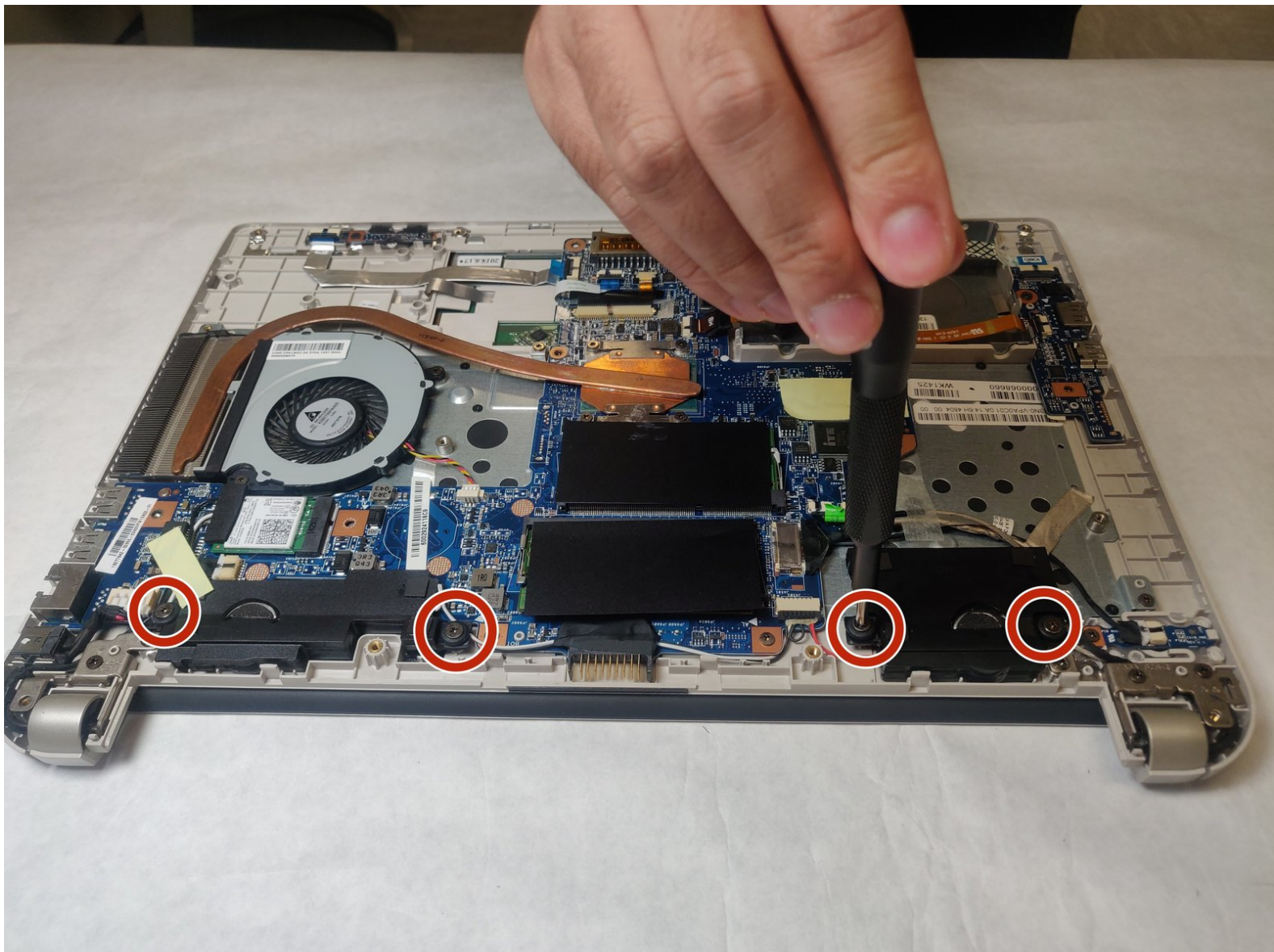




# Toshiba Satellite E45t-B4204 Keyboard Replacement

This guide will explain the process of removing...

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## INTRODUCTION

This guide will explain the process of removing the keyboard in the Toshiba Satellite E45t-B4204. Keyboard removal requires nearly all major components being removed to



### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Back Case



- Remove all 14 of the 4 mm screws on the back side of the laptop with a Phillips #1 screwdriver.

## Step 2



- Gently pull out the battery.

