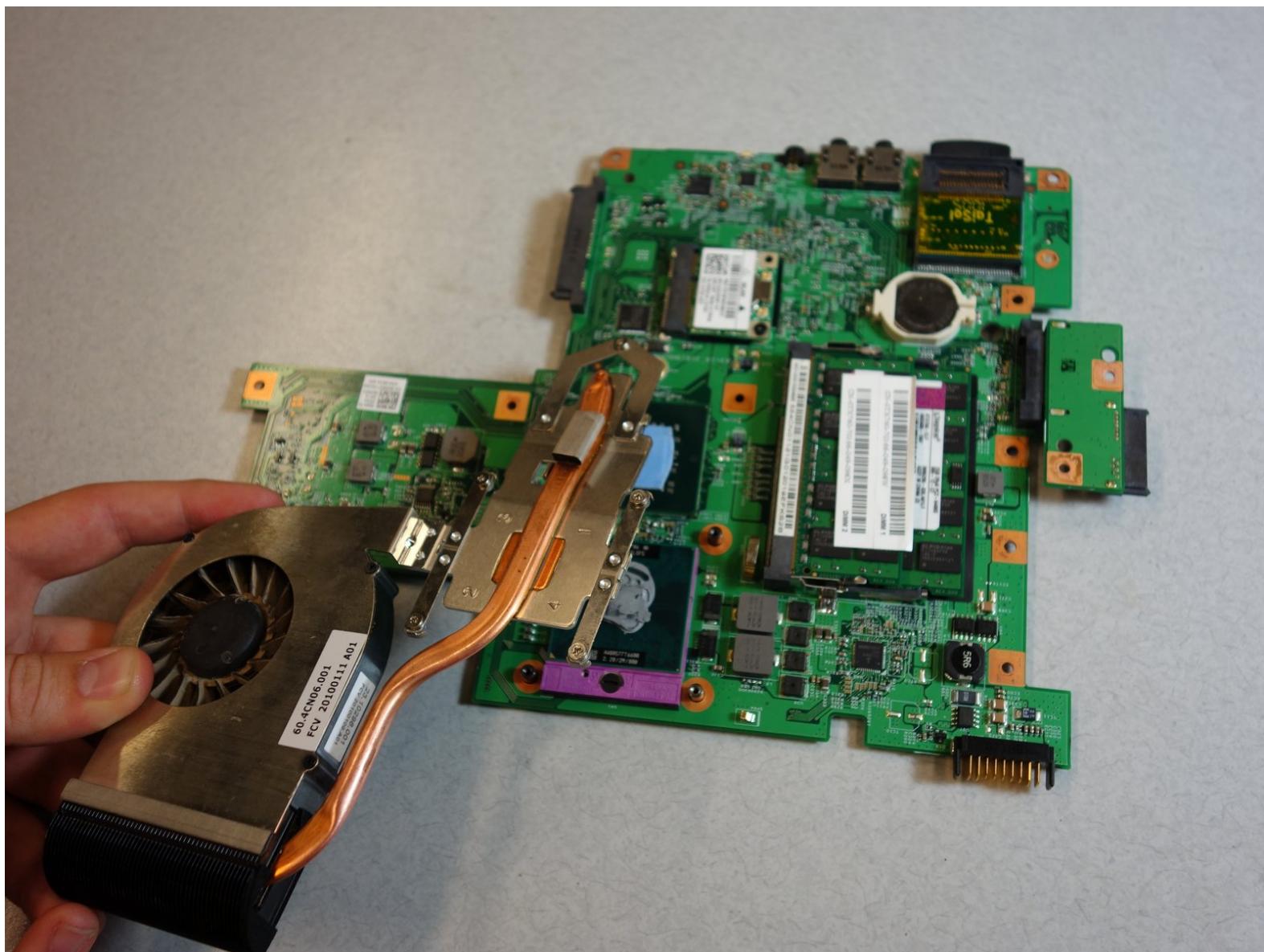




Dell Inspiron 1750 Internal Fan Replacement

This guide will show you how to replace the internal fan of your Inspiron 1750.

