



# Asus Vivobook Max X541SA-PD0703X Battery Replacement

This guide will provide instructions on how to access the interior parts of the Asus Vivobook Max X541SA-PD0703X and replace the battery.

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## INTRODUCTION

A battery is an essential part of the laptop which is needed in order to power on and use the computer. This guide will show you how to replace the battery of your Asus Vivobook Max X541SA-PD0703X. In order to replace the battery, you will have to remove the hard drive, motherboard, wifi card, and disc drive insert.

### TOOLS:

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

### PARTS:

- [Battery](#) (1)

## Step 1 — Hard Drive



- Flip the laptop upside down so that the back of the laptop faces you.

## Step 2



- Remove the following ten Phillips #0 screws from the bottom of the laptop:
  - Six 13mm screws.
  - Four 11mm screws.

## Step 3



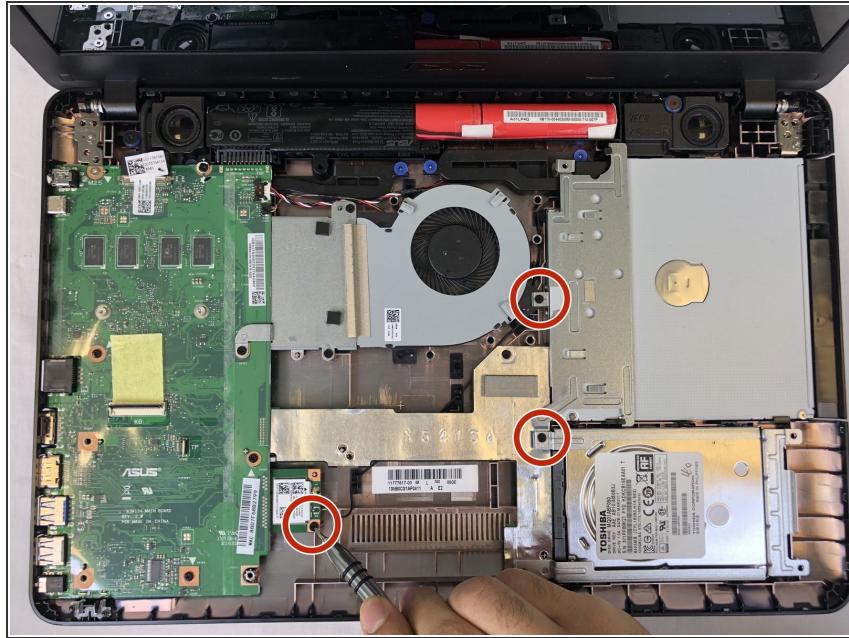
- Using a plastic opening tool, pry up the palm rest from the bottom case of the laptop.
- *(i)* Don't completely remove as there are ribbon cables connecting the two halves.

