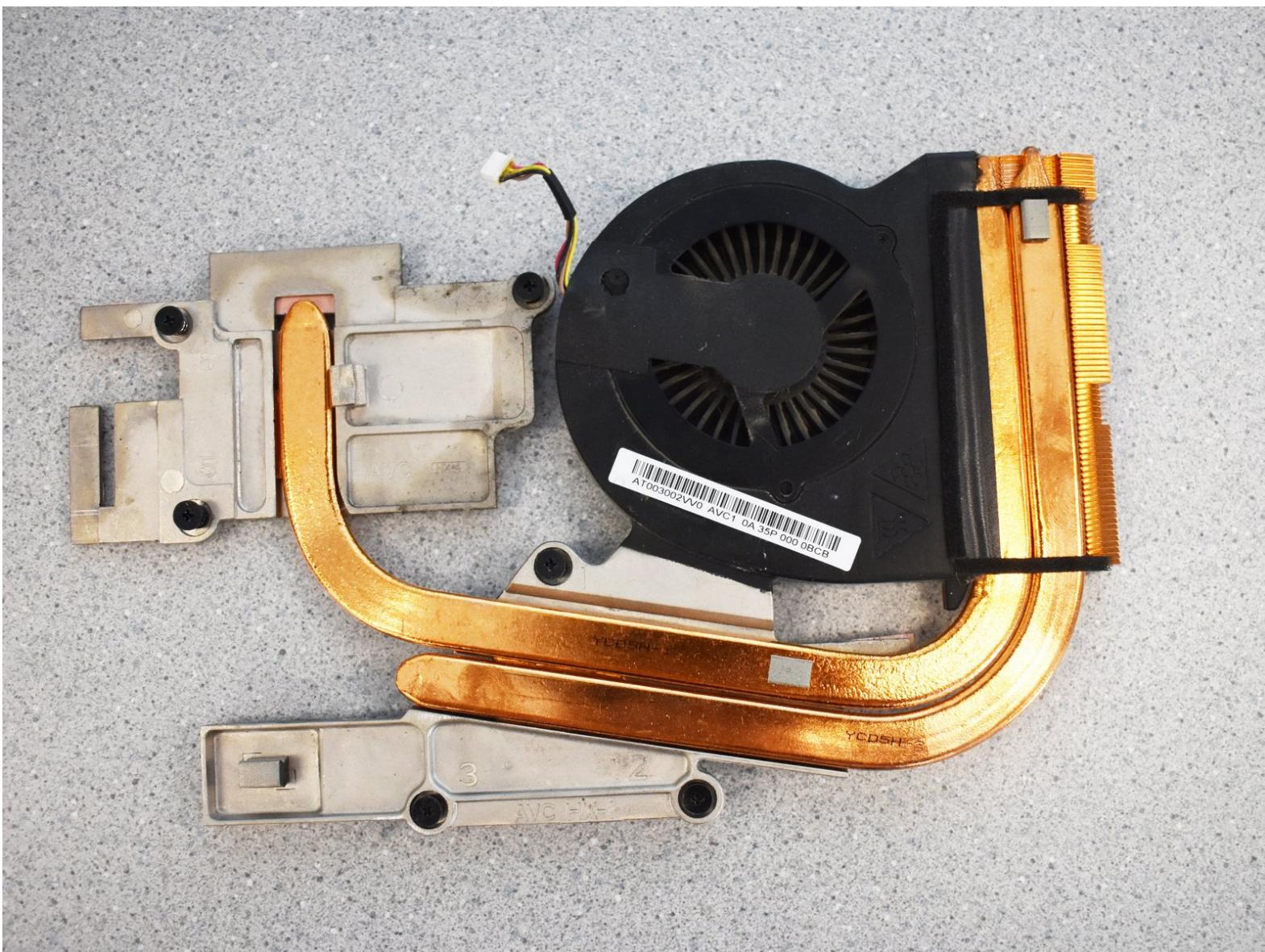




Lenovo IdeaPad Y500 Fan Replacement

Follow this guide replace your fan on your Lenovo IdeaPad Y500.

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INTRODUCTION

Use this guide to replace the fan on your Lenovo IdeaPad Y500. The heat sink assembly, the copper-colored extensions from the fan, is also attached to the fan of your device.

TOOLS:

- **Spudger** (1)
- **Phillips #1 Screwdriver** (1)

Step 1 — Battery



- Slide the lock on the right side until you hear a click. Once you hear a click, you should see the color red.

