Acer Chromebook C720-2420 Keyboard Replacement

Use this guide to replace or remove the keyboard off your Acer Chromebook C720-2420.

Written By: Jessica Beckford

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INTRODUCTION

This guide will provide you with simple and clear steps on how to replace/remove the keyboard on your Acer Chromebook C720-2420.
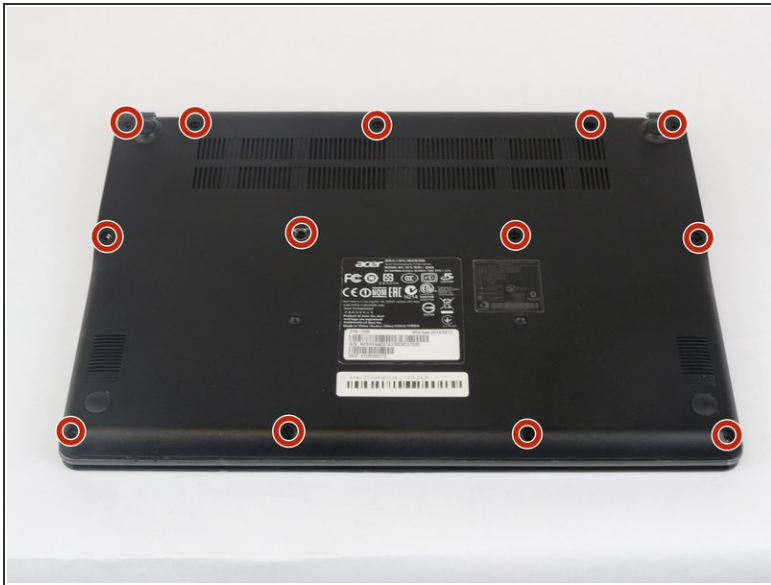
TOOLS:

- Precision Tweezers Set (1)
- iFixit Opening Tool (1)
- 64 Bit Driver Kit (1)
- Phillips #0 Screwdriver (1)
- Tweezers (1)
- Phillips #00 Screwdriver (1)

PARTS:

- Acer Chromebook C740/C720/C720P SSD Drive (1)

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Step 1 — Back Cover Replacement

ⓘ Place your Chromebook upside down.

● Utilizing the precision magnetized Phillips #0 screwdriver, remove all thirteen 6.5 mm Phillips screws that secure the back cover.

⚠ Before doing anything, make sure your Acer Chromebook is completely turned off.
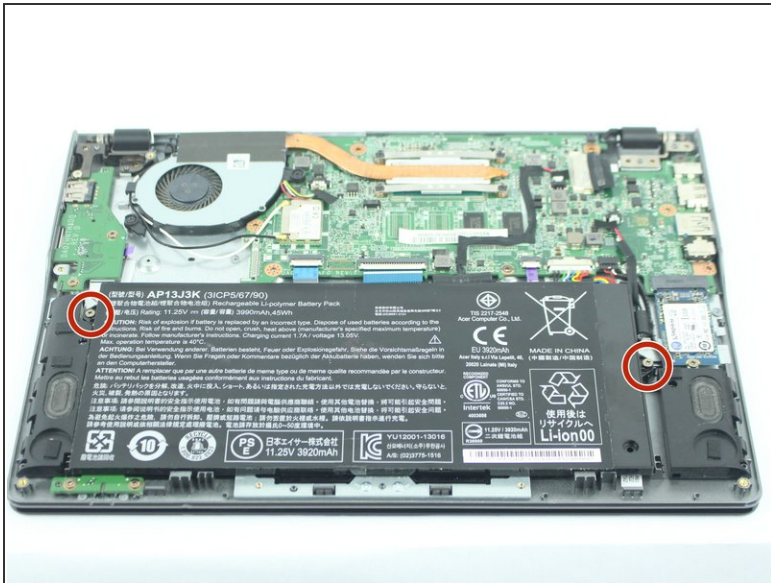
Step 2

● Use the plastic opening tool to carefully remove the bottom.
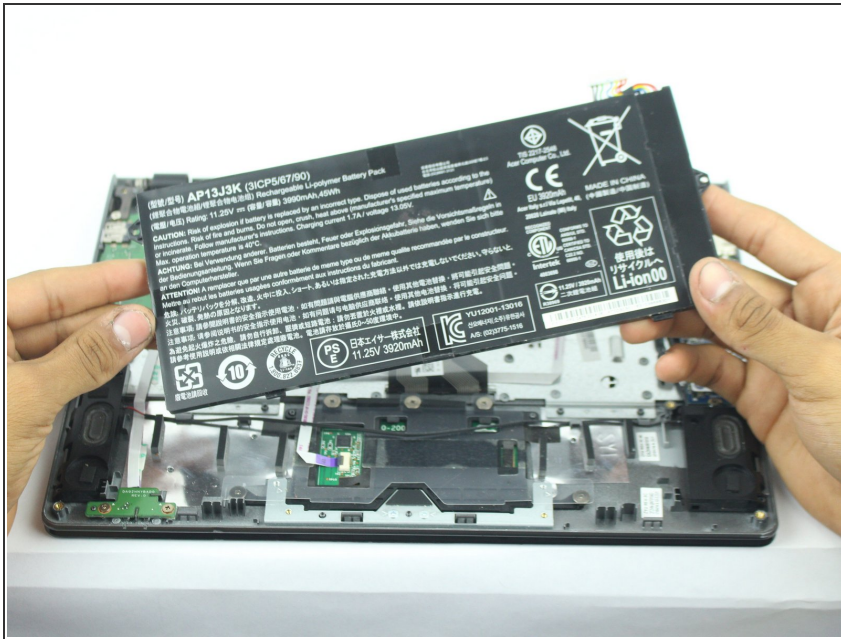
Step 3 — Battery

