

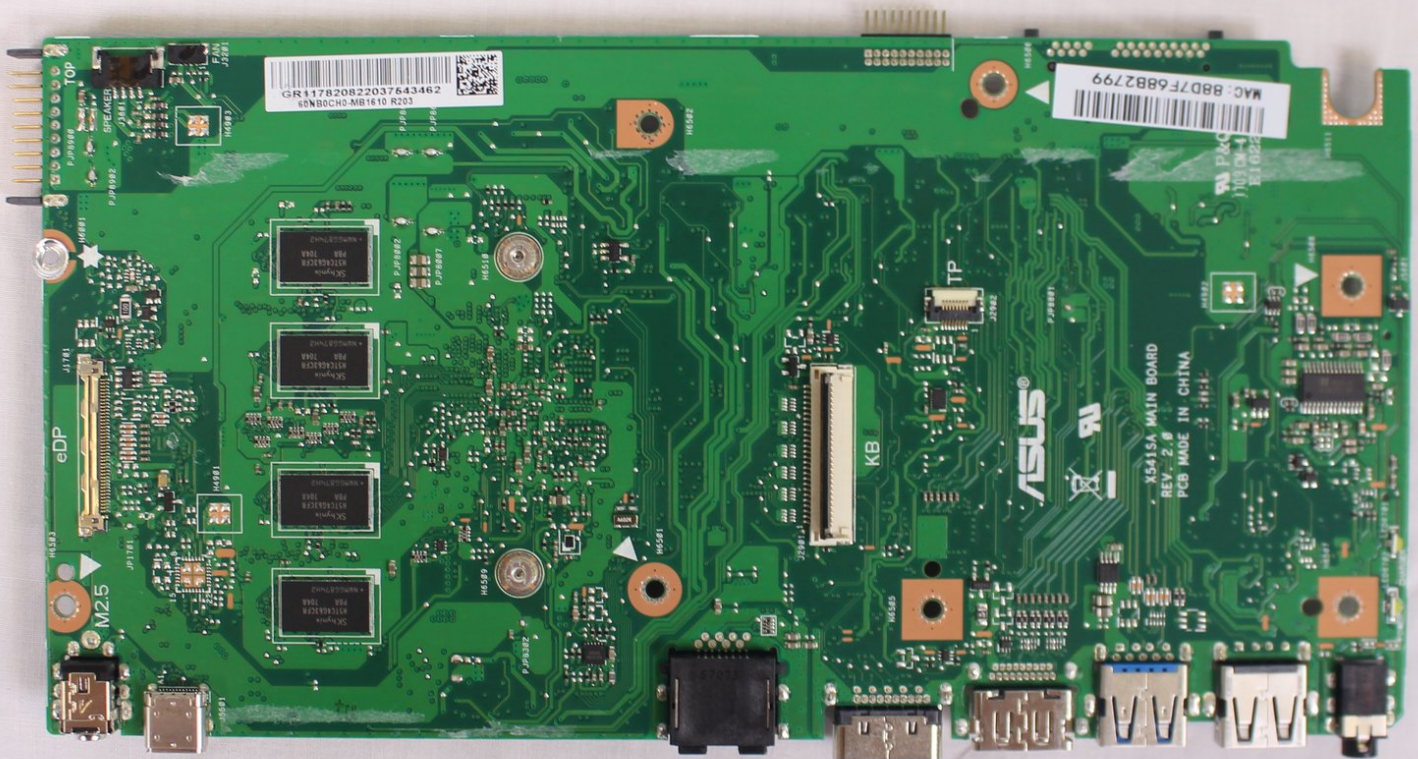


Asus Vivobook Max X541SA-PD0703X

Motherboard Replacement

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

Written By: Hetvi Mehta



INTRODUCTION

This guide will show you how to replace the Motherboard of your Asus Vivobook Max X541SA-PD0703X. In order to replace the Motherboard, you will have to remove the hard drive, wifi card, and CD insert.