Step 2



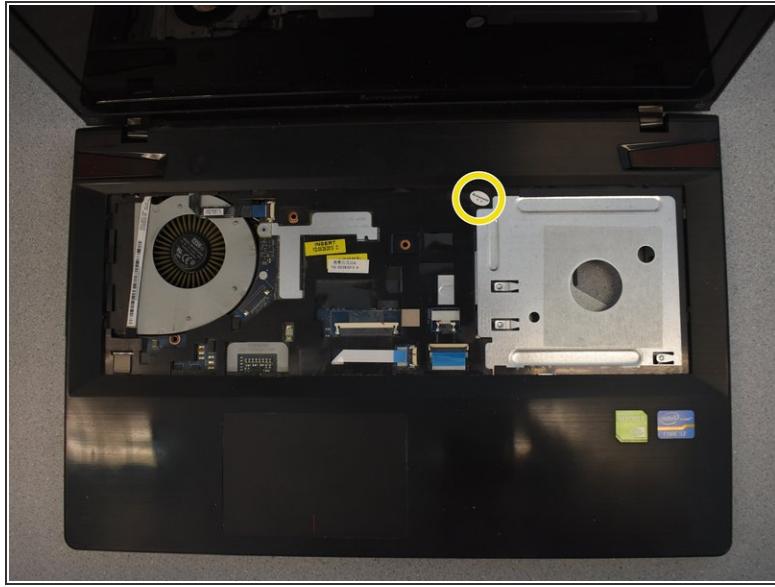
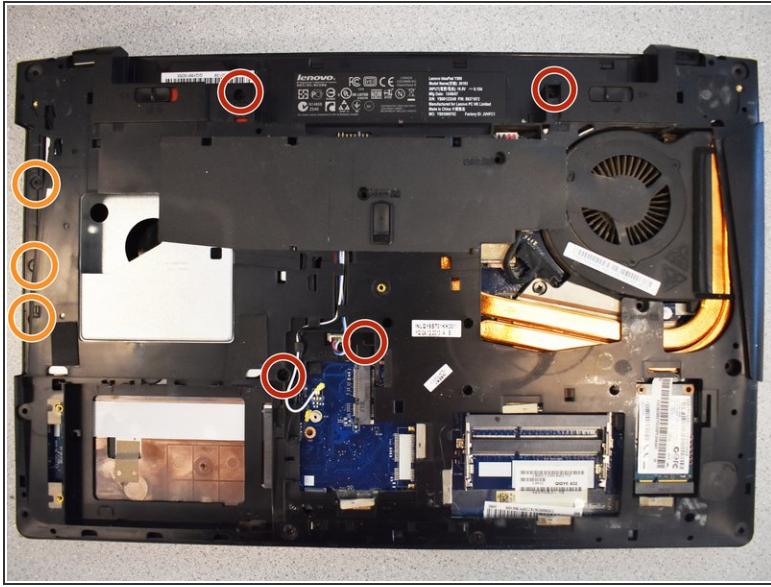
- Unlike the first lock, this lock is spring loaded and must be held in place when used.
- Slide the lock to the left (in the direction of the arrow below the lock) and hold in place.

Step 3



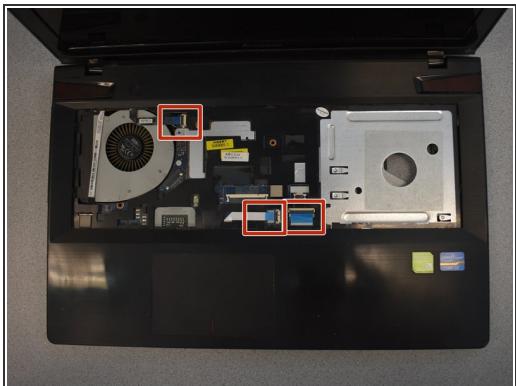
- Gently pull battery away from the computer while holding open the lock.

Step 4 — Touchpad



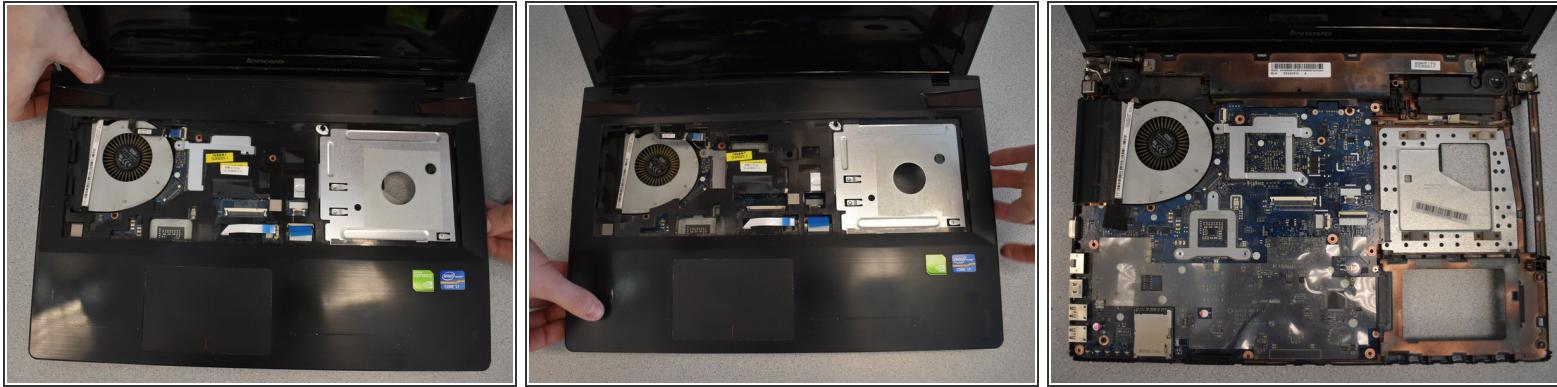
- Remove a total of 8 screws.
- Red circles are m2.5 x 10 mm flathead screws.
- Orange circles m2 x 3mm flathead screws.
- Yellow circle is m2.5 x 4mm flathead screw.