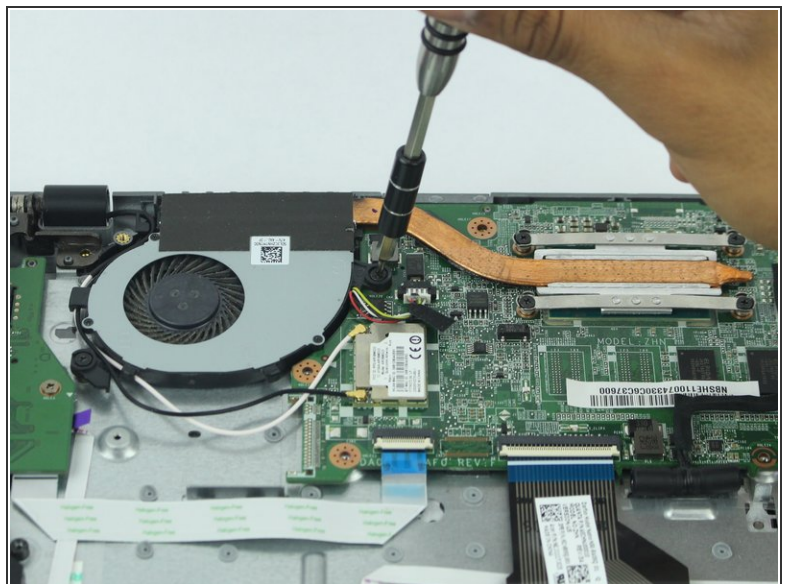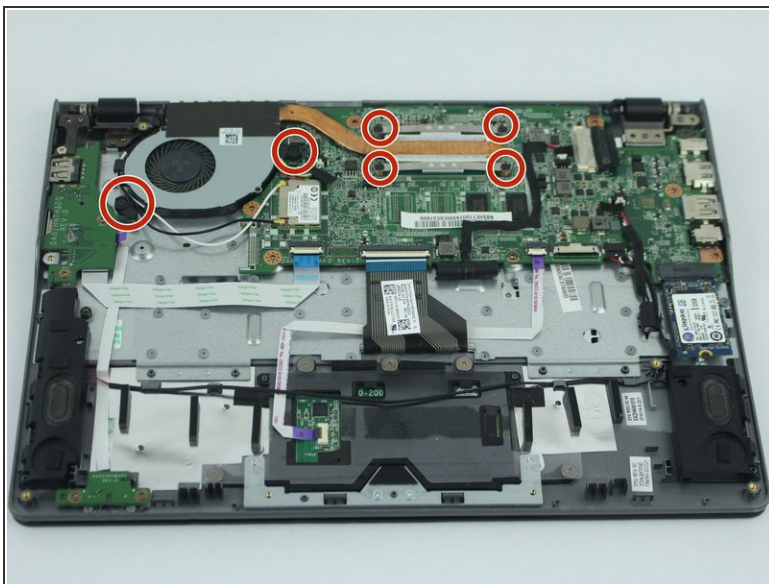- Remove the two 3.6 mm Phillips screws holding the battery in place.