## Step 4



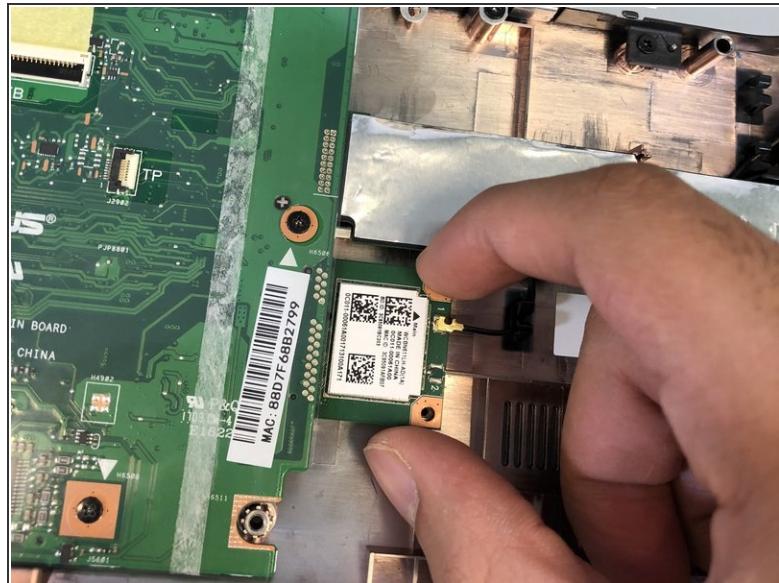
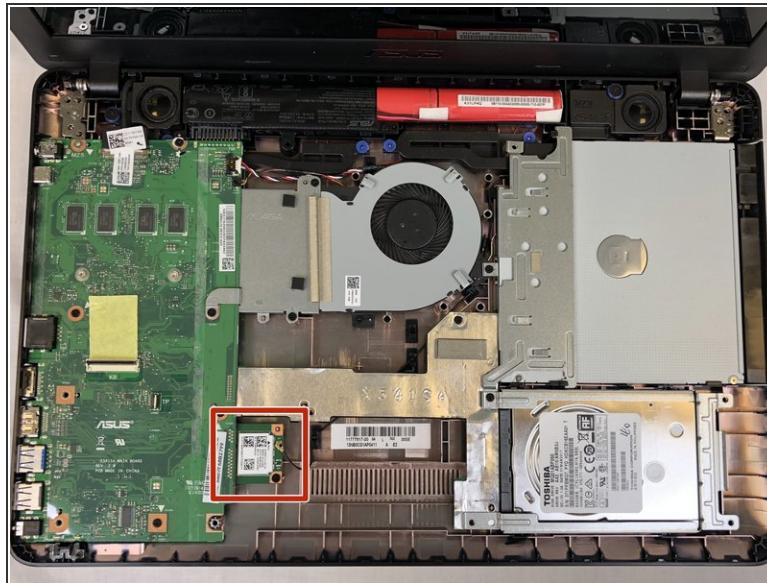
- Use a spudger to flip up the retaining flaps on both keyboard ribbon cable [ZIF](#) sockets.
- Pull the ribbon cables out of their sockets.

## Step 5



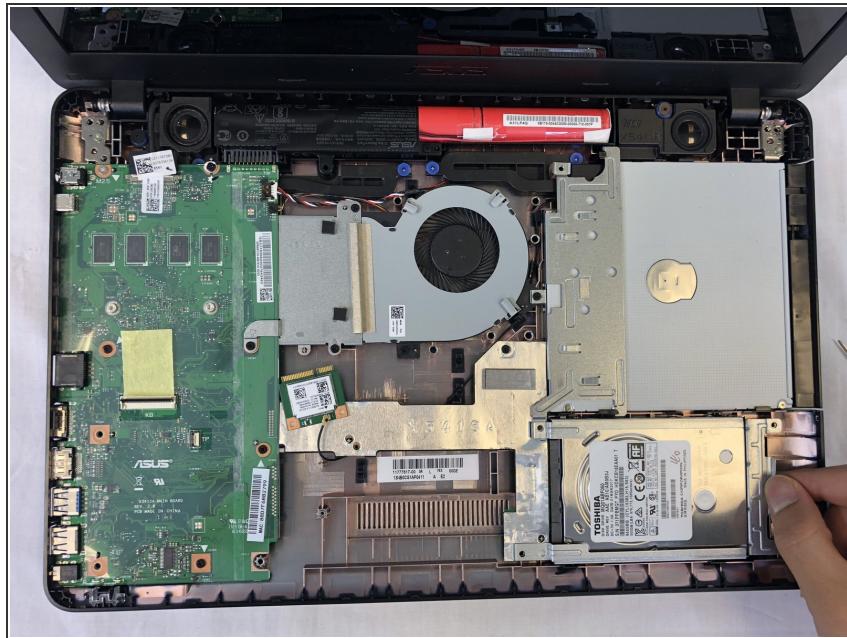
- Remove the three 6mm Phillips #0 screws from the motherboard.