Step 5



- Flip up black tabs at the ends of each cable.
- With fingers, gently remove the cables underneath from their ports.

Step 6



- By unlatching the sides and pulling up, remove the top case from the device.

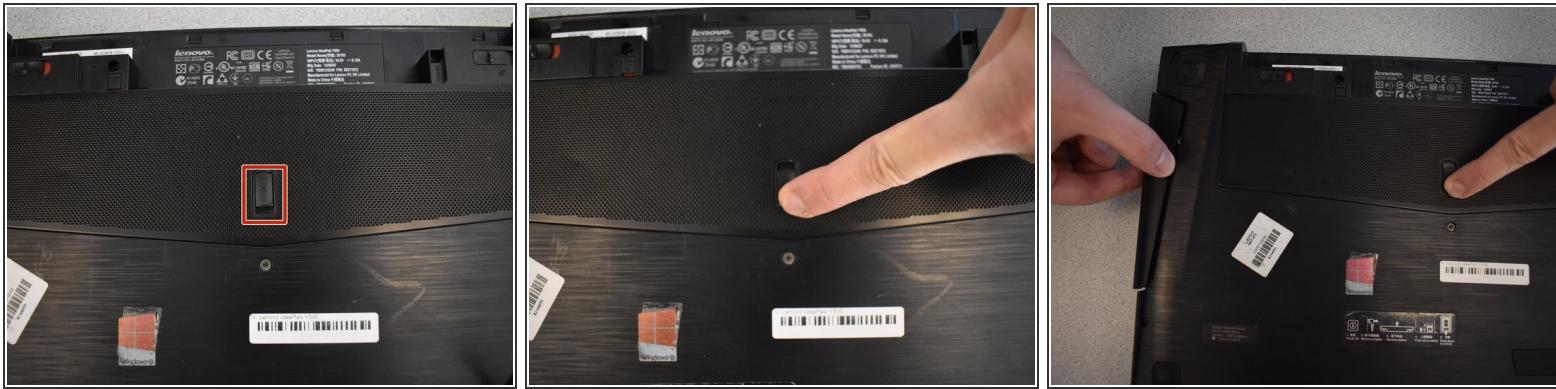
 Casing is fragile, be careful not to twist when pulling up.

Step 7 — Keyboard



- Unlock the battery latch by pulling it up.
- It should reveal red underneath when it's unlocked.

Step 8



- Push the latch down and then hold in position.
- Pull the optical drive out.

Step 9



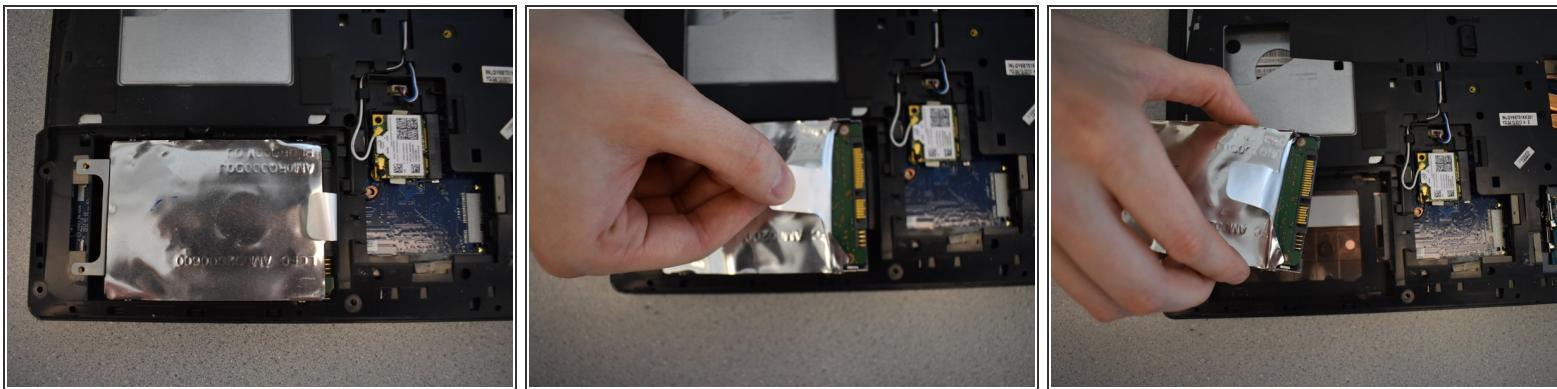
- Remove nine screws with a Phillips #1 screwdriver.

