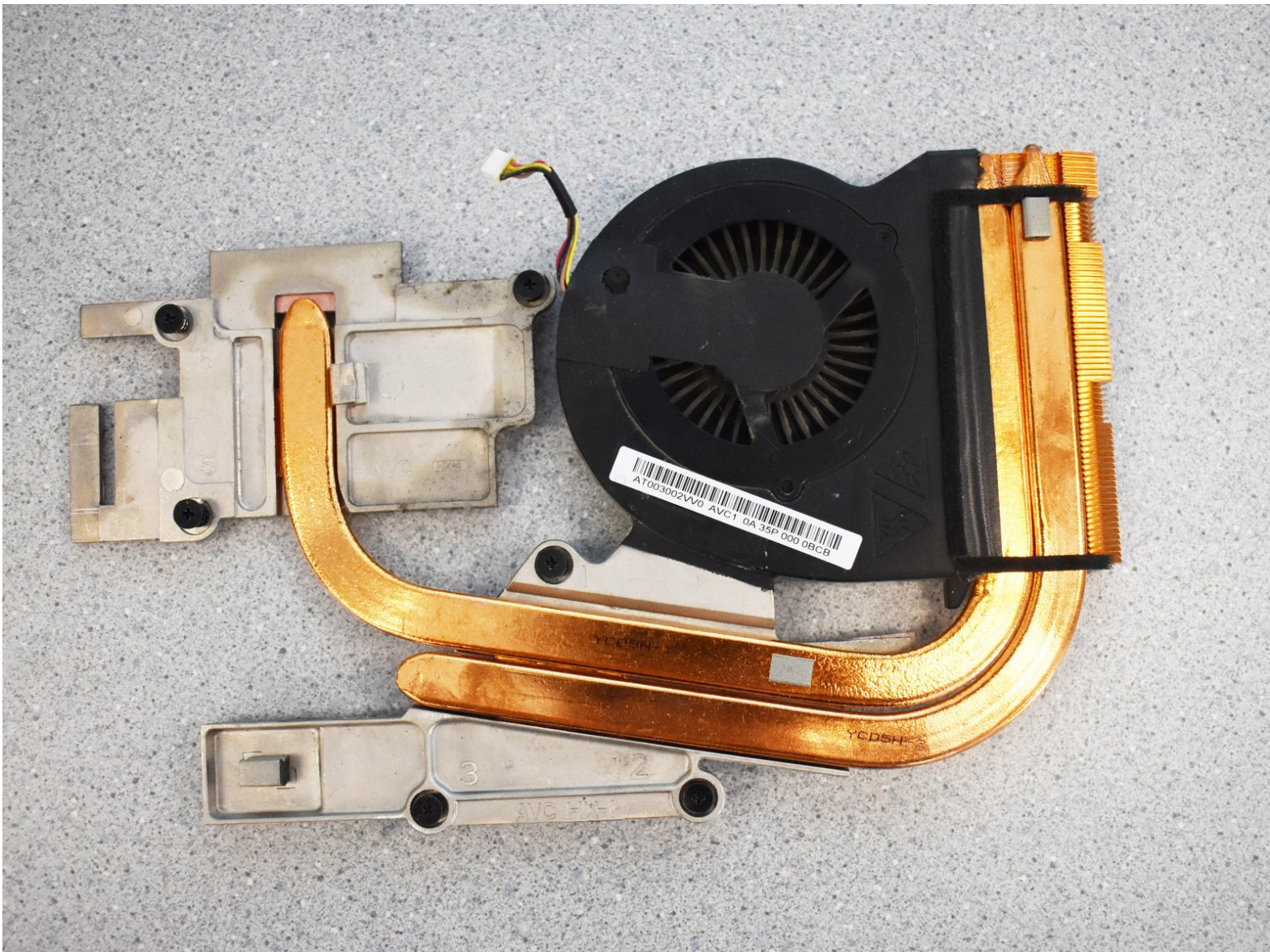




# Lenovo IdeaPad Y500 Fan Replacement

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.

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### TOOLS:

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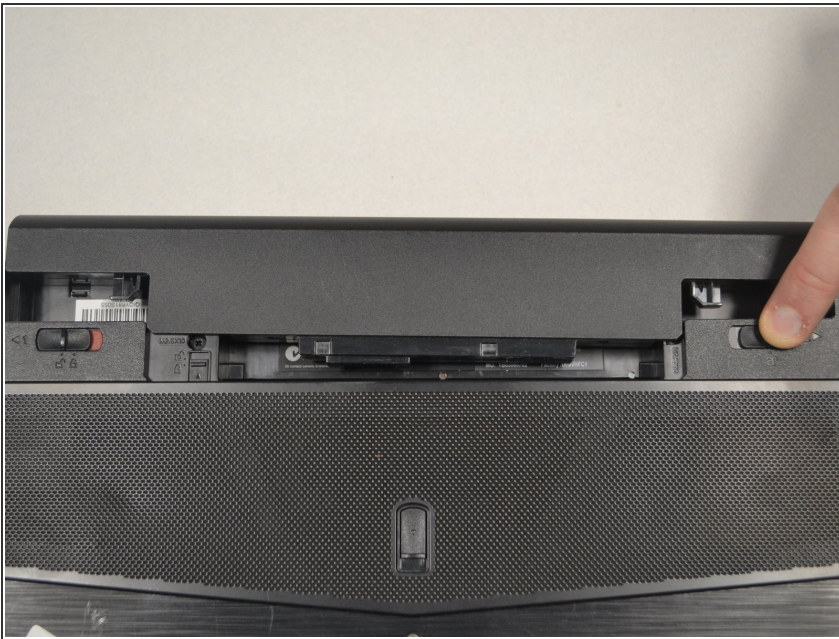