Step 4

- Disconnect the connector that attaches the battery to the Chromebook with a pair of pliers or tweezers.
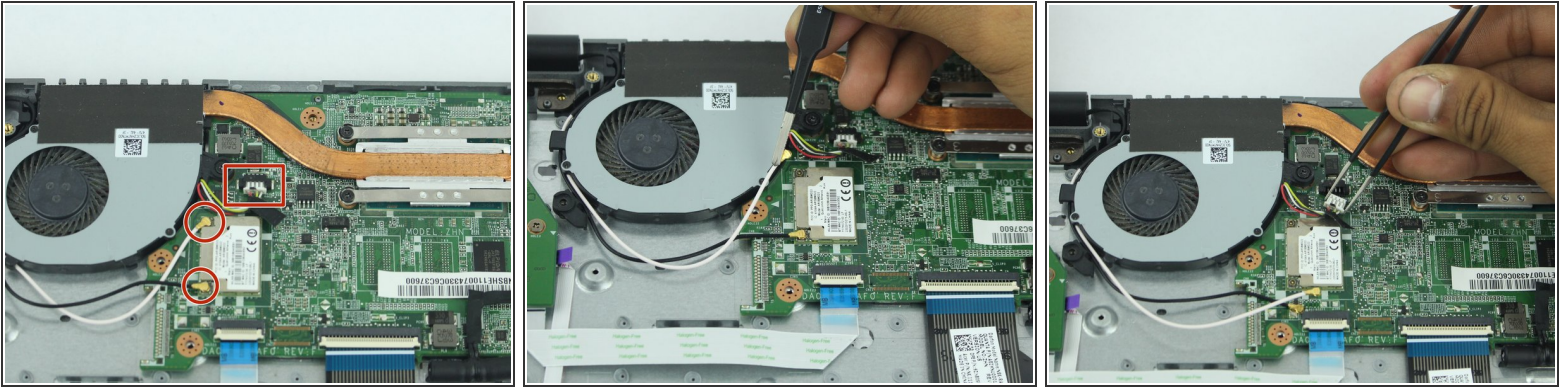 - (i) Alternatively, you could use your hands, as it may be difficult to unhook the connector.

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Step 5

● Remove the battery.

Step 6 — cooling fan / CPU heat sink assembly

● Remove the six 4.7 mm Phillips screws that secure the fan.

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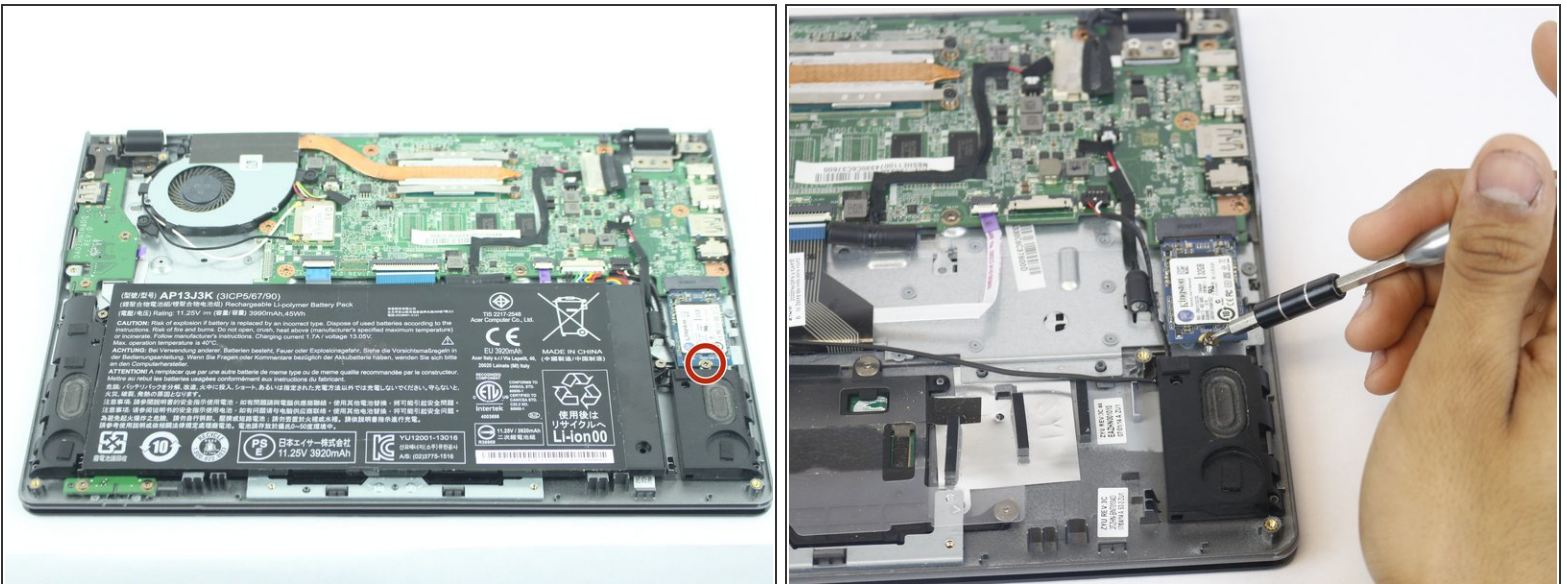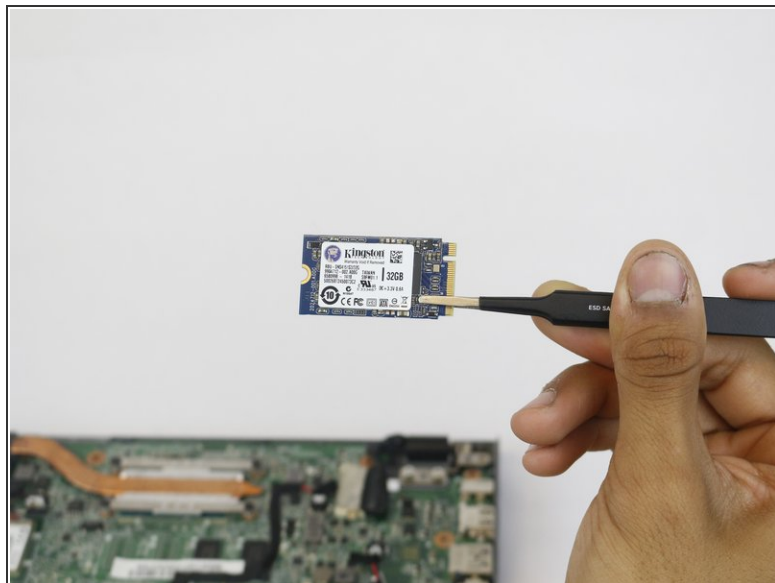
Step 7

