
Replacement Instructions

**Fan Tray
for the HP Router 650**

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This guide provides installation instructions for the following Hewlett-Packard Company non-exchange assembly:
5063-5959

Warranty

The information contained in this guide is entirely unwarranted.

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Preparation

If diagnosis of the HP J2430A Router 650 indicates replacement of the cooling module (also called the fan tray), then the non-exchange assembly part number 5063-5959 can be used with these replacement instructions. See chapter 3 in the *Installation Guide* for the HP Router 650, part number 5962-8317.

This assembly consists of the following items:

- *Replacement Instructions* (this manual, 5962-8367)
- The cooling module, consisting of four fans permanently installed in a metal frame, with a ribbon cable and fabric handle extending from the front. This module is *not* to be disassembled.

This assembly does *not* include the following items that were included with the original product. You must reserve these items from the currently installed product.

- Two 8-mm-long #M3 × .5 Torx T-10 screws
(This is the same type of screw used on the power supply and on the back panel of the router. HP part number 0515-2471)

You will need the following additional items:

- Torx T-10 screwdriver
- The *Installation Guide* for the HP Router 650 (5962-8317)

Replacement Procedure

1. Unlock the front door of the router by pulling its lock—the round post at the upper right—to the right, as shown in figure 1, and open the door to about 90°. Be careful not to open the router door more than 90°. Opening the door further could damage it.

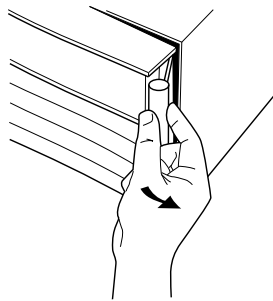


Figure 1. Opening Router Door

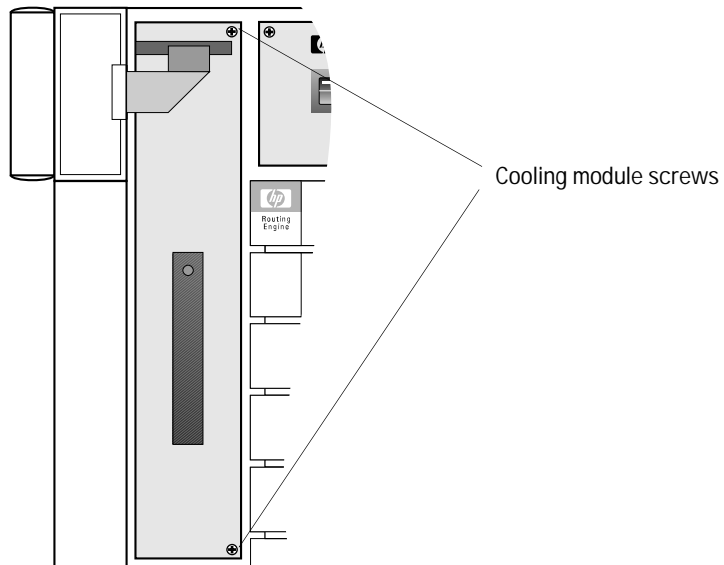


Figure 2. Cooling Module (Fan Tray)

Replacement Procedure

2. Using a Torx T-10 screwdriver, remove the screws from the upper- and lower-right corners of the cooling module, as shown in figure 2 on the previous page.
3. Holding the door open at 90°, grasp the handle on the cooling module and pull it out about 1 inch. Pull the white tab to disconnect the ribbon cable from its connector inside the door. See figure 3.

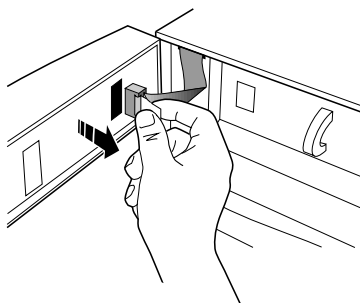


Figure 3. Disconnecting Cable

Note

While removing the cooling module from its compartment in the next step, ensure that the cooling module housing does not catch on the three screws on the inside of the router door.

4. Holding the door open at 90°, grasp the handle of the cooling module and remove it from its compartment.

Note

In the next step, be sure that the cooling module is perfectly vertical and is perfectly parallel to the router. If the module is tilted, you might not be able to insert it further into the module housing.

5. Holding the door open at 90°, place the new cooling module at the front of its housing, and then carefully push it back into the housing until the mounting ears for the screws are about 1 inch from the holes in the router chassis. You may need to wiggle the cooling module and/or adjust its position so that it slides in properly.

Replacement Procedure

6. Reconnect the cable that you disconnected in step 3 (see figure 3). Press the connector in place with your finger.
7. Holding the door open at 90°, continue sliding the cooling module back until the mounting ears for the screws are flush against the holes in the router chassis.
8. Insert and tighten the screws you removed in step 2.
9. Close and lock the router door.
10. Check the Fan LED to verify that the fan problem has been resolved. For further information, see the *Installation Guide* for the HP Router 650, particularly the description of the module status LEDs in chapter 2 and the tables for “Interpreting LED Error Patterns” in chapter 3.





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