## Step 1 — Battery



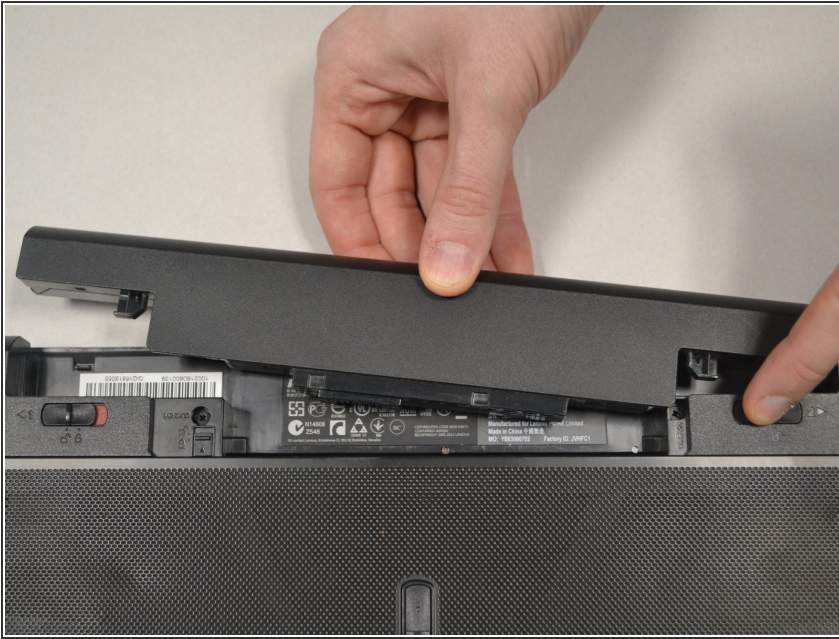
- Slide the lock on the right side until you hear a click. Once you hear a click, you should see the color red.

## 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.

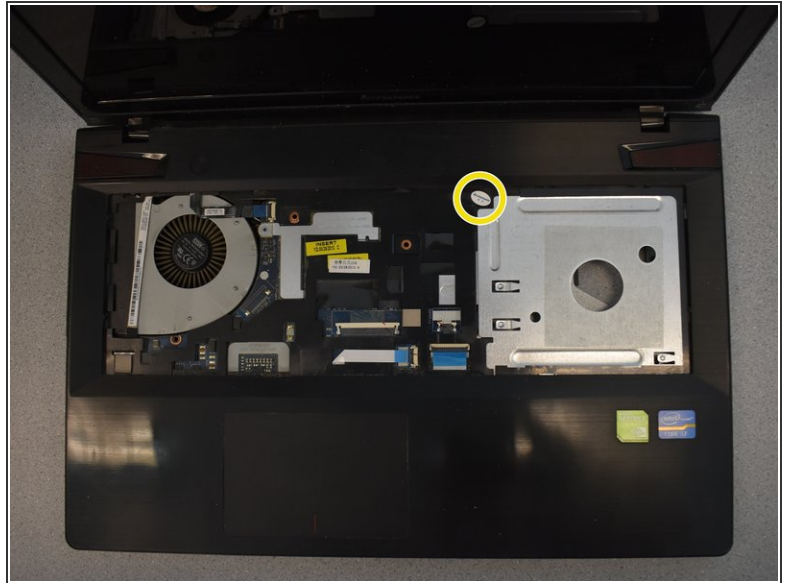
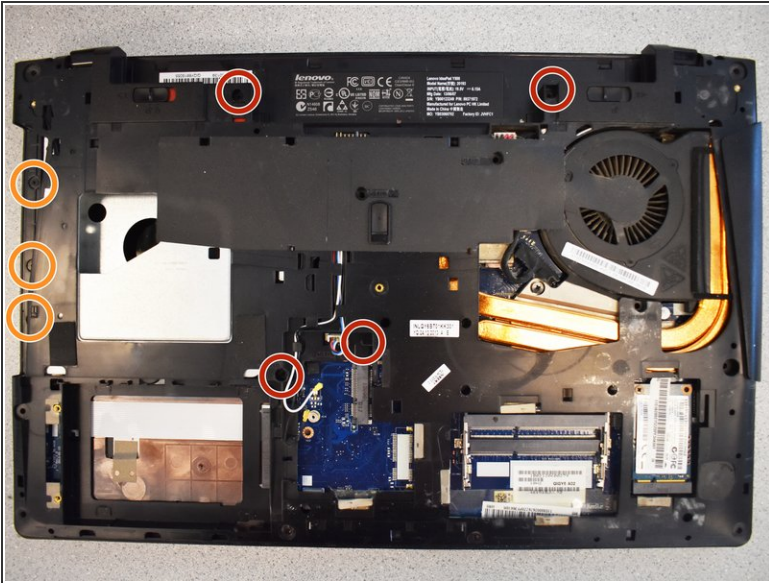
## Step 3



