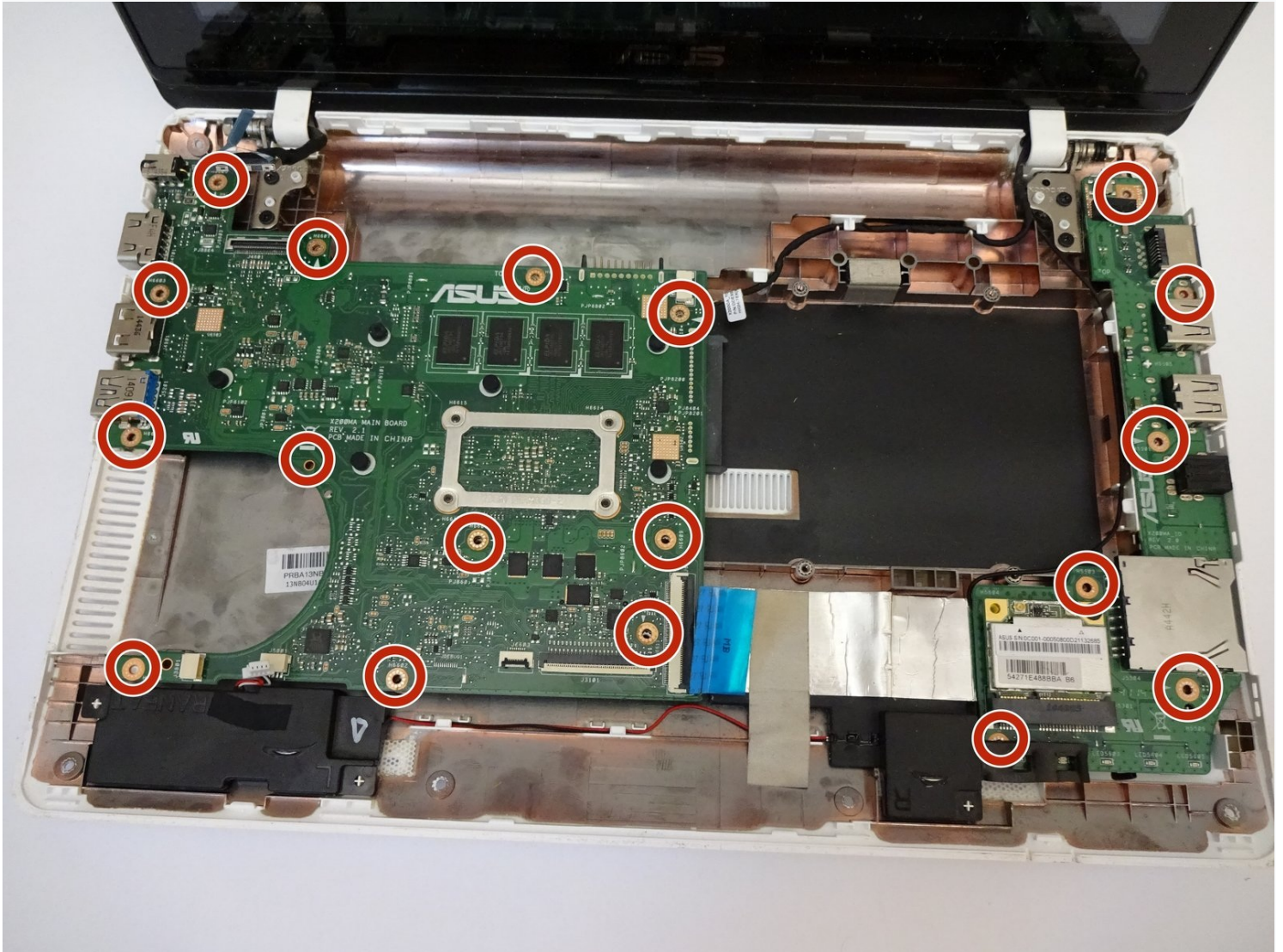




ASUS K200MA-DS01T Motherboard Replacement

This guide will assist in replacing the...

Written By: Terrinda



INTRODUCTION

This guide will assist in replacing the motherboard for an Asus K200MA laptop.

TOOLS:

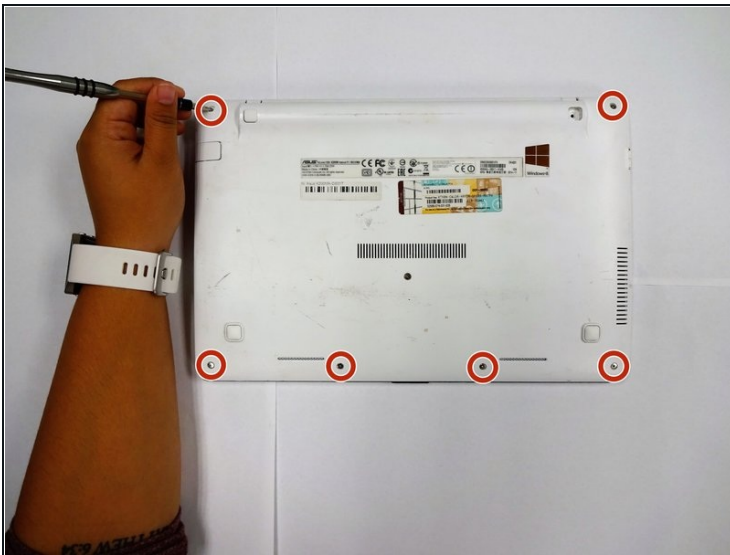
Phillips #0 Screwdriver (1)

iFixit Opening Tool (1)

