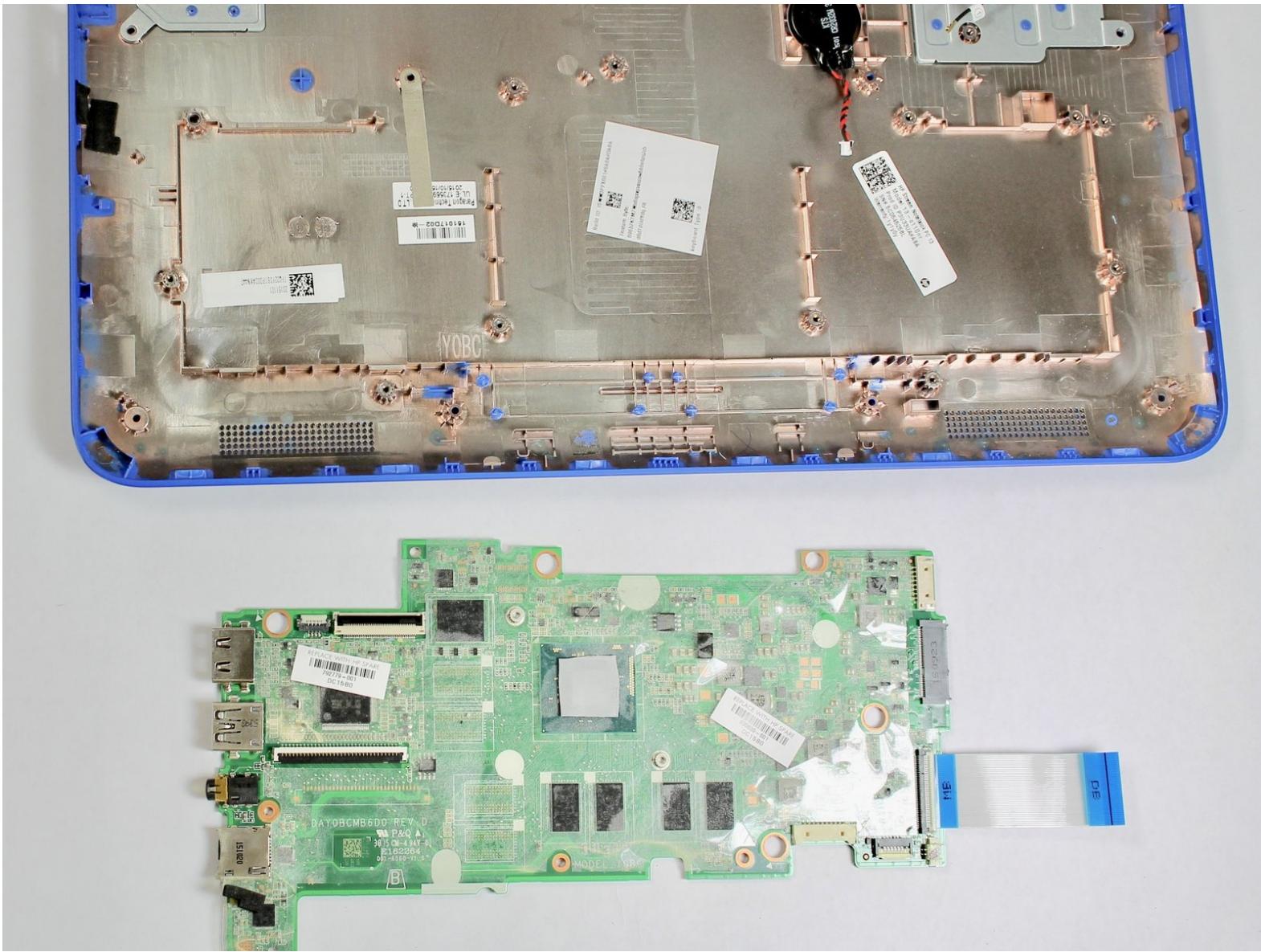




# HP Stream 13-c110nr Motherboard Replacement

This guide will walk the user through removing the motherboard from the HP Stream 13-c110nr.

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## INTRODUCTION

The motherboard replacement guide will assist the user in removal and installation instructions for the HP Stream 13-c110nr.

### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Pick Tool](#) (1)
- [Magnetic Project Mat](#) (1)