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

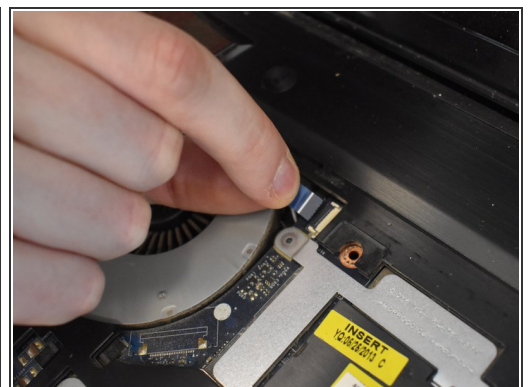
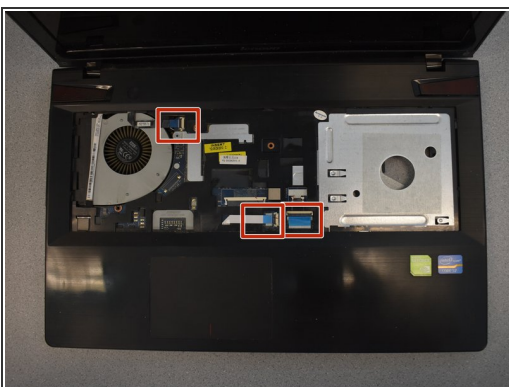


## Step 4 — Touchpad



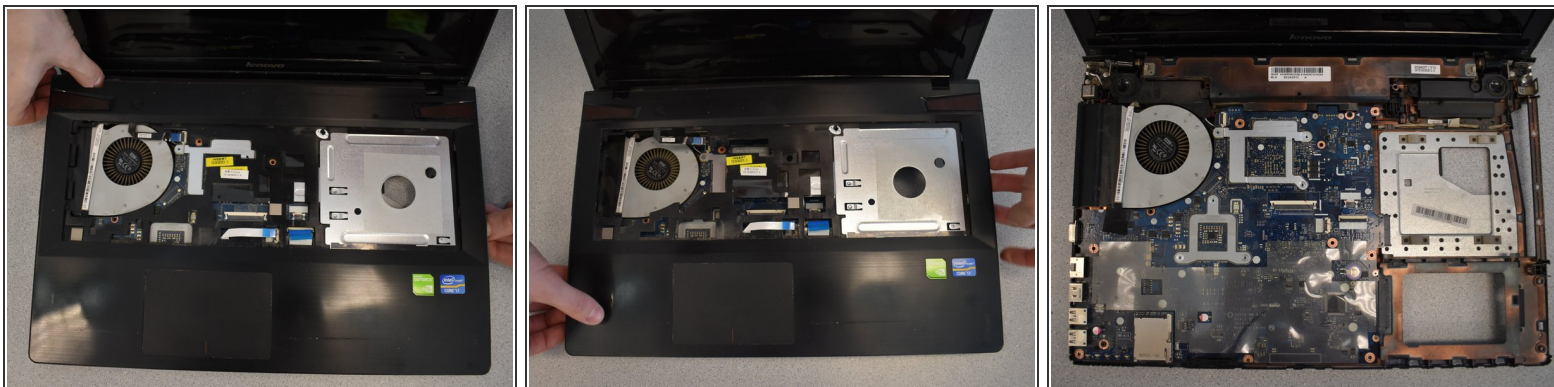
- Remove a total of 8 screws.
- Red circles are m2.5 x 10 mm flathead screws.
- Orange circles m2 x 3mm flathead screws.
- Yellow circle is m2.5 x 4mm flathead screw.

