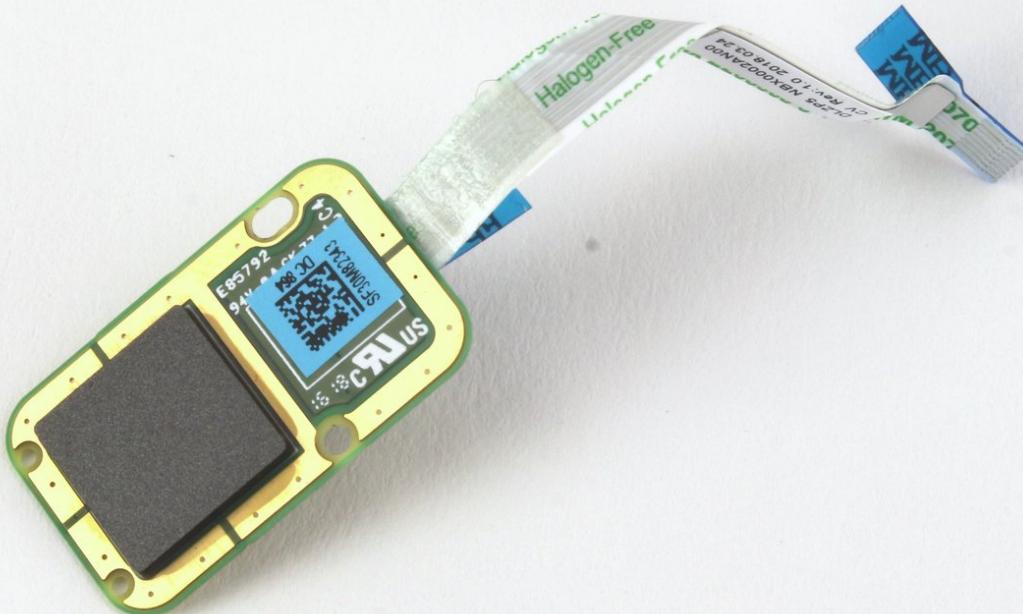




# Lenovo YOGA 730-15IKB Fingerprint Reader Replacement

This guide describes the steps required to replace the fingerprint reader on a Lenovo YOGA 730-15IKB.

Written By: Daniel Rodriguez Salinas



## INTRODUCTION

Follow this guide to replace the fingerprint reader in your Lenovo YOGA 730-15IKB. The fingerprint reader recognizes your unique fingerprint and allows you to easily unlock the laptop.

See the [troubleshooting page](#) first to diagnose any software issues related to the fingerprint reader. If your fingerprint reader is scratched or does not recognize your fingers, you might need to replace it with a new, functional model.

## TOOLS:

- [ESD Safe Tweezers Blunt Nose \(1\)](#)
- [T5 Torx Screwdriver \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #1 Screwdriver \(1\)](#)

## Step 1 — Bottom Cover



⚠ Turn off the computer and unplug the charger before going any further.

- Flip the laptop over so you can see the underside.
- Remove ten 7mm T5 Torx screws.

## Step 2



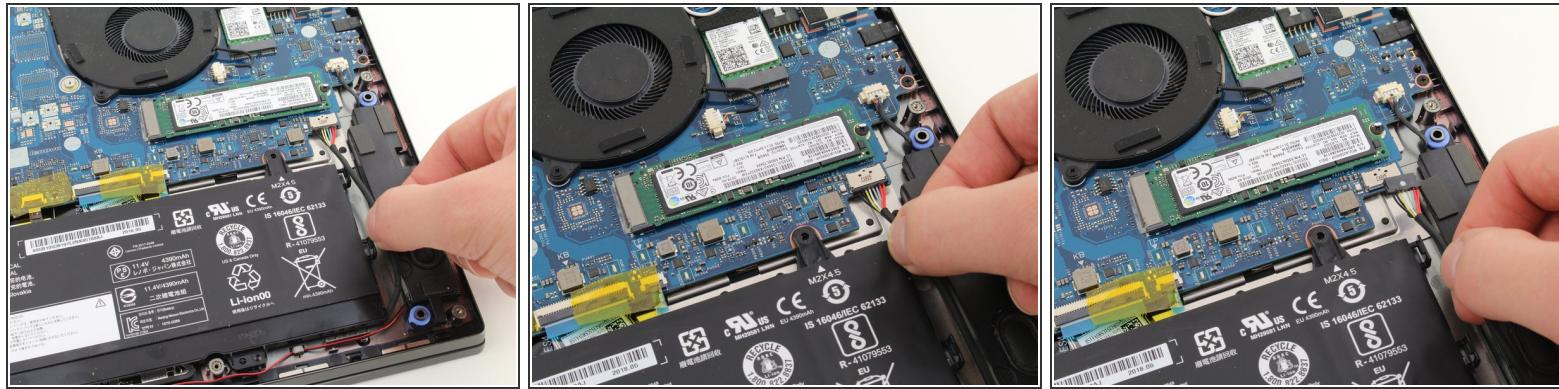
- Pry up the bottom cover with an opening tool.
- Start at the front edge of the cover and make your way along the sides.

## Step 3



- Pull the bottom cover up and away from the back hinges.