Written By: Tina Rickard



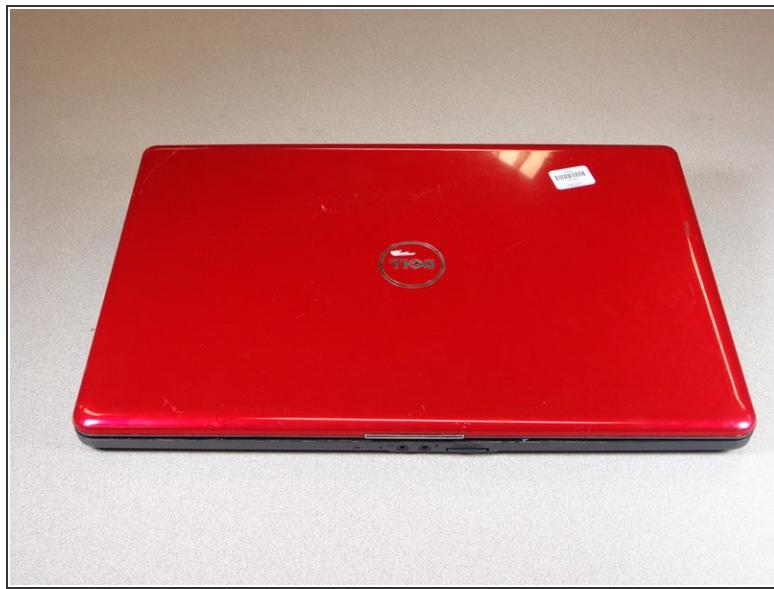
INTRODUCTION

It is useful to replace or clean your fan if your laptop crashes due to overheating or is abnormally hot.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)

Step 1 — Battery



 Unplug the laptop before changing the battery to avoid electric shock.

- Place the laptop on a flat stable surface.
- Flip the laptop over so the underside is visible.

Step 2



- Locate the battery lock switch.
- Slide the lock switch to the left (away from the lock symbol).
- Slide the battery out away from the laptop.

Step 3 — Dell Inspiron 1750 Teardown



(i) Separate the screws by size and head type. Be sure to keep them in a safe place.

- Remove the sixteen 2mm Phillips #00 screws from the bottom of the laptop.
- Remove the two 2mm Phillips #0 screws from the hard drive port.

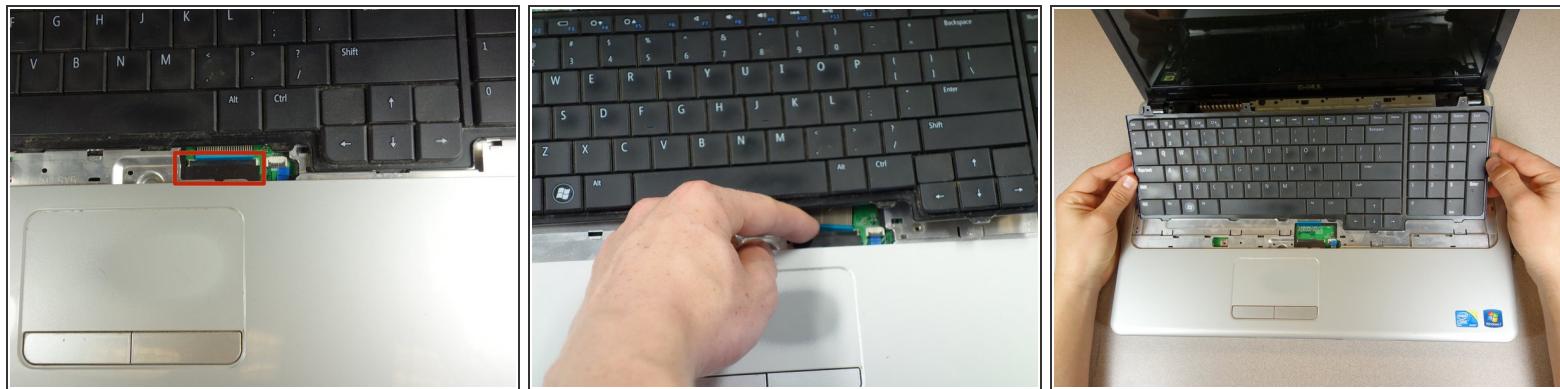
Step 4



! Keep your hand pressed firmly on the back panel to prevent it from falling.

- Flip the laptop over horizontally and open up the lid.
- Insert the tip of the plastic opening tool into the upper left corner of the panel.
- Keeping its tip under the top panel, slide the plastic opening tool around the panel until the panel is completely loose. Next gently remove the panel.
- Remove the four 2mm Phillips #0 screws at the top of the keyboard.
- Slide the plastic opening tool around the keyboard until the keyboard is completely loose. Gently remove the keyboard.

