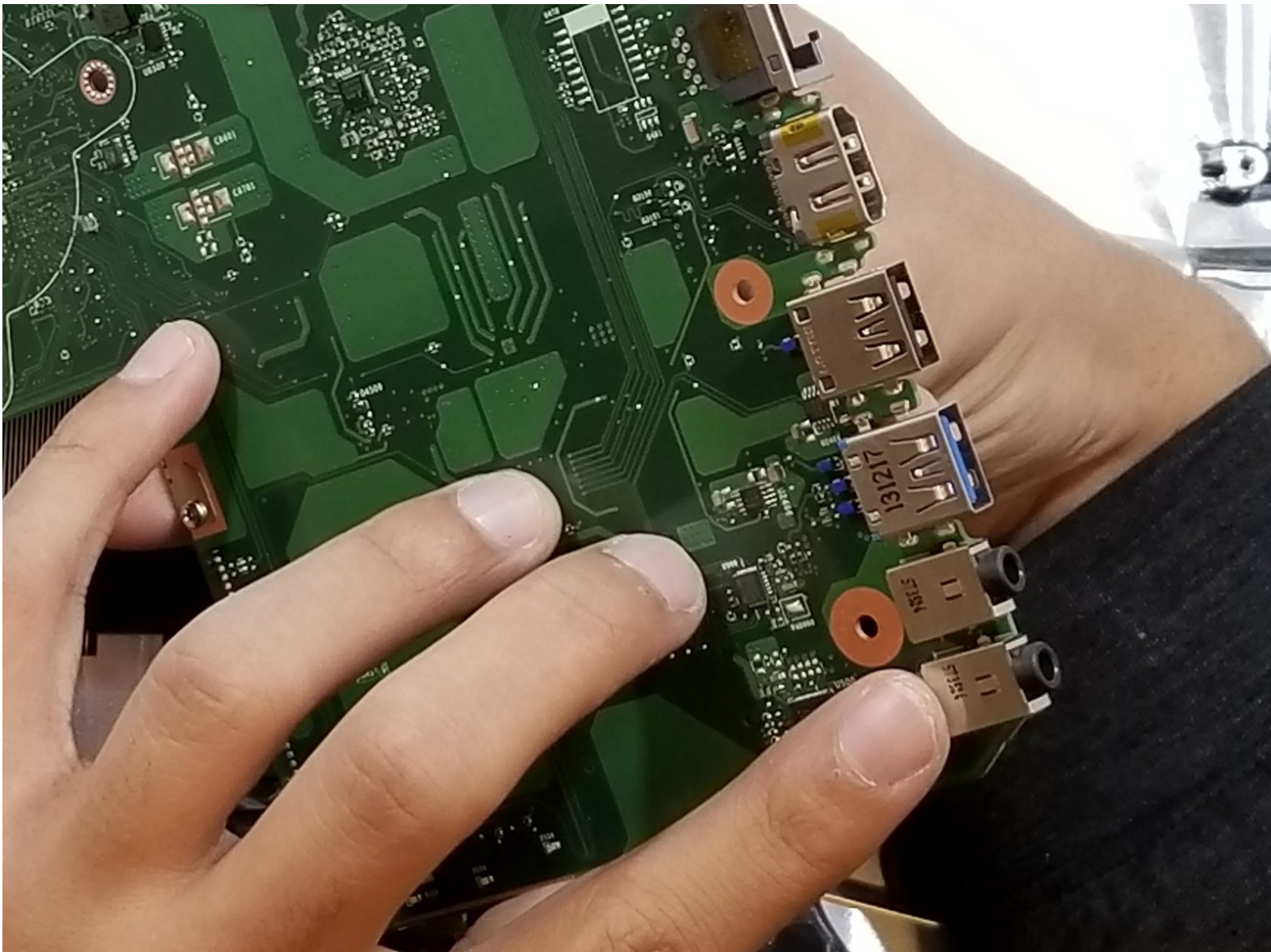# Toshiba Satellite C55-A5140 Headphone jack Replacement

Replacing the headphone jack (3.5mm jack) located underneath motherboard. This will address audio problems when using headphones with the laptop

Written By: Cameron Chapman

INTRODUCTION

If you are experiencing problems when trying to use headphones with the Toshiba Satellite C55-A5140, the headphone (3.5mm) port may need to be replaced. This process involves extensive deconstruction of the device in order to access the motherboard components. Soldering skills will be required to successfully remove the port from the motherboard. If you aren't comfortable with soldering skills please look at this guide to help you with soldering How To Solder and Desolder Connections. Also note that removing the back of the device will void the warranty.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Metal Spudger (1)
- Soldering Iron (1)
- Tweezers (1)
- Philips Head Screwdriver: Size J1 (1)