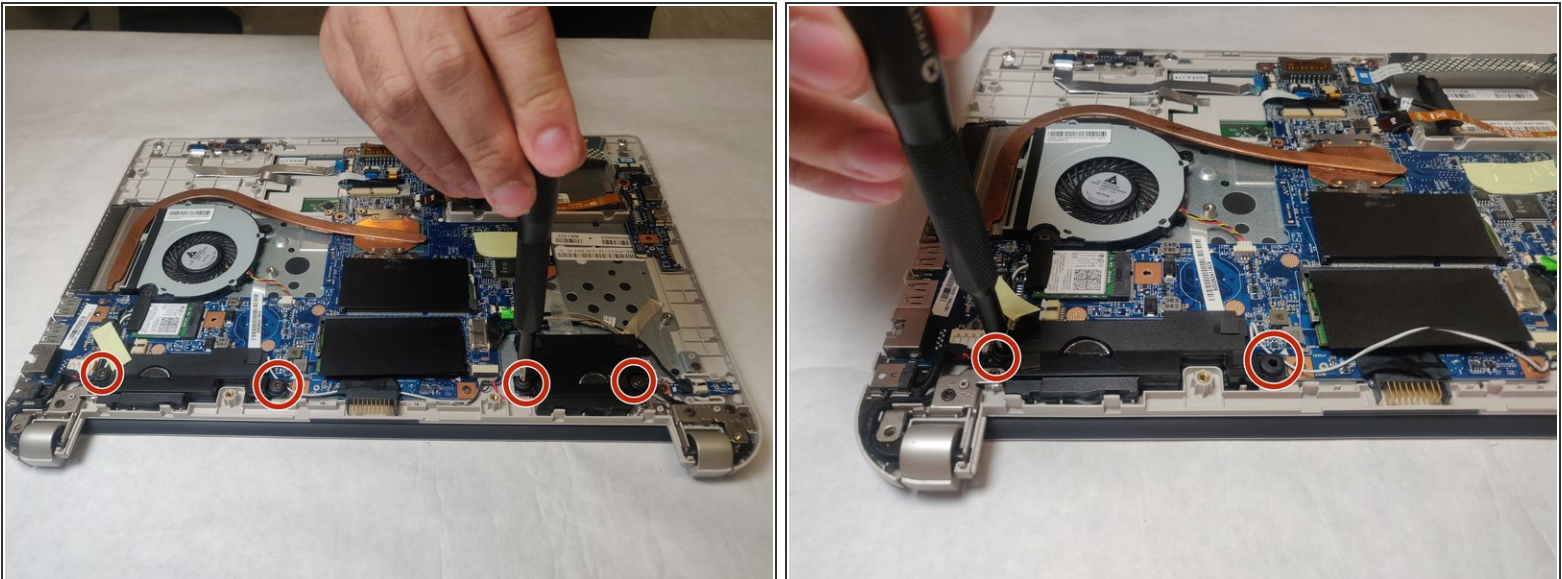


## Step 3



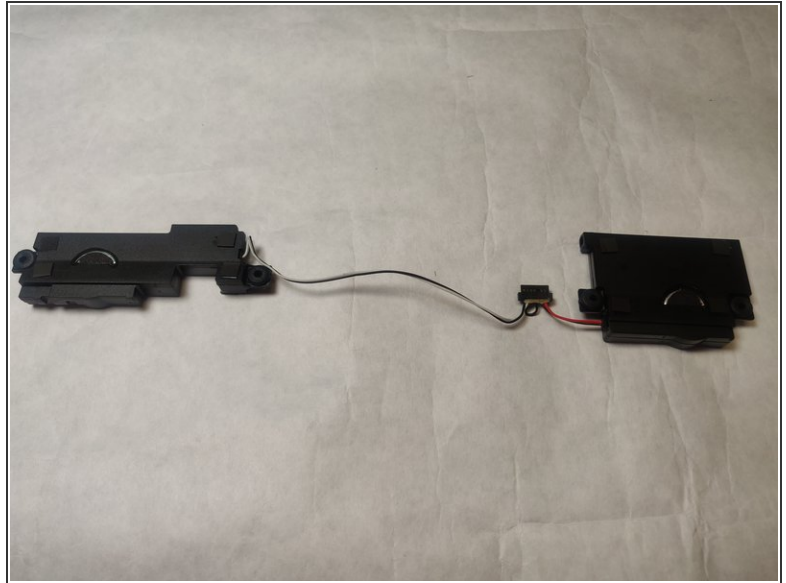
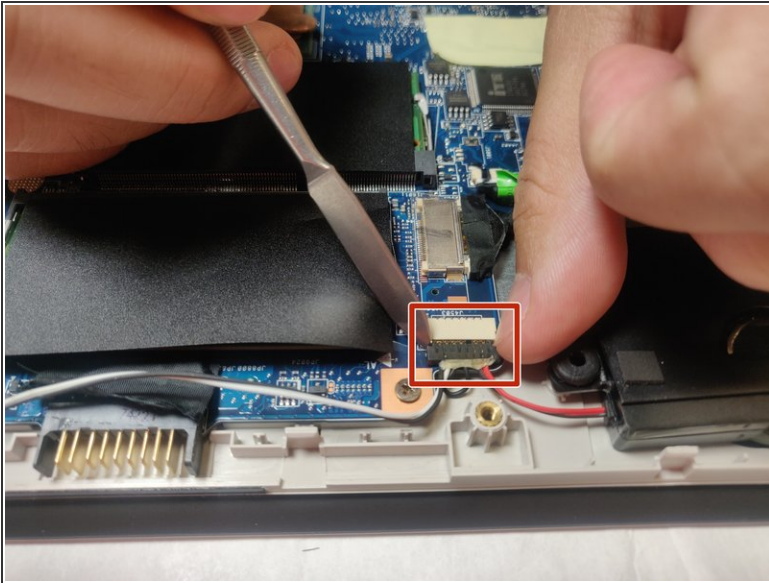
- Lift up in the spaces left by the battery to create a gap between the back case and the laptop body.
- Run a spudger along both sides of the laptop to widen the separation and release the clips holding the back case on.
- Remove the back case.