Step 10



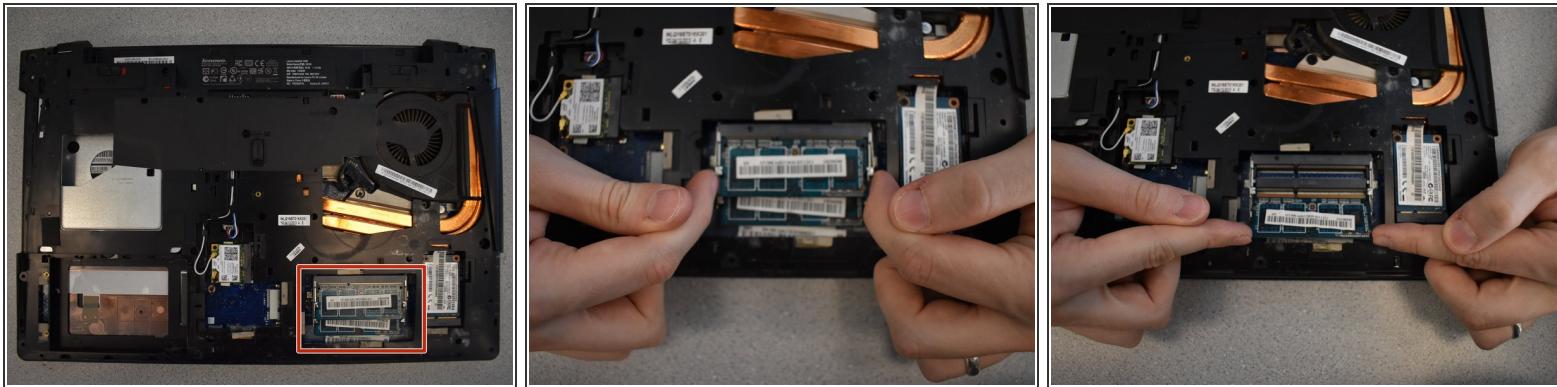
- Pull up on the loosened cover to remove.
- Remove two screws with a Phillips #1 screwdriver.

Step 11



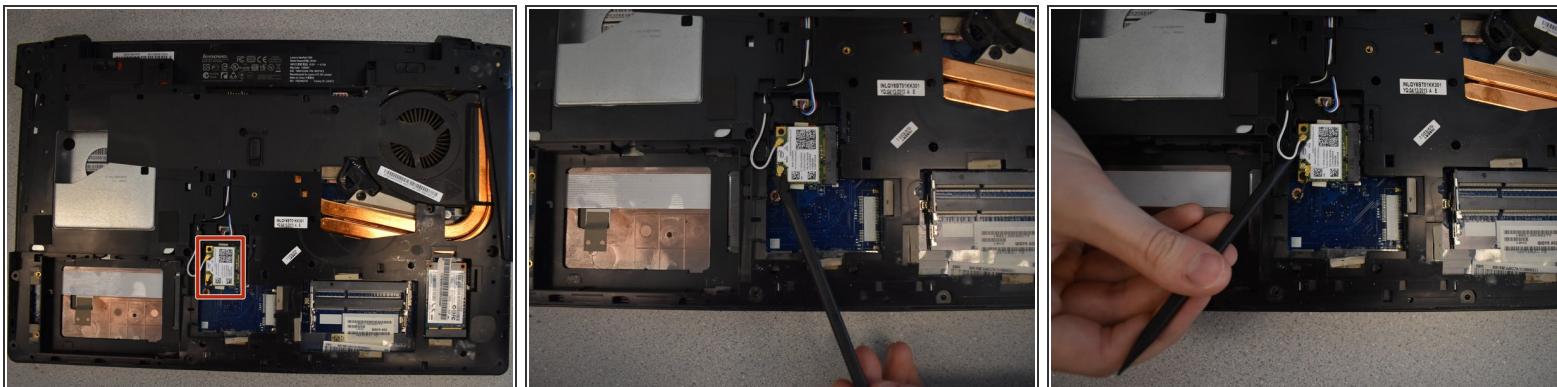
- Pull the tab straight to the left until part releases.
- Lift up the part to remove completely.

Step 12



- To release the DIMM, pull the tabs on either side away from each other simultaneously.
- The DIMM will pop out on its own.

