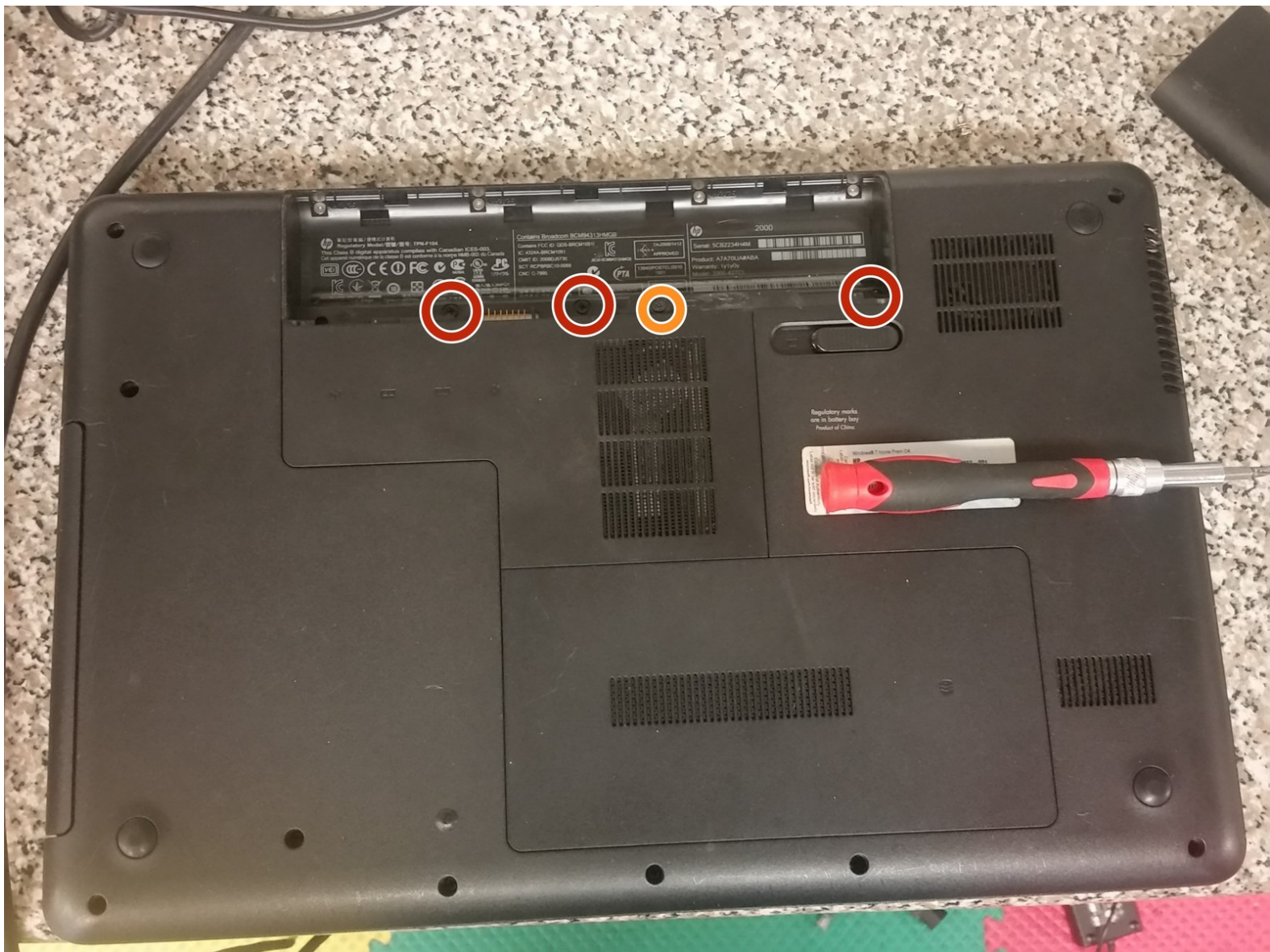




# HP 2000-427CL CPU Cooler Replacement

This guide teaches you how to replace the CPU Cooler in an HP 2000-427CL laptop.