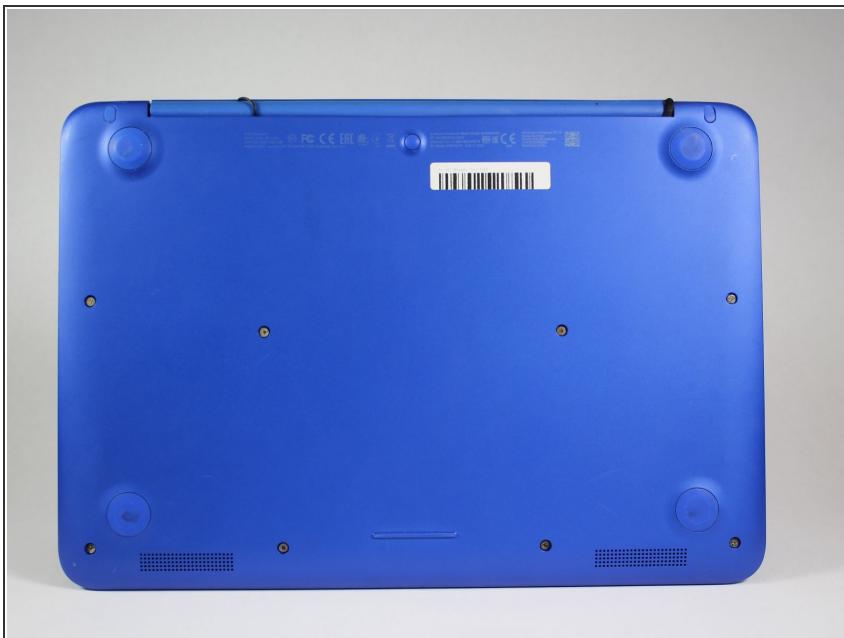
## Step 1 — Top Cover/Keyboard



- Close the device.
- Remove AC adapter plug from electrical outlet.
- Remove AC adapter from device.
- Turn the device off.
- Unplug all external devices from device.

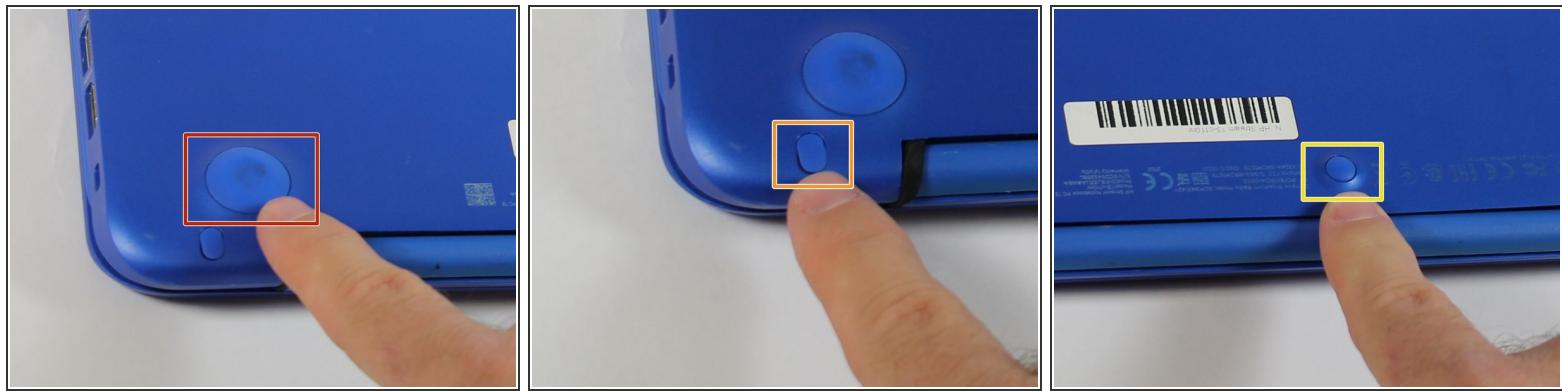
**i** If you are unsure whether the computer is off or in hibernation mode, start the computer and then shutdown the operating system.

## Step 2



- Turn the device upside down with the back facing towards you.

## Step 3



- Use a pick to remove the two (2) large computer feet along the back edge of the device.
- Use a pick to remove the two (2) small computer feet.
- Use a pick to remove the one (1) screw cover.
- Place rubber computer feet in safe place for reassembly.

## Step 4



- Remove the thirteen (13) Phillips P0 PM2.5x6.0 mm screws.
- Place the thirteen (13) screws on magnetic mat for reassembly.

## Step 5



- Turn the device over with the front facing towards you.
- Open the device as shown.

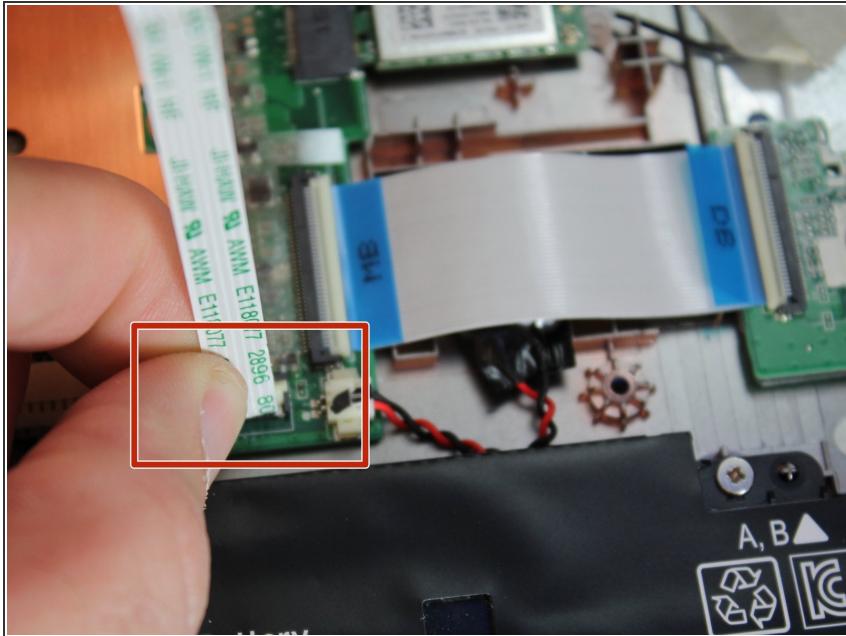
## Step 6



- Insert the Spudger between the Top Cover and Bottom Cover to lift the front edge until it separates from the Bottom Cover.