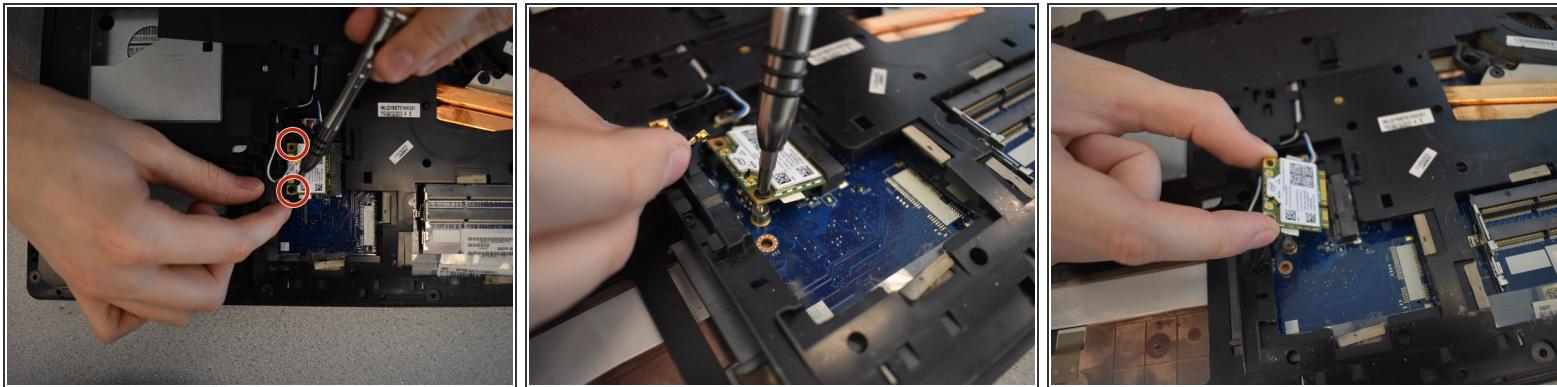
Step 13



- To disconnect the Wi-Fi cables, use a spudger to gently push up under them.

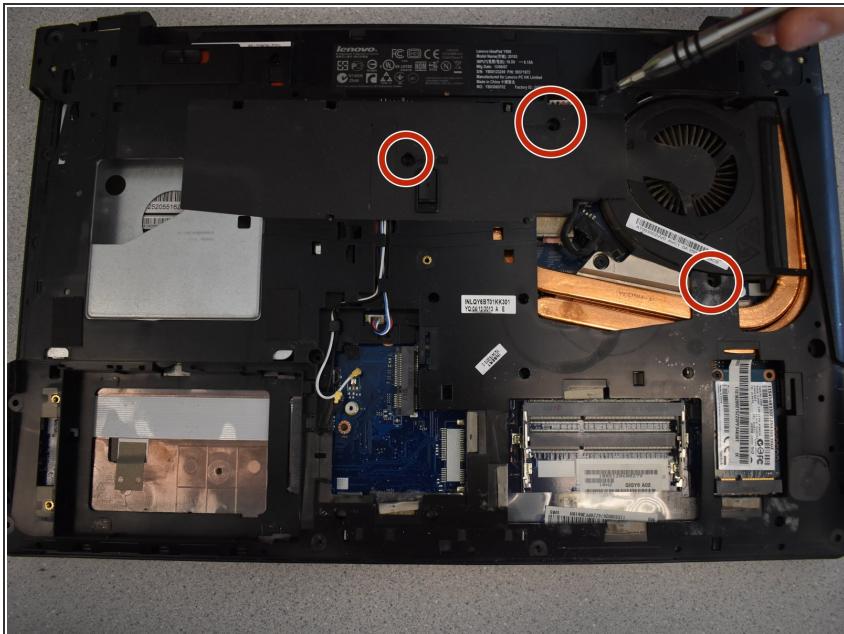
⚠ Wi-Fi cables are delicate.

Step 14



- Using a Phillips #1 screwdriver, remove the two screws.
- Once screws are out, the card will just pop out.

Step 15



- Remove three screws using a Phillips #1 screwdriver.

