



HP Pavilion dv4000 Heat Sink Replacement

This guide shows how to remove the heat sink to clean or replace it. While the heat sink is removed, thermal paste can also be reapplied to help it work.

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INTRODUCTION

The heat sink draws heat away from the computer to cool it. The heat sink can often become dirty or need a new application of thermal paste to function properly.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [T6 Torx Screwdriver](#) (1)

Step 1 — Battery



- Turn the laptop upside down with the battery compartment facing you.

Step 2



- Slide the battery release latch to the right and hold in place.

Step 3



- Lift the front edge of the battery up and remove it from the compartment.

Step 4 — Heat Sink



- Position laptop with heat sink compartment facing you.
- Locate the one 2x5 mm Torx screw.

Step 5



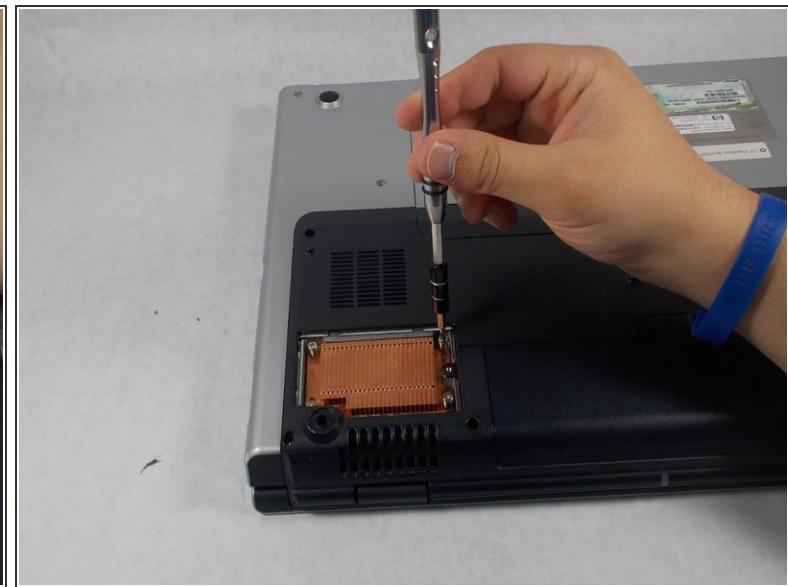
- Remove the one 2x5 mm Torx screw securing the thermal cover with a #6 Torx screwdriver.

Step 6



- Lift thermal cover to reveal heat sink.
- Remove and set aside thermal cover.

Step 7



- Locate the four screws on each corner of heat sink.
- Unscrew the four 2x12 mm screws with a #00 Phillips screwdriver.

Step 8



- Grab sides of heat sink and carefully lift from compartment.
- ⓘ Due to adhesive bonding of heat sink to base, wiggling it side to side before lifting might help removal process.

Step 9



➡ To reapply thermal paste, check out iFixit's guide [here](#).

To reassemble your device, follow these instructions in reverse order.