- Disconnect these cables from the motherboard using the tweezers.

  (i) Alternatively, you may use your hands.

- Pull out the fan.
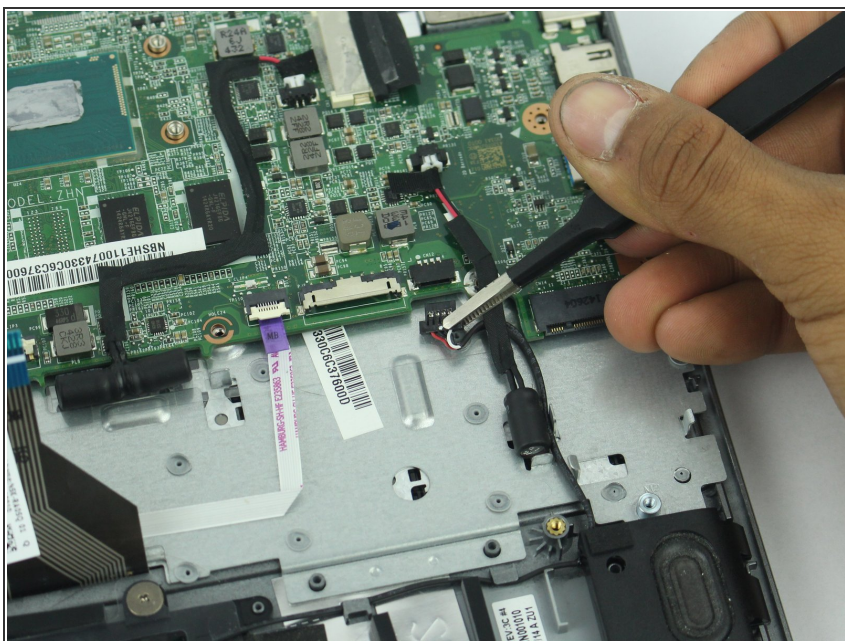
Step 8 — Memory

- Remove the 3.6 mm Phillips screw that secures the SSD in place.

Step 9

- Pull out the SSD.

Step 10 — Motherboard

- Disconnect the speaker cable from the motherboard.

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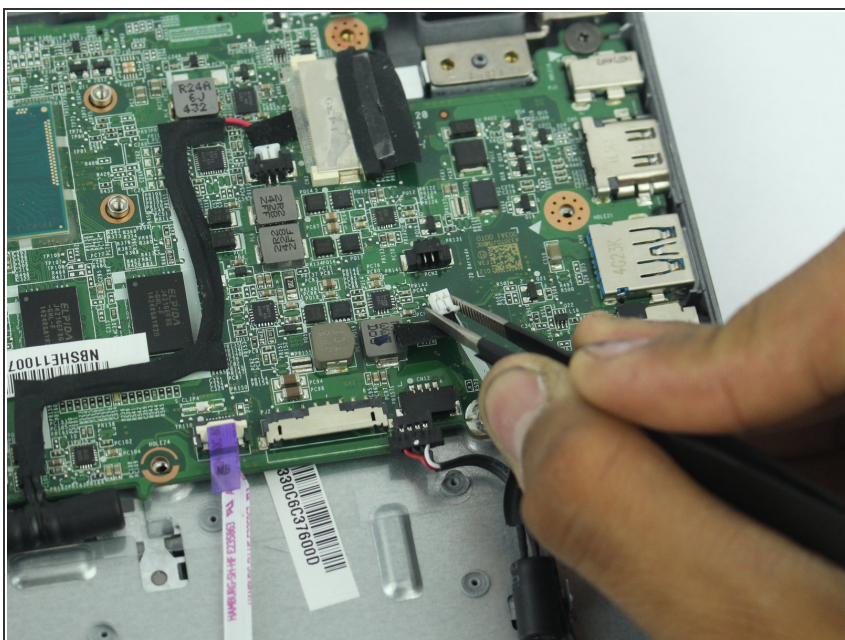
Step 11