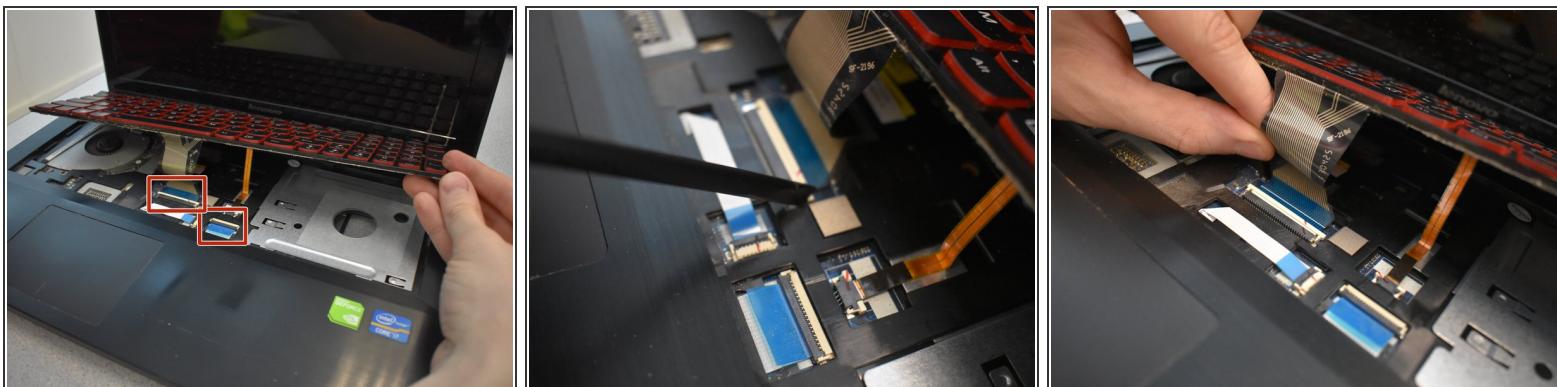
Step 16



- With the laptop upside down, open slightly.
- To remove the keyboard, push the back of the keyboard forward with your thumb while pulling away from the laptop on the other side.

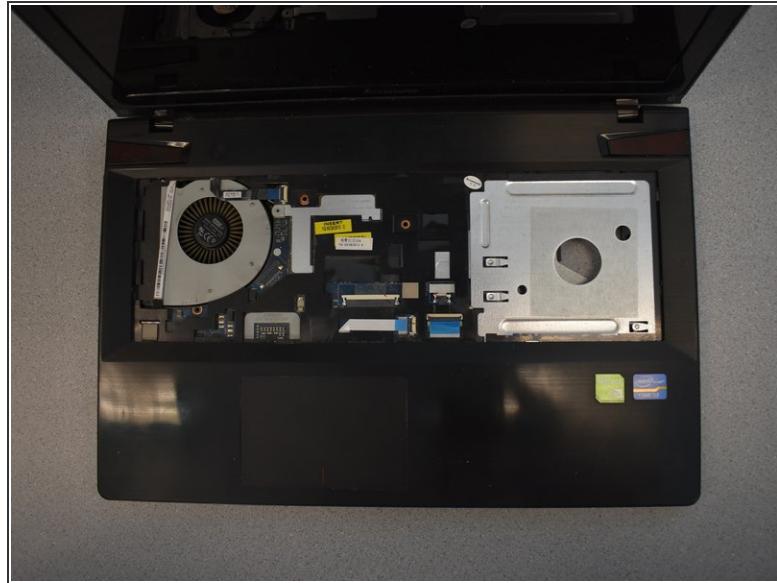
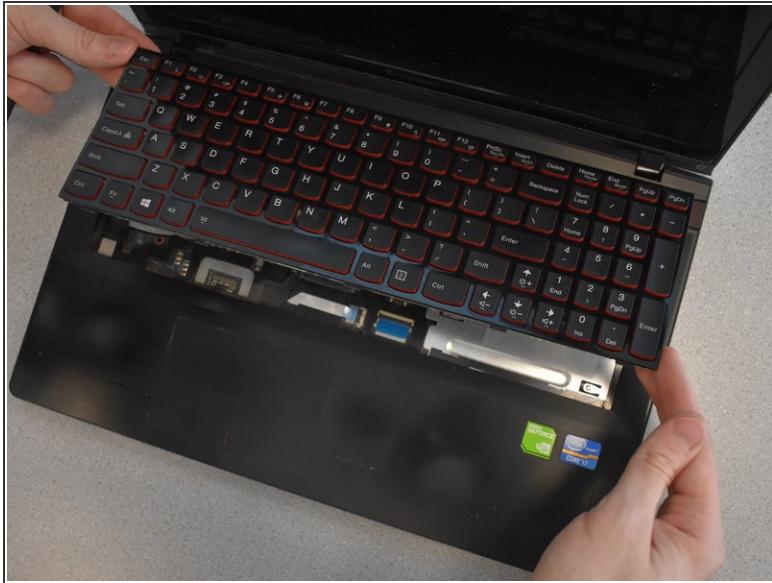
! You will not be able to pull the keyboard completely away. The cables are still connected to the laptop.

Step 17



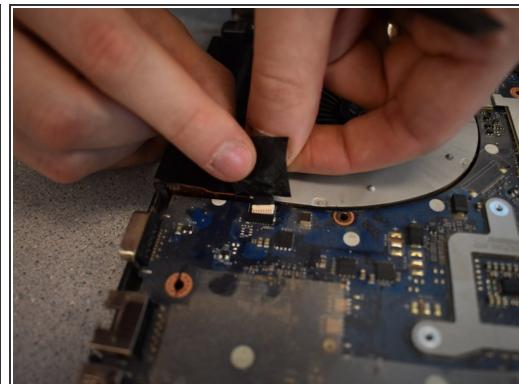
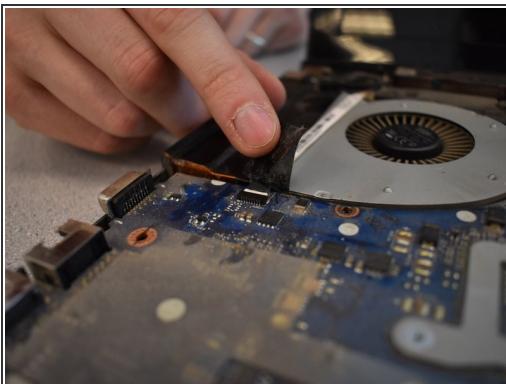
- To release the cables, use the spudger to push both ends on the side of the cable.
- Gently pull the cables up to disconnect.