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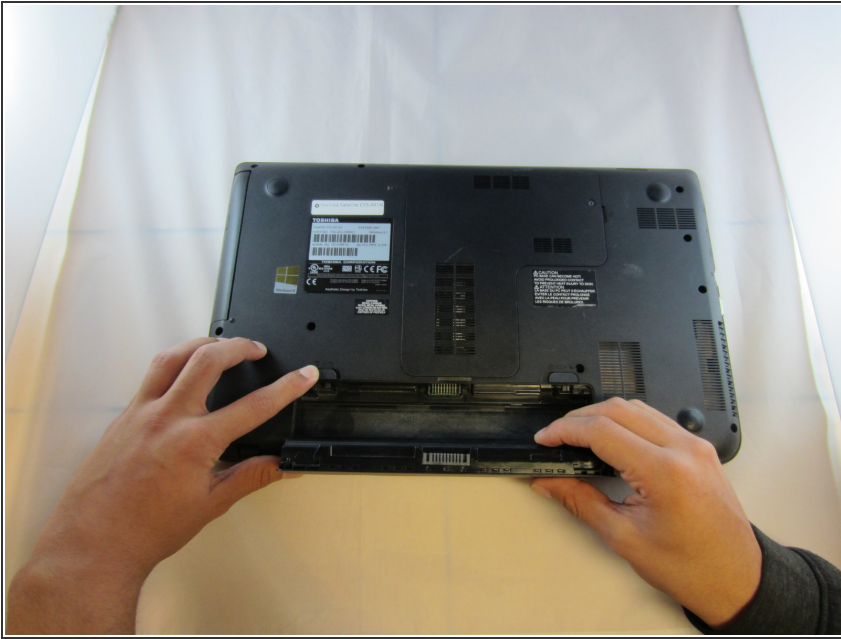
Step 1 — Battery

- Make sure the device is unplugged, completely off, and not warm to the touch.

- Check for any visible battery defects such as bulges, bends or cracking as they could be signs of a leaking or deformed battery.

⚠️ Do not handle a deformed battery. Deformed batteries can cause burns and exposure to harmful chemicals.

- Flip device over and locate two switches on the back of the device.
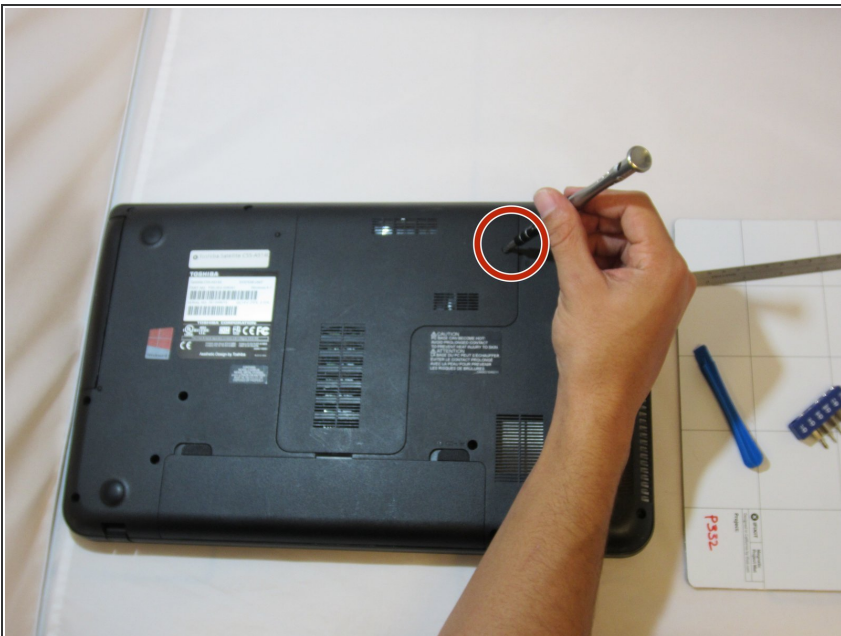
Step 2

- Slide switch 1 towards the unlock symbol on the device (switch should click into place).

- Slide switch 2 towards the unlocked symbol on the device.

- While holding switch 2 in the unlocked position, use the notch located at the top of the battery to pull battery out and away from the device.