## Step 4 — Keyboard



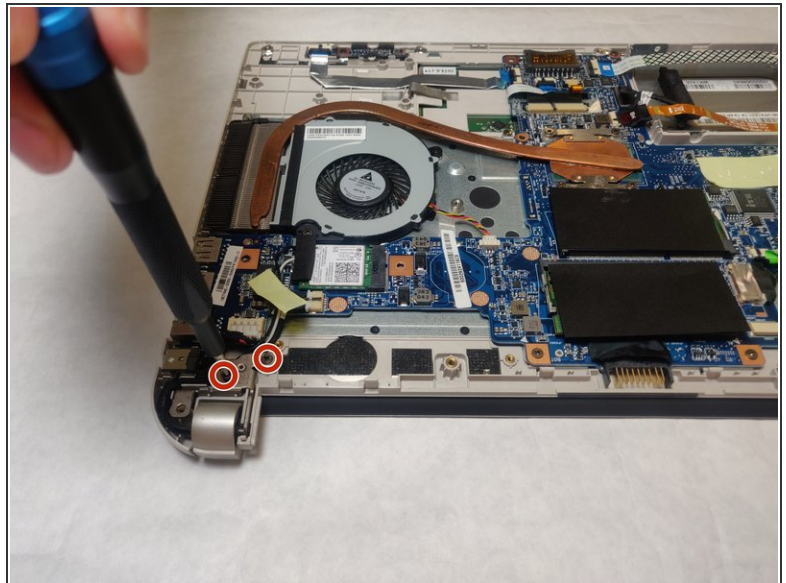
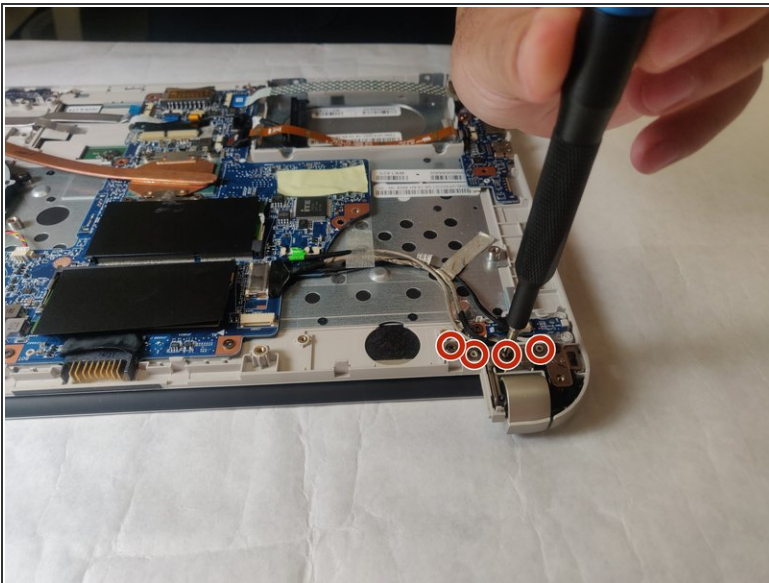
- Remove speaker by unscrewing the 4 screws at the side of the speaker with the Phillips #1 screwdriver.

## Step 5



- Unplug speaker wires from the motherboard using a spudger or plastic opening tool.  
⚠ Using a metal spudger as shown in the photo could potentially damage your device.
- Remove speakers.