TOOLS:

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



PARTS:

- [motherboard](#) (1)

Step 1 — Hard Drive



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

Step 2



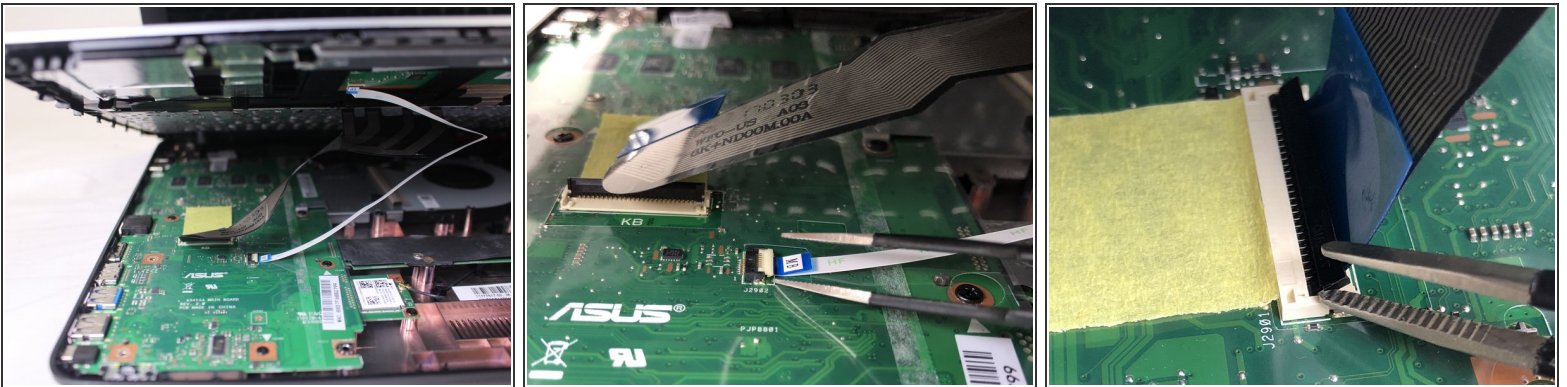
- Remove the following ten Phillips #0 screws from the bottom of the laptop:
 - Six 13mm screws.
 - Four 11mm screws.

Step 3



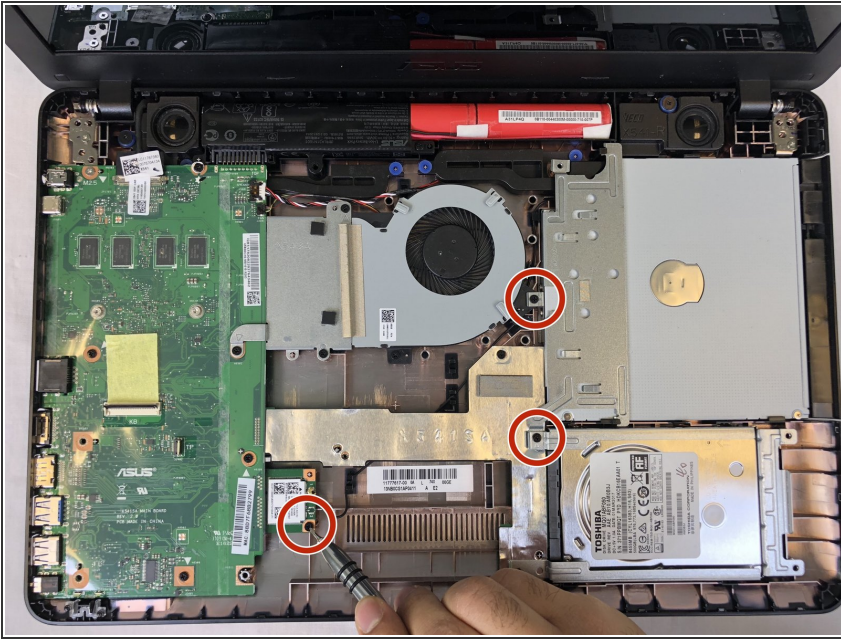
- Using a plastic opening tool, pry up the palm rest from the bottom case of the laptop.
- i** Don't completely remove as there are ribbon cables connecting the two halves.