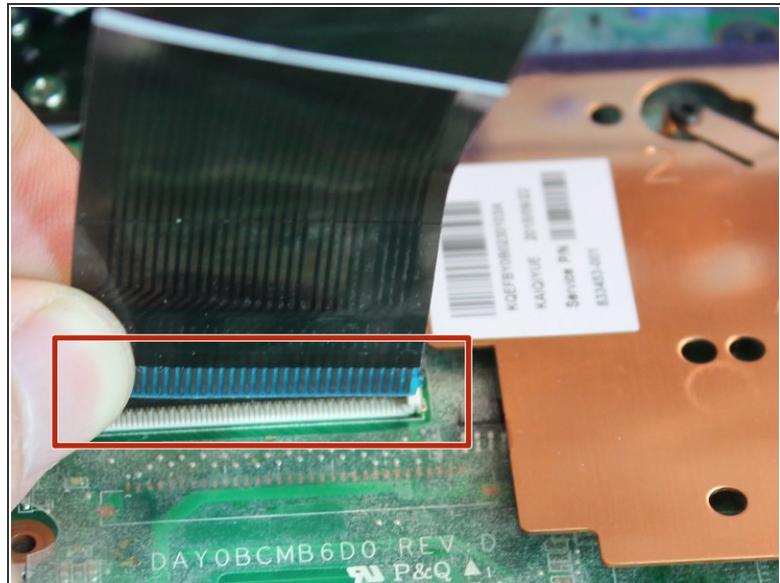
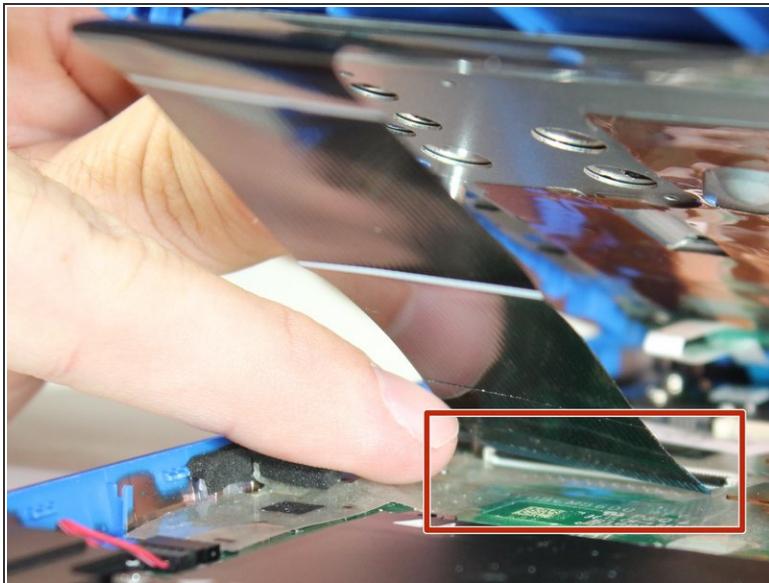
*(i)* Do not completely remove the Keyboard/Top cover from the Bottom cover yet.

