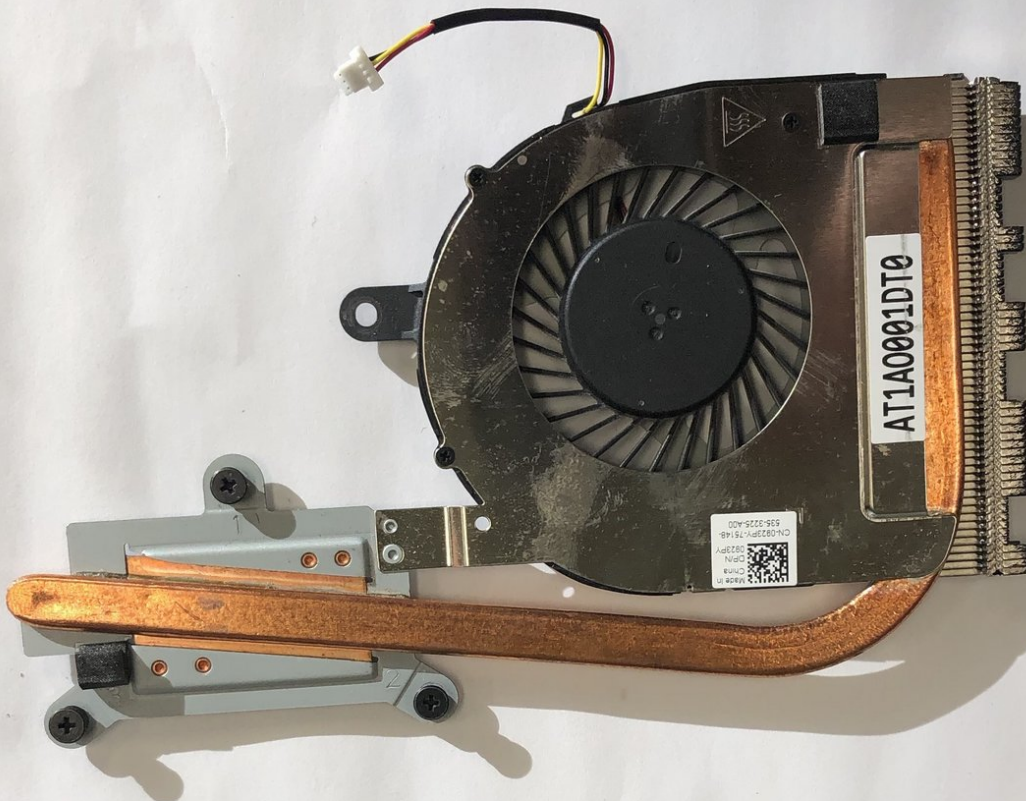




Dell Inspiron 5758 Heatsink and Fan Replacement

This is a guide for replacing the heatsink and fan of a Dell Inspiron 5758.

Written By: Blase Martin



INTRODUCTION

This is a guide for replacing the heatsink and fan of a Dell Inspiron 5758. Be sure that you have all the necessary tools and replacement parts before starting the guide.



TOOLS:

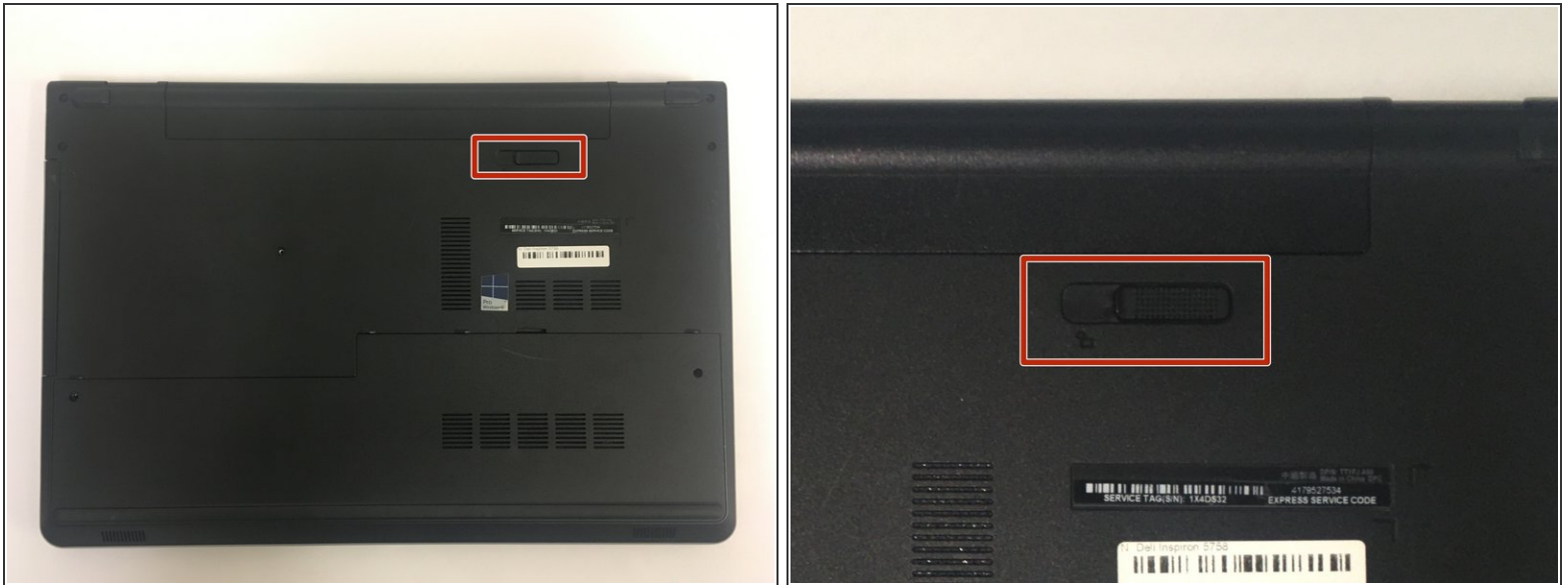
- [Metal Spudger](#) (1)
- [JIS #000 Screwdriver](#) (1)
- [JIS #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)