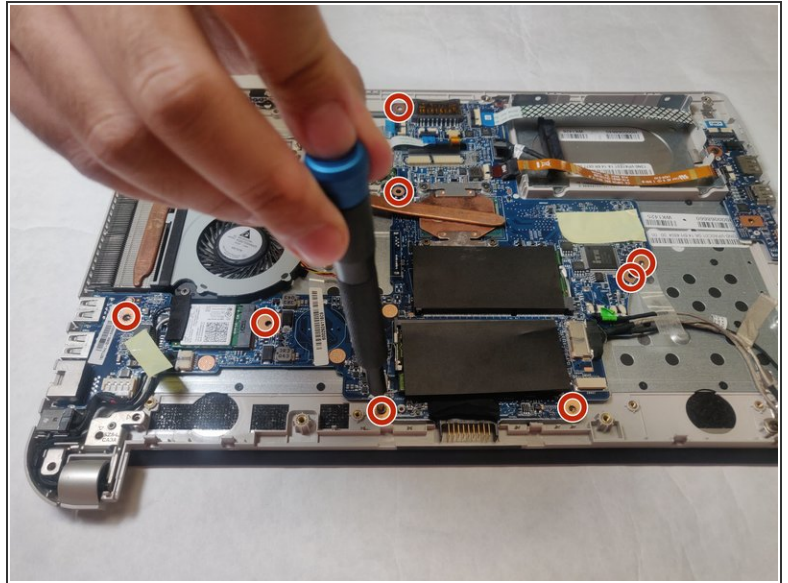
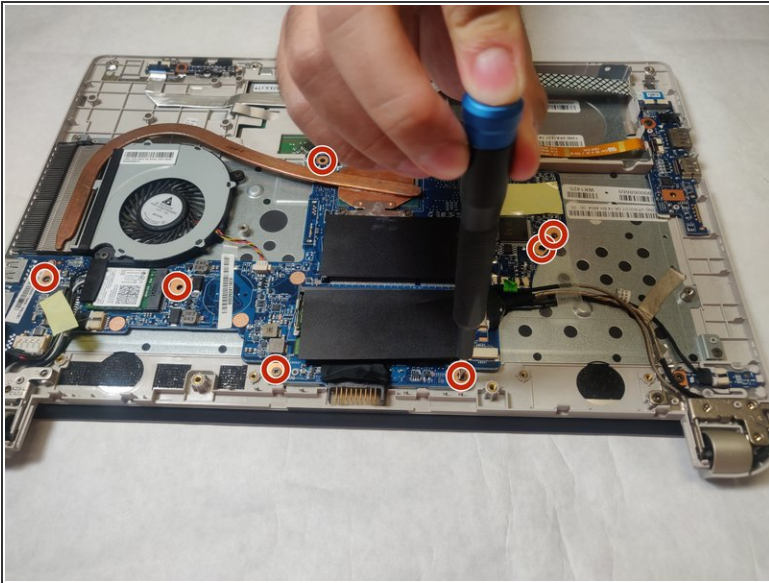
## Step 6



- Unscrew 6 screws from the chassis with the Phillips #1 screwdriver.

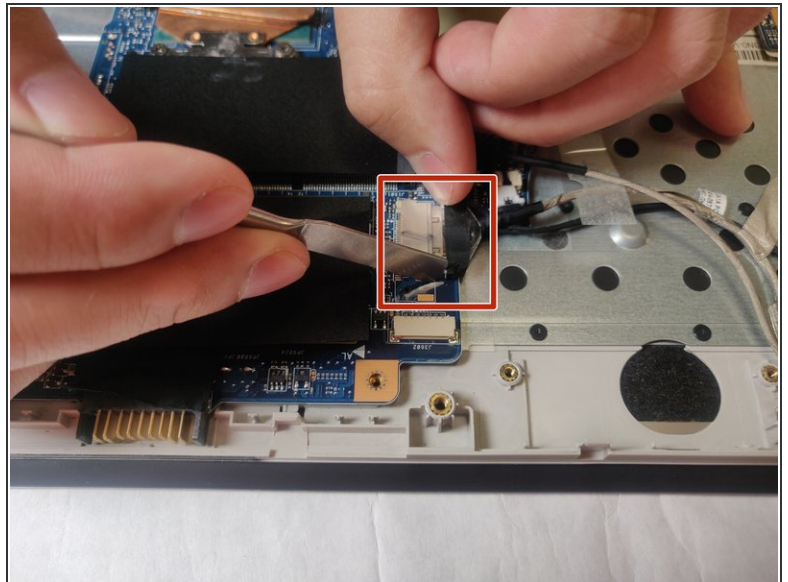
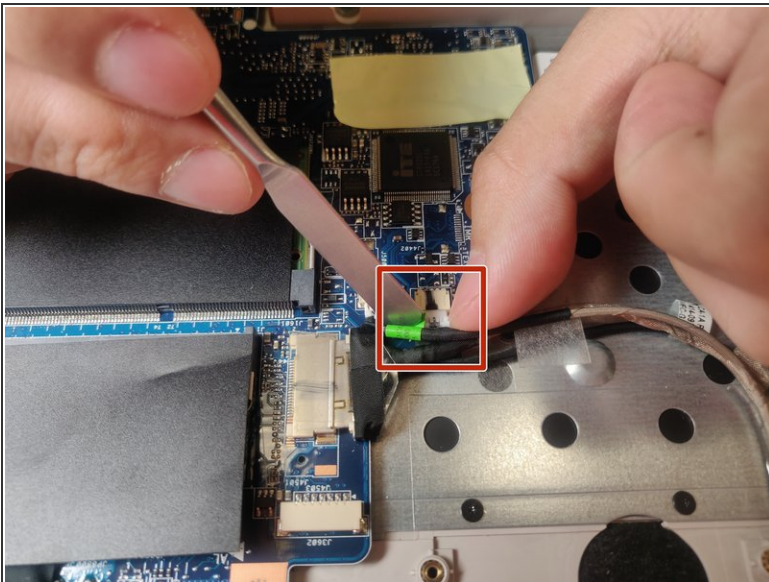


## Step 7



- Unscrew 8 screws from the motherboard using the Phillips #1 screwdriver.