## 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.

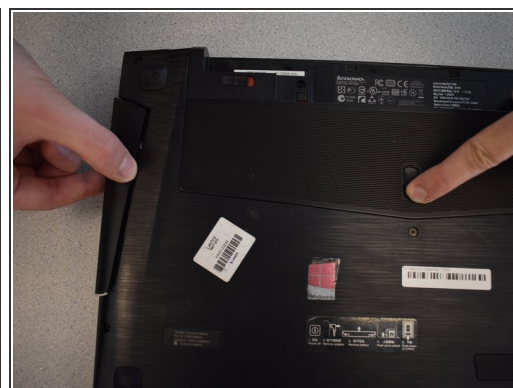
## Step 7 — Keyboard



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



## Step 8



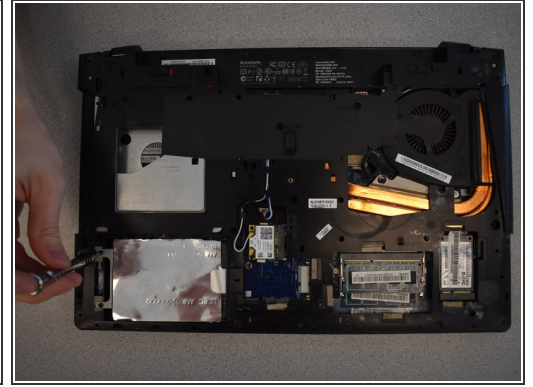
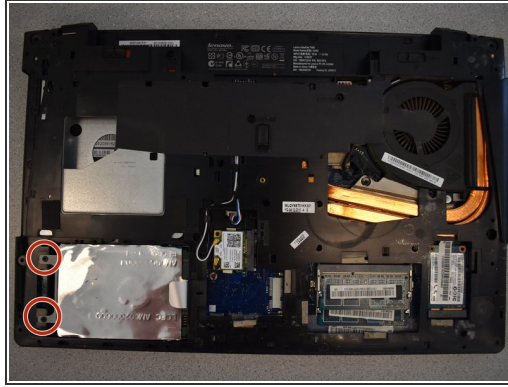
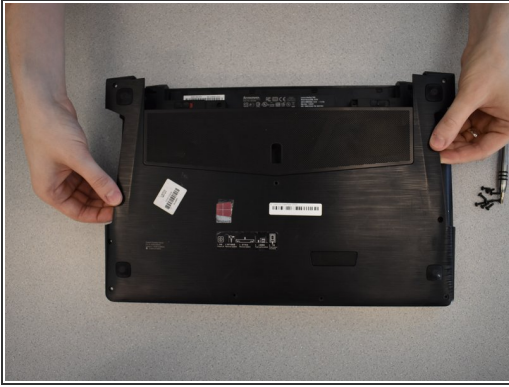
- Push the latch down and then hold in position.
- Pull the optical drive out.

## Step 9



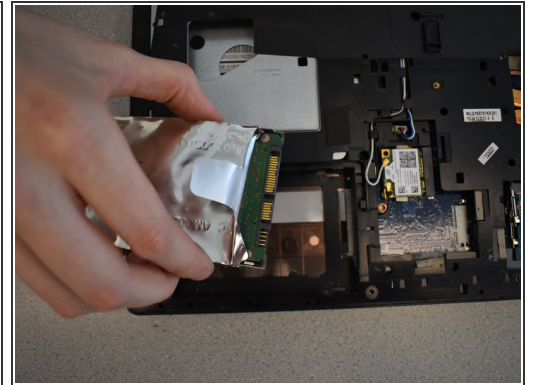
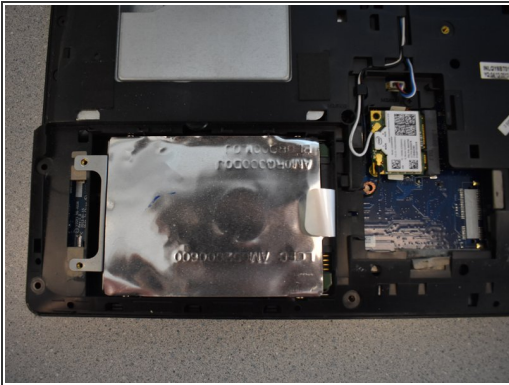
- Remove nine screws with a Phillips #1 screwdriver.

## Step 10



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

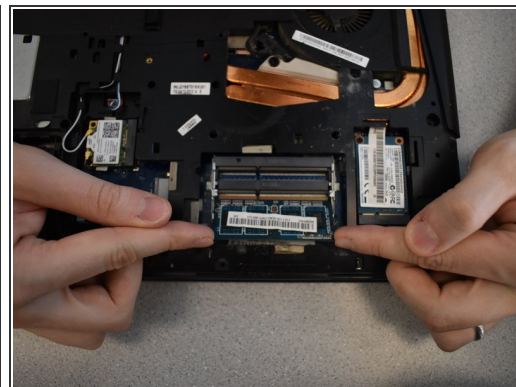
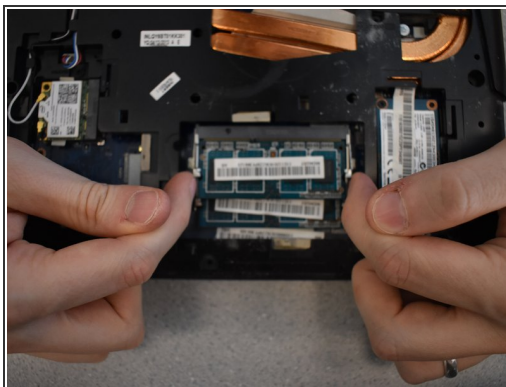
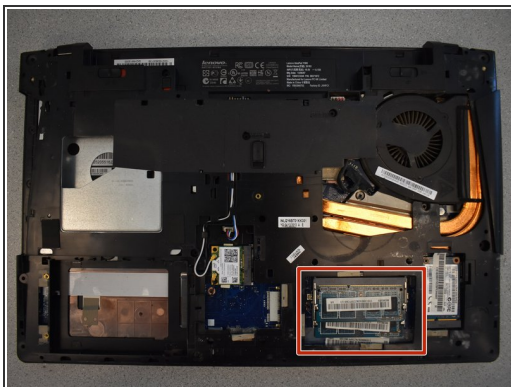
## Step 11