PARTS:

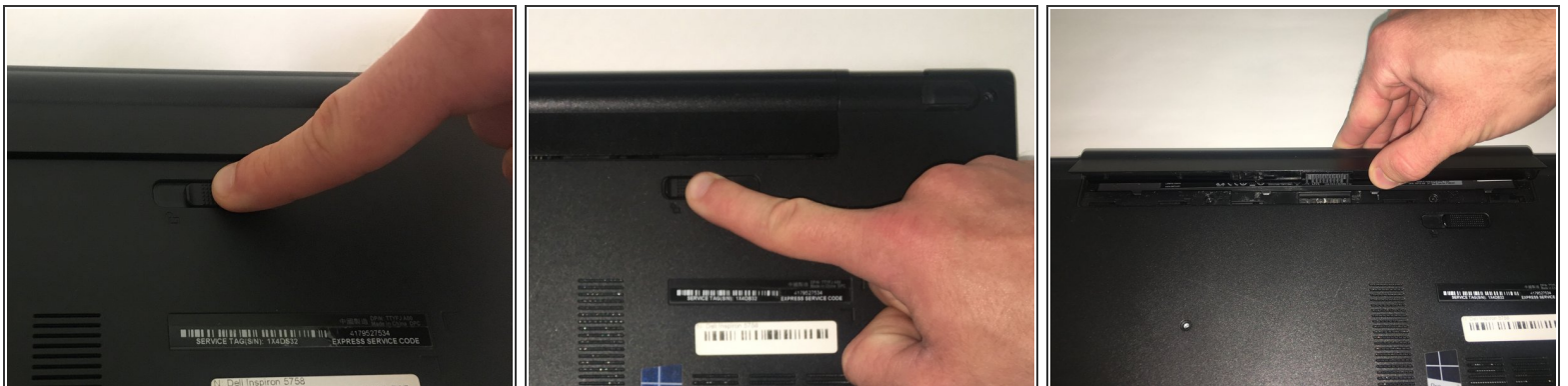
- [Dell Inspiron 17 5758 CPU Heatsink and Fan for Integrated Intel Graphics](#) (1)

Step 1 — Battery



- Flip the laptop with the serial number facing up. You should be able to see the battery release switch.

Step 2



- Slide the battery release switch towards the unlock icon.
 - ❗ You should hear a click.
- Lift and pull the ejected battery to remove it.

Step 3 — DC Jack



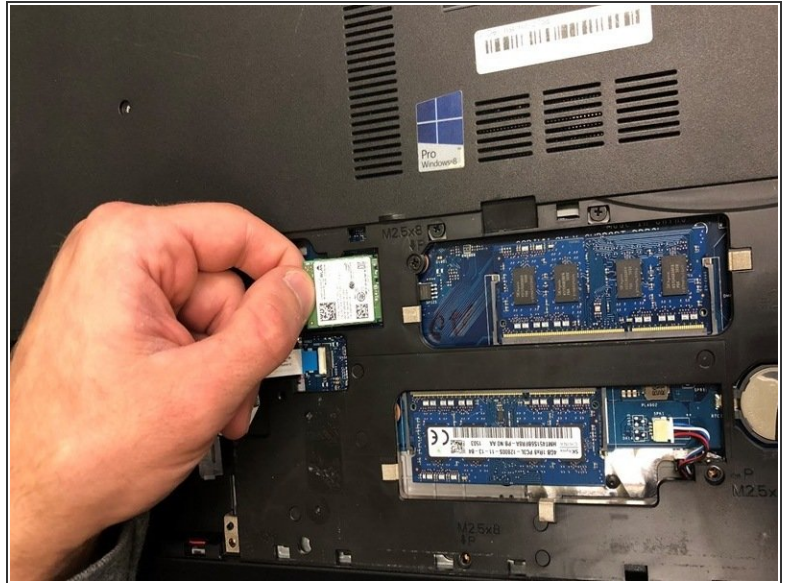
- Remove the one 3mm optical drive screw.
- Remove the two 8 mm screws.
- Pry up and remove the access door.

Step 4



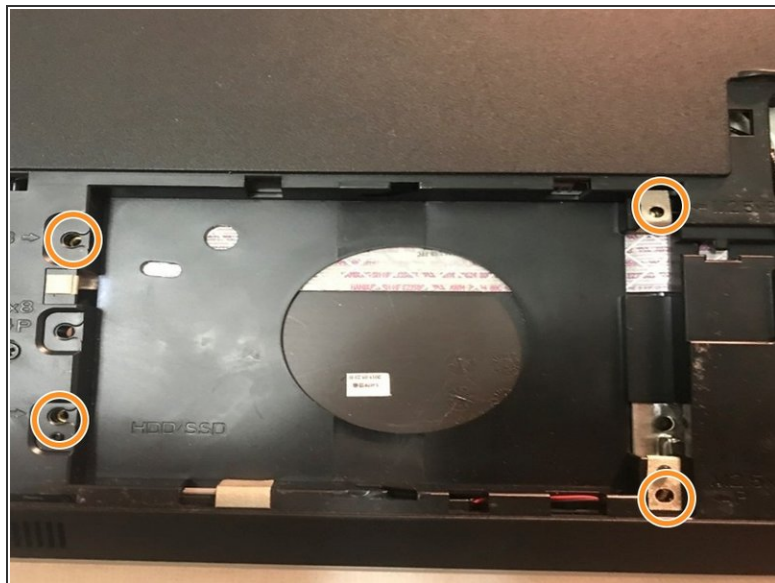
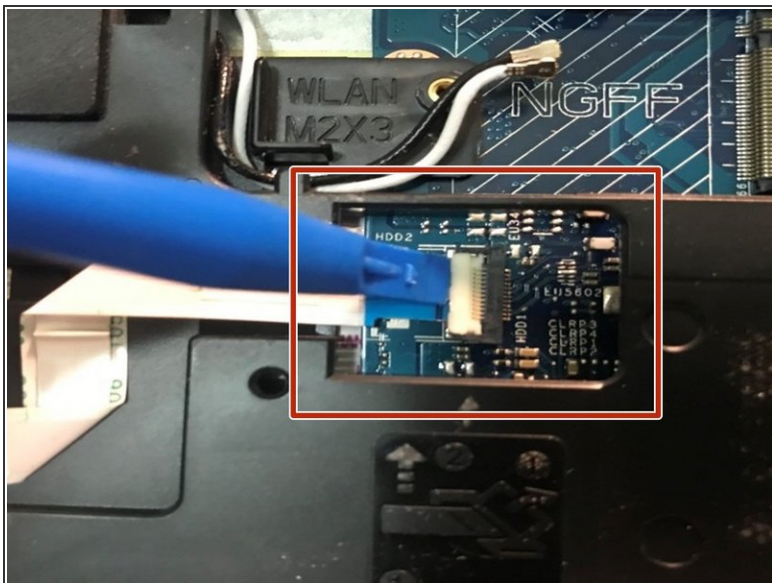
- Remove the one 3 mm screw.
- Remove the bracket.