## Step 7



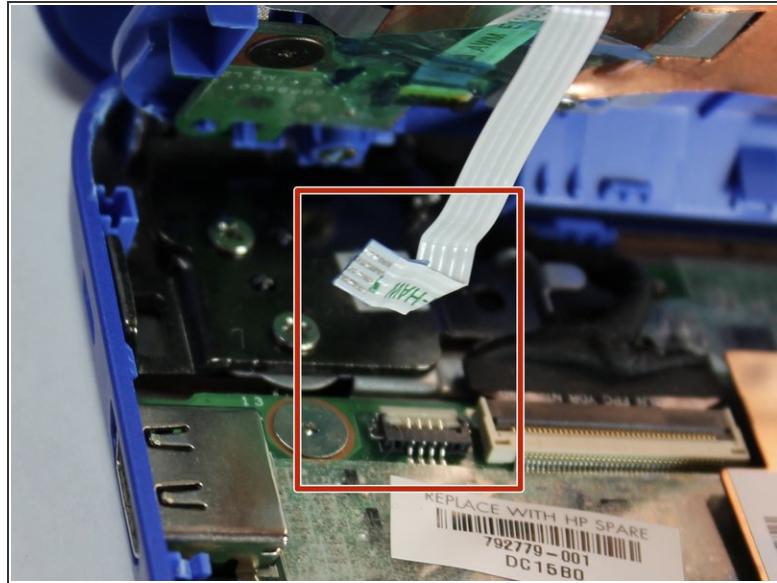
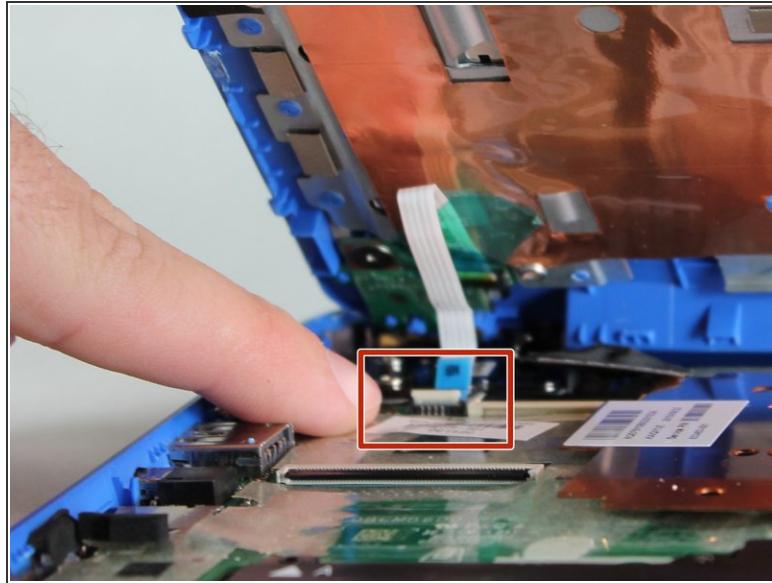
- Disconnect the Touchpad cable.

## Step 8



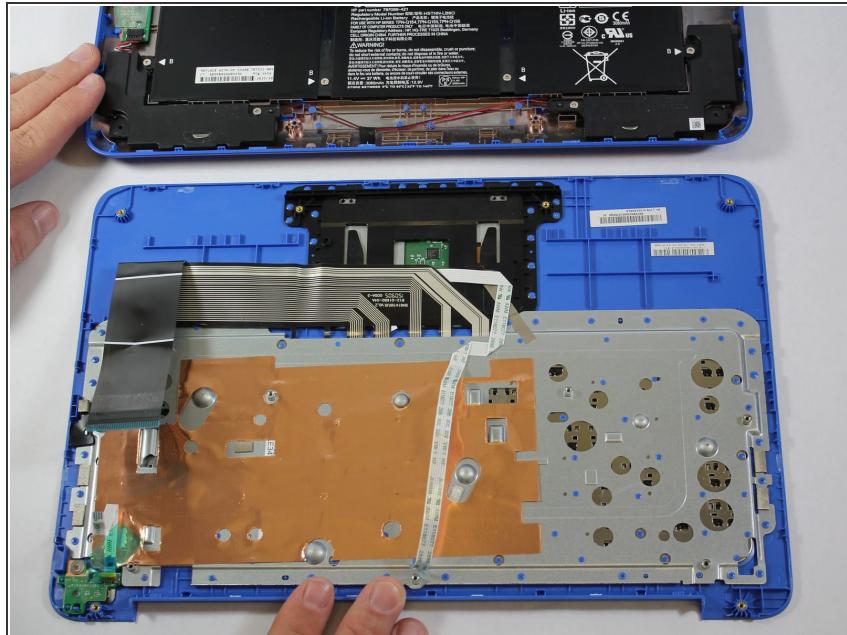
- Disconnect the Keyboard Cable.

## Step 9



- Disconnect the Power connector cable.

## Step 10



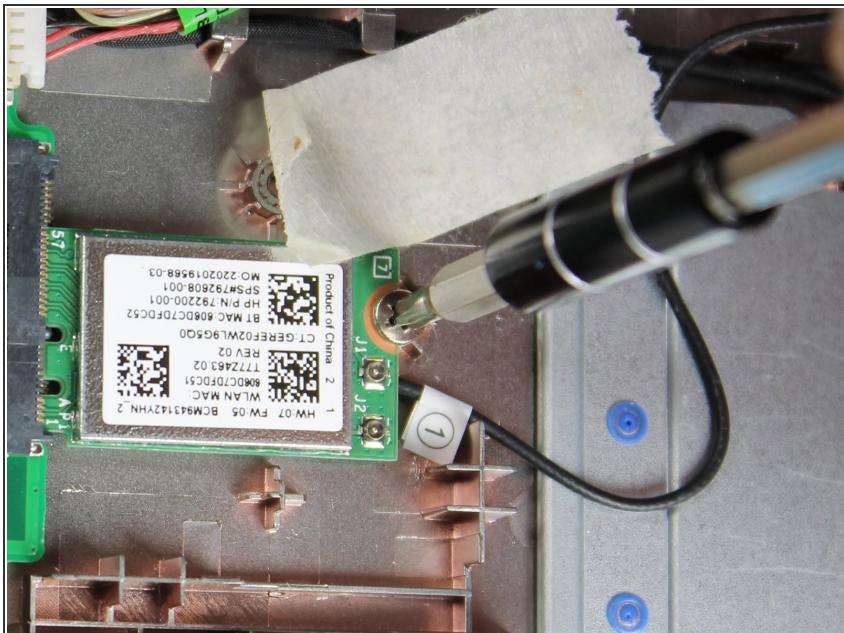
- Remove the Keyboard/Top Cover from the device.