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

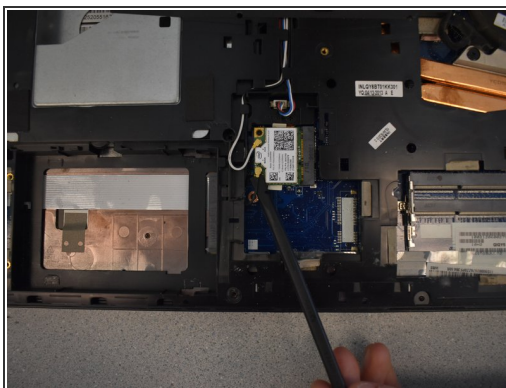


## Step 12



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

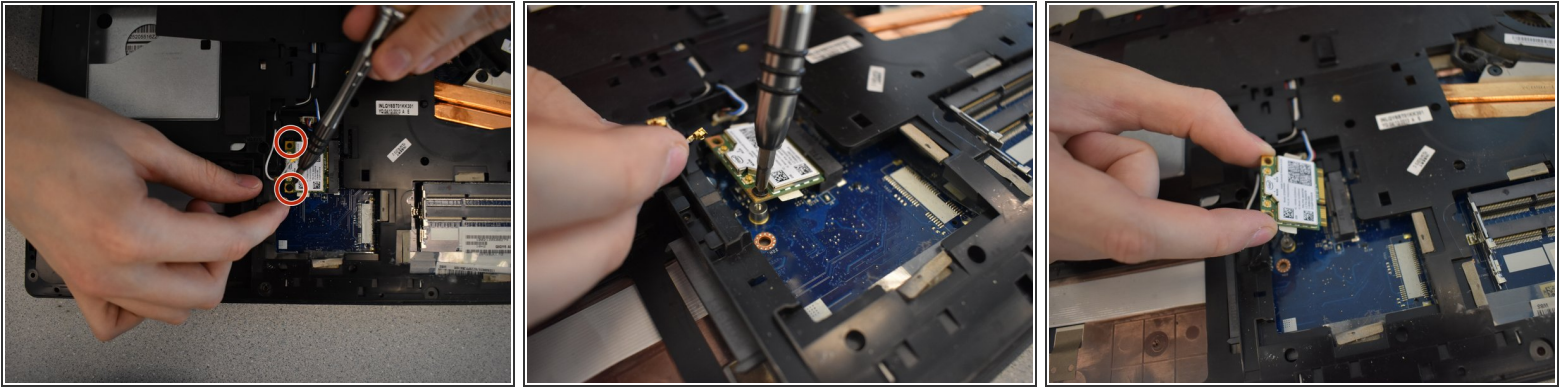
## Step 13



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

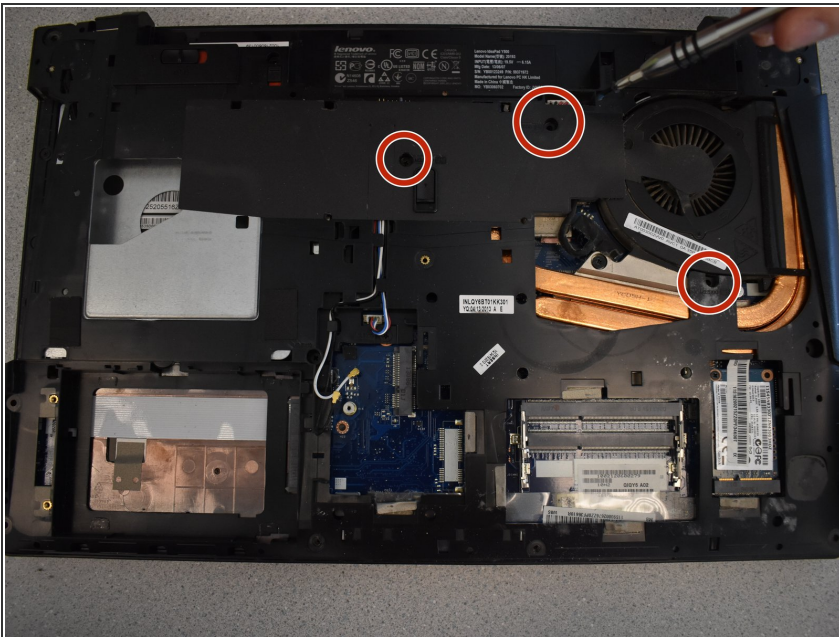
⚠ Wi-Fi cables are delicate.