- ⓘ Switch 2 does not lock into place and will need to be held in unlocked position.
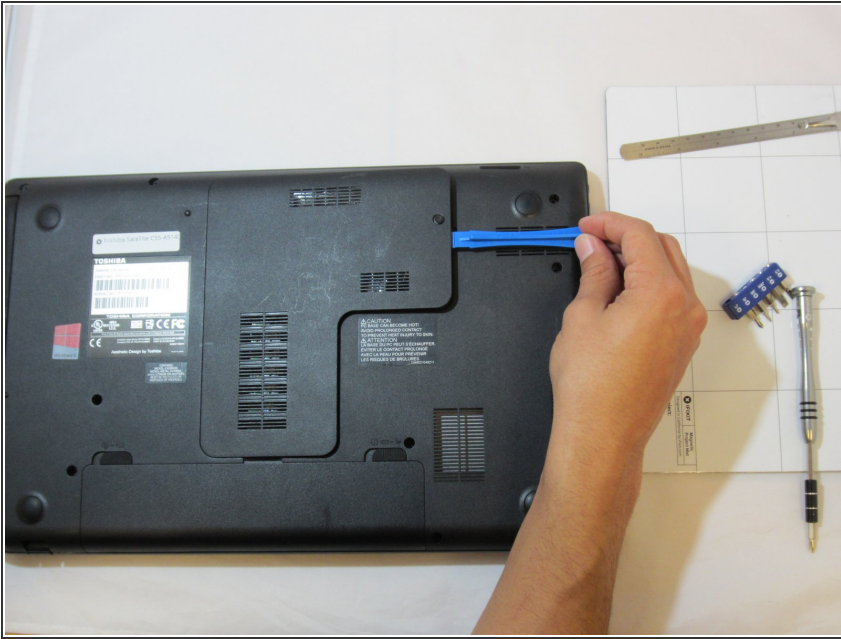
Step 3

- Pull battery free from device and release switch 2.

Step 4 — CD Drive

- Make sure that the device is unplugged, completely off, and that the device is not warm to the touch.
- Flip the device over so you see the bottom, and loosen the 5mm PH#1 screw on the L shaped access panel.
- ⓘ The screw will not come out of access panel, simply unscrew until loose.

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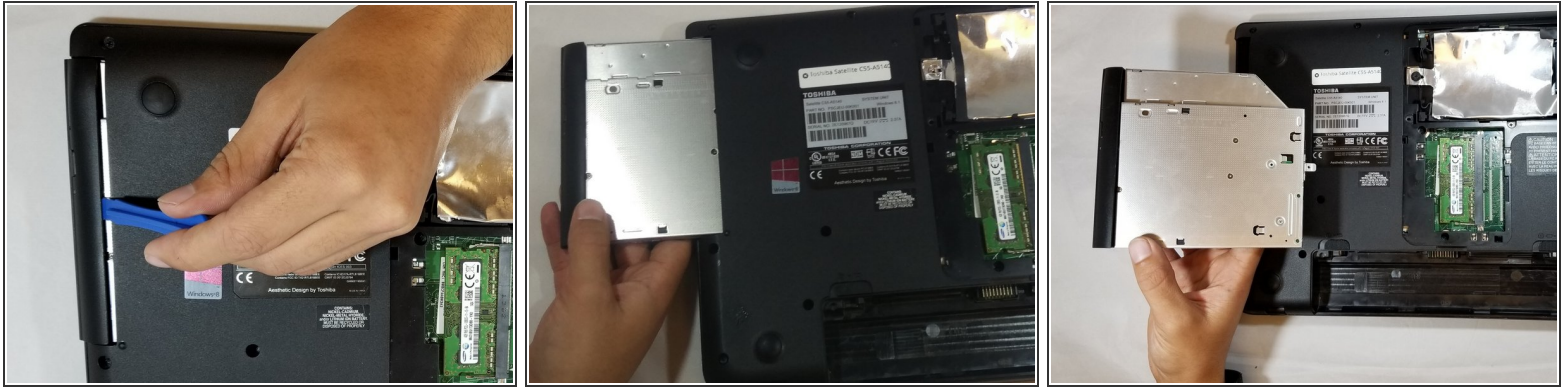
Step 5

- Use the plastic opening tool to open access panel by sliding it into notch near screw and prying access panel(L-shaped) away from device.