## Step 11 — WLAN Module



- Disconnect the WLAN antenna cable from the WLAN module.

## Step 12



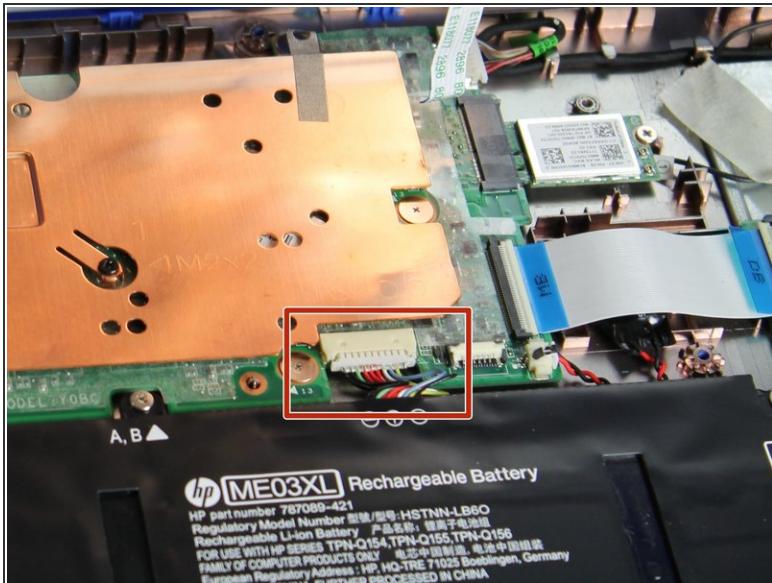
- Remove one (1) Phillips P0 PM2.0x3.0 mm screw.
- Place one (1) screw on magnetic mat for reassembly.

## Step 13



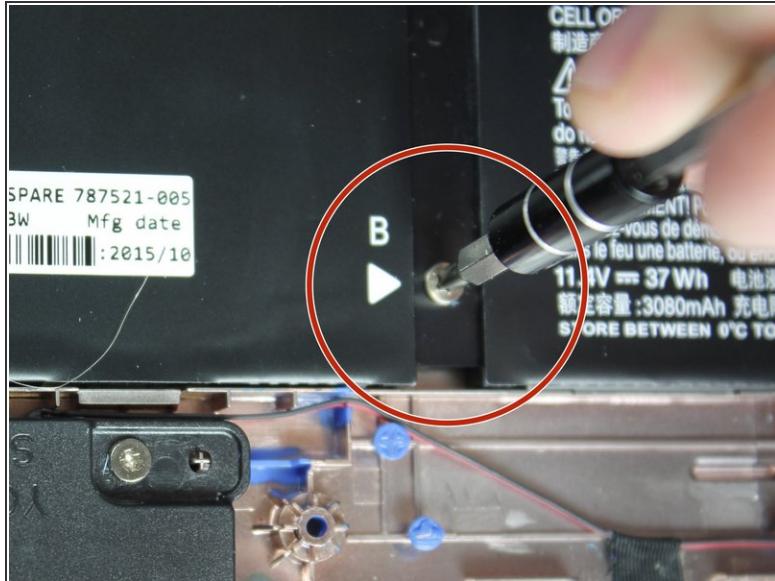
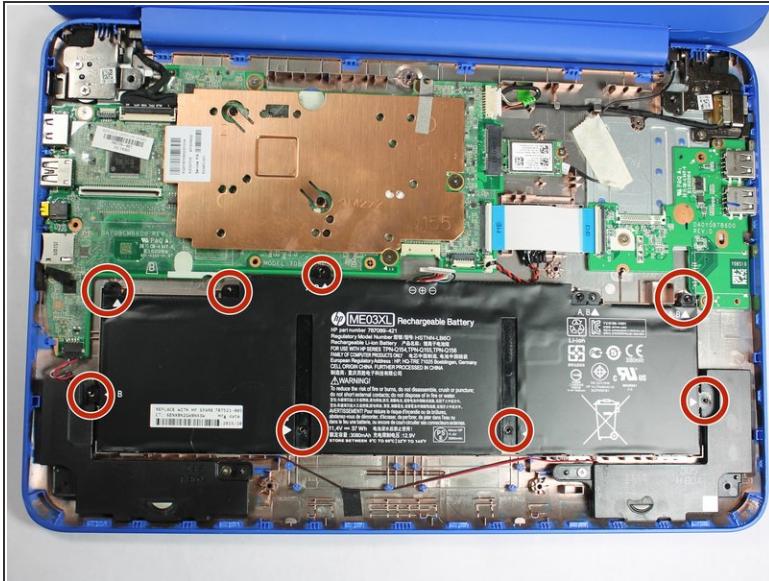
- Remove the WLAN Module from device.