Step 4



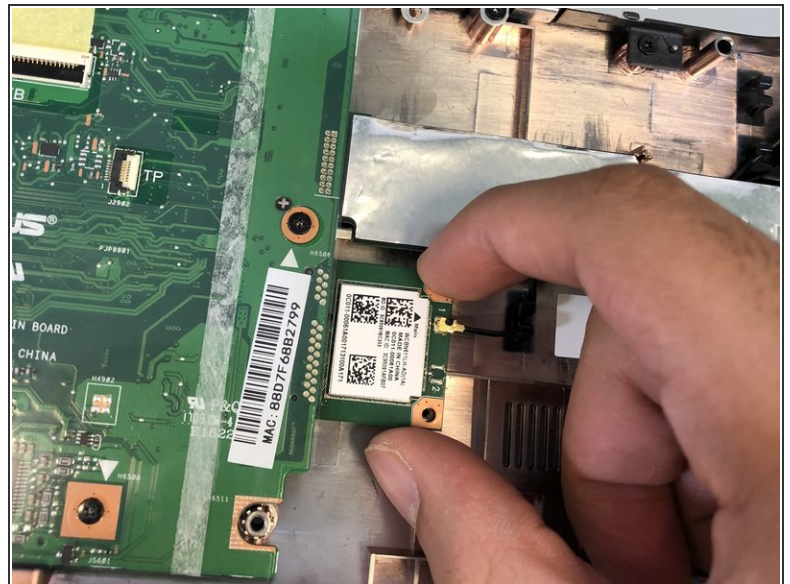
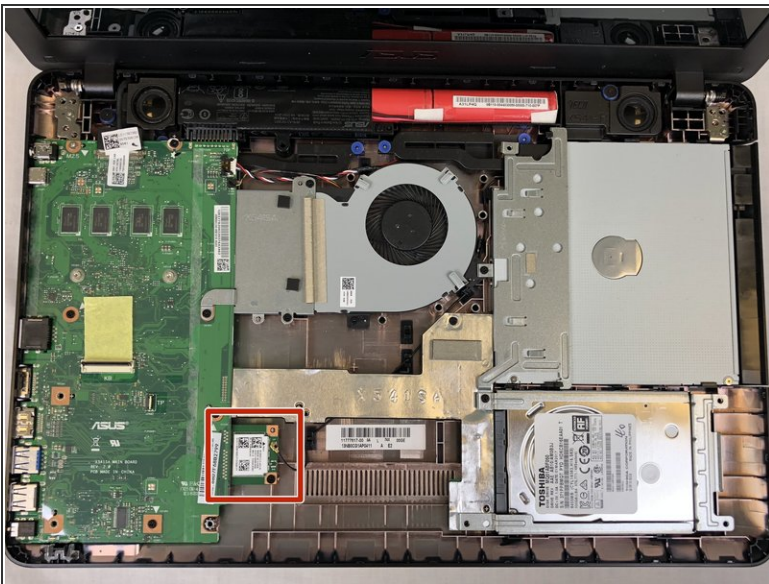
- Use a spudger to flip up the retaining flaps on both keyboard ribbon cable [ZIF](#) sockets.
- Pull the ribbon cables out of their sockets.

Step 5



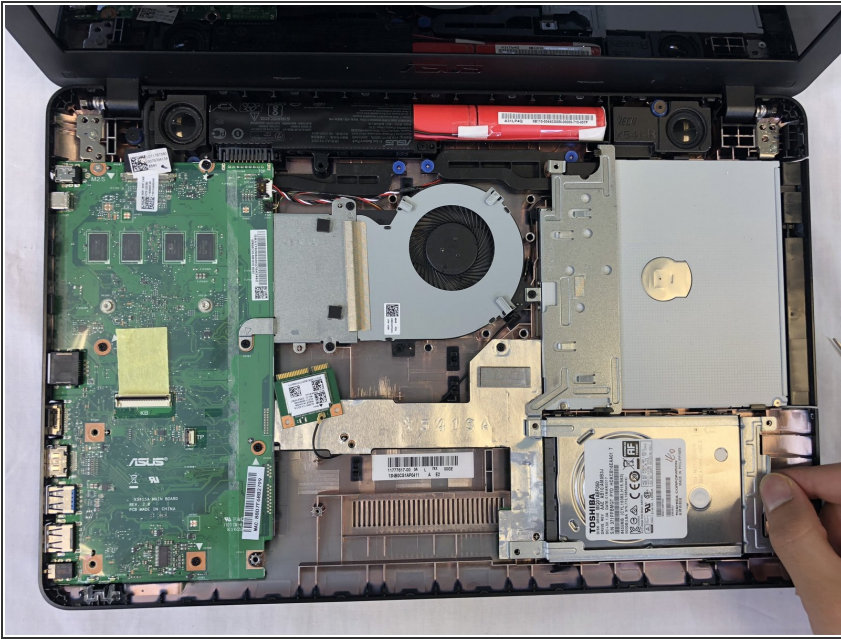
- Remove the three 6mm Phillips #0 screws from the motherboard.