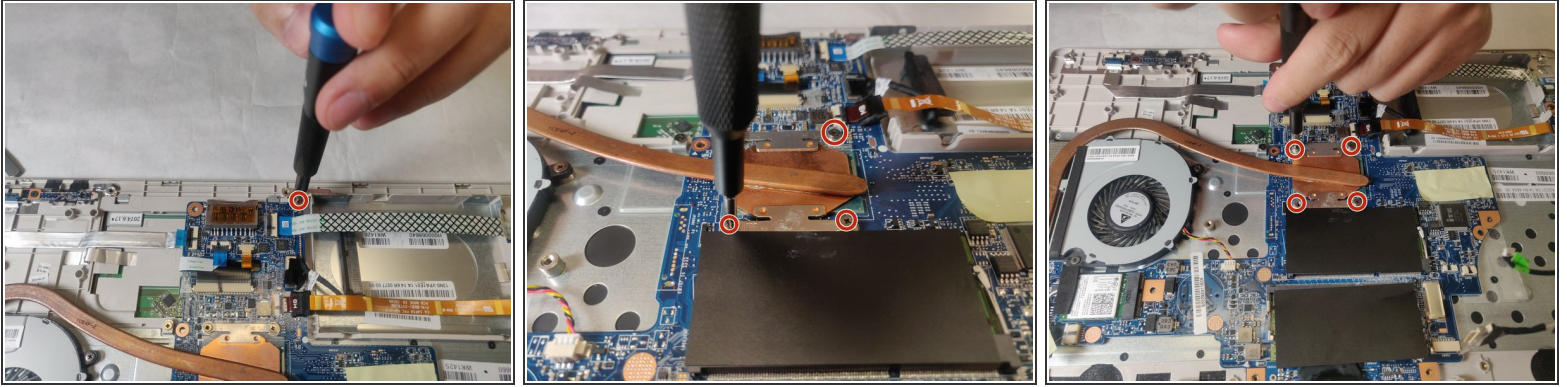
## Step 8



- Unplug wire from the motherboard.

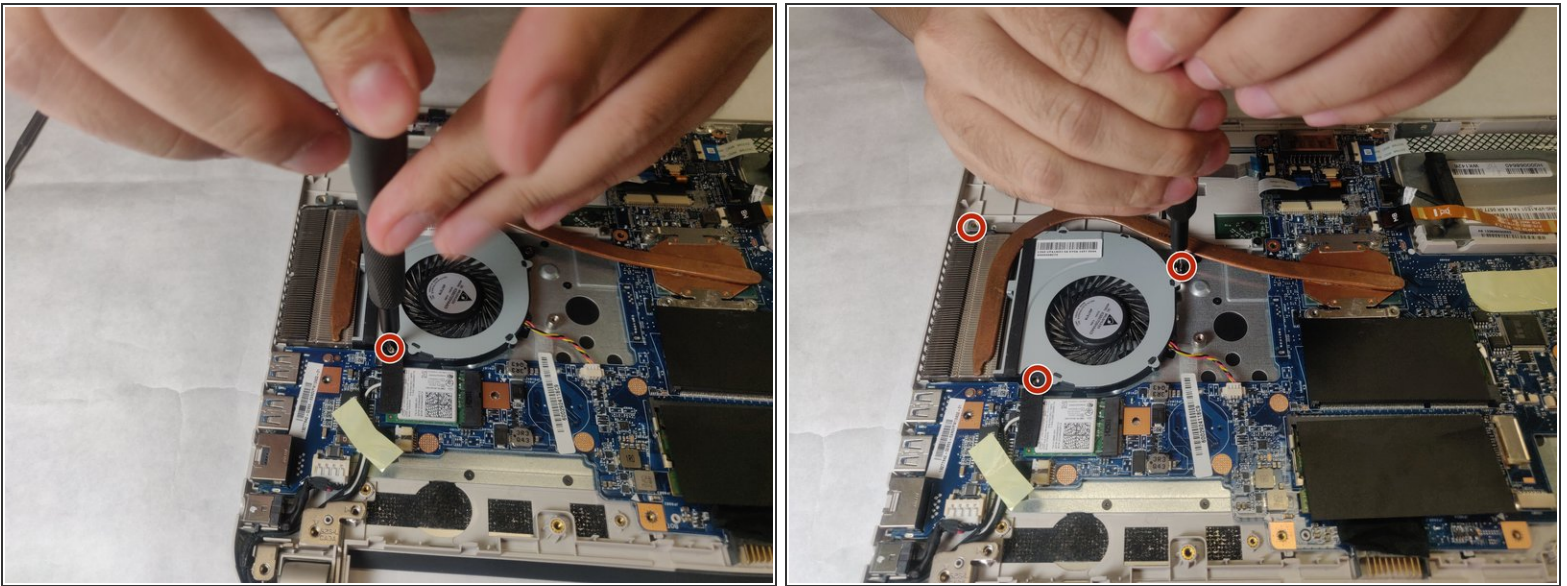


## Step 9



- Unscrew screws from the motherboard using the Phillips #1 screwdriver.