- Disconnect the display cable from the motherboard.
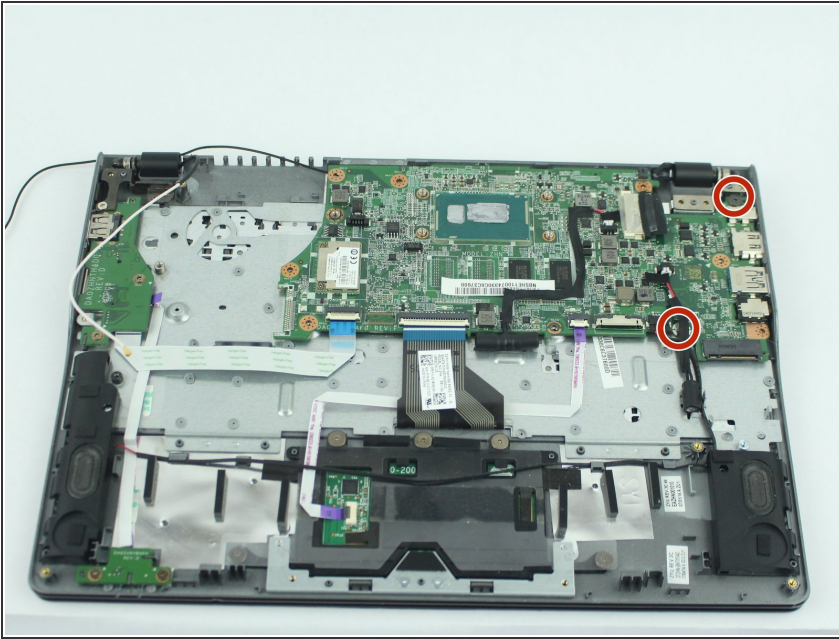
Step 12

- Gently pull out the wire for the 2 PIC connectors.
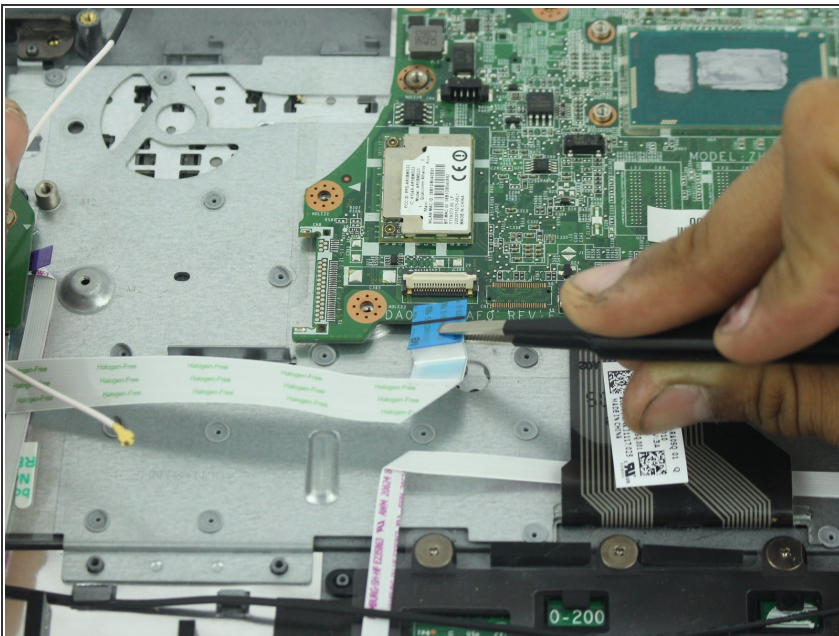

Step 13

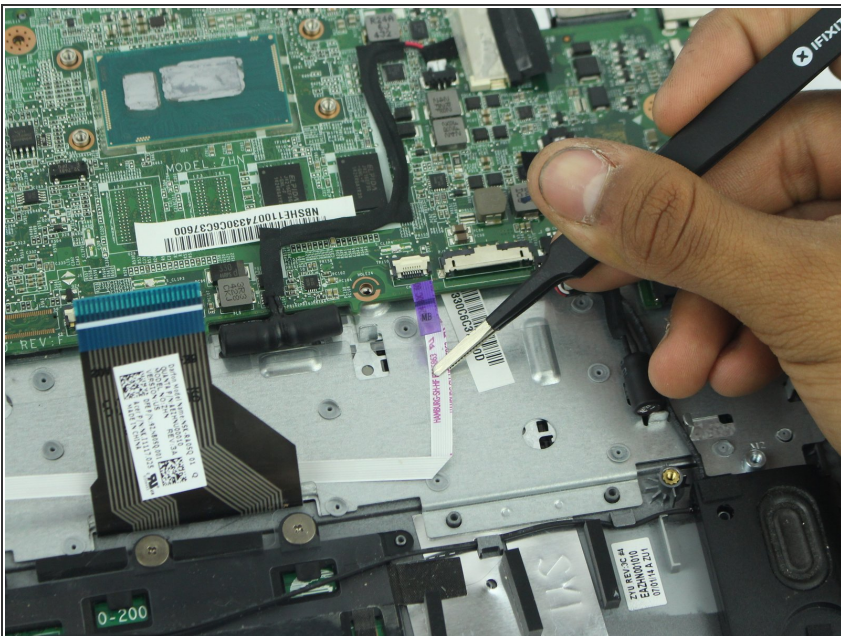- Remove the two 3.7 mm Phillips screws that hold the motherboard in place.