Step 5



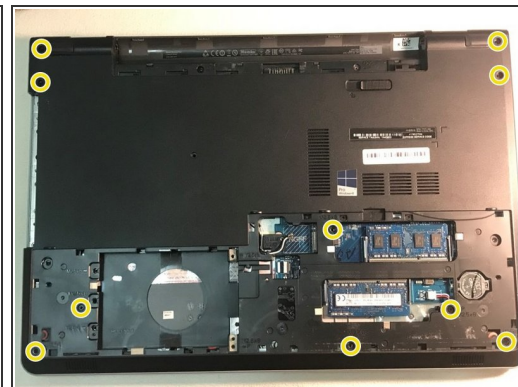
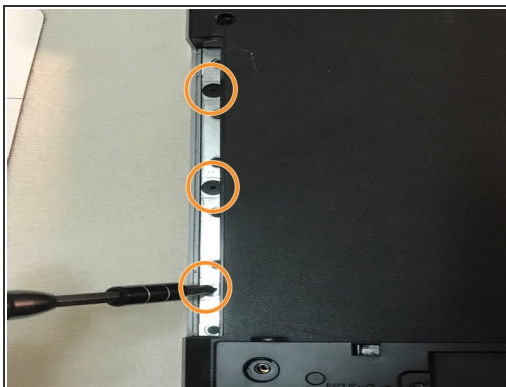
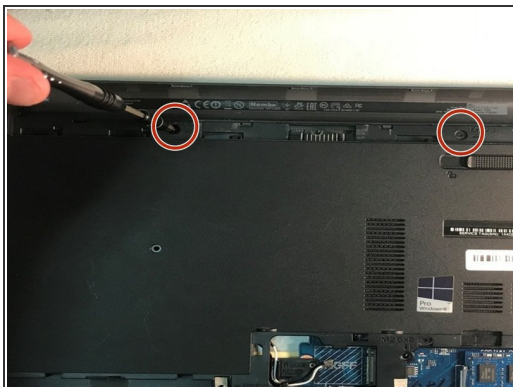
- Unplug the antenna cables.
- Remove the Wireless Card.

Step 6



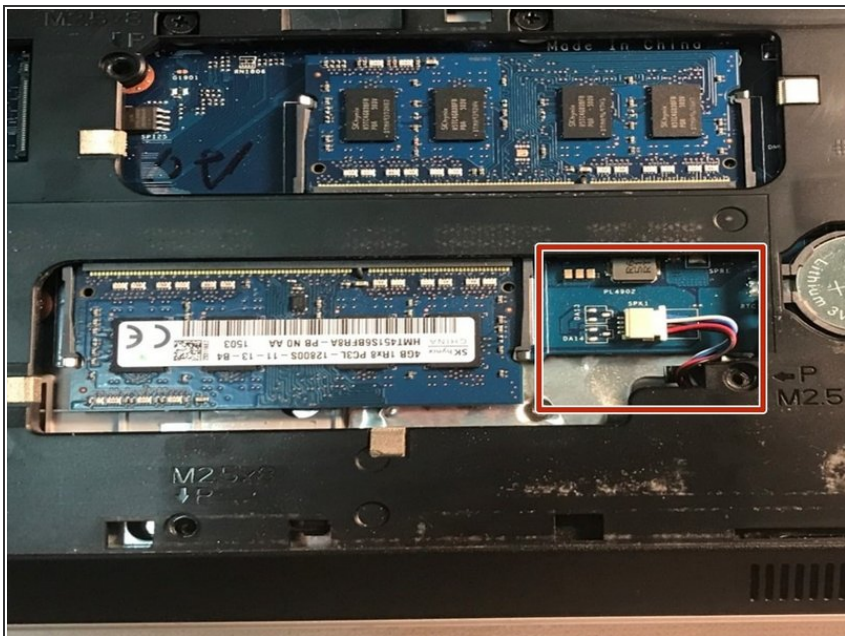
- Unplug the hard drive cable.
 - Use a plastic opening tool or your fingernail to pop the tab of the cable connector. Then you will be able to disconnect the cable.
- Remove the four 8 mm screws.
- Remove the hard drive.