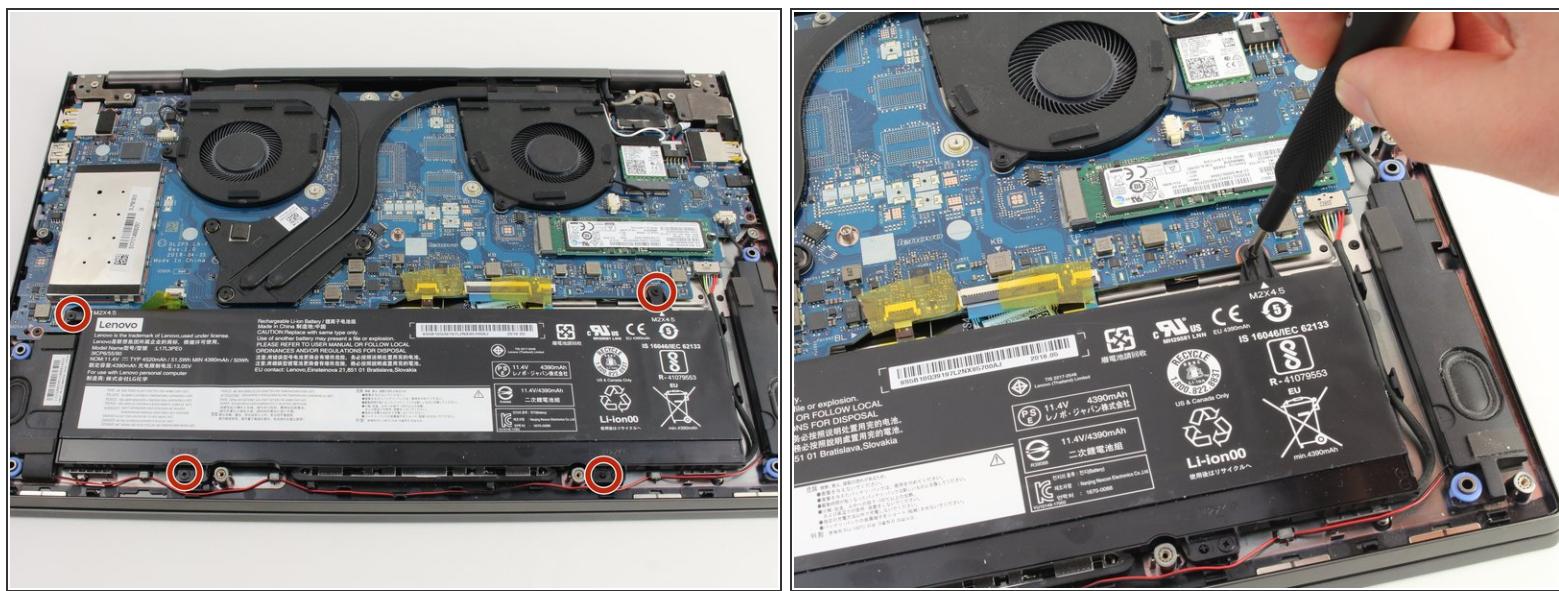
## Step 4 — Battery



- Remove the battery connector by tugging and wiggling the battery wire using your fingers or a pair of tweezers.

**⚠** Unplug the cable gently as the eight wires on the connector are very small and delicate.

## Step 5



- Remove four 4mm Phillips #1 screws.

## Step 6



- Pull the battery up and out of the chassis.

**⚠** Handle the battery carefully. Touching the terminal may cause electric shock. Puncturing the battery may cause it to catch fire.

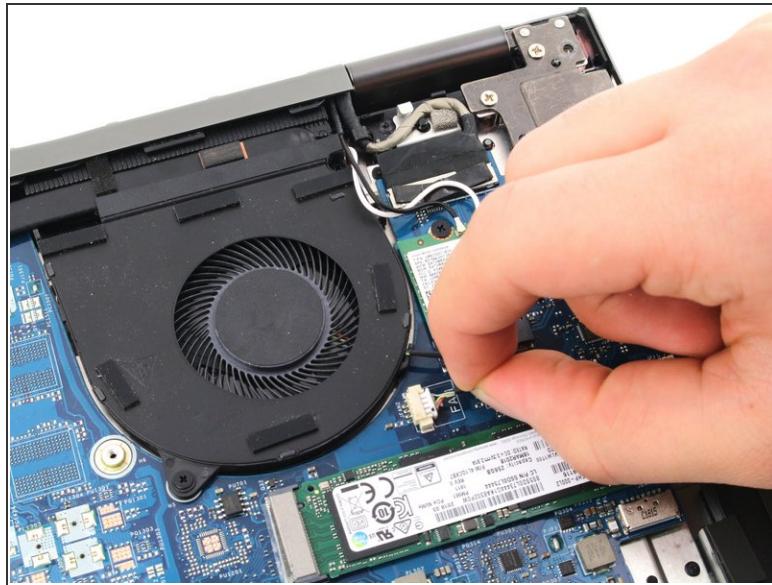
## Step 7 — Left Fan



**ℹ** When the laptop is upside down, the left fan is on the right side of the laptop near the wireless card and the SSD.