Step 6



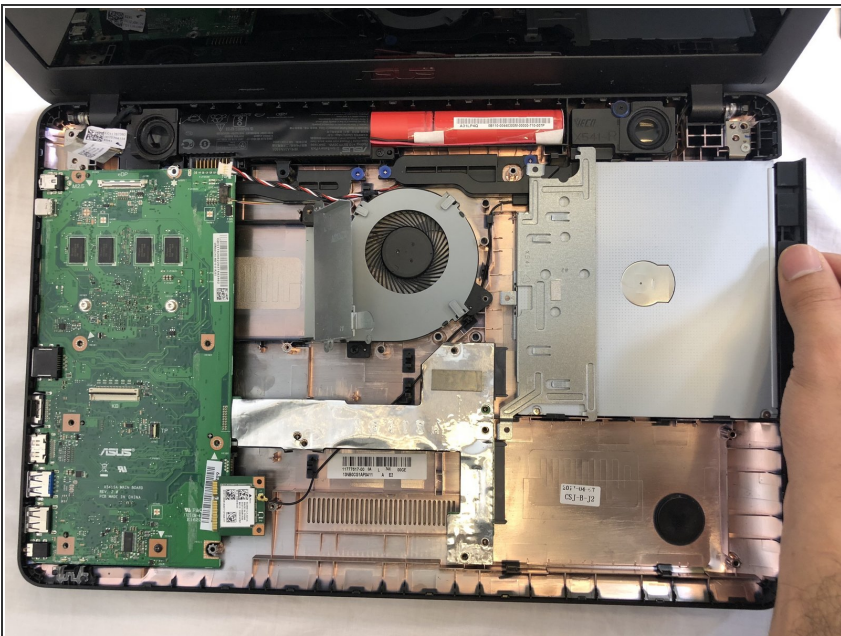
- Pull the Wi-Fi card out of the motherboard.

Step 7



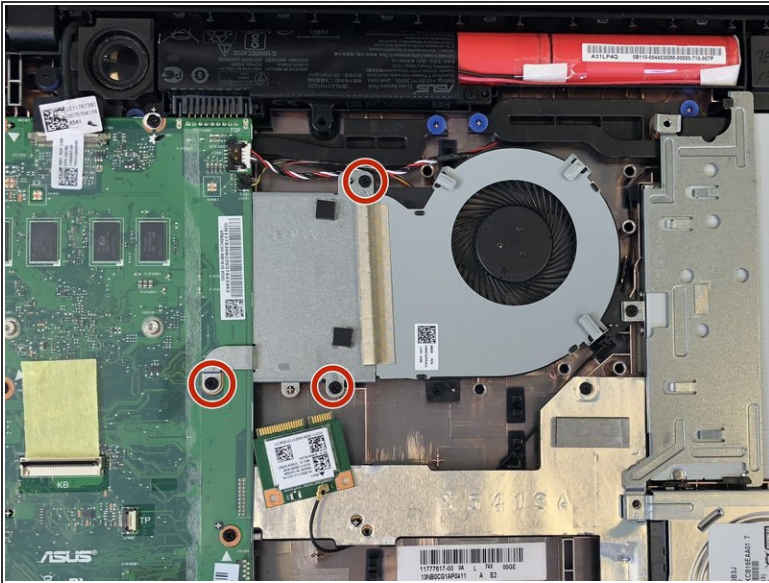
- Remove the hard drive by pulling it towards the right, and removing it from the laptop case