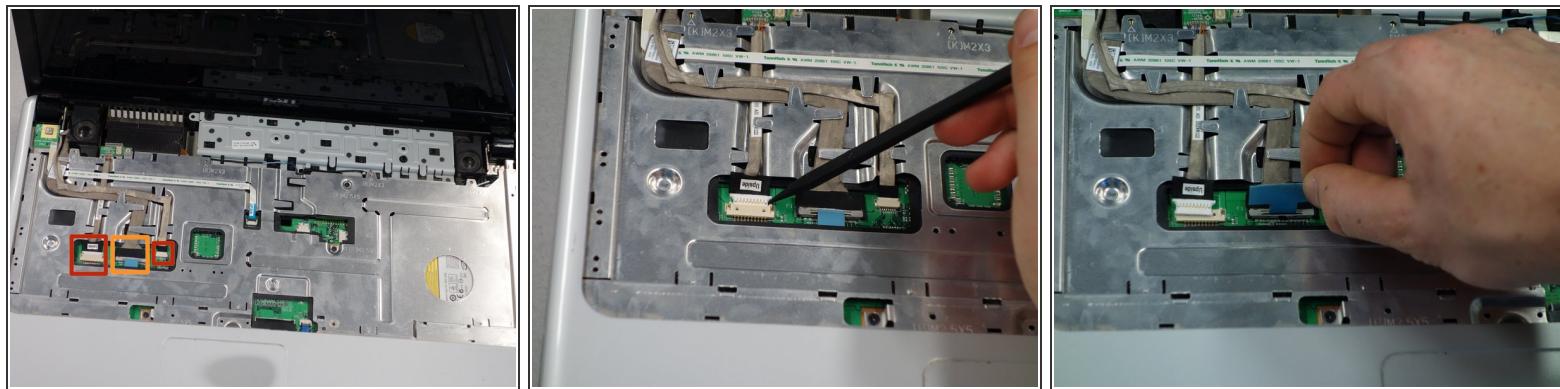
Step 5



⚠ Do not lift the keyboard completely free to avoid damaging its connections to the laptop interior.

- Locate the small black latch attached to blue tape.
- Lift the small latch with your finger and pull the blue tape from its port.
- Slide the keyboard away from the mousepad and set it aside.

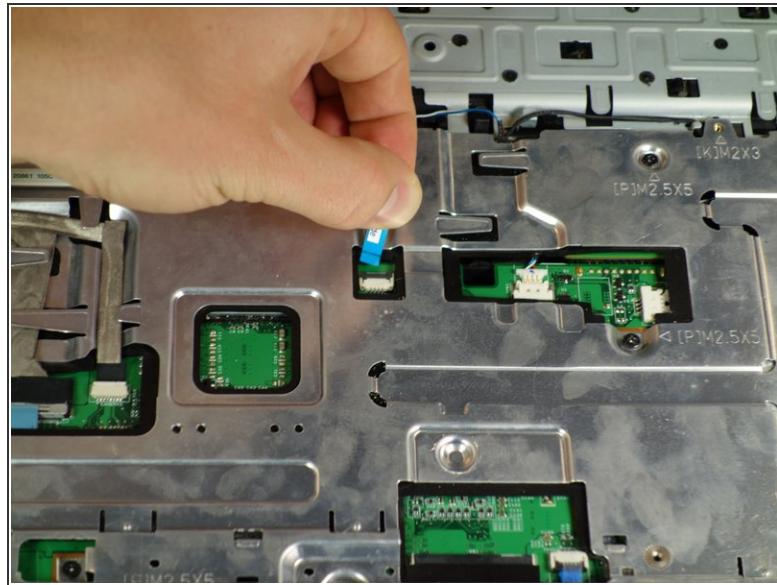
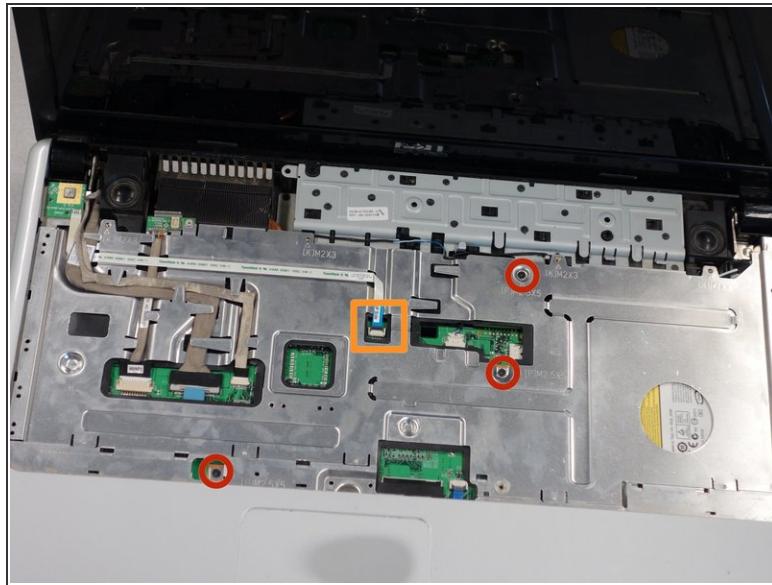
Step 6