## Step 6



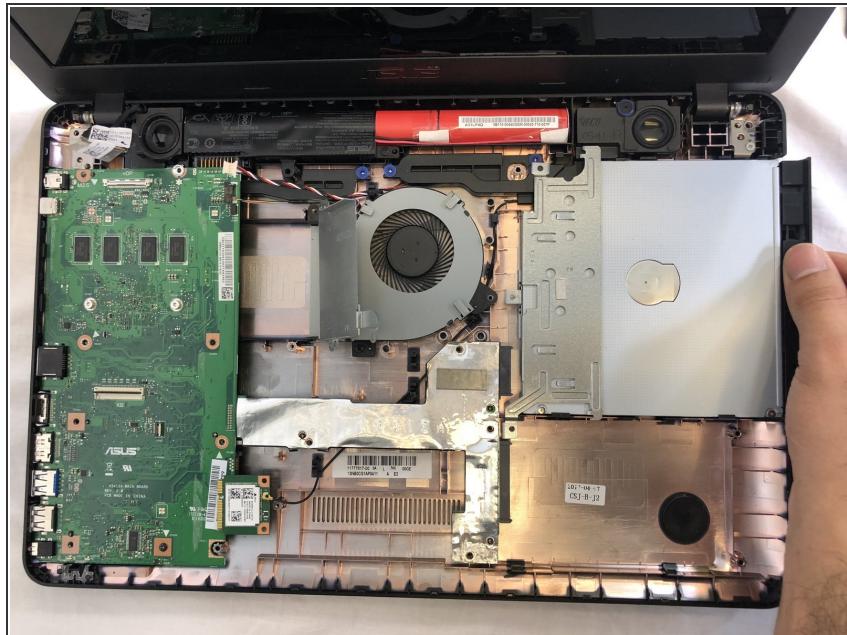
- Pull the Wi-Fi card out of the motherboard.

## Step 7



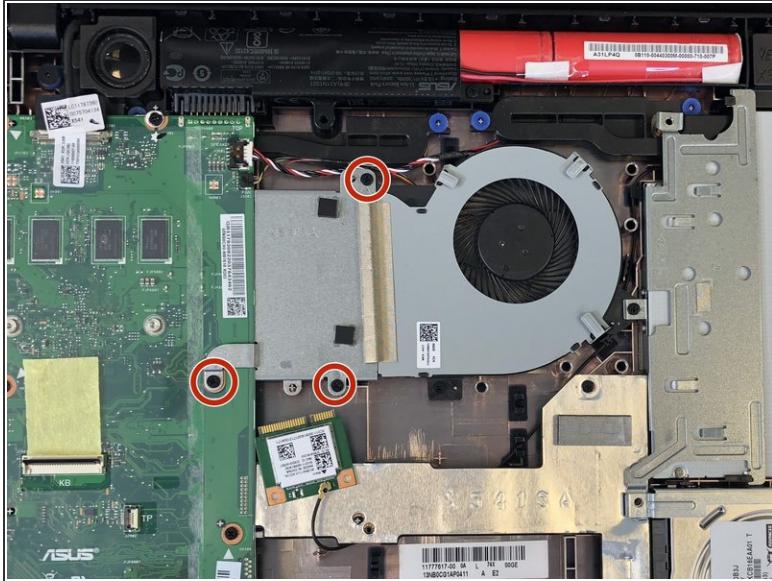
- Remove the hard drive by pulling it towards the right, and removing it from the laptop case