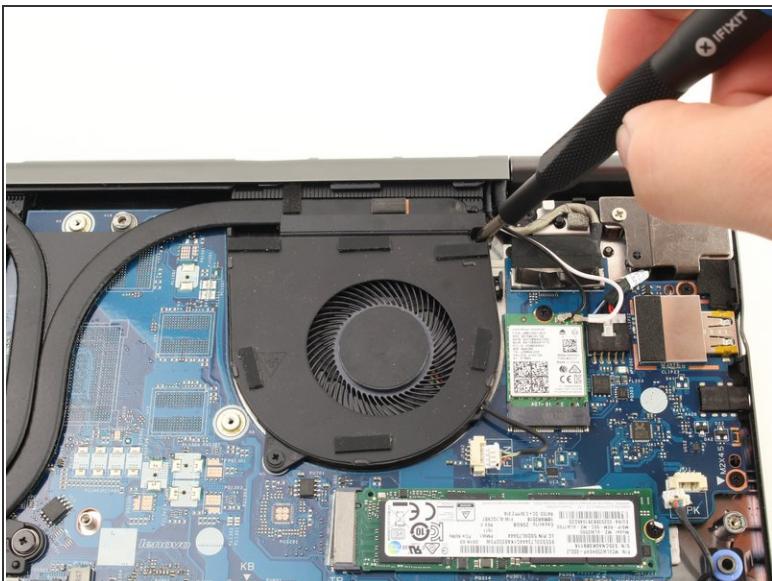
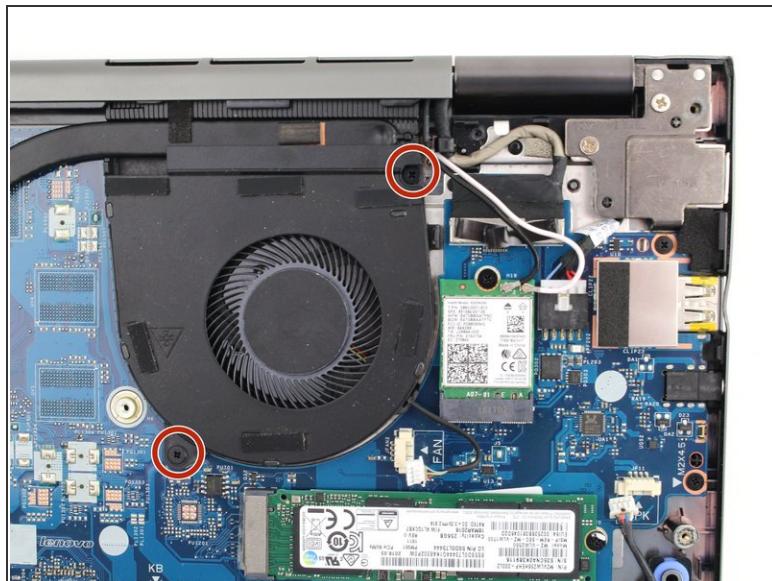
- Remove the black and white antenna wires from the groove on the right side of the fan.

## Step 8



- Disconnect the fan cable. Pull the wire toward the right side of the laptop while wiggling to loosen the connection.
- You can also use the white tabs on the connector to push the cable free.

## Step 9



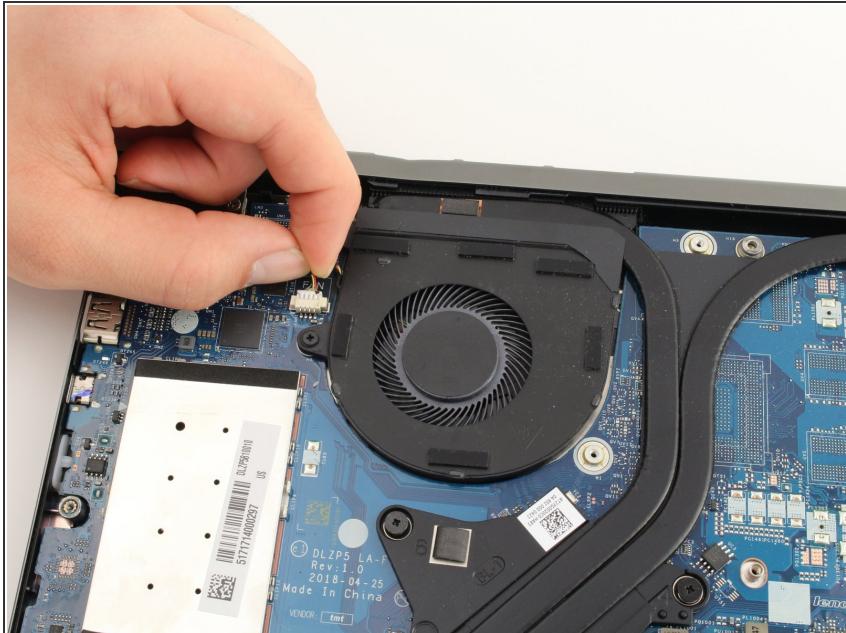
- Remove two 4mm Phillips #1 screws.

## Step 10



- Pull the fan up and towards the front of the laptop.