Step 7



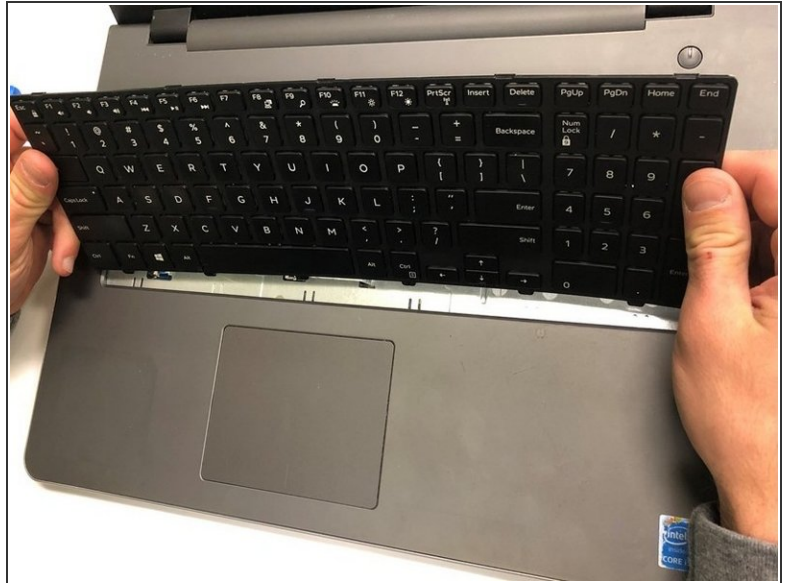
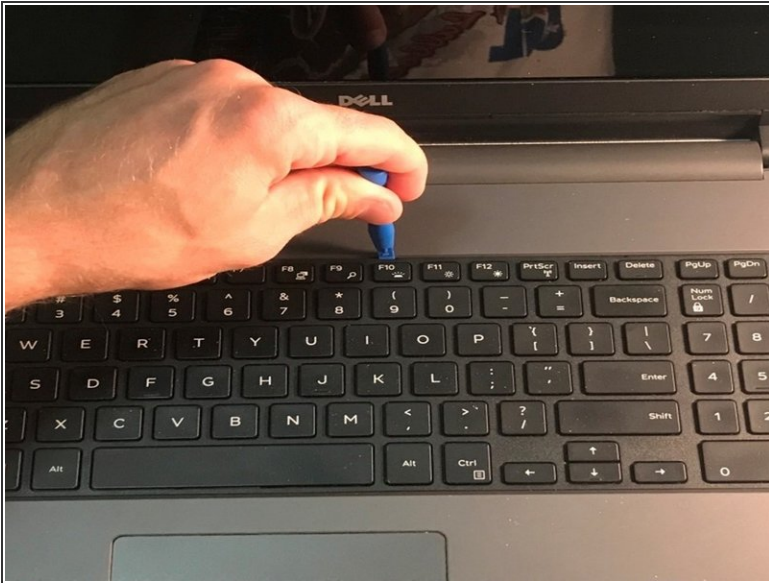
- Remove the two 3 mm screws under the battery.
- Remove the three 2 mm wafer screws under the optical drive.
- Remove the ten 8 mm base screws.

Step 8



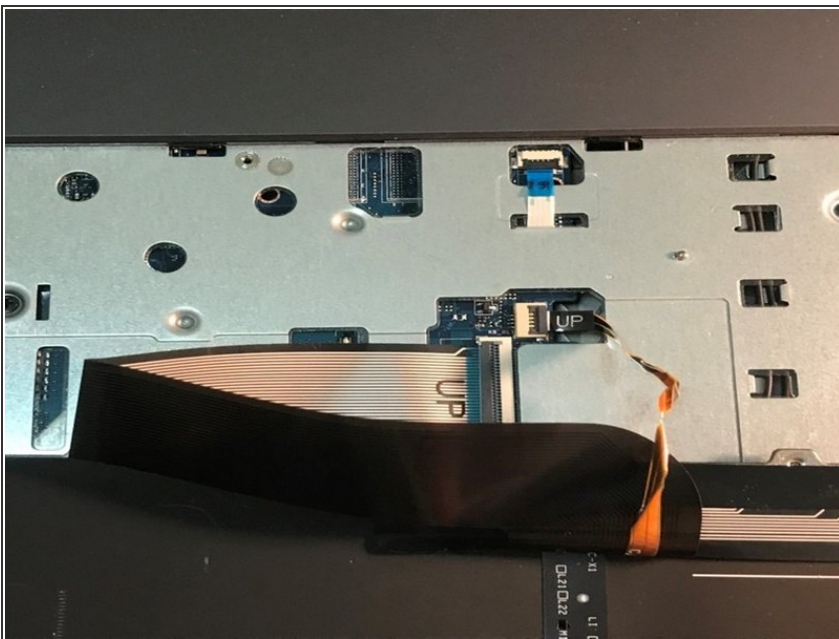
- Unplug the speaker cable by sliding to the right.

Step 9



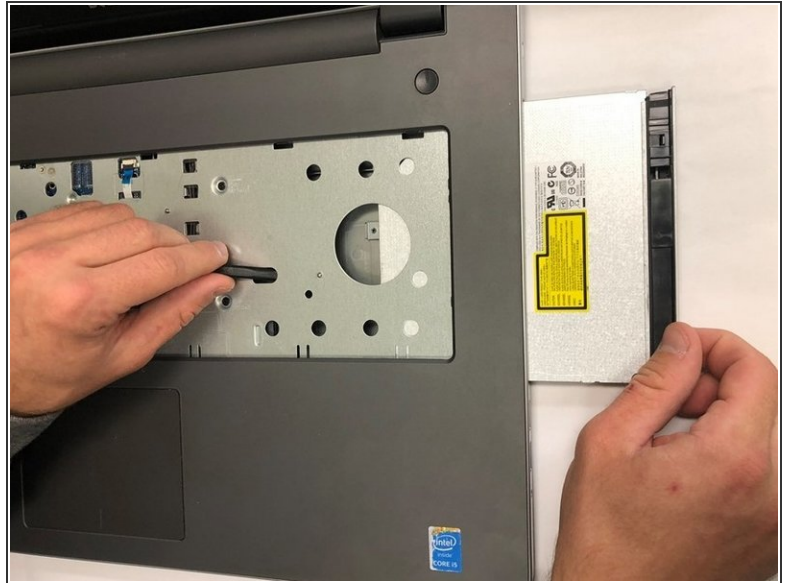
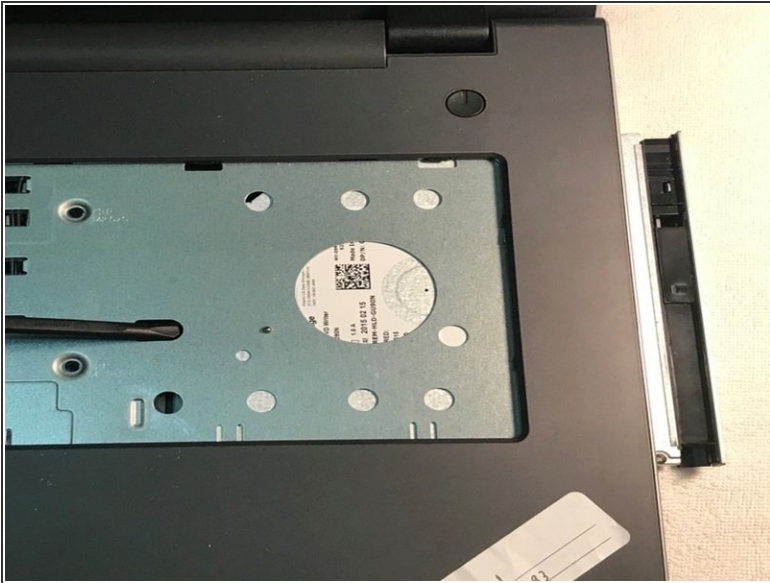
- Press in the tabs to loosen the keyboard.
- Carefully lift the keyboard up and turn it over.