Step 8 — Disc Drive



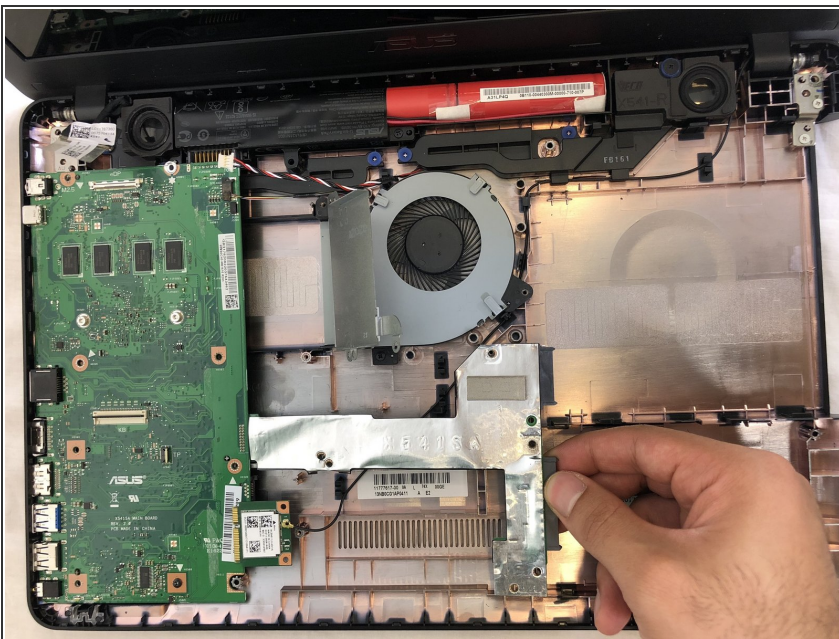
- Remove the disc drive by sliding it towards the right and removing it from the laptop case

Step 9 — Motherboard



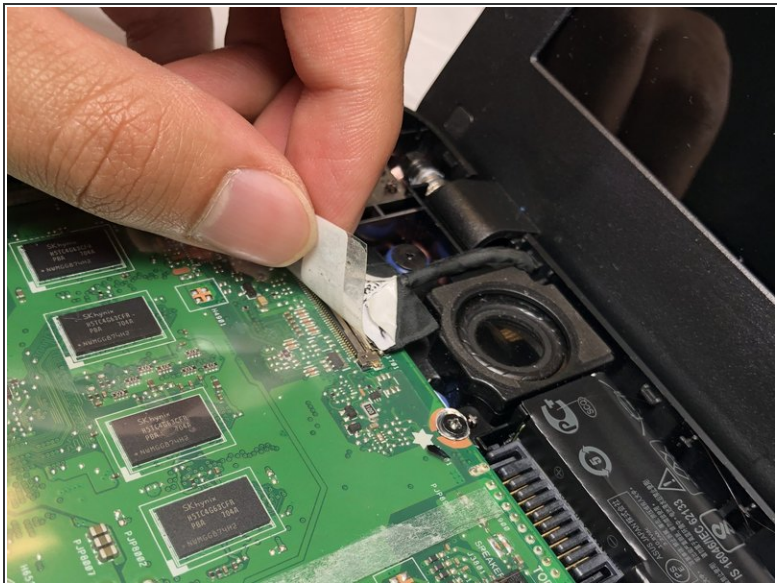
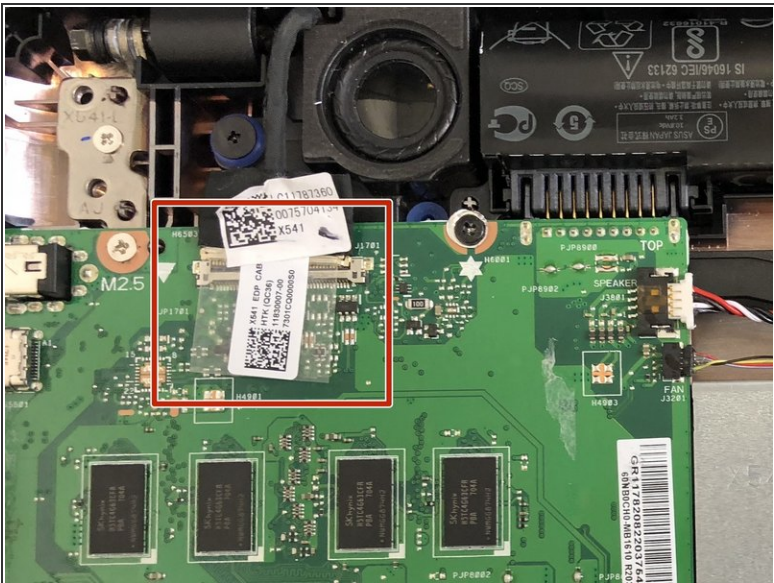
- Remove the three 6mm Phillips #0 screws from the fan shroud.
- Remove the shroud from the motherboard.