⚠ Always pull wires from their plastic ends, not their cables, to avoid wire damage.

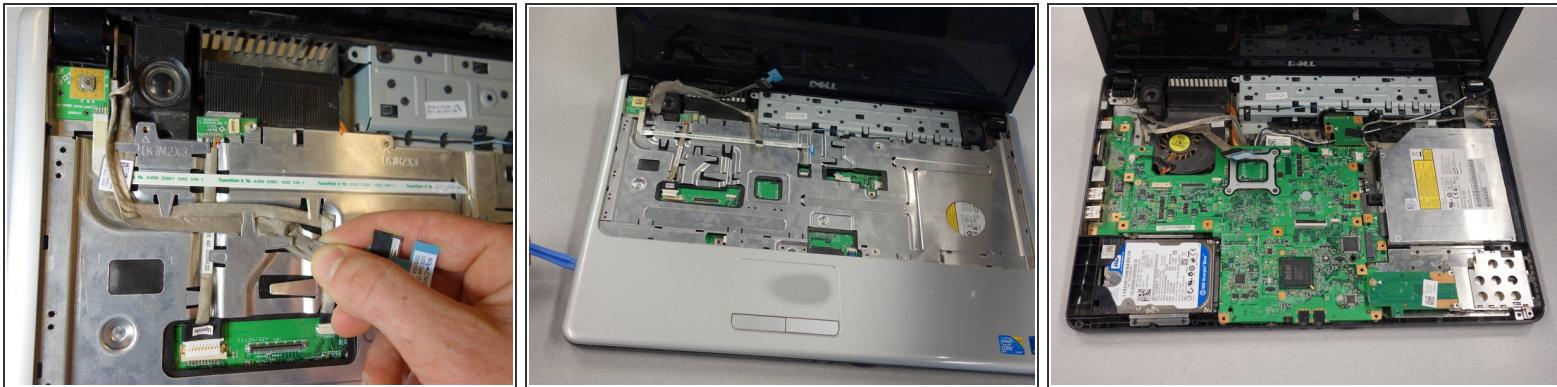
- Locate the three wires in the top left corner of the metal panel.
- Use the spudger to push the two cables out of their ports.
- Pull the blue tab directly up to remove middle wire.

Step 7



- Remove the three 1mm Phillips #00 screws on the metal plate.
- Lift the black cover and slide the blue tab away from the cover.