Step 10



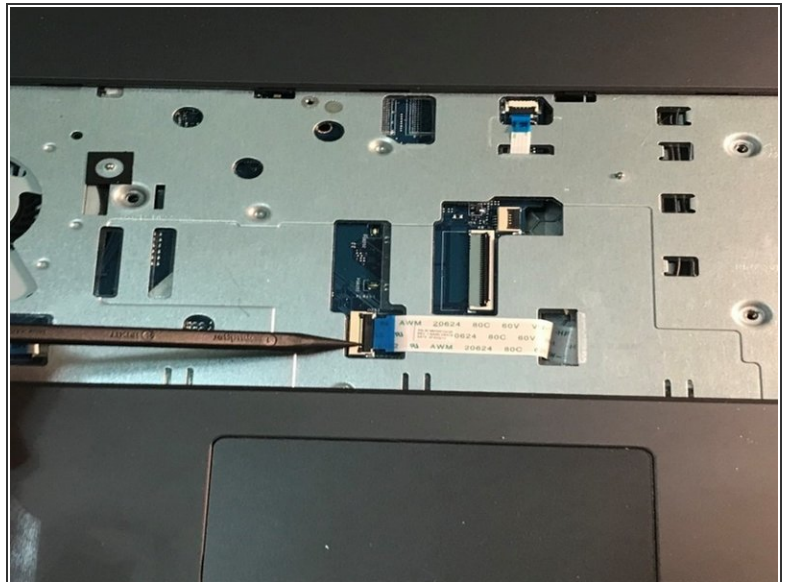
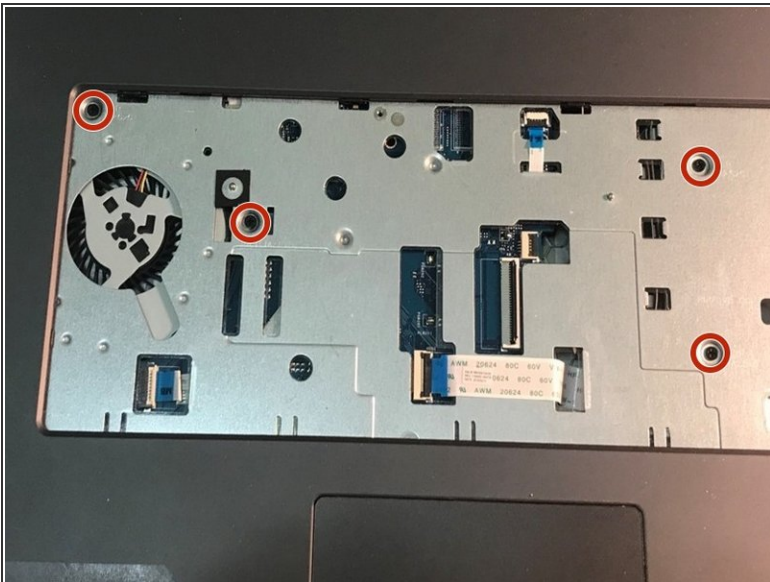
- Unplug the keyboard cable & remove the keyboard.