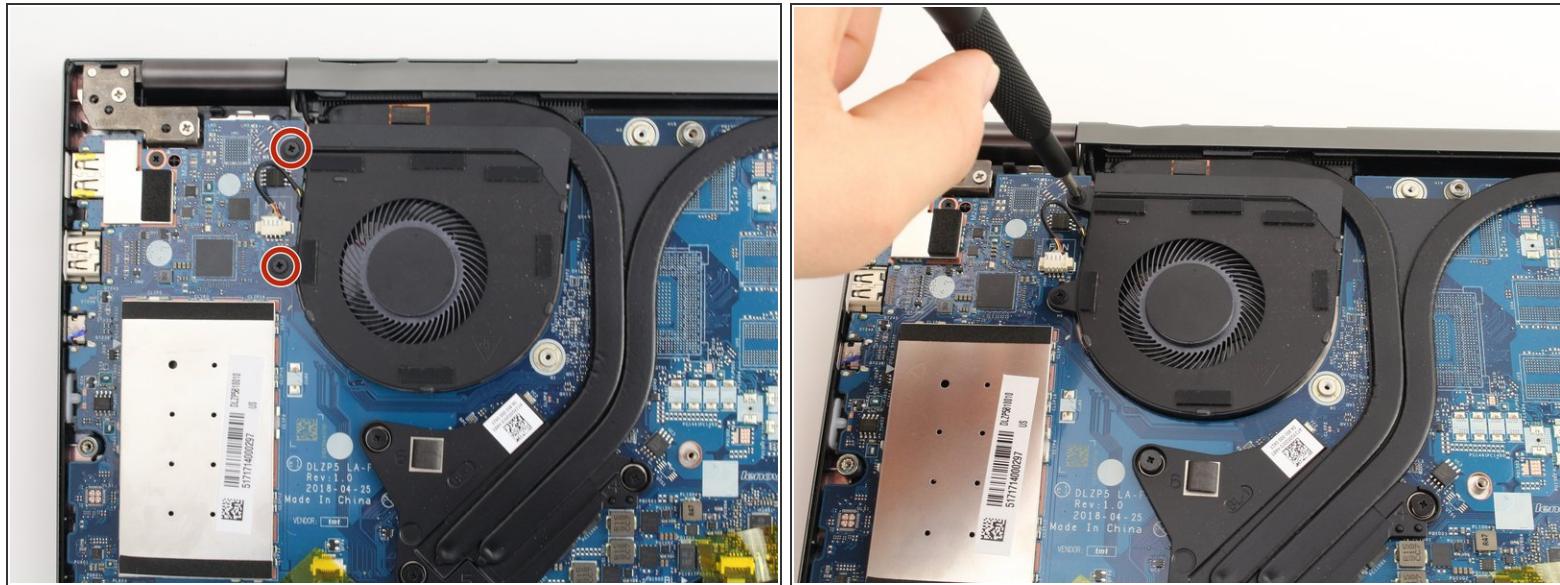
## Step 11 — Right Fan



*(i)* When the laptop is upside down, the right fan is on the left side of the laptop near the large metal RAM cover.

- Disconnect the fan cable. Pull the wire toward the back of the laptop while wiggling to loosen the connection.
  - You can also use the white tabs on the connector to push the cable free.

## Step 12



- Remove two 4mm Phillips #1 screws.

## Step 13



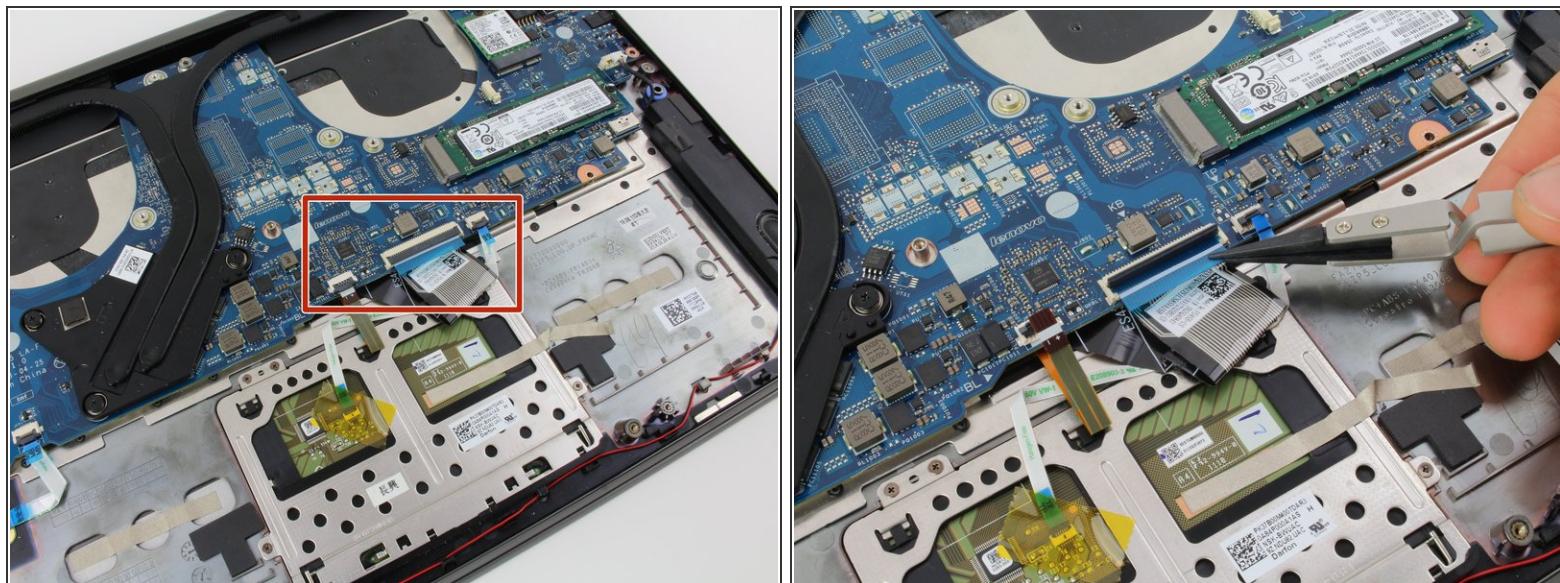
- Pull the fan up and towards the front of the laptop.