## Step 8 — Disc Drive



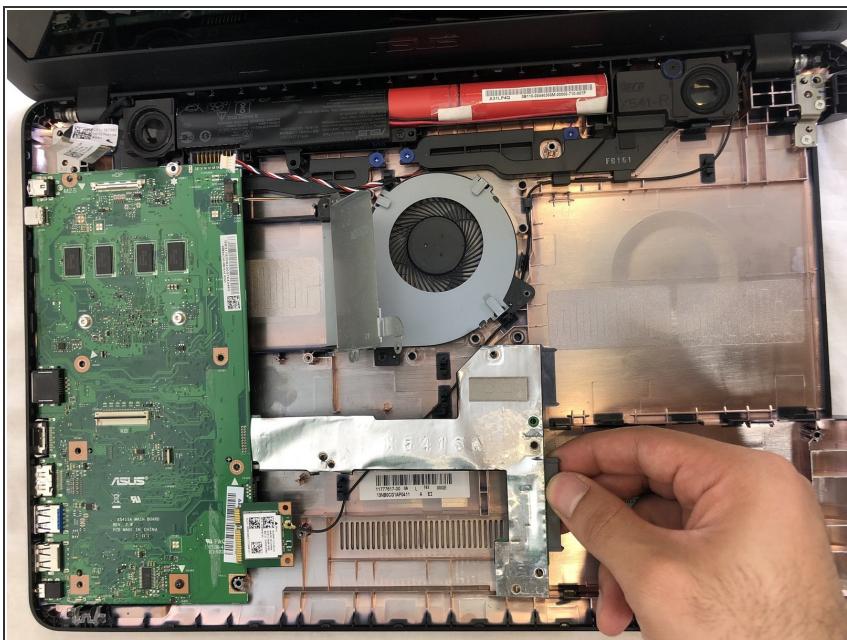
- Remove the disc drive by sliding it towards the right and removing it from the laptop case

## Step 9 — Motherboard



- Remove the three 6mm Phillips #0 screws from the fan shroud.
- Remove the shroud from the motherboard.

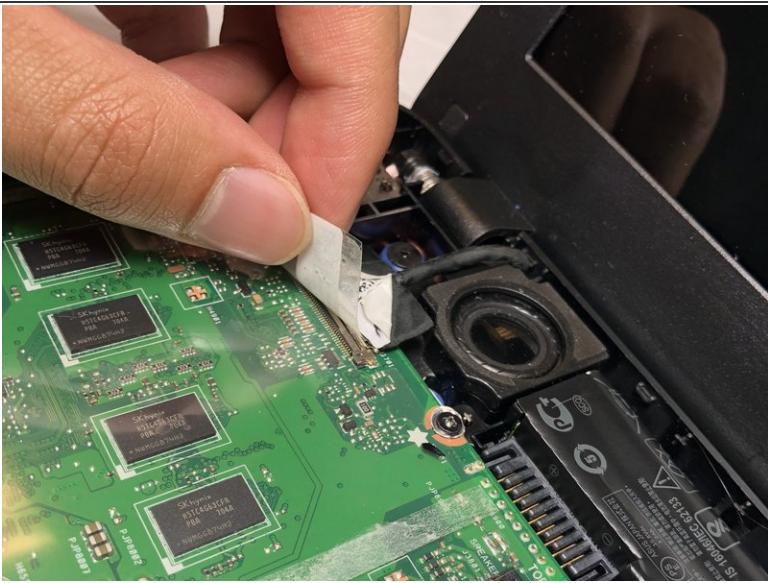
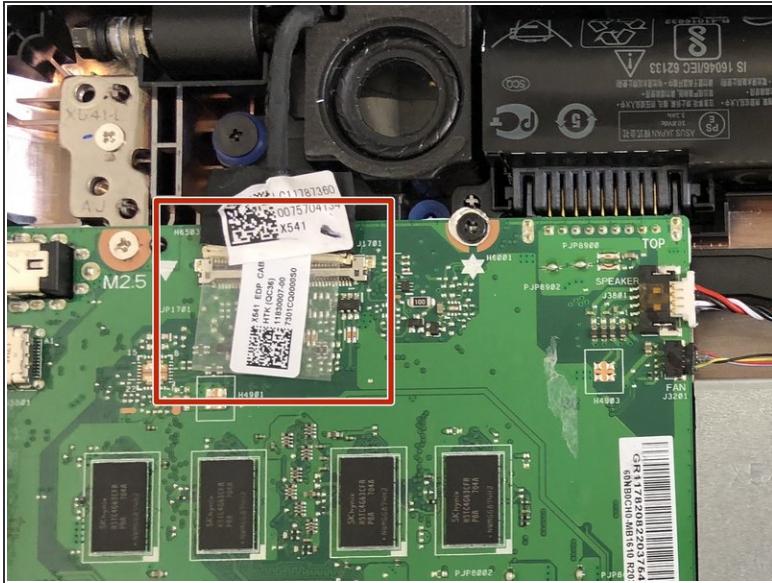
## Step 10