## 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.

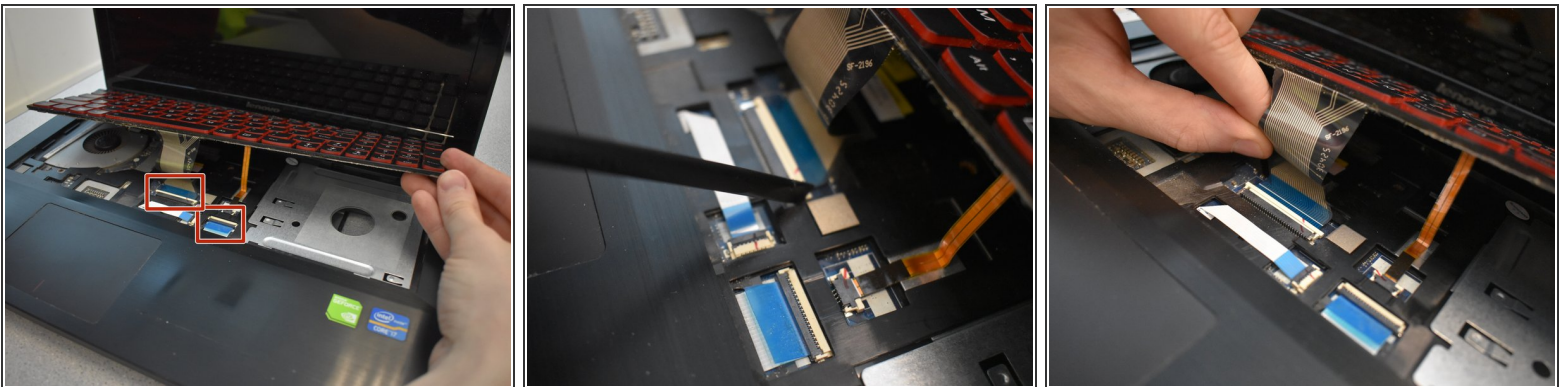


## Step 16



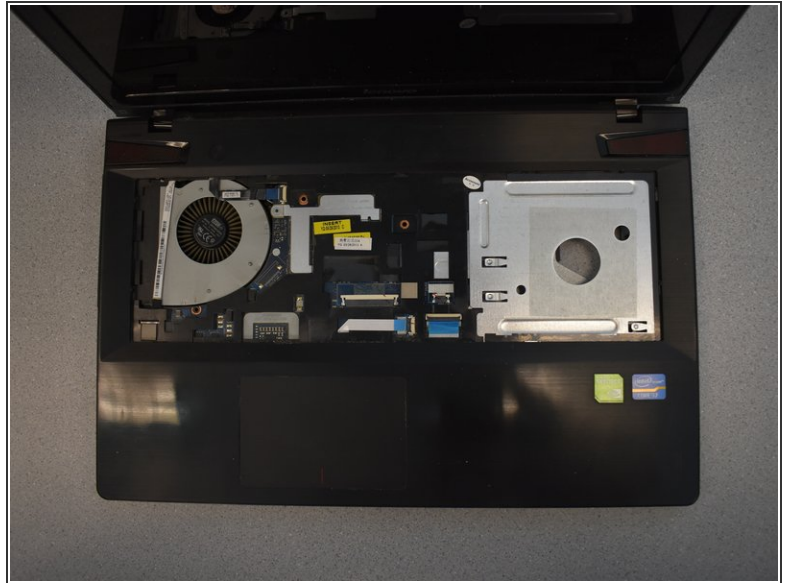
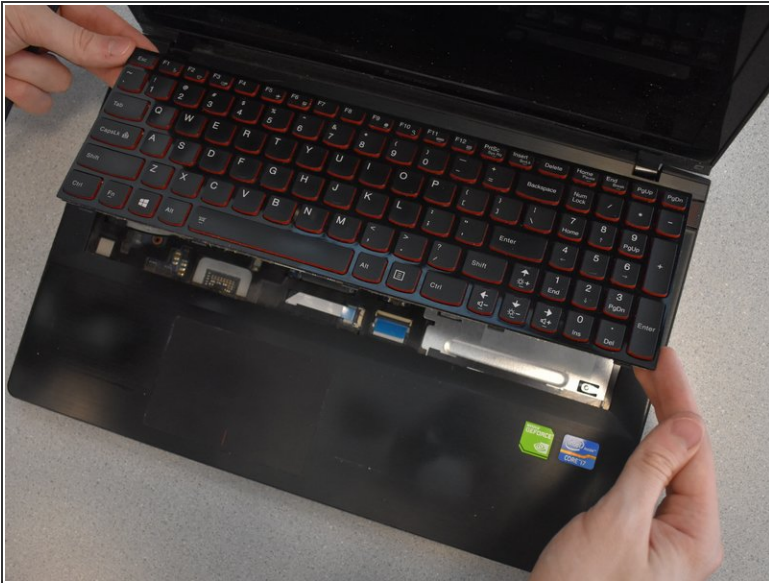
- With the laptop upside down, open slightly.
  - To remove the keyboard, push the back of the keyboard forward with your thumb while pulling away from the laptop on the other side.
- ⚠ You will not be able to pull the keyboard completely away. The cables are still connected to the laptop.

## Step 17



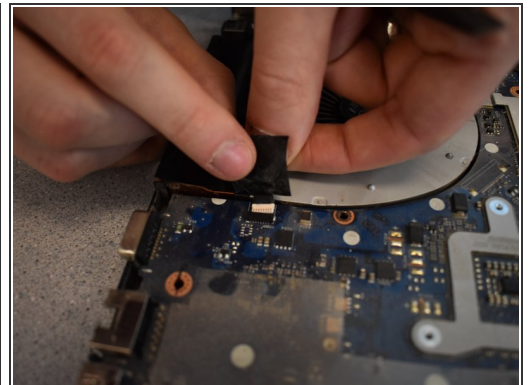
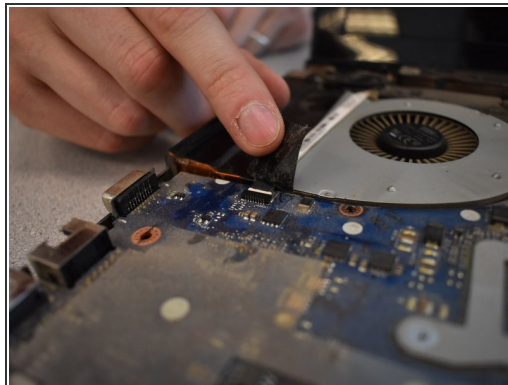
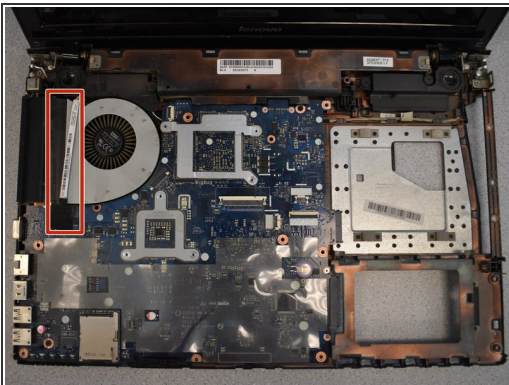
- To release the cables, use the spudger to push both ends on the side of the cable.
- Gently pull the cables up to disconnect.