## Step 14 — Battery Assembly



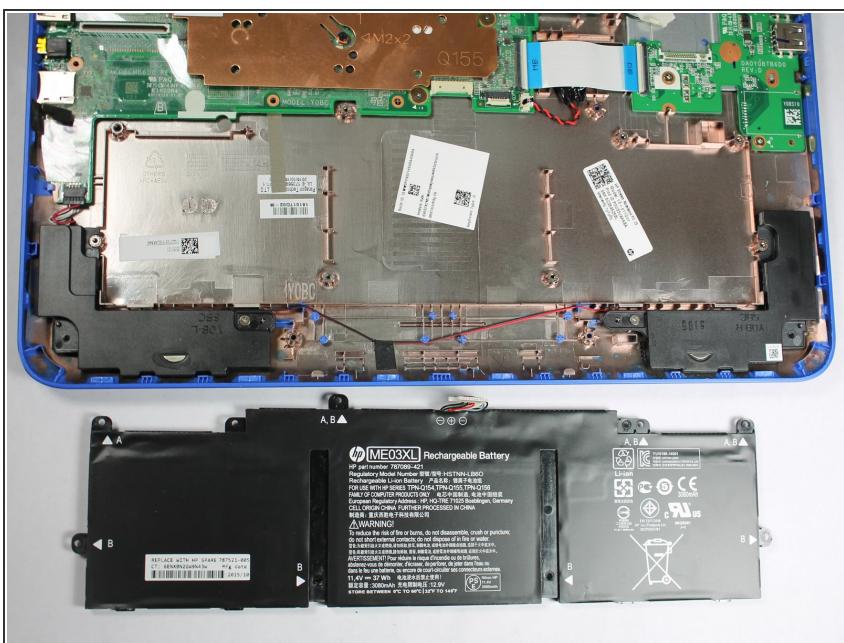
- Use a pick to detach the Battery assembly cable.

## Step 15



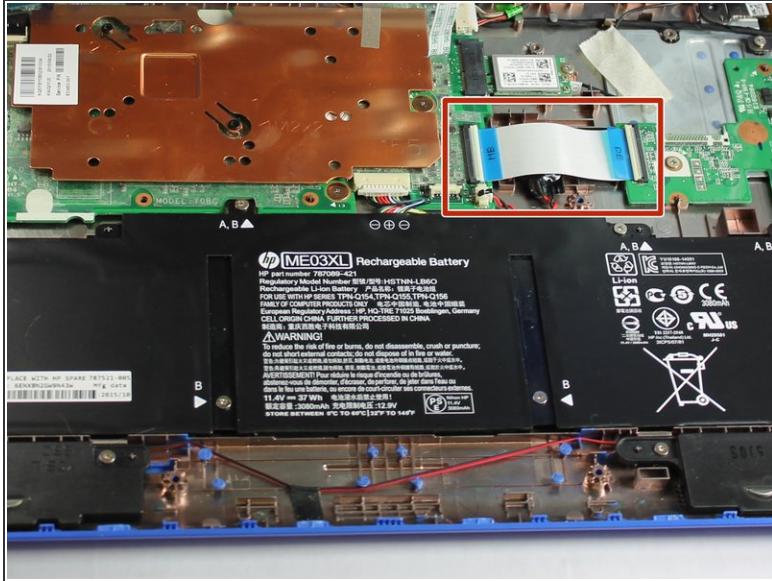
- Remove eight (8) Phillips P0 PM2.0x3.0 mm screws from Battery assembly.
- Place eight (8) screws on magnetic mat for reassembly.

## Step 16



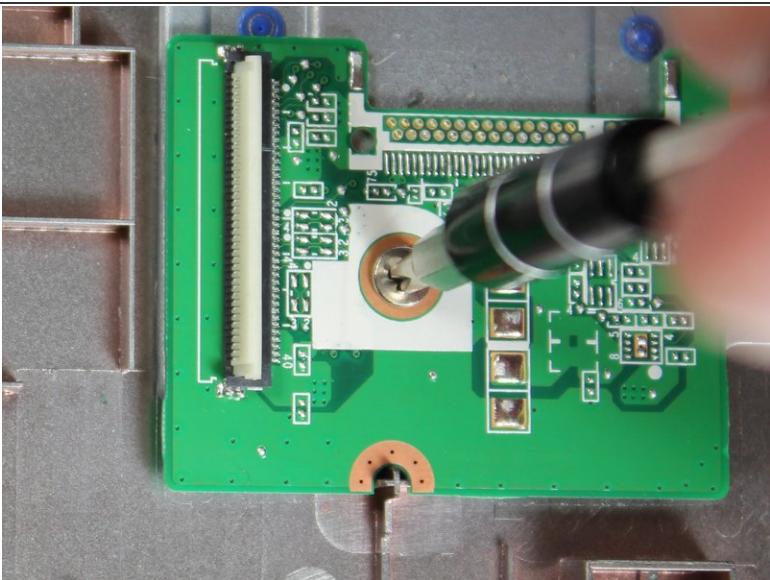
- Remove Battery Assembly from device.