- Pull the metal casing to the right.

**⚠** Be careful when pulling the case because it may break the motherboard.

## Step 11



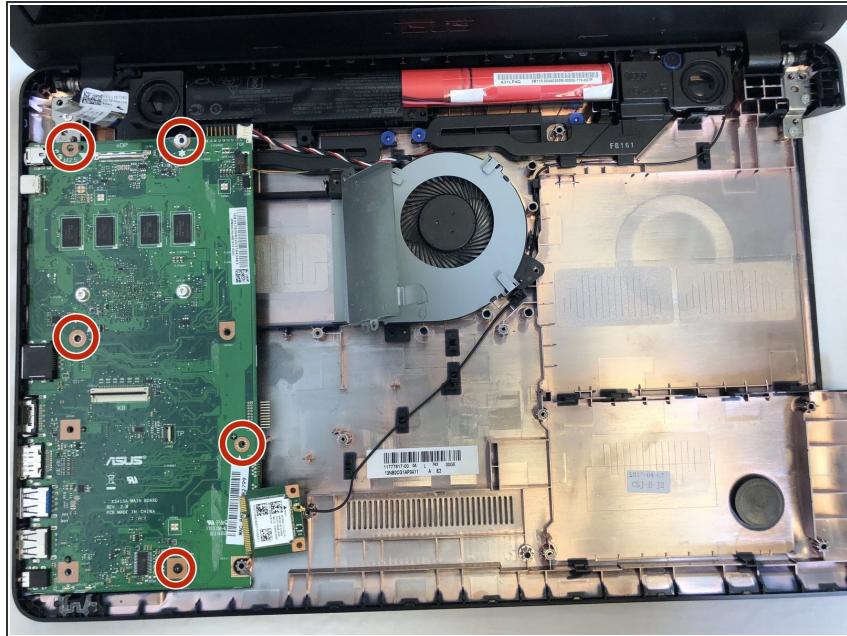
- There is a wire attached to the screen display.
- Peel the sticker and disconnect it from the motherboard.