Step 14

- Lift up the black tab on the ZIF connector to release the ribbon cable.

- Carefully remove the ribbon cable.

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Step 15

- Lift up the black tab on the ZIF connector to release the ribbon cable.

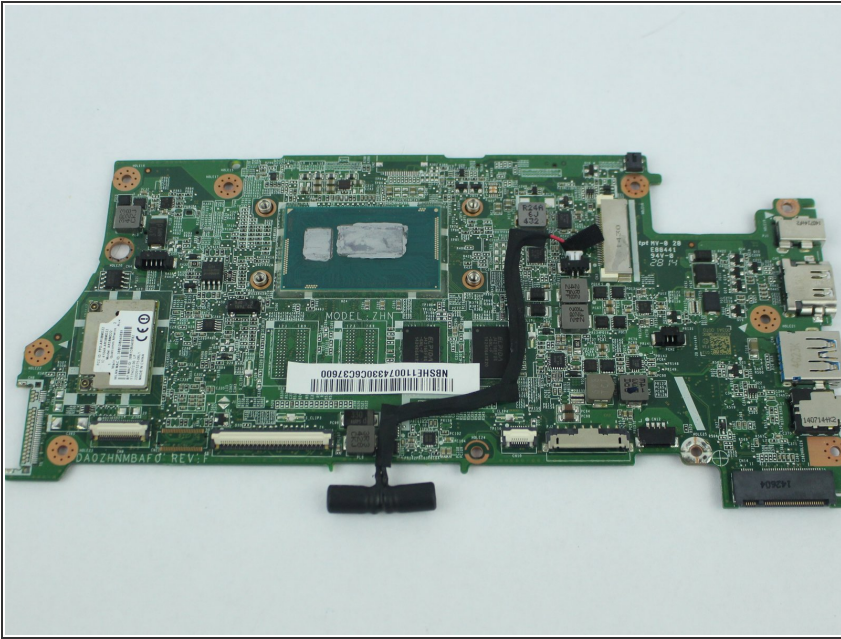- Gently remove the ribbon cable

Step 16