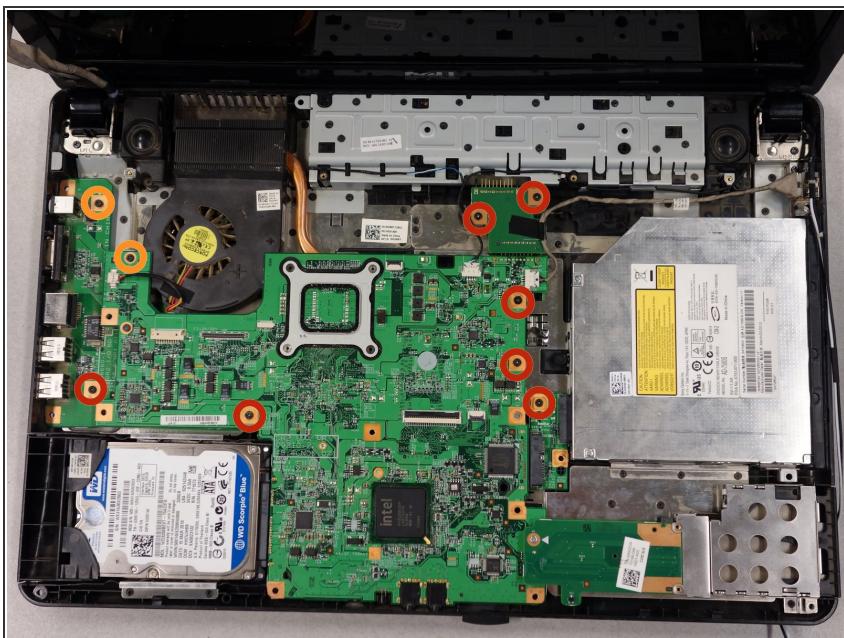
Step 8



 Always pull wires from their plastic ends, not their cables, to avoid wire damage.

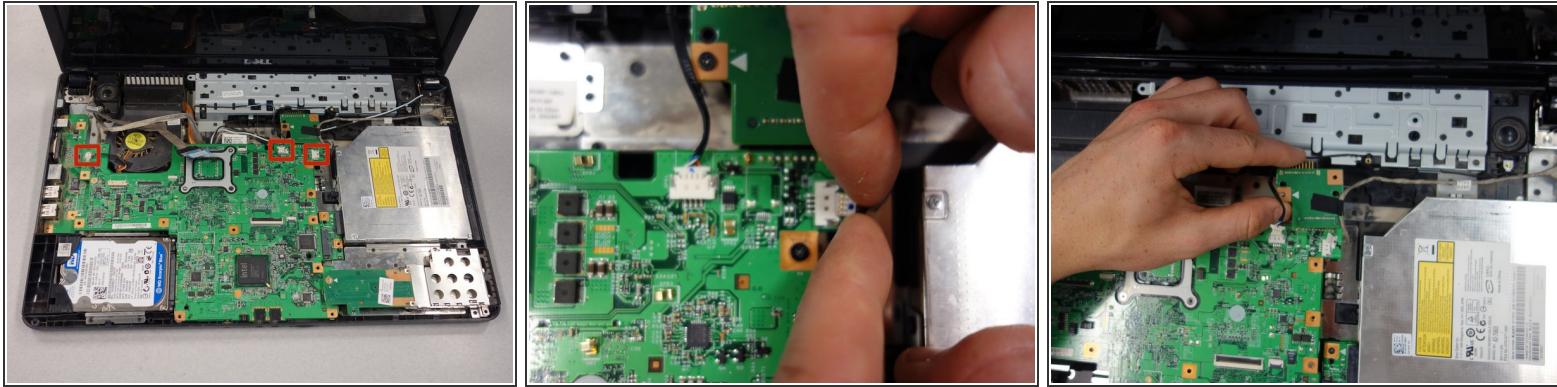
- Gently remove the three grey wires from the metal tabs.
- Insert the tip of the plastic opening tool into the bottom left corner of the panel.
- Keeping its tip under the top panel, slide the plastic opening tool around the panel until the panel is completely loose.
- Gently lift off the top metal panel.

Step 9 — Internal Fan



- Remove the seven 2mm Phillips #0 screws.
- Remove the two 2mm Phillips #00 screws.

Step 10



- Pull the three connections away from their ports using both fingers.
- Remove the battery connection chip from the motherboard.