Step 11



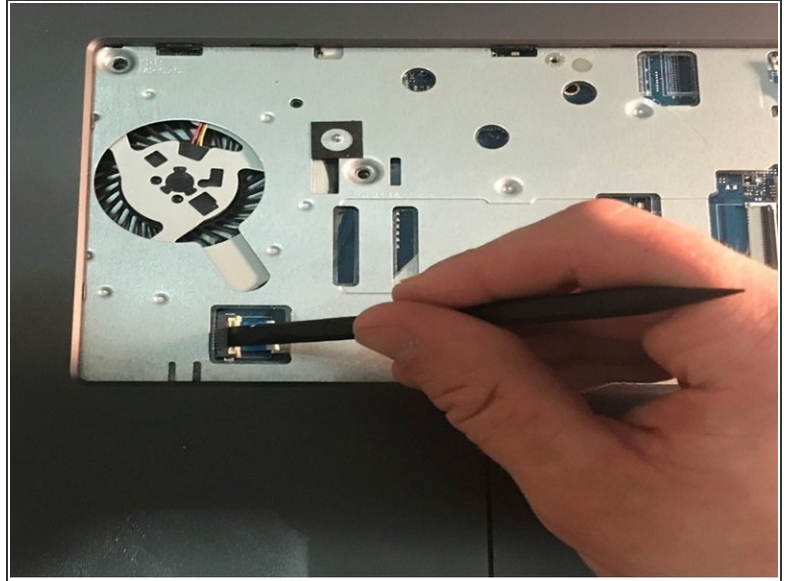
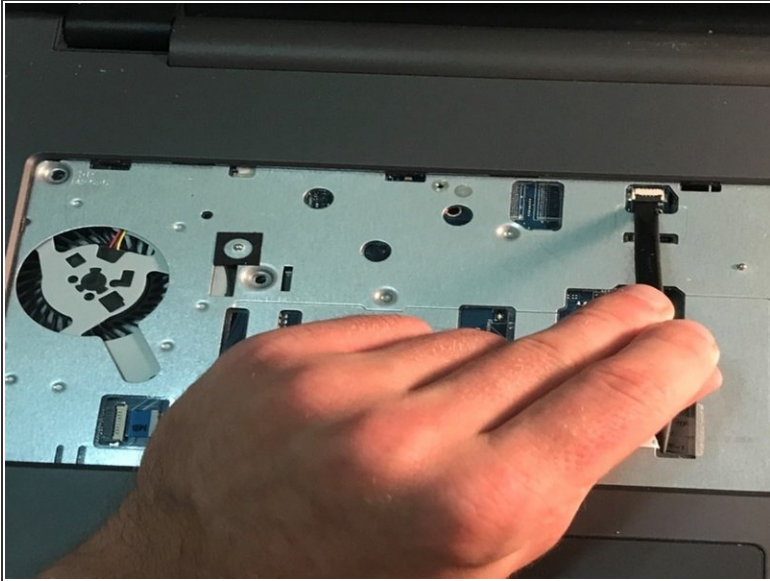
- Slide the DVD optical drive over & remove it from the laptop.

Step 12



- Remove the four 5 mm screws.
- Unplug the optical drive interposer cable.

Step 13



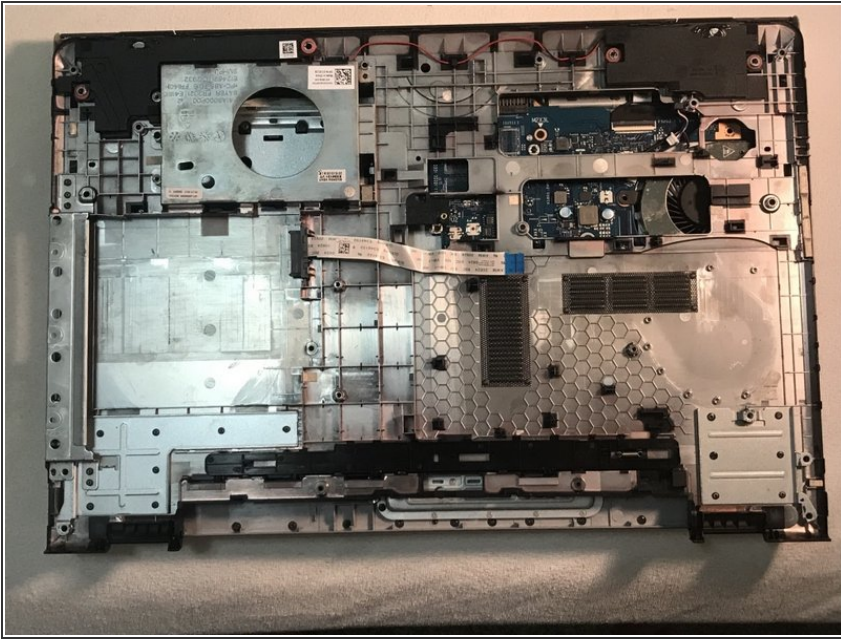
- Unplug the power button cable.
- Unplug the touchpad cable.

Step 14



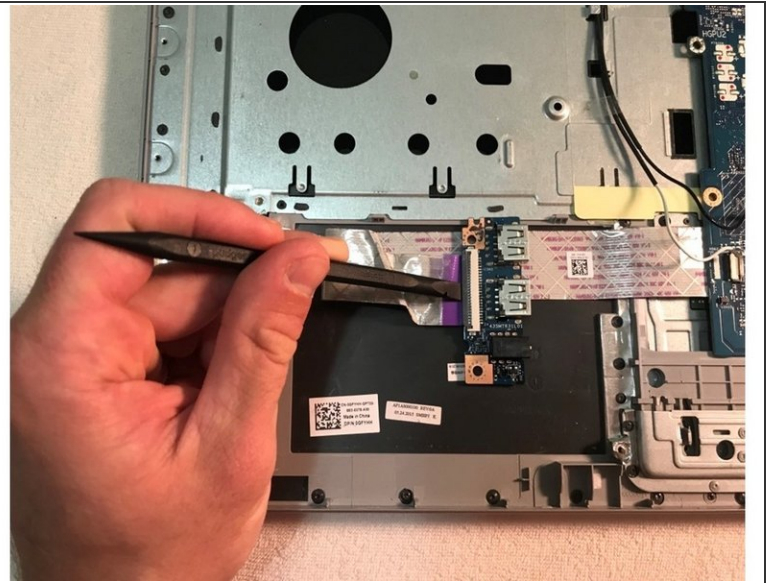
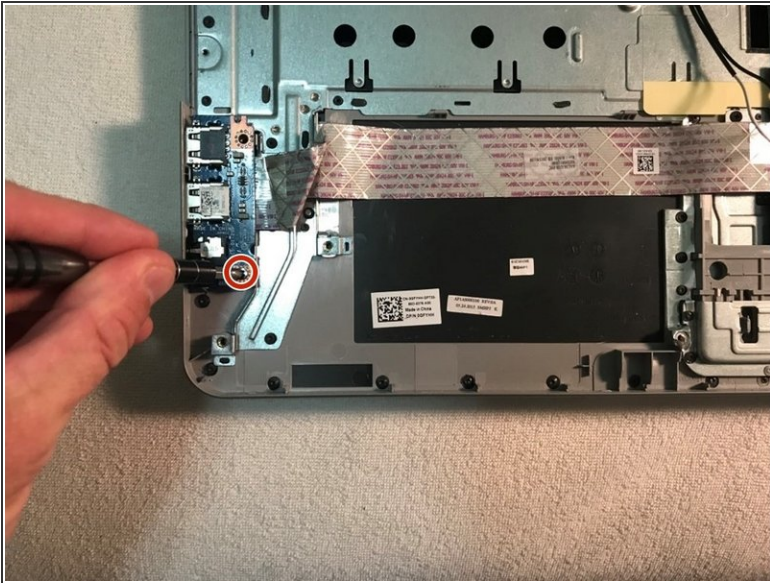
- Carefully pry off & loosen the bottom base.