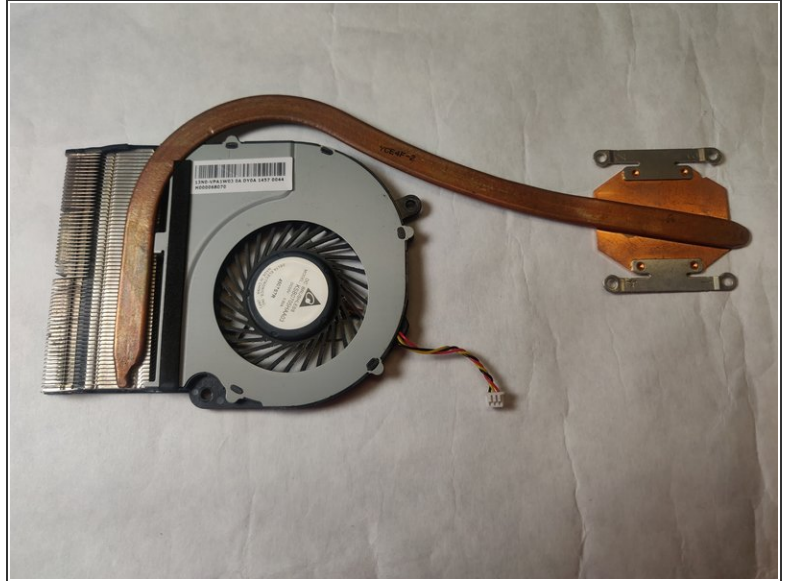
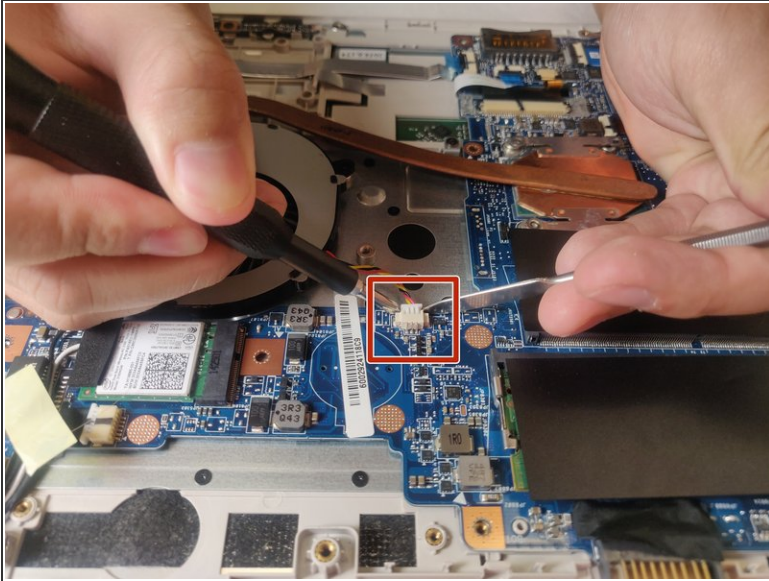
## Step 10



- Unscrew screws from the CPU heat sink using the Phillips #1 screwdriver.

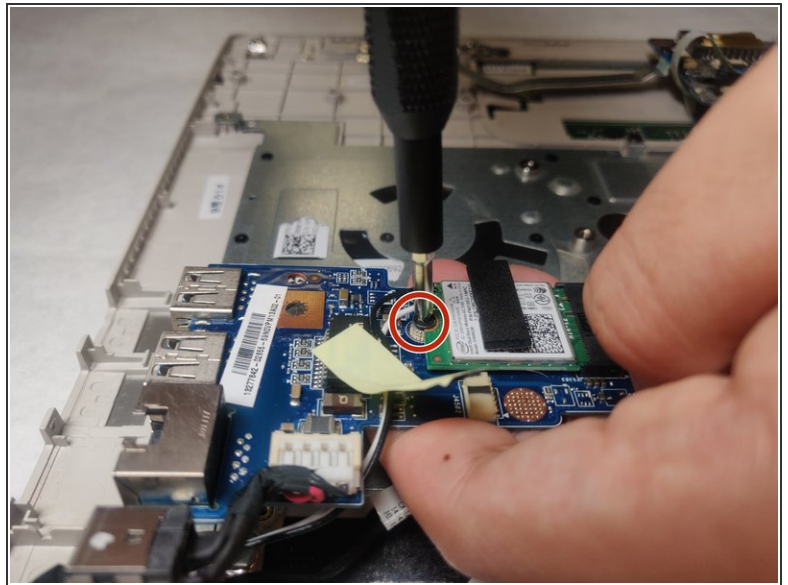
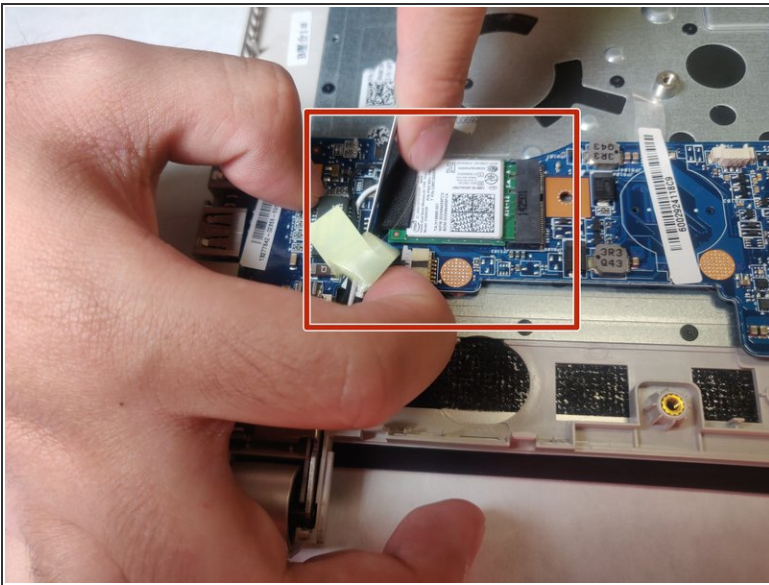