Step 10



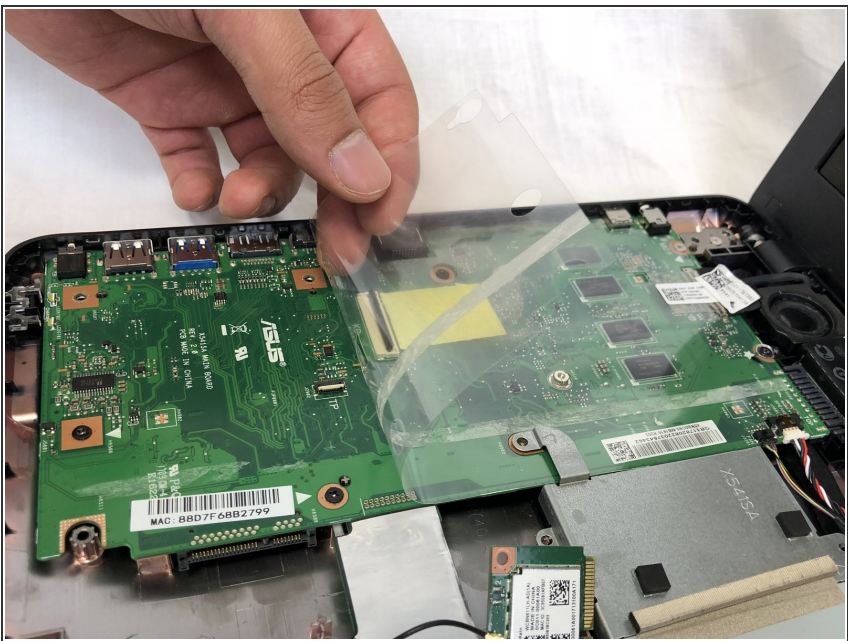
- Pull the metal casing to the right.
- ⚠ Be careful when pulling the case because it may break the motherboard.

Step 11



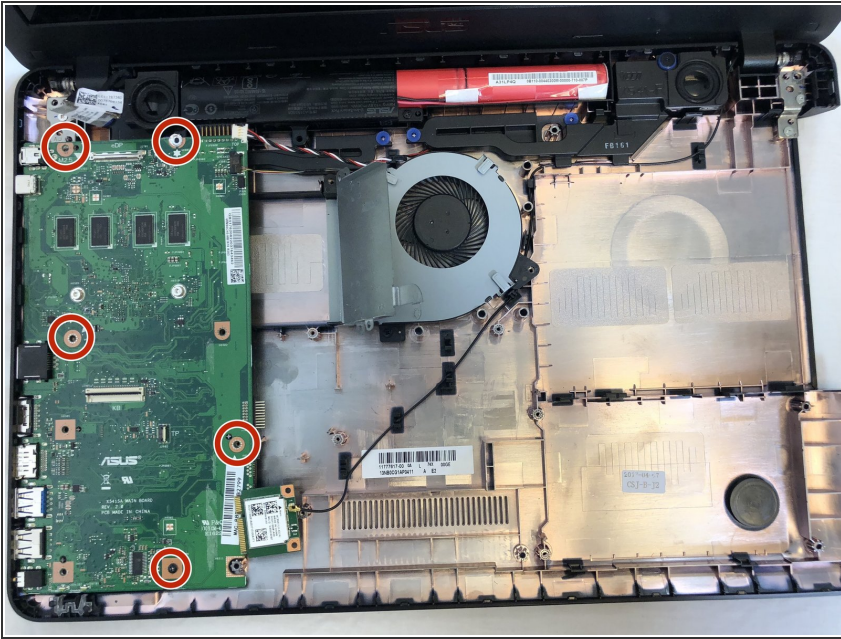
- There is a wire attached to the screen display.
- Peel the sticker and disconnect it from the motherboard.