Step 15



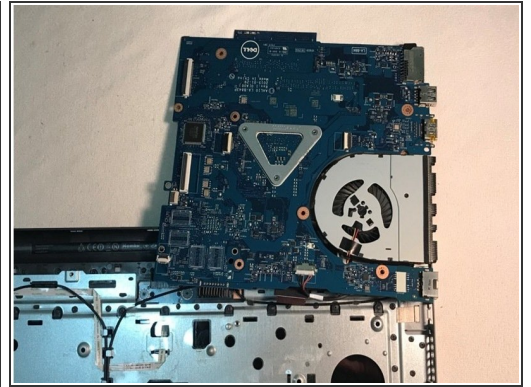
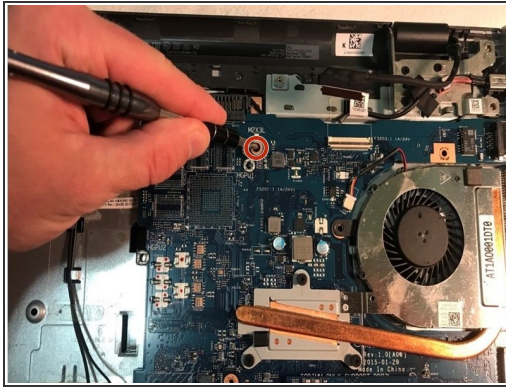
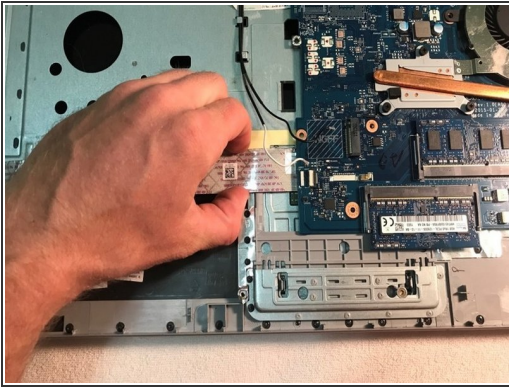
- Remove the bottom base.

Step 16



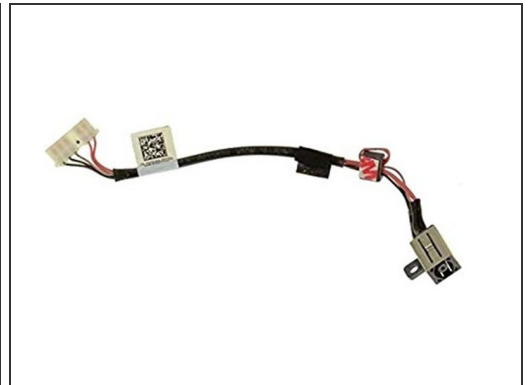
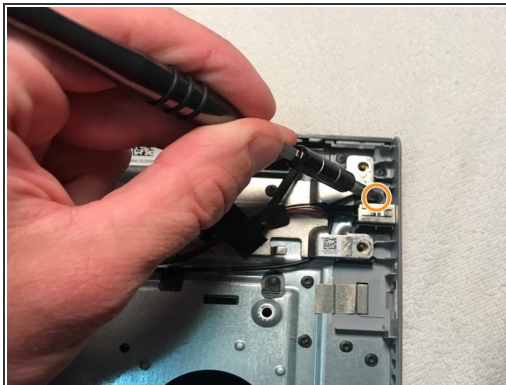
- Remove the one 5mm screw.
- Lift the circuit board & turn it over.
- Unplug the cable.
- Remove the audio/USB circuit board.

Step 17



- Loosen the audio / USB cable.
- Remove the one 3mm motherboard screw.
- Lift the motherboard & carefully move it out of the way.

Step 18



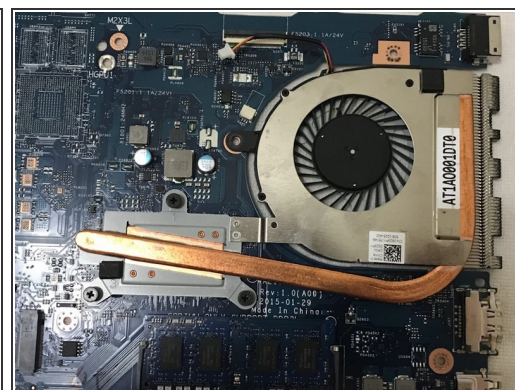
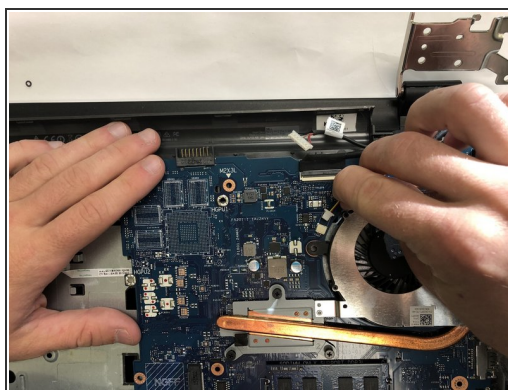
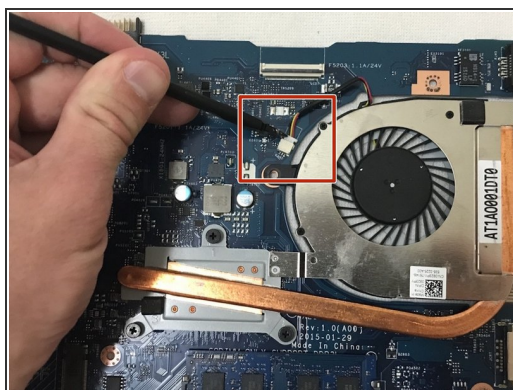
- Unplug the DC jack cable.
- Remove the one 3mm screw.
- Remove the DC Jack.