## Step 17 — USB/Card Reader Board



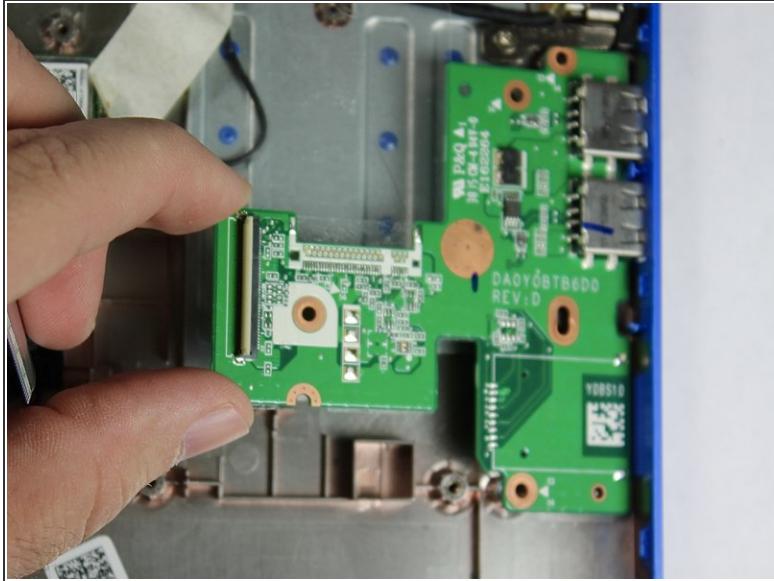
- Use a pick to disconnect the USB/Card Reader cable from the System Board.

## Step 18



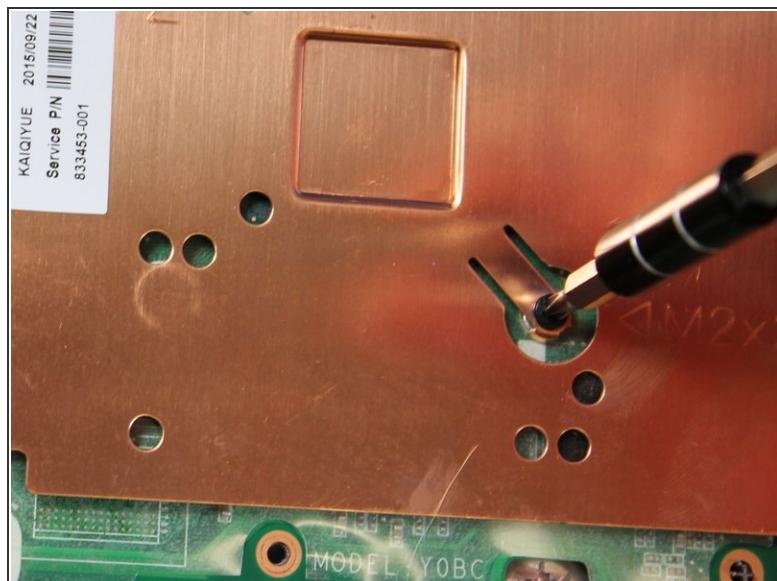
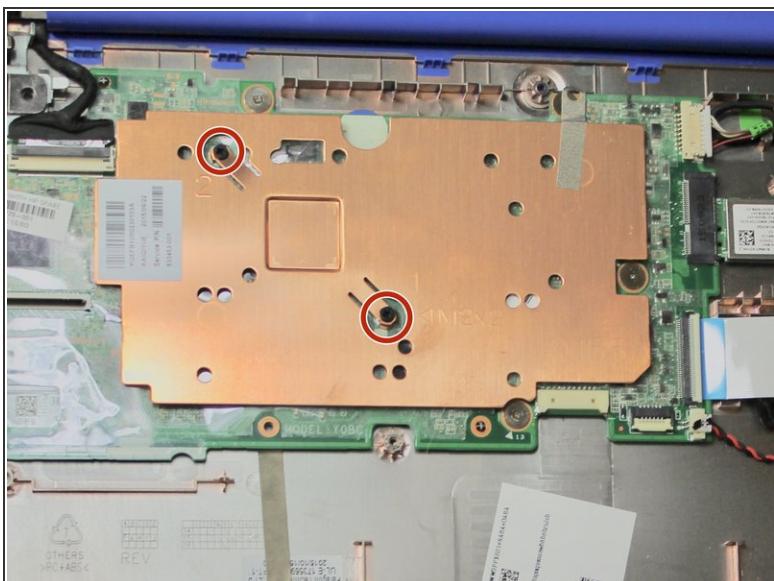
- Remove three (3) Phillips P0 PM2.0x3.0 mm screws.
- Place three (3) screws on magnetic mat for reassembly.

## Step 19



- Remove the USB/Card Reader board assembly from the device.