## Step 14 — Motherboard



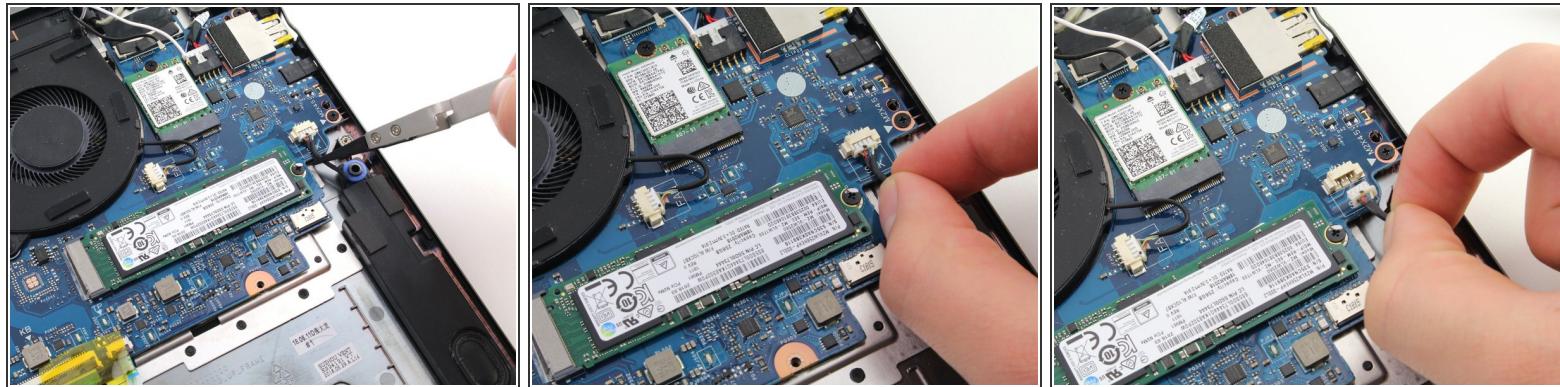
- Remove the fingerprint reader ribbon cable located at the bottom left of the motherboard.
  - Pull up on the black tab on the connector.
  - The ribbon cable should easily pull out of the connector.

## Step 15



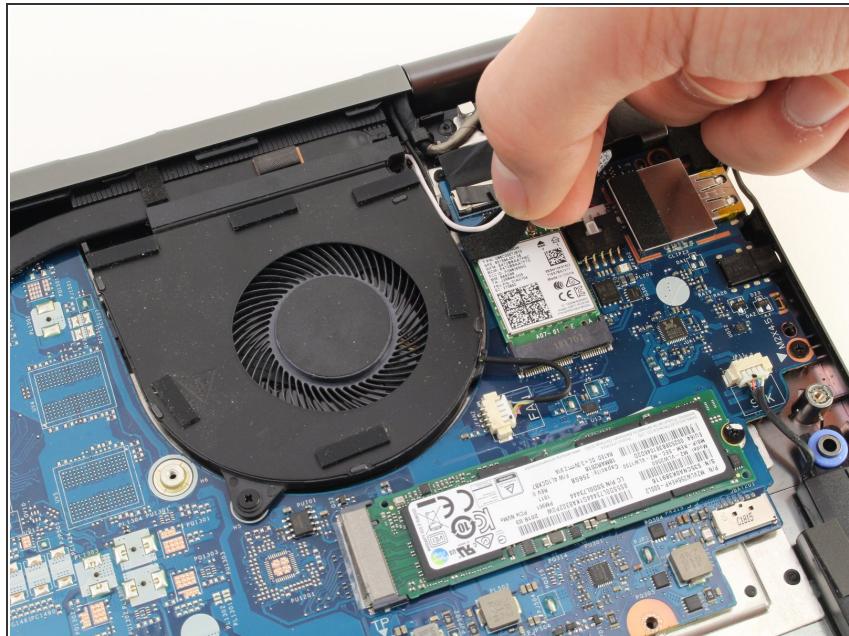
- Remove the three other ribbon cables at the lower edge of the motherboard.
  - For each, lift up the black tab on the connector.
  - The ribbon cables should easily pull out of the connectors.

## Step 16



- Disconnect the speaker cable by pulling the wire towards the front of the laptop.
- You can also use the white tabs on the connector to push the cable free.