Step 19 — Heatsink and Fan



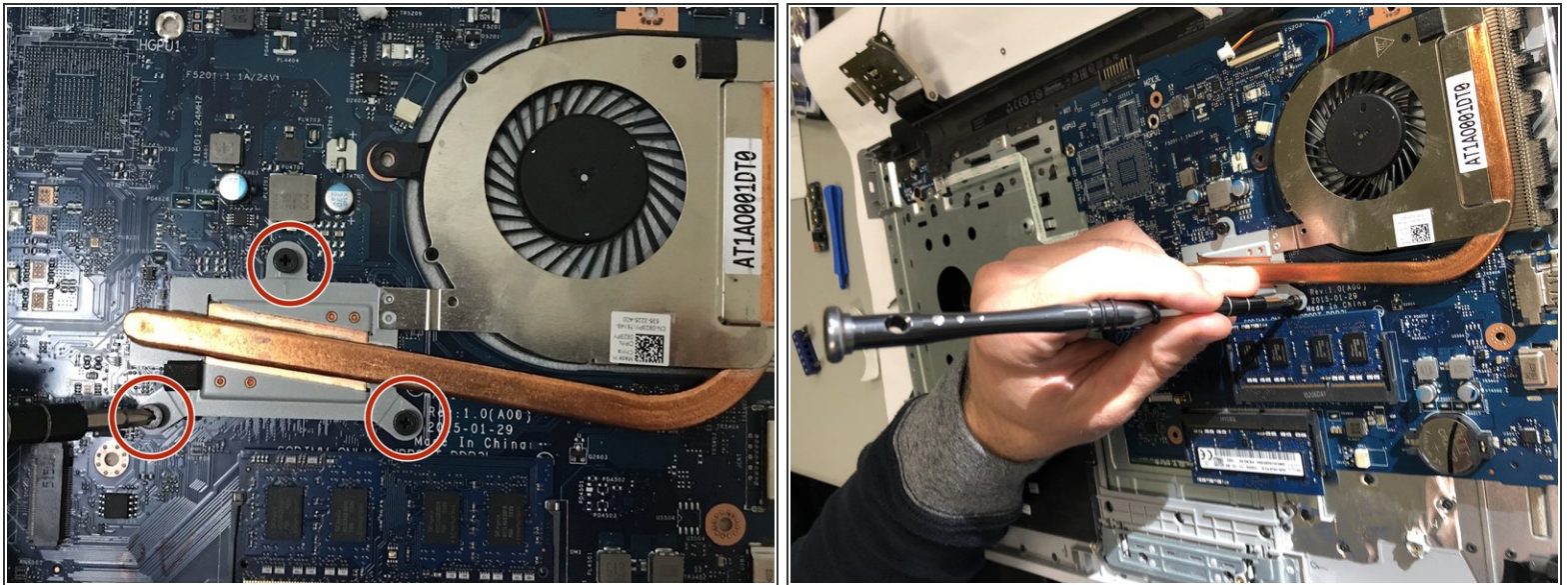
- After removing the bottom base, you can access the heatsink and fan, which is attached to the motherboard.

Step 20



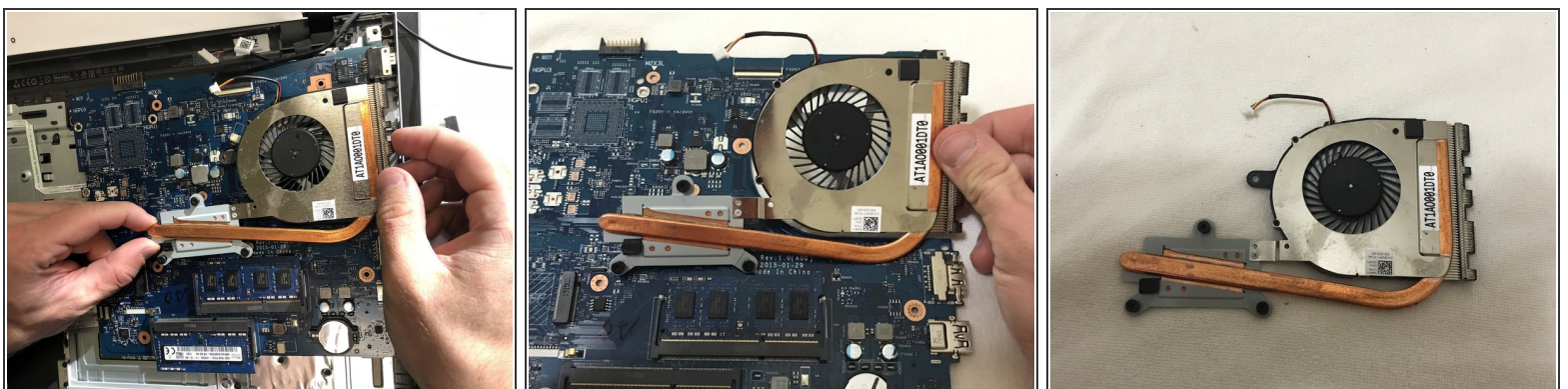
- Unplug the cable that connects the heatsink and fan to the motherboard.

Step 21



- Loosen the three 5mm screws that connect the heatsink and fan to the motherboard.
- ⓘ The screws stay attached to the heatsink and fan. You cannot pull them out, only loosen them.

Step 22



- Remove the heatsink and fan from the motherboard. You can now clean or replace it as you see fit.

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