On Line indicator goes out).

2. Press the MENU key repeatedly until PCL TEST MENU or PS TEST MENU * appears on the first line of the Printer's display panel.

   NOTE: The prefix "PCL" or "PS" depends on whether HP-PCL or PostScript (PS) has been selected as the current "system personality". For example, if you want to print a PS self-test but the printer is currently set to PCL, you need to change the printer's personality to PostScript. To do this, you would press the MENU key until PCL CONFIG MENU shows on the first line of the display panel. SYS=PCL or AUTO will appear on the second line. At this point, press the + key once to change to PS and then choose ENTER. Finally, press the ON LINE key and the printer will reset to the PS personality.

3. PCL SELF TEST or PS SELF TEST should automatically appear on the second line.

4. Select the ENTER key to print the Self-Test page.
   06 PRINTING PS TEST or 06 PRINTING PCL TEST appears briefly and, after about 10 seconds, the page prints.

5. Press the ON LINE button to put the printer back online (the On Line indicator goes on).
   00 PCL READY or 00 PS READY appears in the display window.

   NOTE: Other tests that are available under the TEST menus include CONT SELF TEST, PCL or PS TYPEFACE LIST, PCL or PS DEMO PAGE, and DEVELOPER TEST.

   NOTE: If you selected CONT SELF TEST, press ON LINE to exit the test and return the printer online or select RESET to stop the test and remain offline. Continuous Self-Test will print in monochrome (Black) only. * This item is only available if the optional PostScript SIMM is installed.

HP Color LaserJet 2500 series printer

Simultaneously press and release the (Go) and (Cancel Job) buttons on the control panel to print a Configuration page and Supplies Status page at the printer.

HP Color LaserJet 4500 and 4550 series printers

1. On the printer control panel, press the MENU button repeatedly until INFORMATION MENU displays.

2. Press ITEM repeatedly until PRINT CONFIGURATION displays.

3. Press SELECT to print the Configuration page.

The display will read PRINTING CONFIGURATION PAGE while the Configuration page prints, then the printer will return to the READY state.

HP Color LaserJet 4600 series printer

Use the Configuration page to view current printer settings, to help troubleshoot printer problems, or to verify installation of optional accessories, such as memory (DIMMs), paper trays, and printer languages.

1. Press ✔ (Select) to enter the MENUS.

2. Press ▼ (Down arrow) to highlight INFORMATION.

3. Press ✔ (Select) to select INFORMATION.

4. Press ▼ (Down arrow) to highlight PRINT CONFIGURATION.

5. Press ✔ (Select) to select PRINT CONFIGURATION.

The message PRINTING...CONFIGURATION appears on the display until the printer finishes printing the Configuration page. The printer returns to the READY state after printing the Configuration page.

HP Color LaserJet 5500 series printer

1. Press ✔ (Select) to enter the MENUS.

2. Press ▼ (Down button) to highlight INFORMATION.

3. Press ✔ (Select) to select INFORMATION.

4. Press ▼ (Down button) to highlight PRINT CONFIGURATION.

5. Press ✔ (Select) to select PRINT CONFIGURATION.

The message PRINTING...CONFIGURATION appears on the display until the printer finishes printing the Configuration page. The printer returns to the READY state after printing the Configuration page.

> **NOTE:** If the printer is configured with EIO cards (for example, an HP Jetdirect print server) or an optional hard disk drive, an additional Configuration page will print that provides information about those devices.

HP Color LaserJet 8500 and 8550 series printers

1. Press the MENU button repeatedly until INFORMATION MENU appears on the printer control panel display.

2. Press ITEM repeatedly until PRINT CONFIG PAGE appears on the display.

3. Press SELECT to print the page.

   The display will read PRINTING CONFIGURATION PAGE while the Configuration page prints, then the printer will return to the READY state.

HP Color LaserJet 9500 series printers

1. Press ✔ (Select) to enter the MENUS.

2. Press ▼ (Down button) to highlight INFORMATION.

3. Press ✔ (Select) to select INFORMATION.

4. Press ▼ (Down button) to highlight PRINT CONFIGURATION.

5. Press ✔ (Select) to select PRINT CONFIGURATION.

The message PRINTING...CONFIGURATION appears on the display until the printer finishes printing the Configuration page. The printer returns to the READY state after printing the Configuration page.

> **NOTE:** If the printer is configured with EIO cards (for example, an HP Jetdirect print server) or an optional hard disk drive, an additional Configuration page will print that provides information about those devices.

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