## Step 12



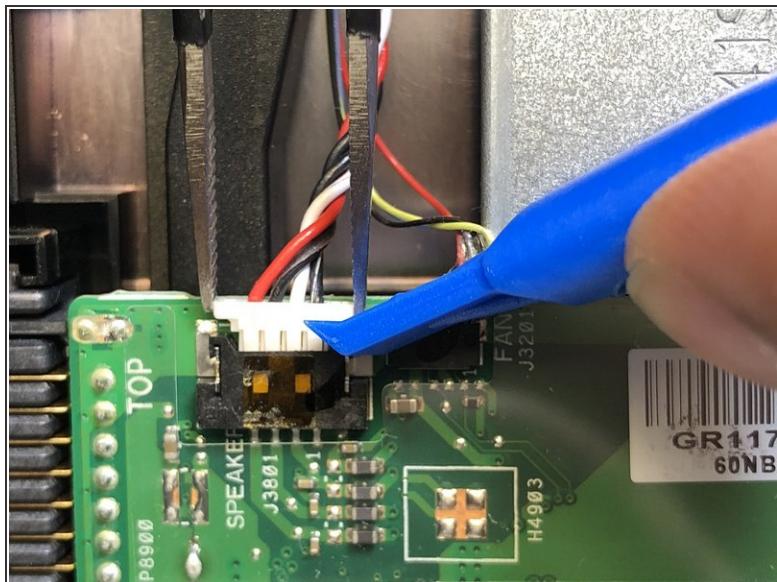
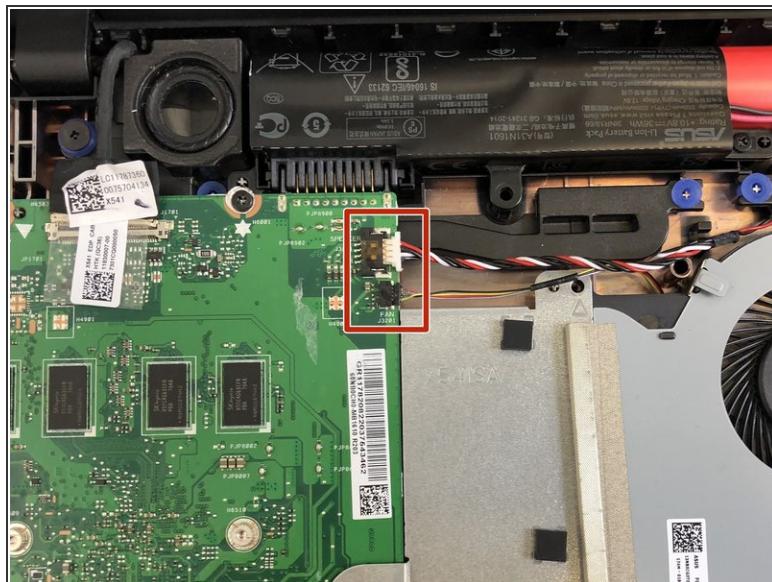
- Remove the plastic covering off of the motherboard.

## Step 13



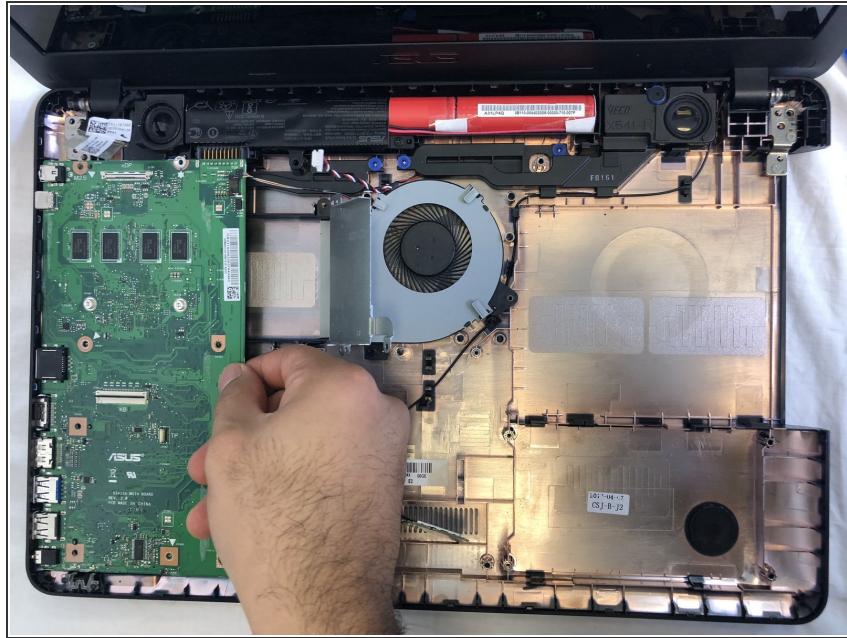
- Remove the five 6mm Phillips #0 screws from the motherboard.