- Lift up the black tab on the ZIF connector to release the ribbon cable.
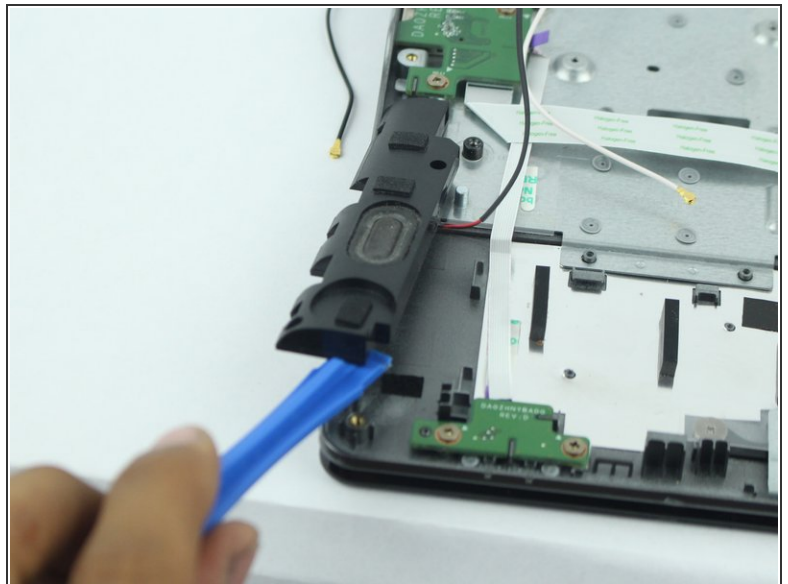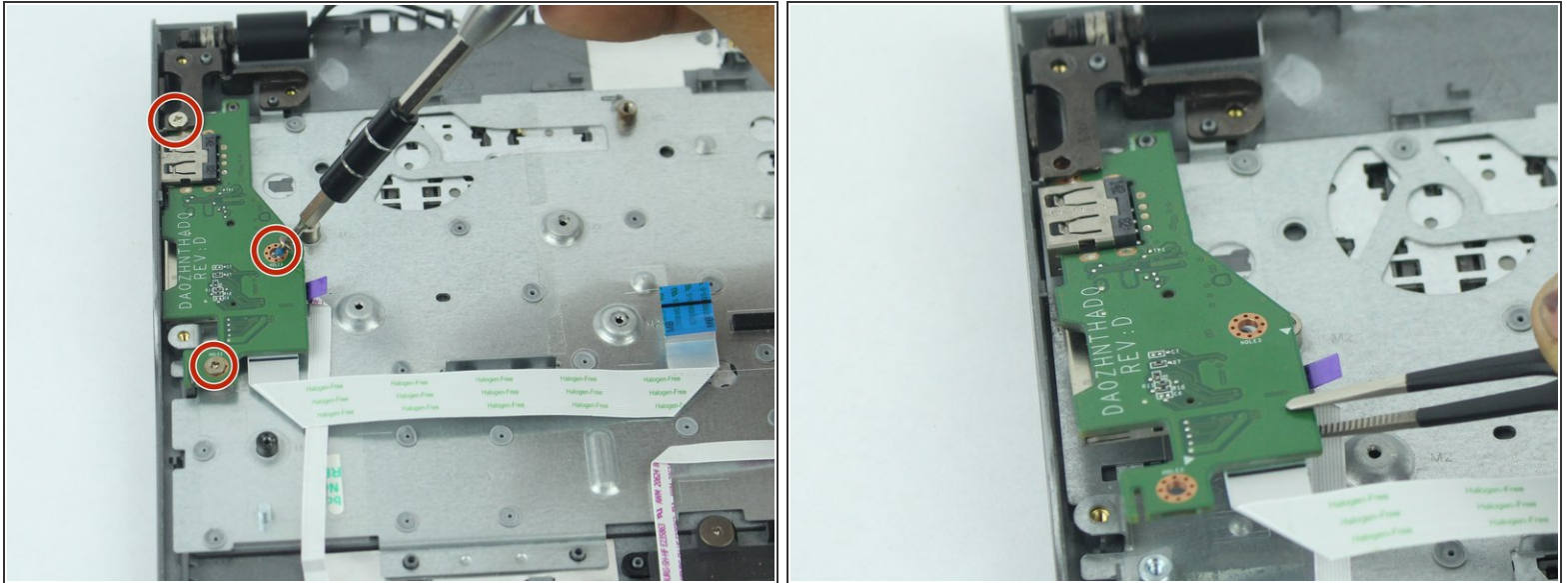
- Remove the ribbon cable.

Step 17

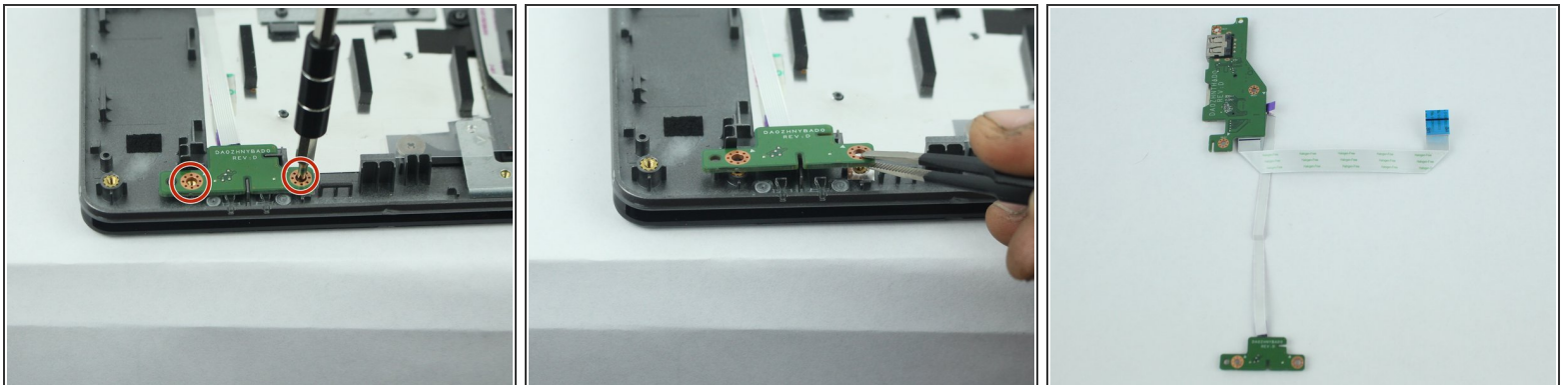● Lift up and remove the motherboard.

Step 18 — Keyboard

● Remove the speakers located on both left and right bottom corners of the Chromebook with a plastic opening tool.