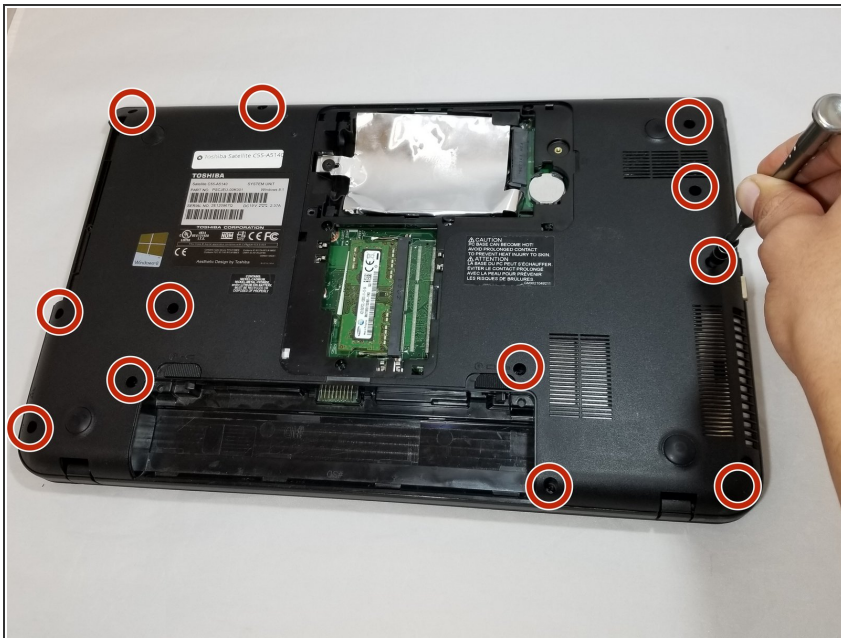- Pull panel completely free from device and set aside.

Step 6

- Unscrew the 2mm PH#1 screw next to the Toshiba Device information tag.
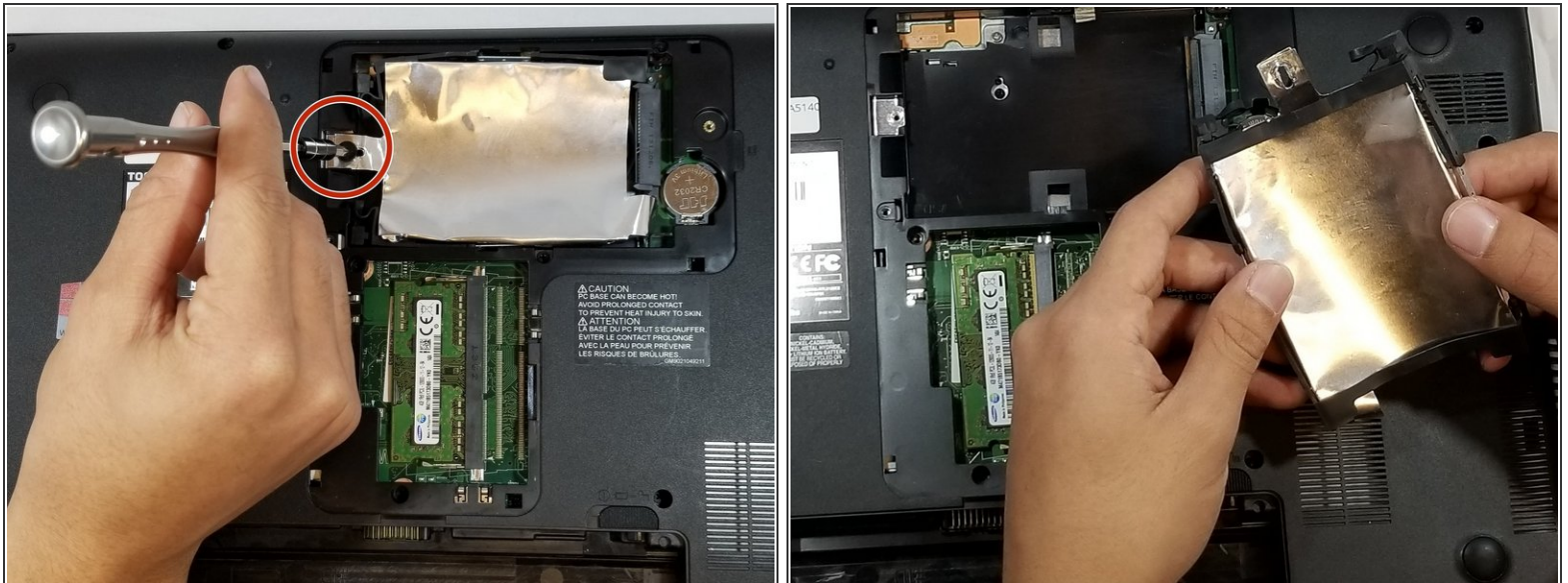
Step 7

- Using the plastic opening tool, pry the CD drive up.