Step 18



- Pull the keyboard up and away from the laptop to remove it.

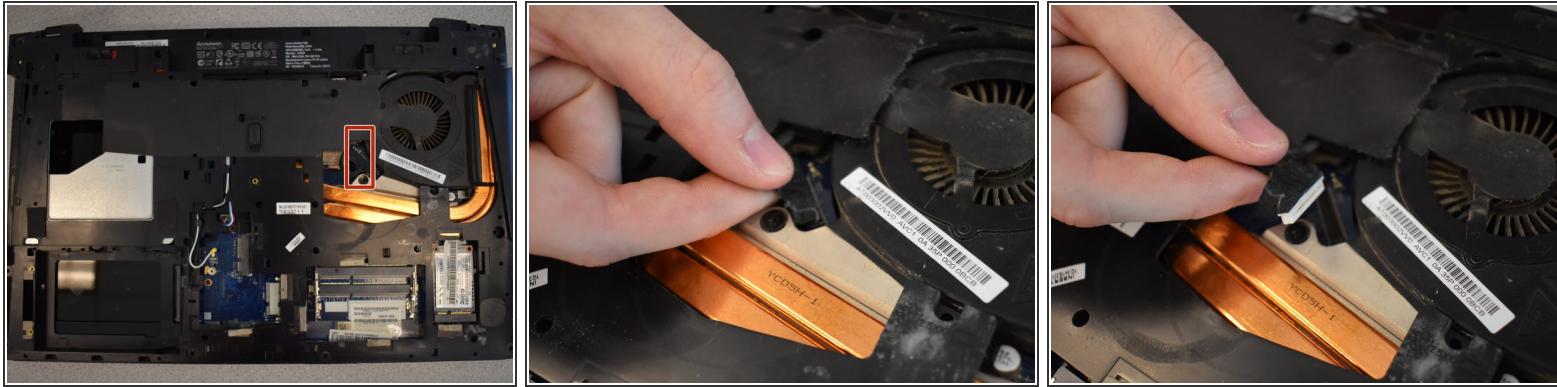
Step 19 — Motherboard



- Peel up the black tab and remove the tape completely.
- Remove the cable revealed underneath while pulling up the tape.

★ When reassembled, you will have to stick the tape back down in its original location in order to reinsert the cable.

Step 20



- Flip the laptop back over.
- Gently pull the cable free by pulling up.

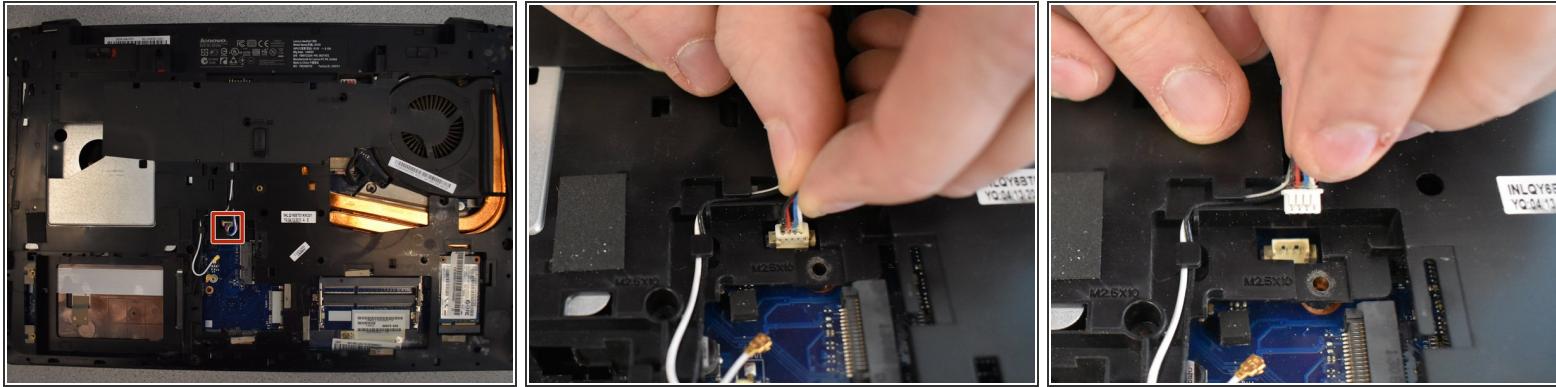
Step 21



- Peel back the black tape.
- Gently pull out both cables revealed underneath from their sockets.