## Step 18



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

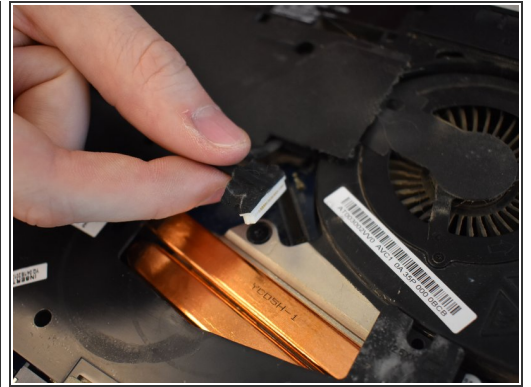
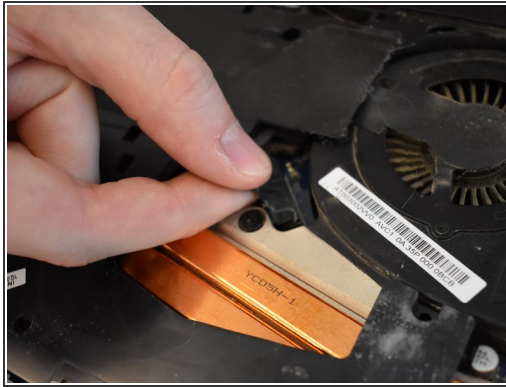
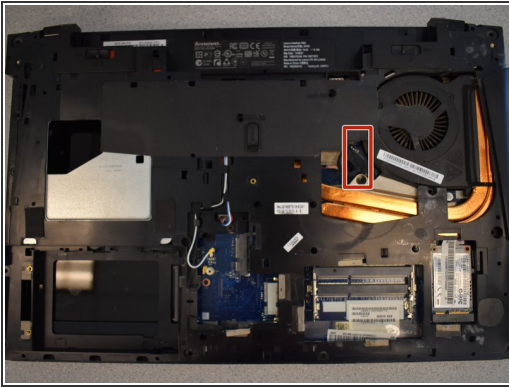
## Step 19 — Motherboard



- 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.

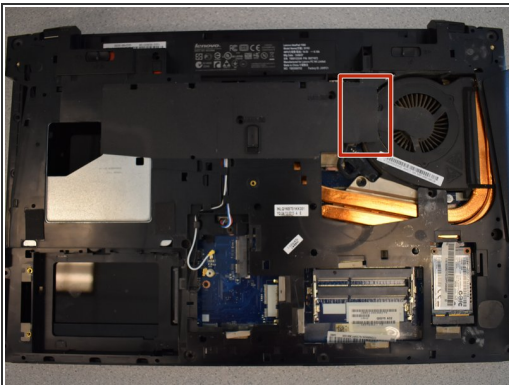


## Step 20



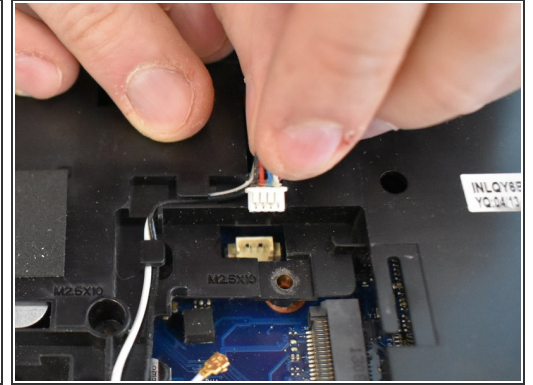
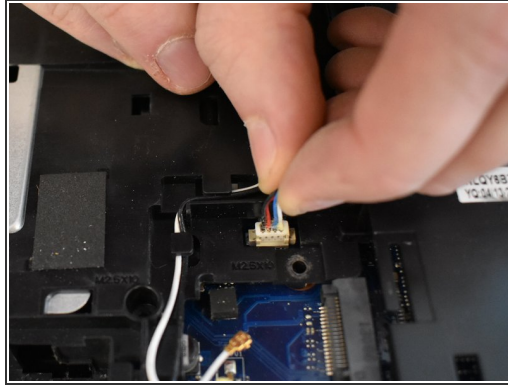
- Flip the laptop back over.
- Gently pull the cable free by pulling up.