Written By: Joseph Sctbunio



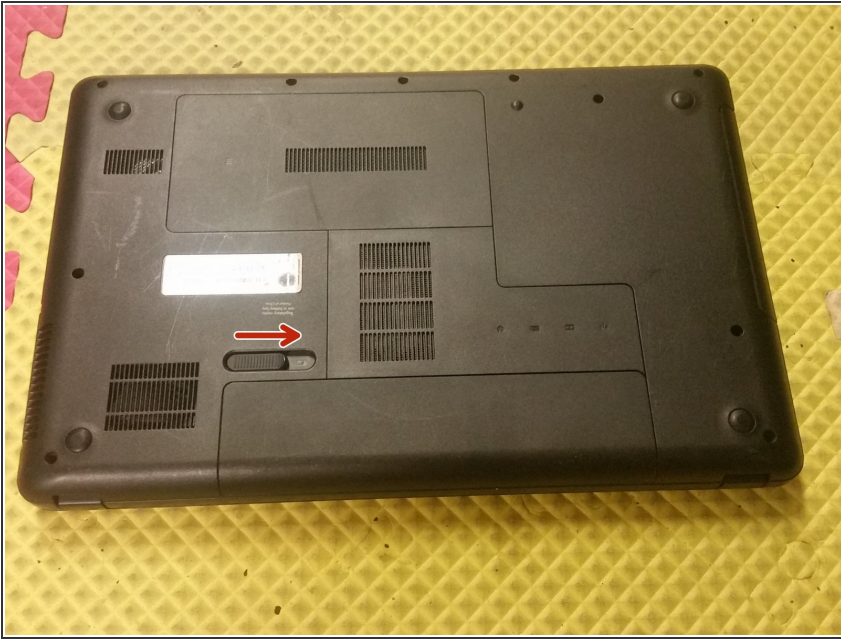
**TOOLS:**

- [Phillips #1 Screwdriver](#) (1)

**PARTS:**

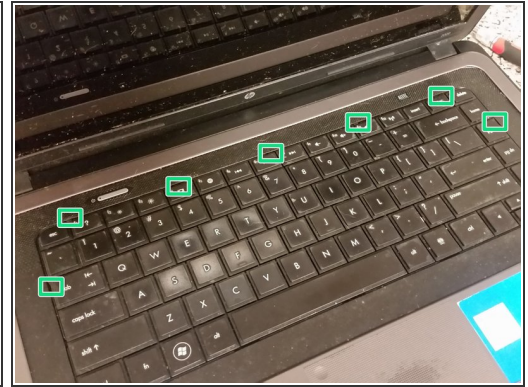
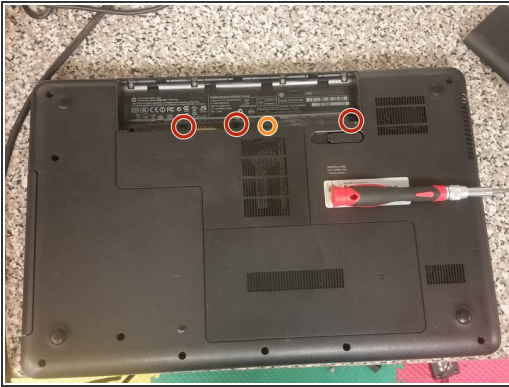
- [Thermal Paste](#) (1)

## Step 1 — Remove battery



- With the battery facing towards you, slide the latch to the right.
- Grab the battery as it lifts out of the laptop.

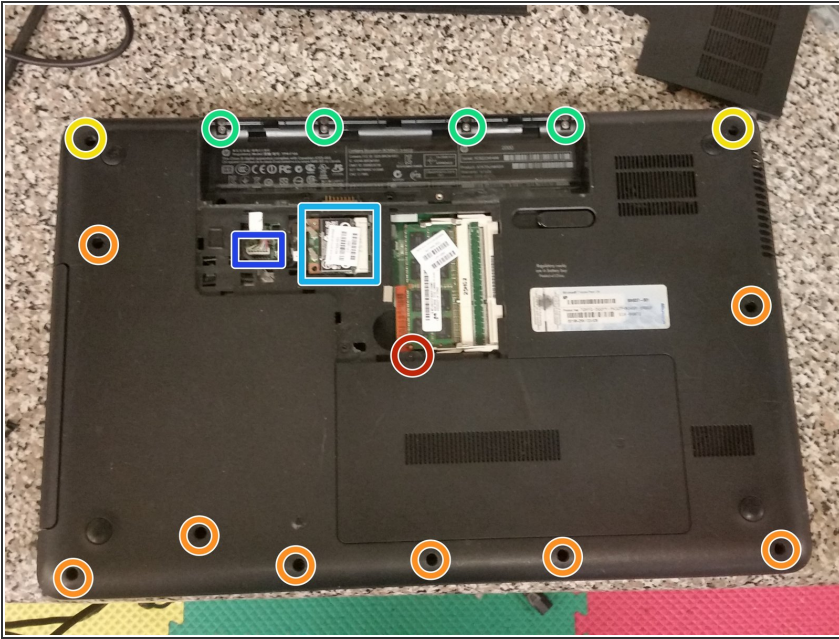
## Step 2 — Remove keyboard



- Remove the three M2.5x5 Philips screws securing the keyboard.
- Remove the memory cover.
- Remove the single remaining M2.5x5 Philips screw securing the keyboard.
- Flip the laptop right side-up, and open the screen.
- Pop each keyboard clip with a spudger, pulling up on the keyboard as you do it. Try not to pry, but rather move the clips, or else you risk damaging the palmrest.
- Undo the keyboard connector clip, and remove the cable.
- Remove the single screw that was hidden under the keyboard.
- Also undo every other visible connector, that being the power button, touchpad, and touchpad button connectors.