## Step 14



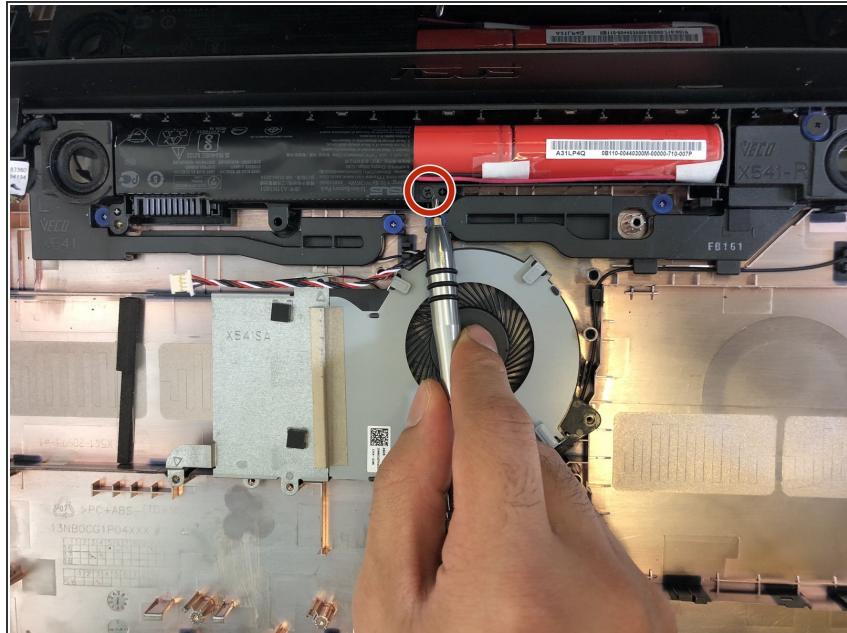
- Remove the cables connected to the motherboard by unplugging them using a plastic opening tool, or by hand.

## Step 15



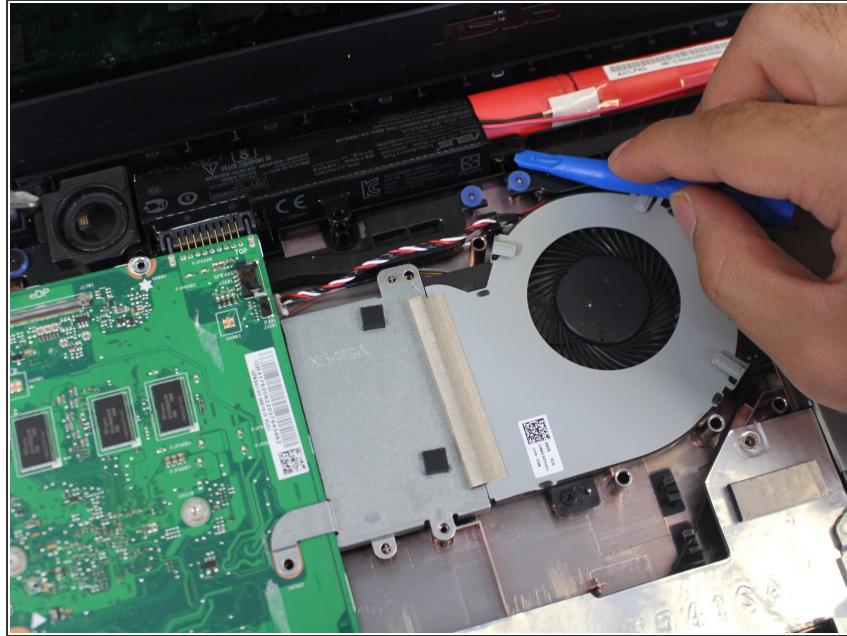
- Pull the motherboard to the right and lift up.

## Step 16 — Battery



- Remove the 6mm Phillips #0 screw from the battery bracket.

## Step 17



- Use a plastic opening tool to remove the battery from the laptop.

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