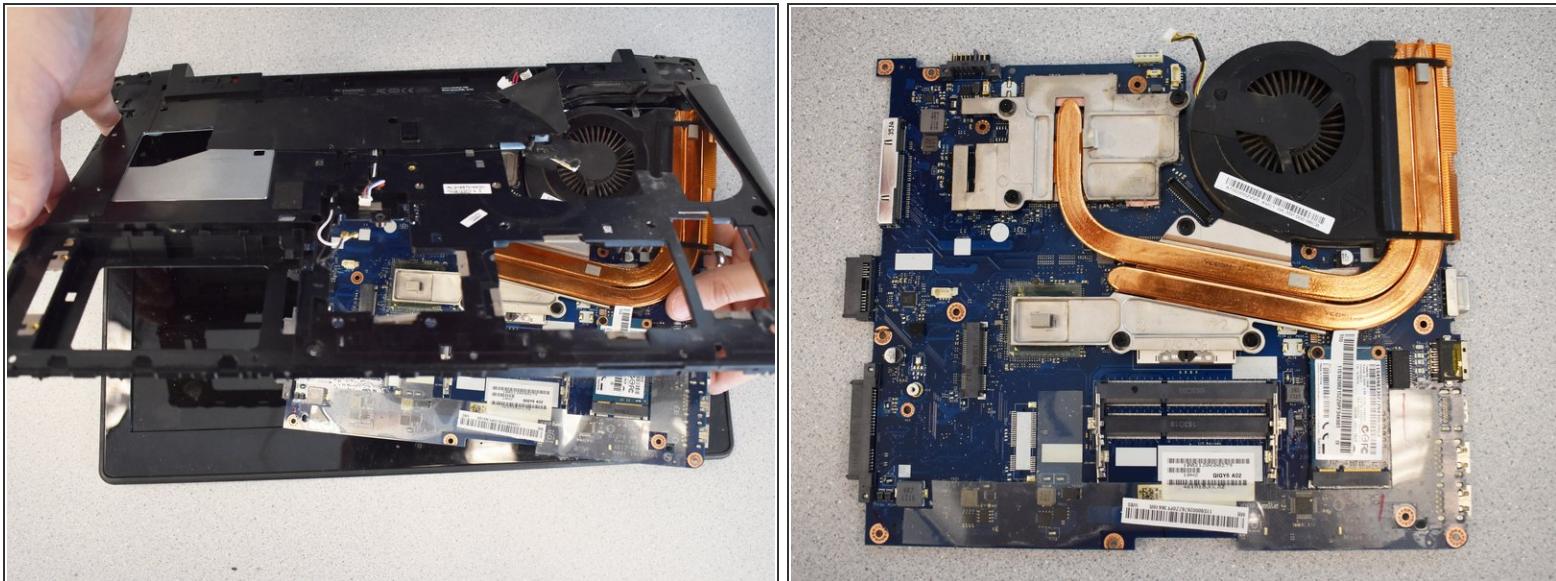
 When reassembling, you will have to paste the tape back over the cables again.

Step 22



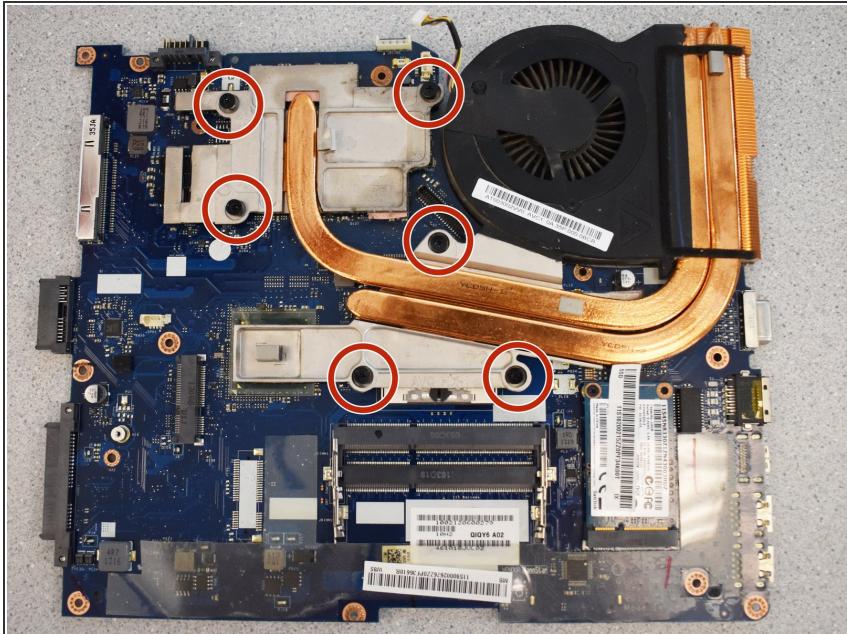
- By gently pulling up, remove the final cable.

Step 23



- Pull motherboard down, away from the case, while lifting the base of the case up.

Step 24 — Fan



- With a Phillips #1 screwdriver, loosen the six screws.

(i) These screws are spring loaded. They will not come completely out. They only need to be loosened.

Step 25



- Gently lift the fan up to remove.

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