Step 12



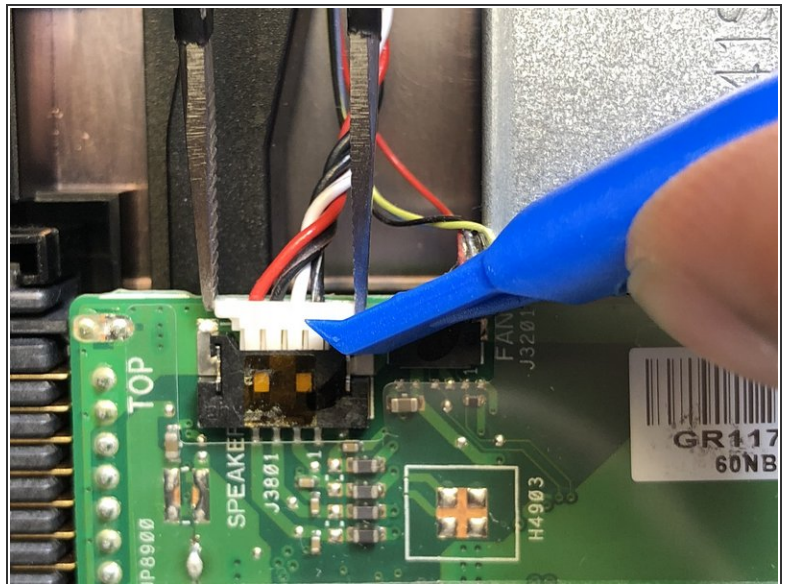
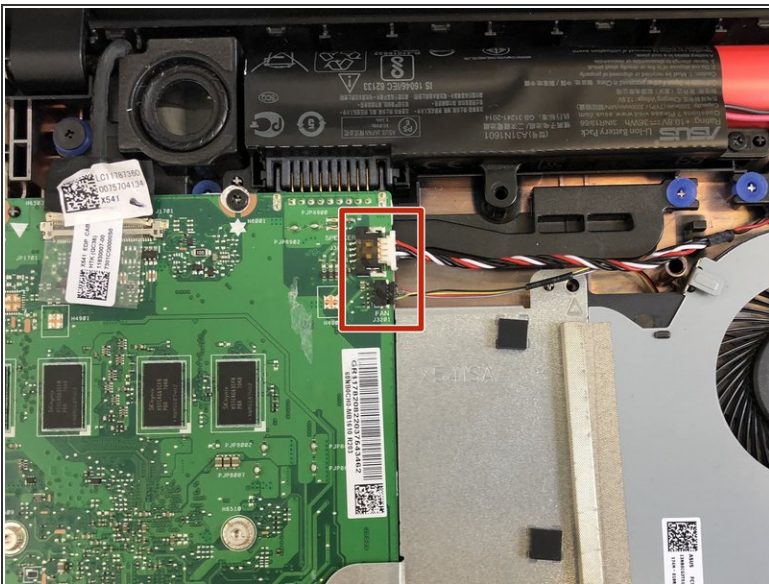
- Remove the plastic covering off of the motherboard.

Step 13



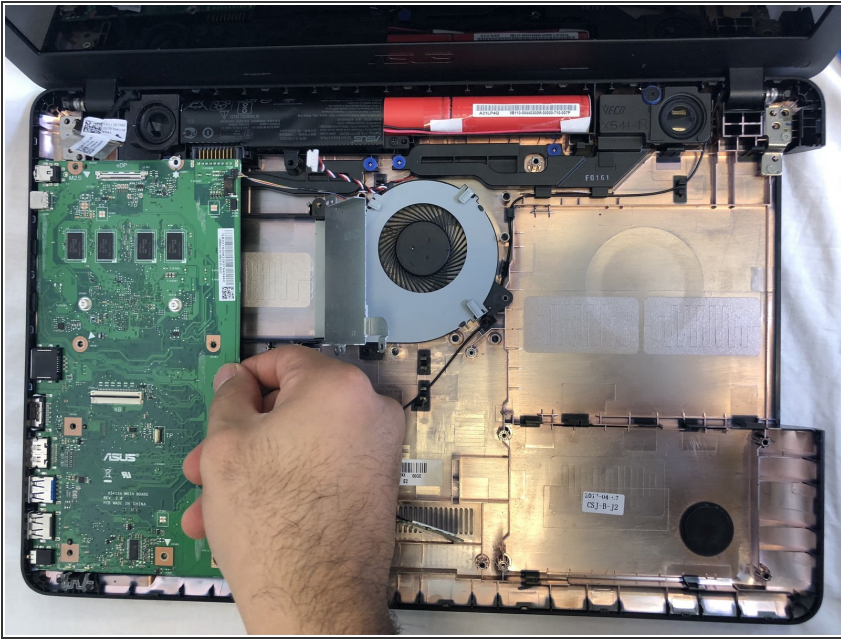
- Remove the five 6mm Phillips #0 screws from the motherboard.

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.

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