## Step 17



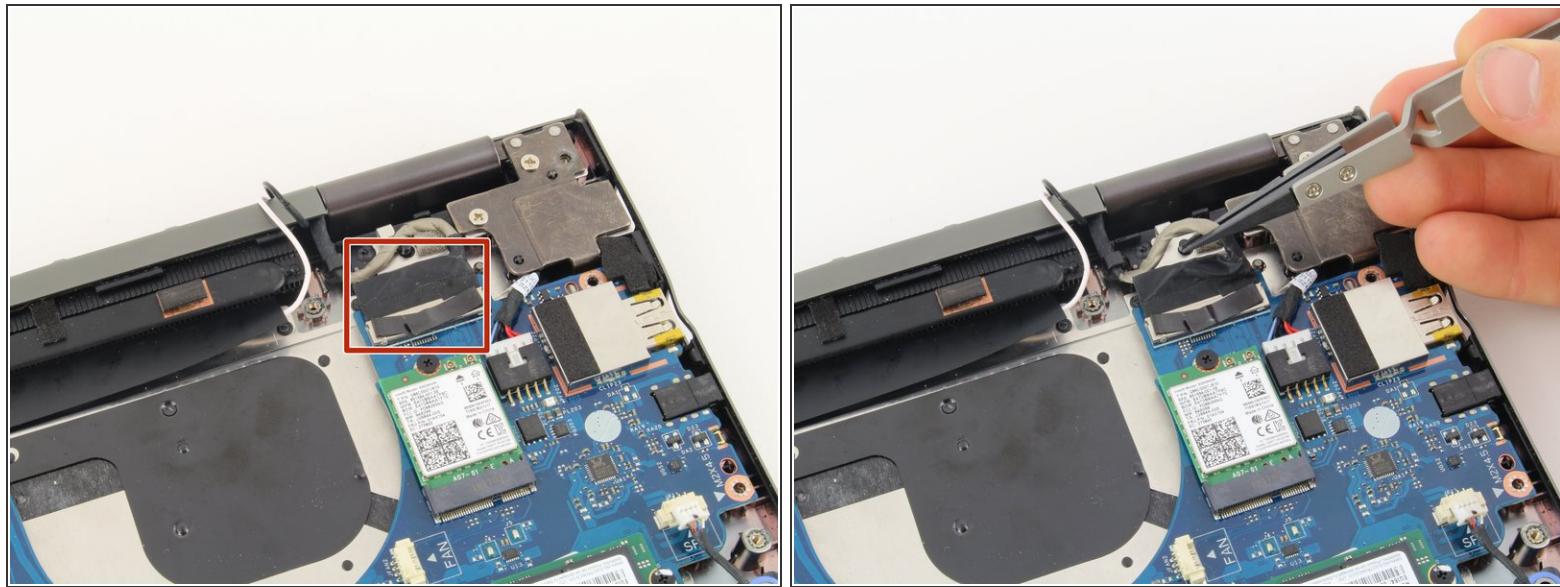
- Remove the sticky tape from the top of the wireless card.

## Step 18



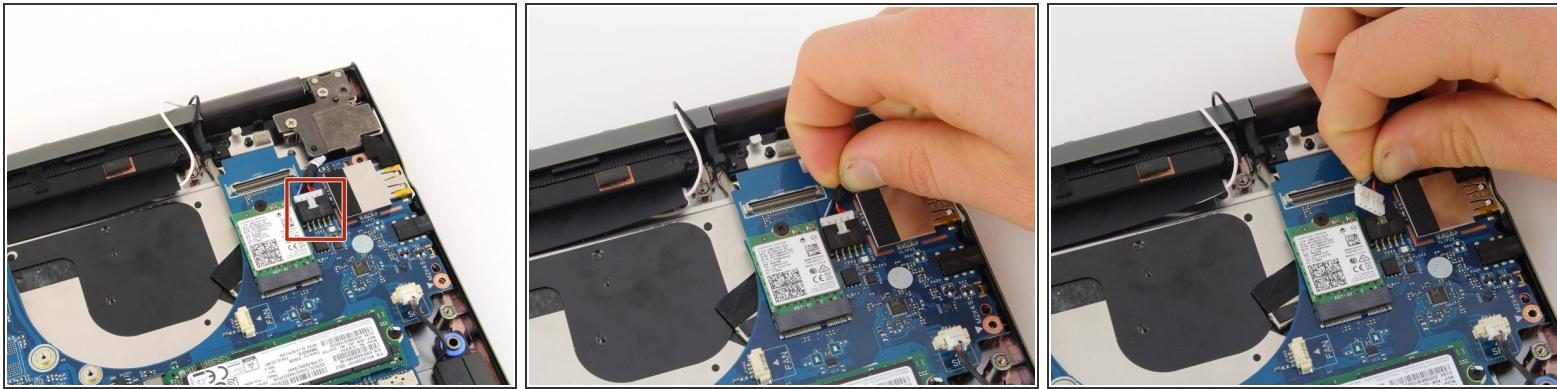
- Pull the black and white antenna wires off of the wireless card.
- ★ For reassembly, the white wire connects to the right terminal marked "1." The black wire connects to the left terminal marked "2."

## Step 19



- Pull up on the thick gray display cable near the back of the laptop to disconnect the display.