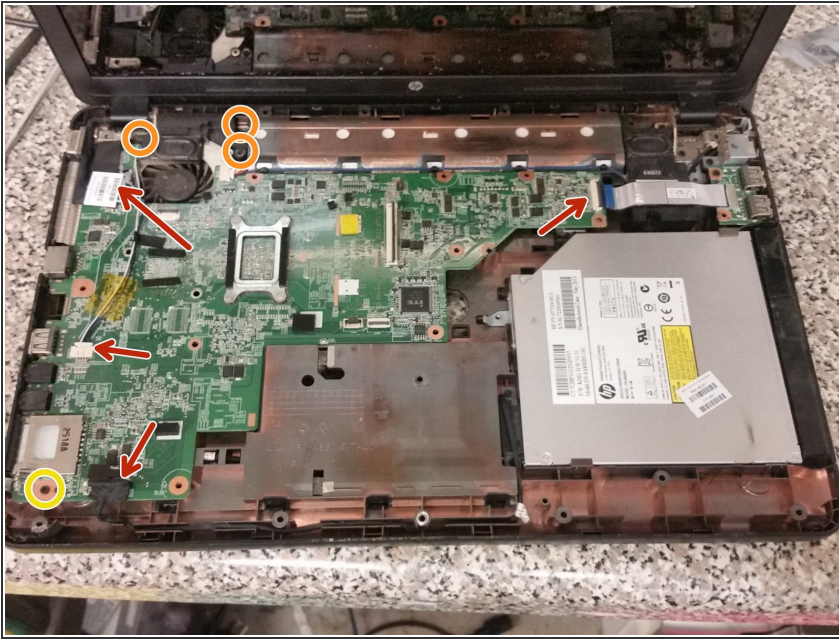


## Step 3 — Remove palmrest



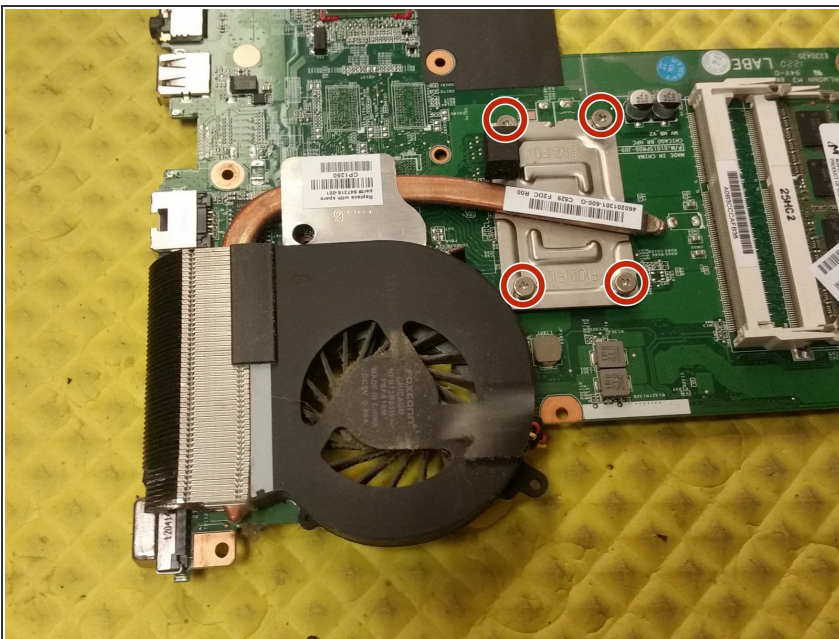
- Remove the hard drive cover, and then remove the three screws hidden underneath it.
- Remove the hard drive, and remove the single hidden M2.5x5 screw under it. Also remove the connector that connects the SATA connector (so many connections!) to the motherboard.
- Remove the eight M2.5x5 Philips screws securing the palmrest.
- Remove the two long Philips screws securing the palmrest.
- Remove the four remaining Philips screws securing the palmrest.
- Remove the wireless card.
- Also remove the DC jack connector.

## Step 4 — Remove motherboard



- Remove all connectors from the motherboard.
- Remove the three M2.5x5 screws from the left speaker, and remove the speaker.
- After removing the speaker, remove the single screw securing the left hinge to the base.
- Remove the single screw securing the motherboard to the base.
- Lift the motherboard up and out.

## Step 5 — Remove cooler



- Remove the four captive Philips screws securing the cooler to the motherboard. You're done!
- ☑ Be sure to use alcohol to clean the thermal paste, and then apply new thermal paste.

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