- Once the CD drive is partially separated from the device, grasp with your hand and slide it out of the slot.
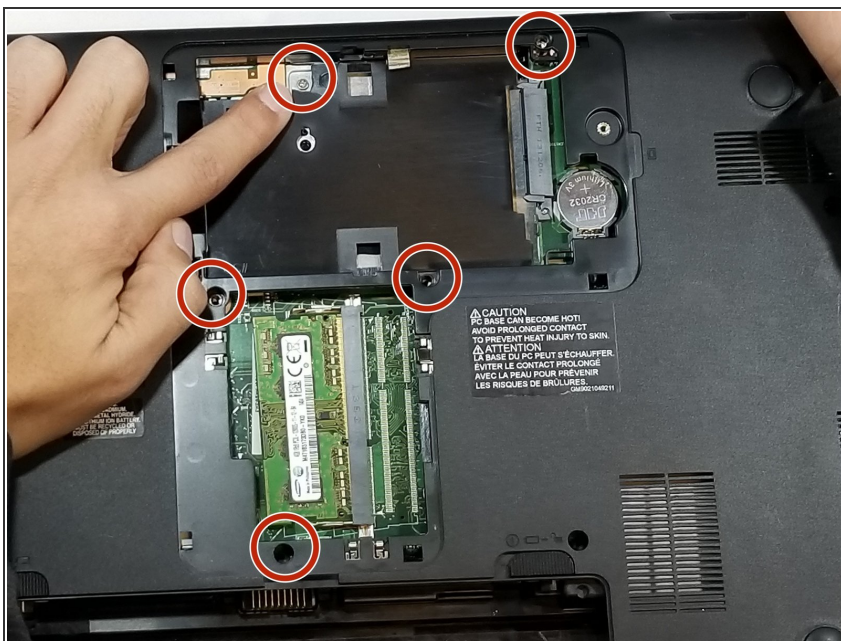
Step 8 — Headphone jack

- Unscrew the twelve 5mm PH#1 screws on the bottom of the device.

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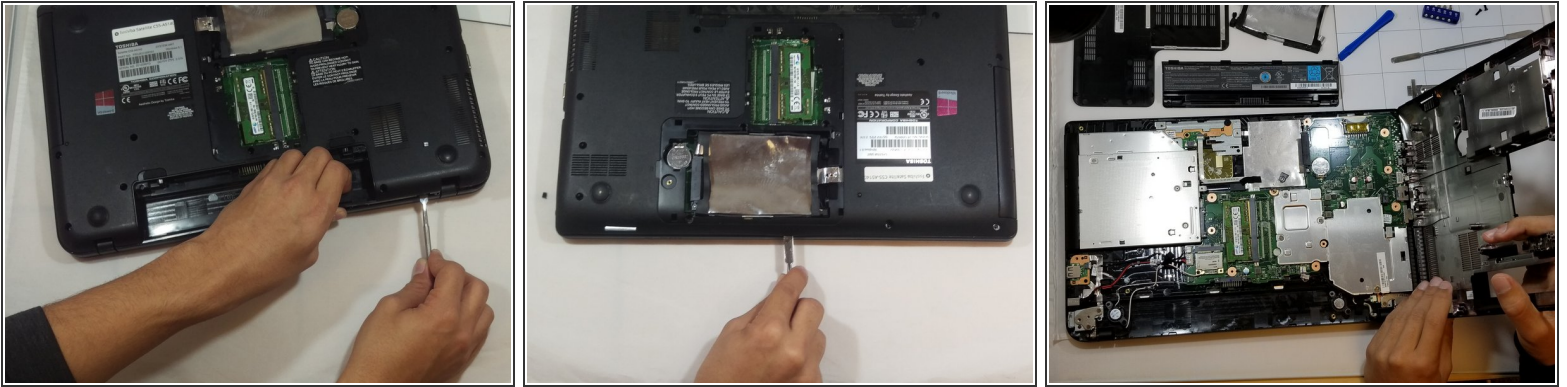
Step 9

- Remove the 4mm PH#1 screw on aluminum tray cover inside of access panel.