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Step 19

- Remove the two 3.6 mm Phillips screws holding the USB and SD card port with a PH0 screwdriver.
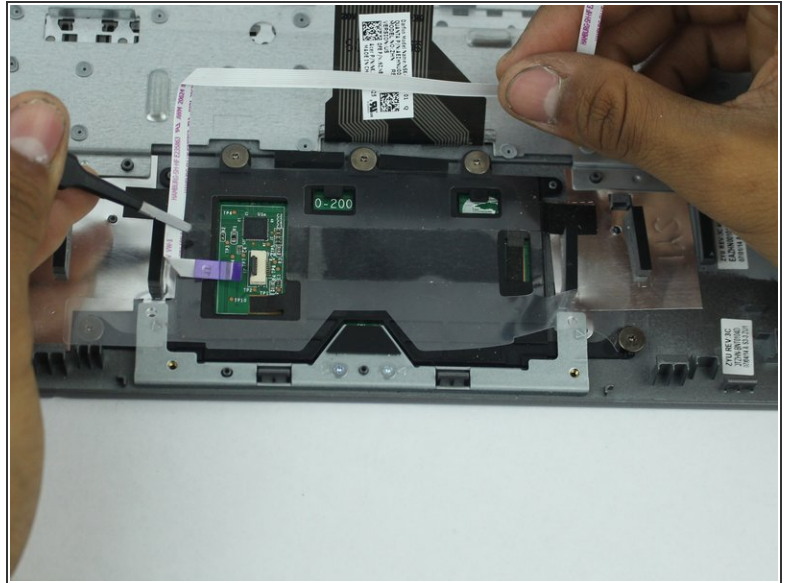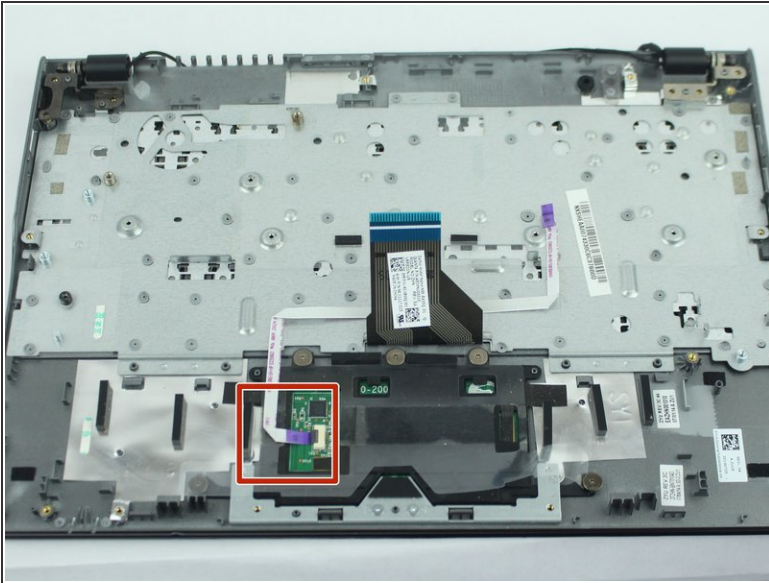
- Lift out and remove the port.

Step 20

- Remove the two 3.6 mm Phillips screws holding the LED sensors.
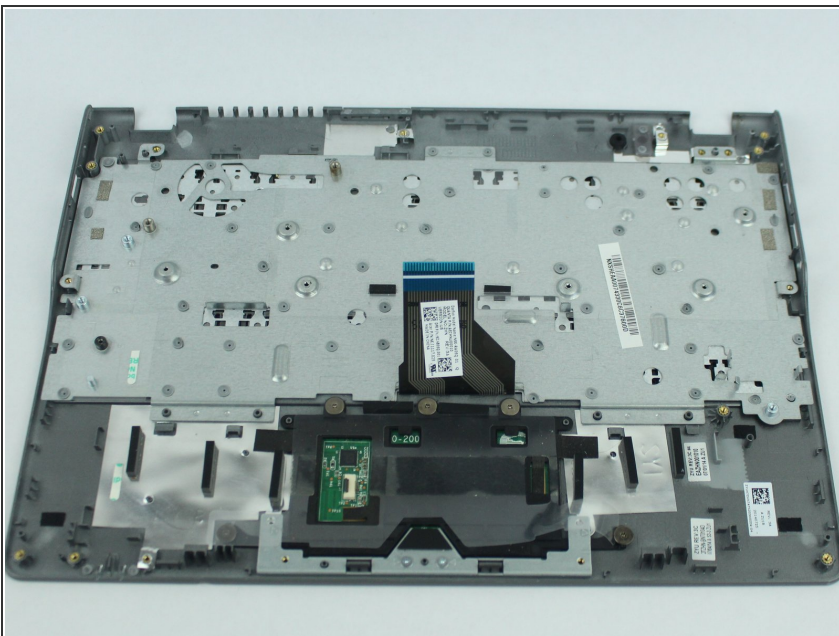
- Remove the LED Sensors.

Step 21

- Flip up the black tab on the ZIF connector to release the ribbon cable.

- Remove the ribbon cable.

  ⚠ This ribbon is fragile, do not use excessive force.

Step 22

- Leave only the single ribbon cable.

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