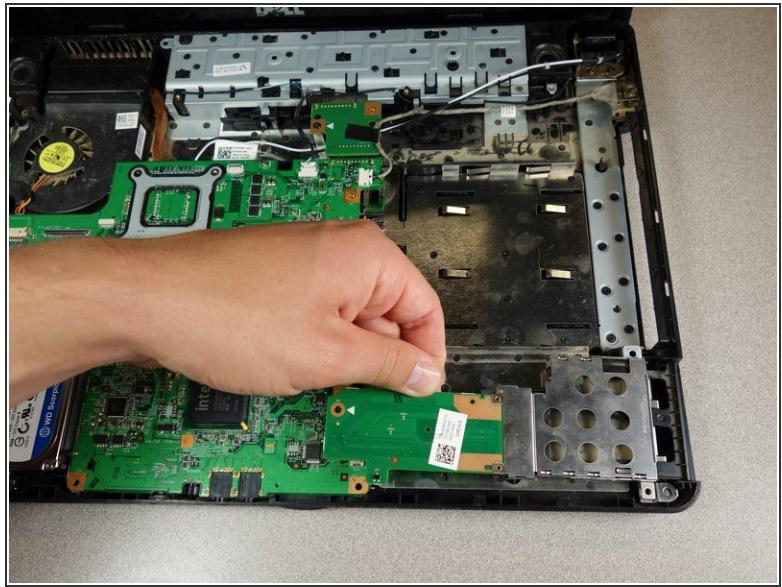
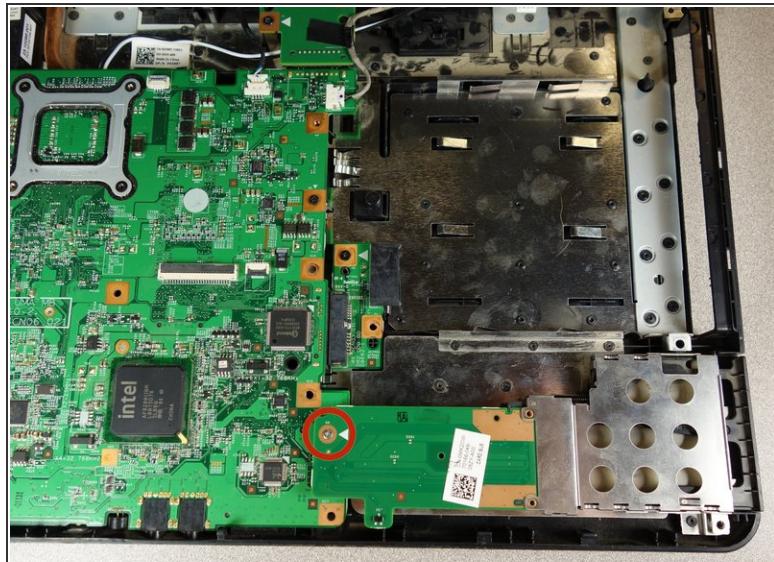
Step 11



- Slide the hard drive out away from the laptop until it is free from the motherboard
- Repeat this process for the disk drive.

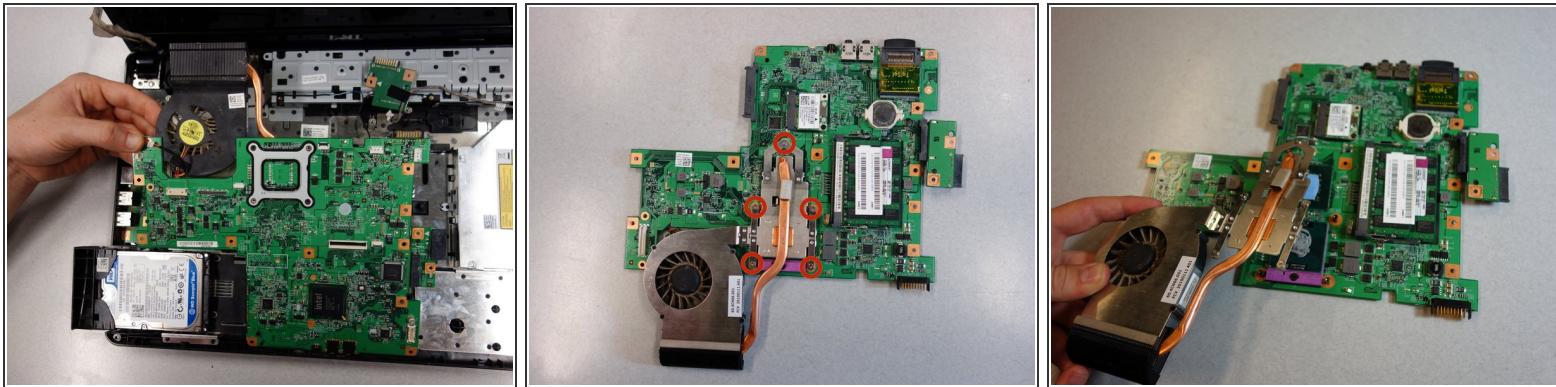
(i) You may leave these components in their trays.

Step 12



- Remove the silver 2mm Phillips #00 screw.
- Remove the card tray from the laptop by lifting it up and away the computer.

Step 13



- Lift the motherboard by its top end and remove it from the laptop.
- Flip the motherboard over to reveal the fan.

(i) The screws in the next step are captive screws and will not come completely free, so do not try to remove from the fan.

- Remove the five 1mm Phillips #00 captive screws from the internal fan.
- Lift the fan away from the motherboard.
- Refer to iFixit's guide for removal and cleaning of the thermal paste. [How to Apply Thermal Paste](#)

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