## Step 11



- Unplug the wire from the motherboard.
- Remove the heat sink.

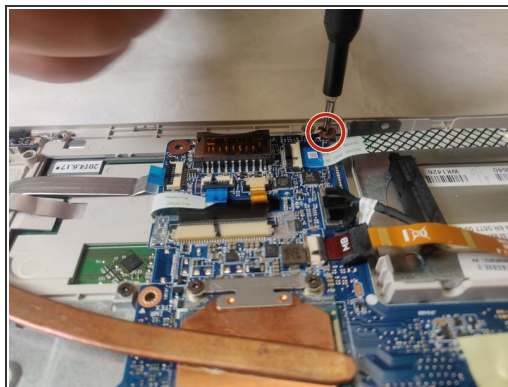
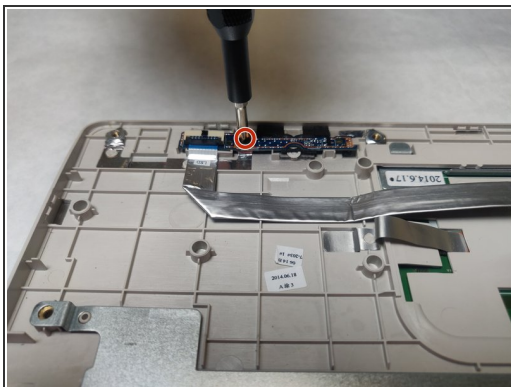
## Step 12



- Remove the CPU.

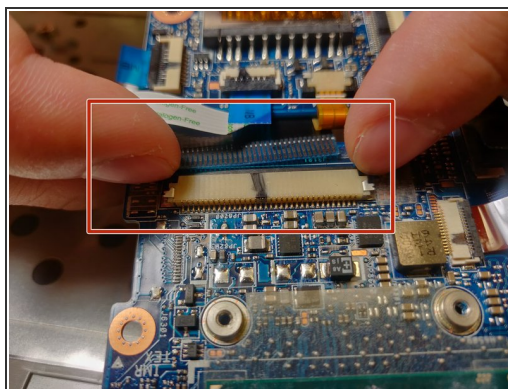
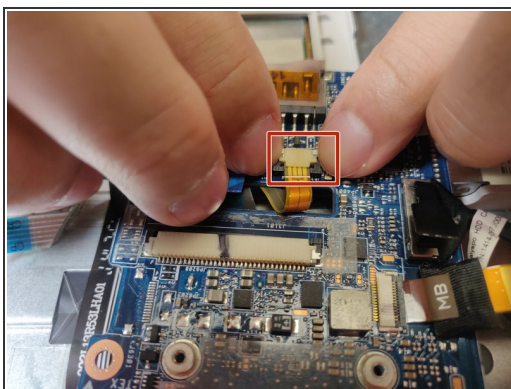