## Step 21



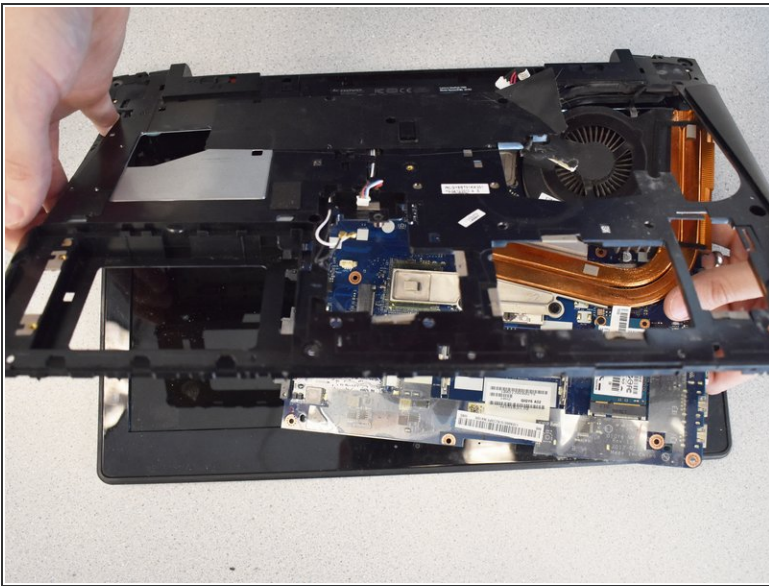
- Peel back the black tape.
  - Gently pull out both cables revealed underneath from their sockets.
- ✦ When reassembling, you will have to paste the tape back over the cables again.

## Step 22



- By gently pulling up, remove the final cable.

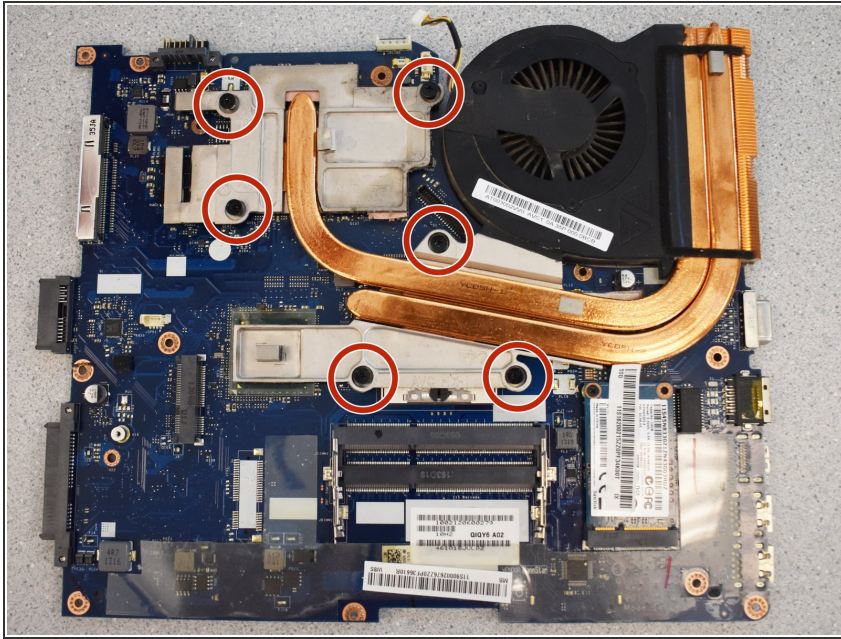
## Step 23



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

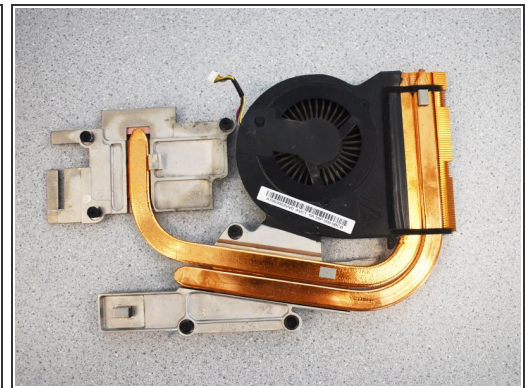
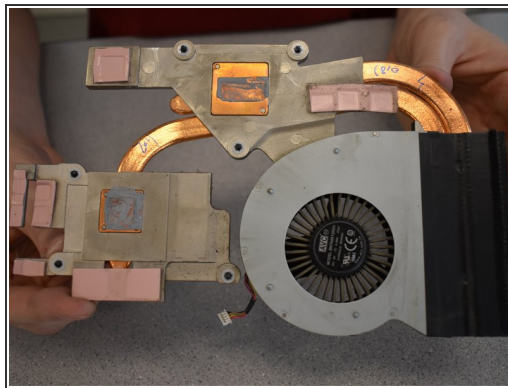
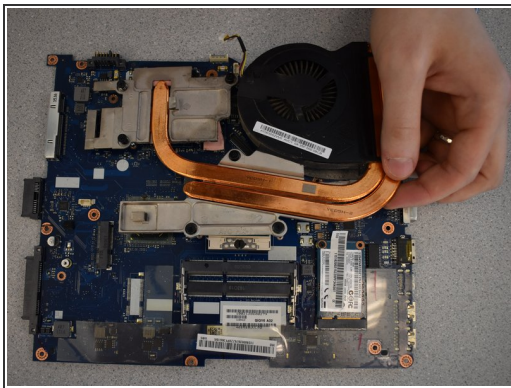


## Step 24 — Fan



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