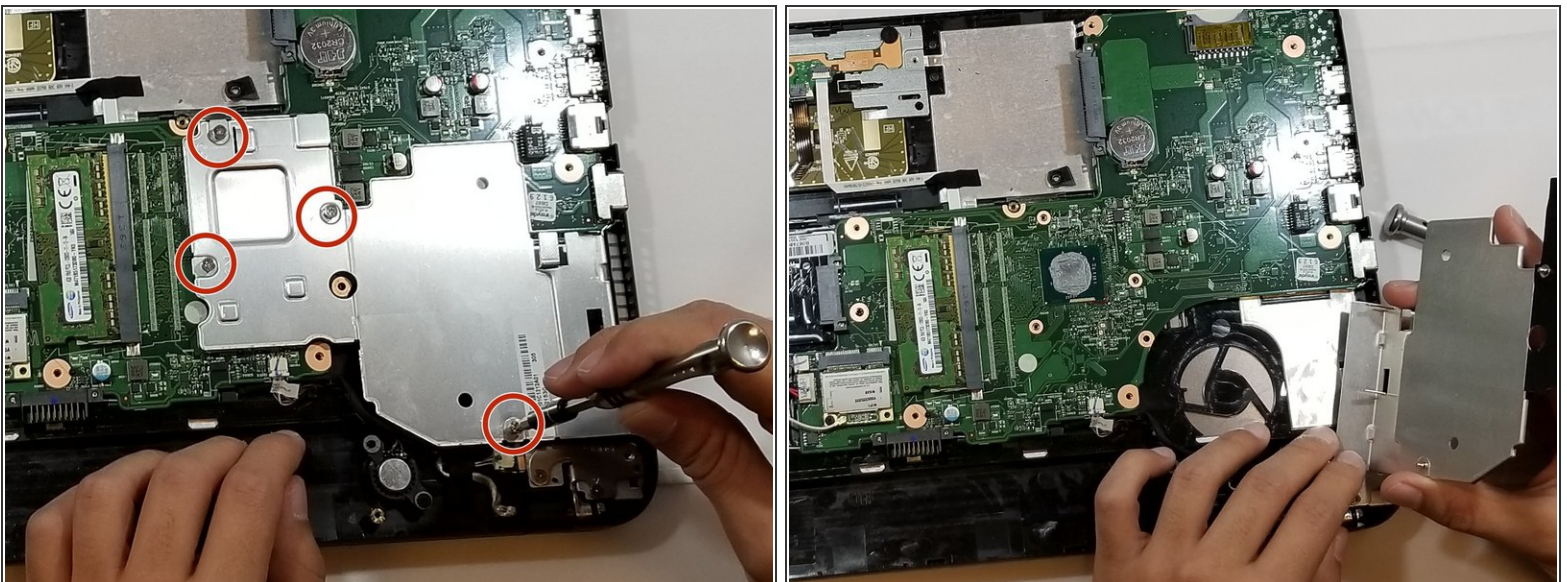- Pull aluminum cover away from device and put aside.

Step 10

- Remove the remaining five 10mm PH#1 screws within access panel.