## Step 13



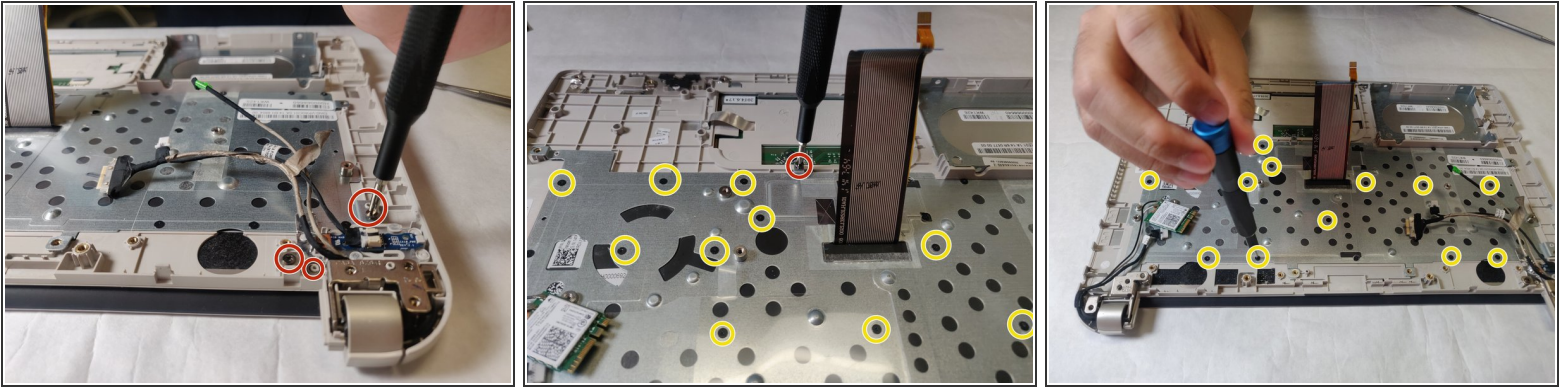
- Unscrew the motherboard with the Phillips #1 screwdriver.

## Step 14



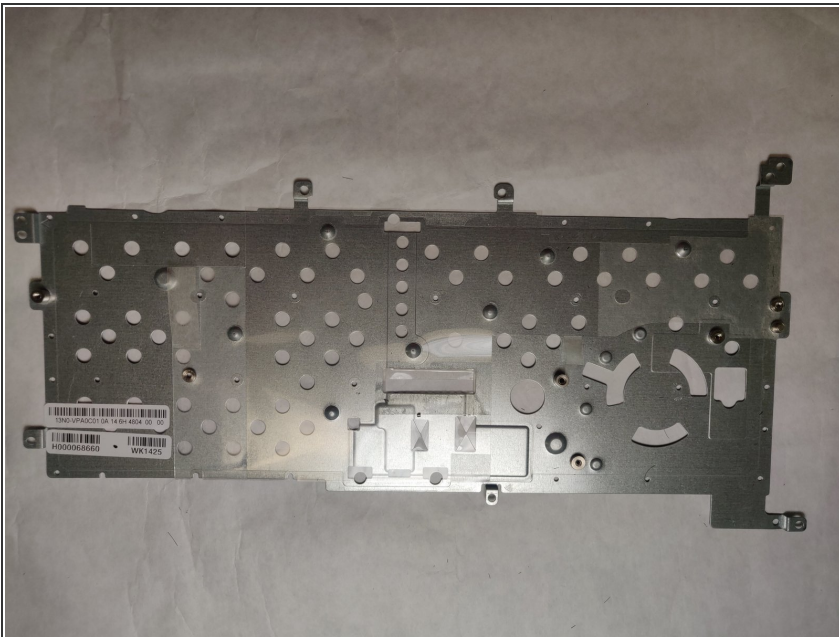
- Unplug wire from the motherboard.
- Remove the motherboard.

## Step 15



- Unscrew the keyboard cover using the Phillips #0 screwdriver.
- Unscrew the keyboard cover using the #1 screwdriver.

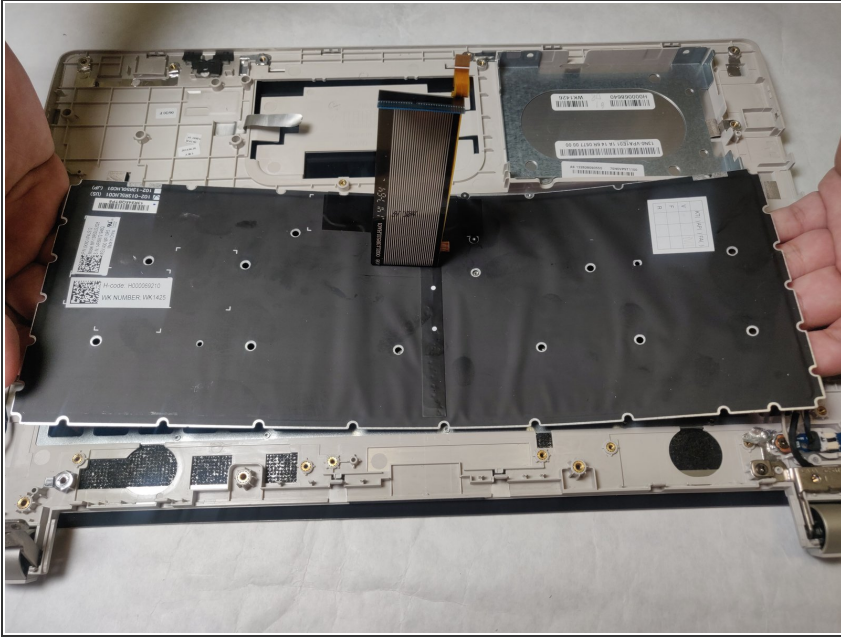
## Step 16



- Remove the keyboard cover.



## Step 17



- Remove the keyboard.

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