## Step 20

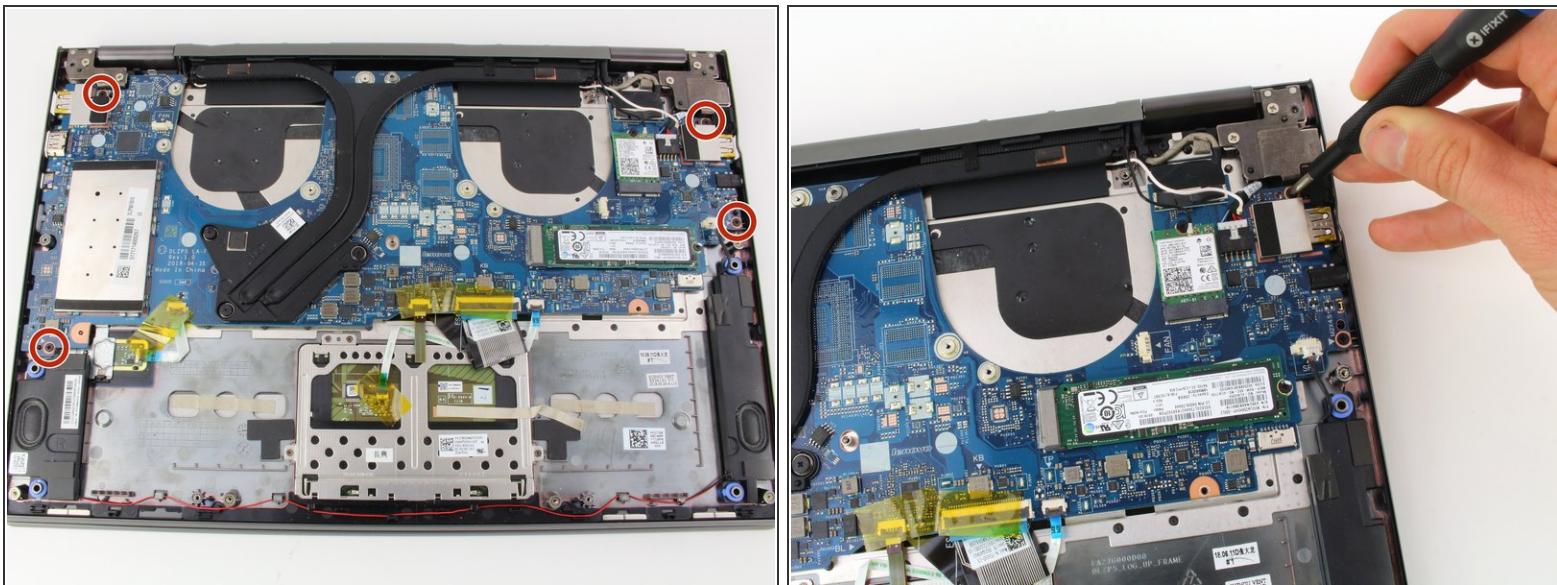


ⓘ The charger port is connected to the computer by a cable at the top left of the motherboard.

- Disconnect the cable by pulling the bundle of wires firmly toward the back of the laptop.

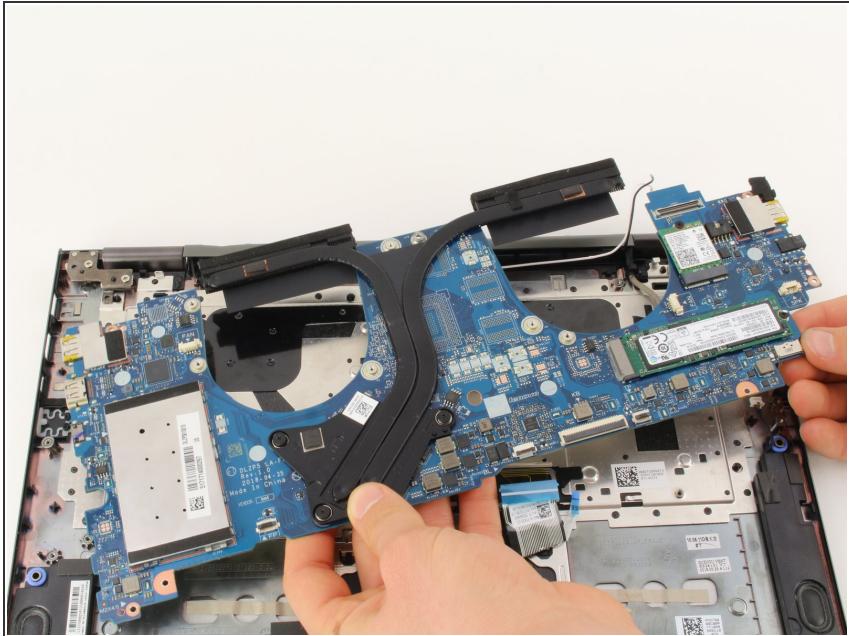
⚠ The cable requires some force to remove. Make sure you do not damage the connector or cable.

## Step 21



- Remove four 4mm Phillips #1 screws.

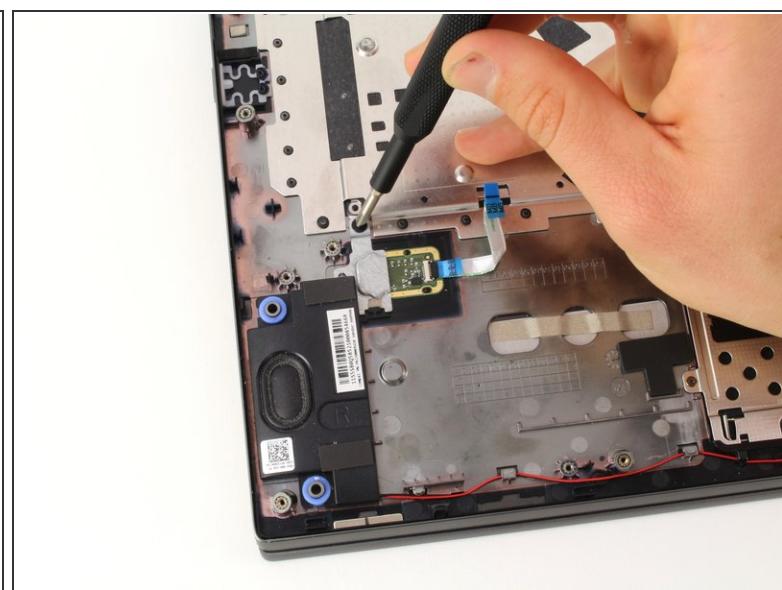
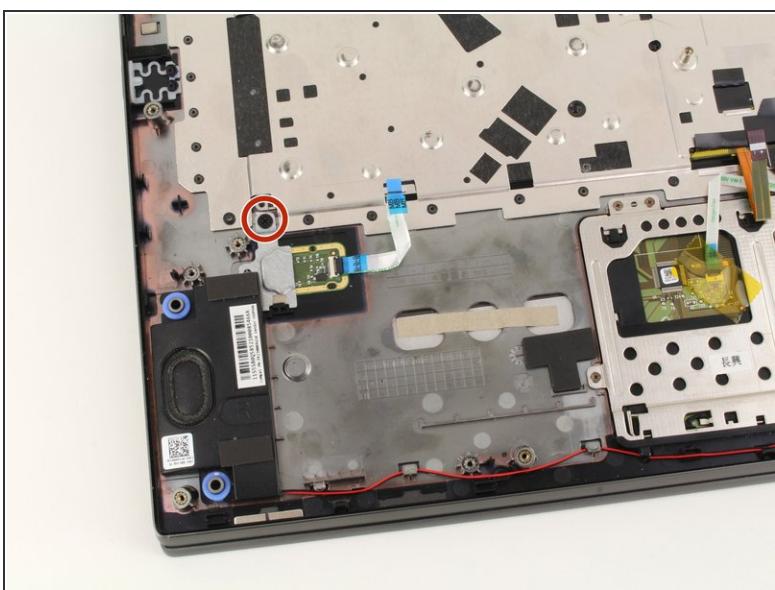
## Step 22