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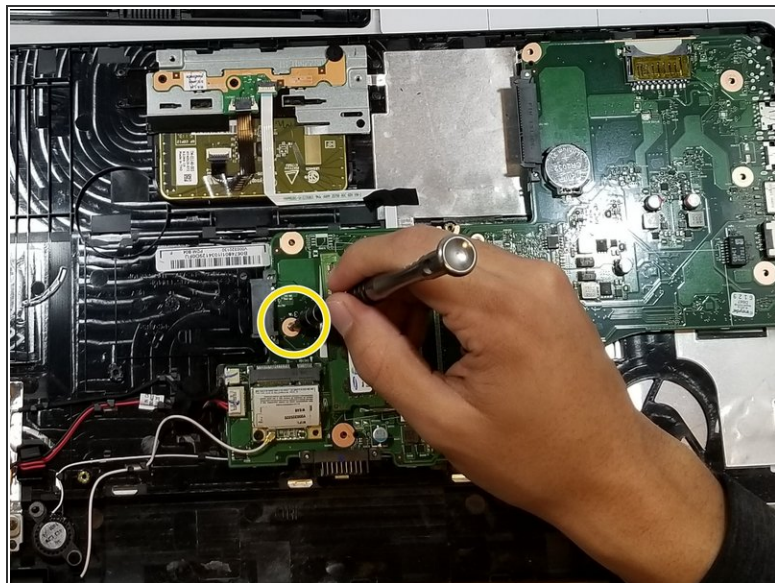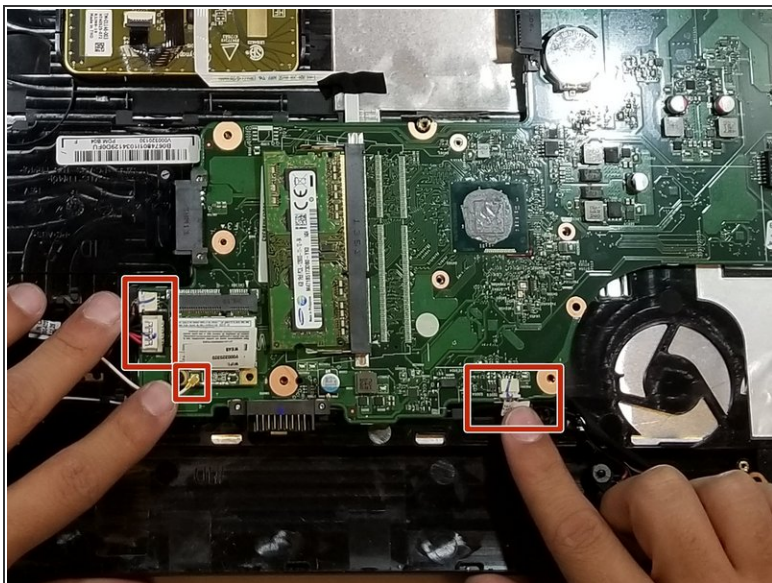
Step 11

- Using a metal spudger, remove the back cover by working metal spudger around edges of the laptop. Pry base away from rest of device until separated.

- Separate back cover completely from device and set aside.

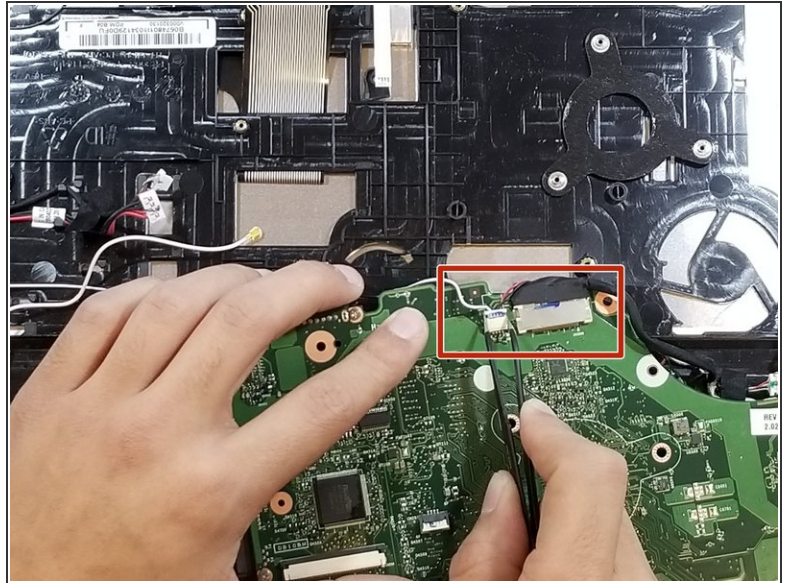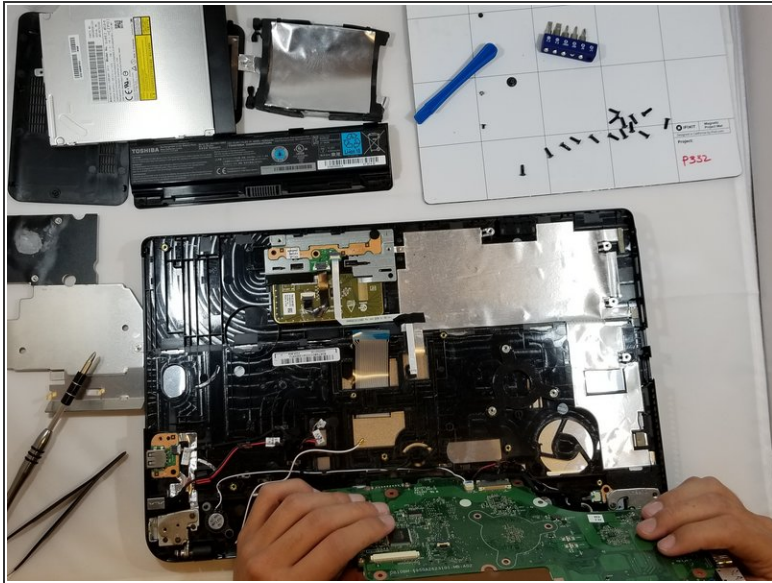- (i) Plastic joints will make a snapping sound as they are released.