## Step 20 — Heat Sink

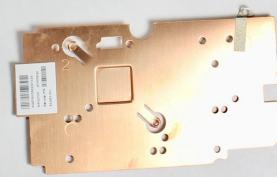


- Remove two (2) Phillips P0 PM2.0x2.0 mm screws.
- Place two (2) screws on magnetic mat for reassembly.

## Step 21



- Remove the Heat Sink from the System Board.

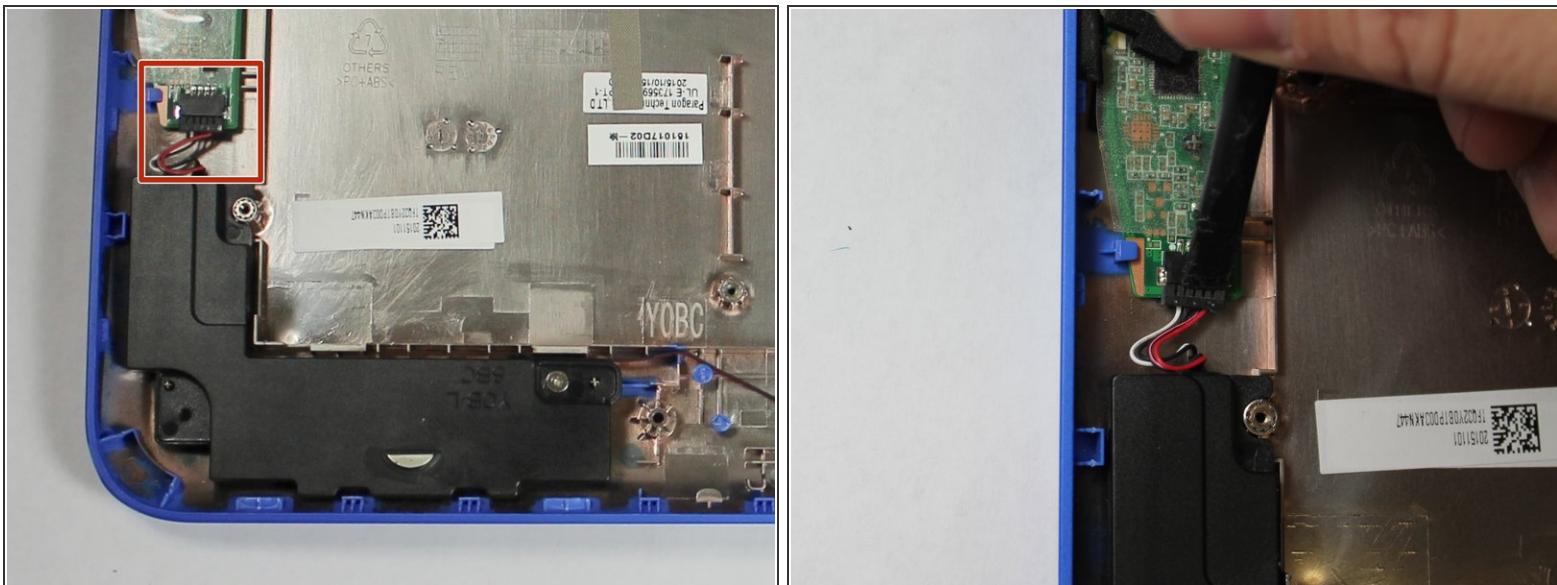


## Step 22 — Motherboard



- Disconnect the Display Cable.

## Step 23



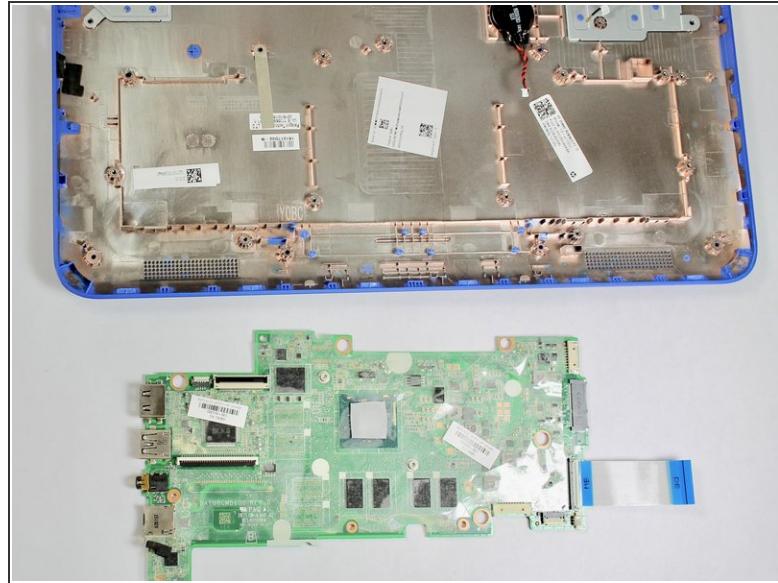
- Disconnect the Speaker Cable.

## Step 24



- Remove five (5) Phillips P0 PM2.5x3.0 mm screws from System Board assembly.
- Place five (5) screws on magnetic mat for reassembly.

## Step 25



- Lift the right side of the System Board and slide it from the device.

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