- Pull the motherboard up out of the laptop chassis.

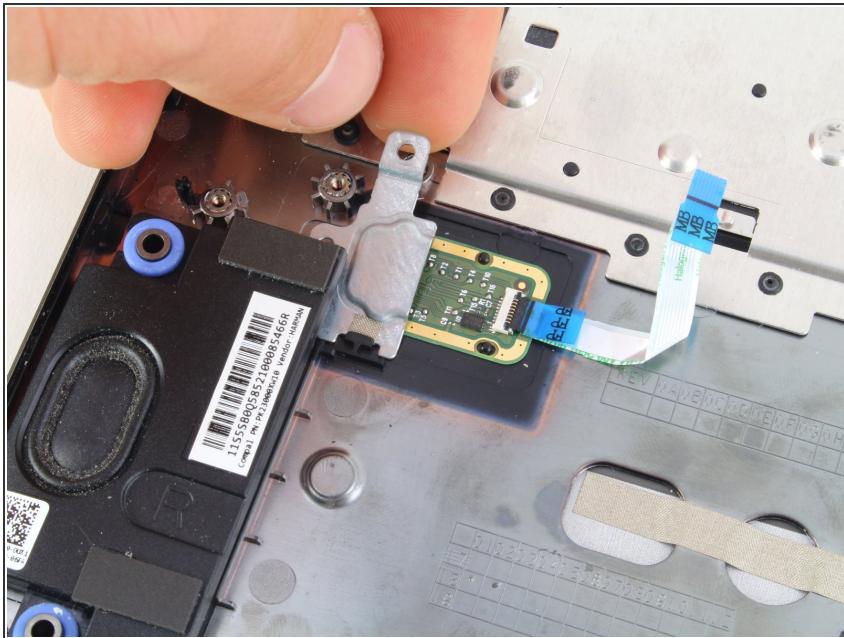
*(i)* If you are replacing the motherboard, make sure to remove the [SSD](#), [wireless card](#), [heat sink](#), and extra [RAM](#). Transfer these components to the new motherboard.

## Step 23 — Fingerprint Reader



- Remove one 2mm Phillips #1 screw.

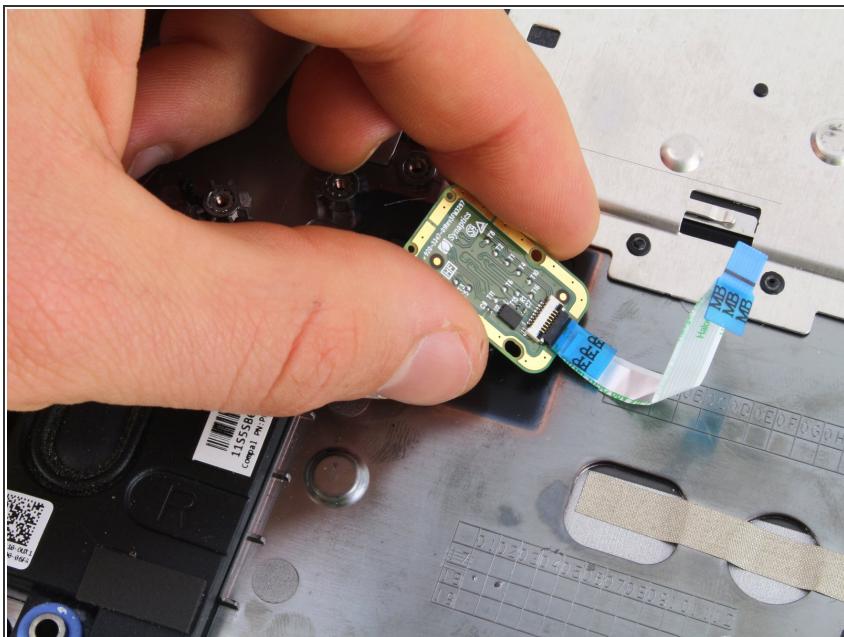
## Step 24



- Remove the small metal plate from above the reader.

*(i)* The ribbon should be kept in case the new fingerprint reader doesn't come with a new ribbon to connect it to the motherboard.

## Step 25



- Pull the fingerprint reader up out of the chassis.

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