Step 12

- Loosen the four 5mm PH#1 screws on heat sink.

- Pull heat sink out and away from motherboard and set aside.

- (i) Screws on heat sink will not come out completely. Simply unscrew until lose.

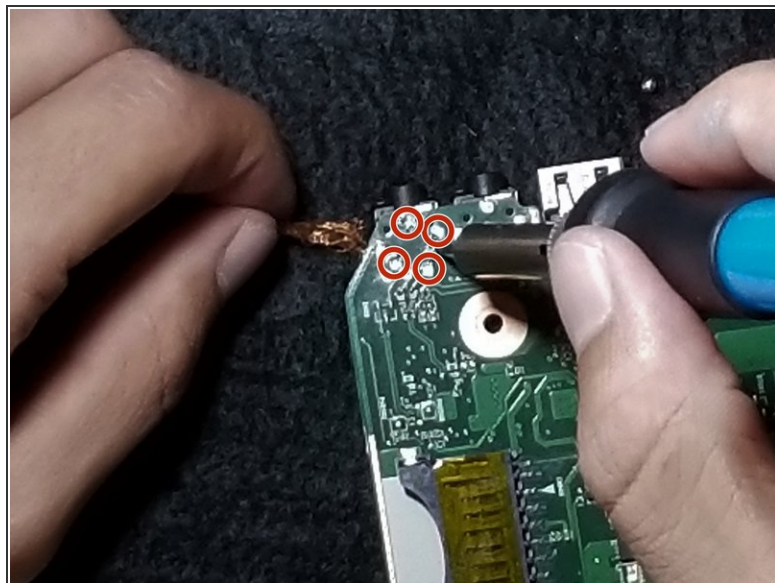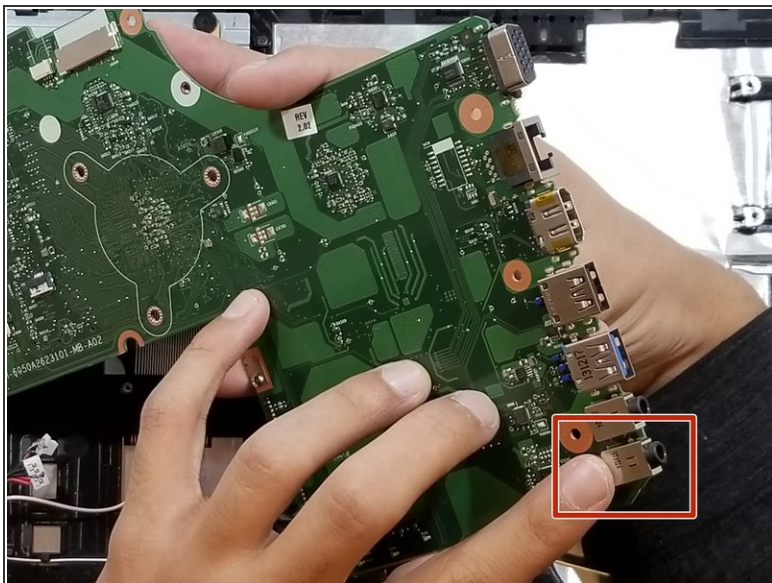This document was generated on 2019-09-27 08:31:36 AM (MST).

Step 13

- Gently unplug 5 connections on top of motherboard with your hand by applying pressure away from port while making sure not to bend any of the contacts.

- Remove the 10mm PH#1 screw securing motherboard to device.

Step 14

- Flip motherboard over, and using the precision tweezers, disconnect the two ribbon cables.

- Pull motherboard free from device.

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Step 15

- Locate headphone jack on bottom right corner of the motherboard.

- Turn motherboard over and use soldering iron and wick to melt and remove solder from 4 points holding headphone jack to the motherboard

- Pull headphone jack from motherboard using tweezers.

- ⚠ A soldering iron can reach temperatures up to 650° F. Only perform this step if you are comfortable operating a soldering iron. Use proper protection equipment to avoid serious injury such as burns. If you are unsure how to solder, use this guide for help How To Solder and Desolder Connections.

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