Spudger (1)

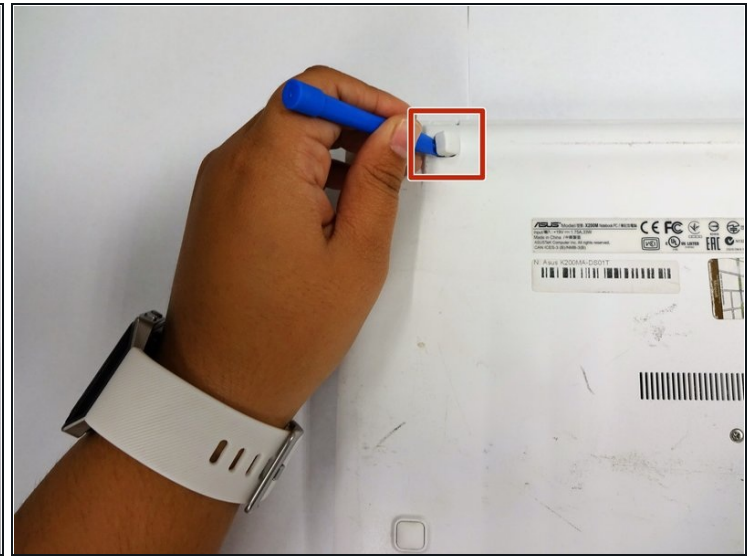
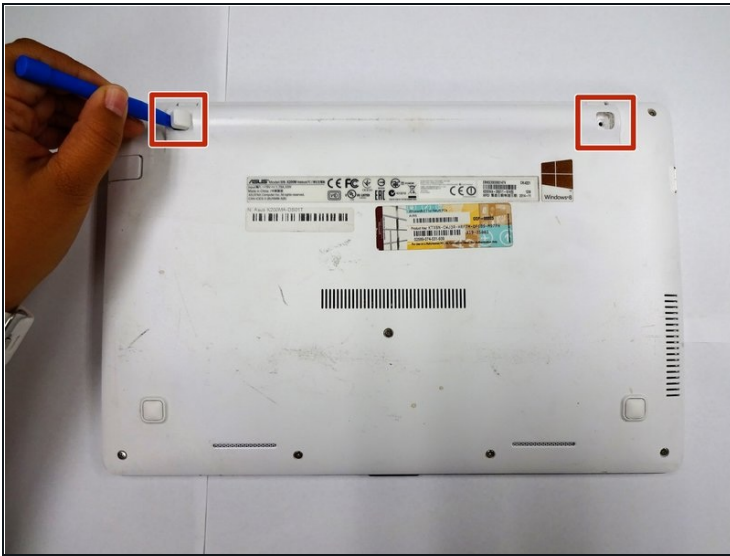
Tweezers (1)

Step 1 — Back Panel



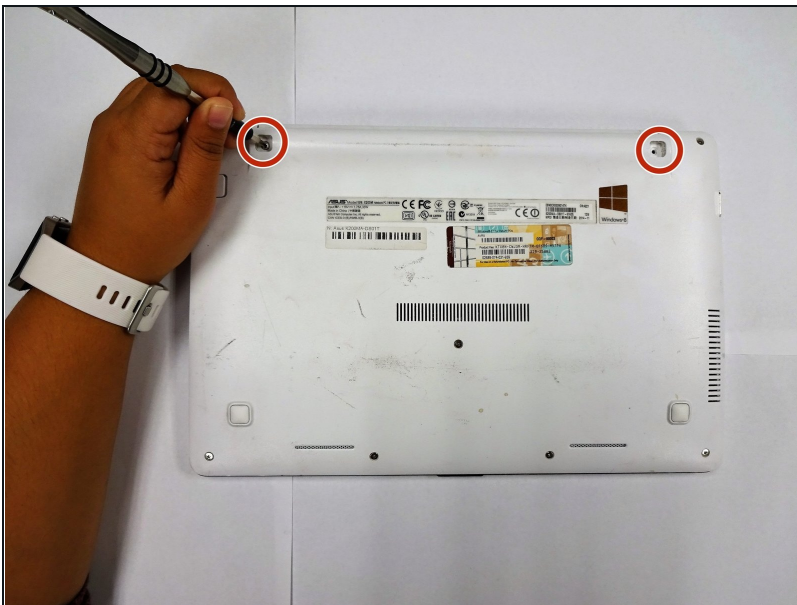
- With the opening facing you, flip the laptop over and remove the following screws from the back panel:
 - Six 4mm Phillips screws using a Phillips #0 screwdriver.
 - One 12mm Phillips screw in the center using a Phillips #0 screwdriver.

Step 2



- Using a plastic spudger, remove the two rubber stoppers closest to the hinge to reveal the screws underneath.

Step 3



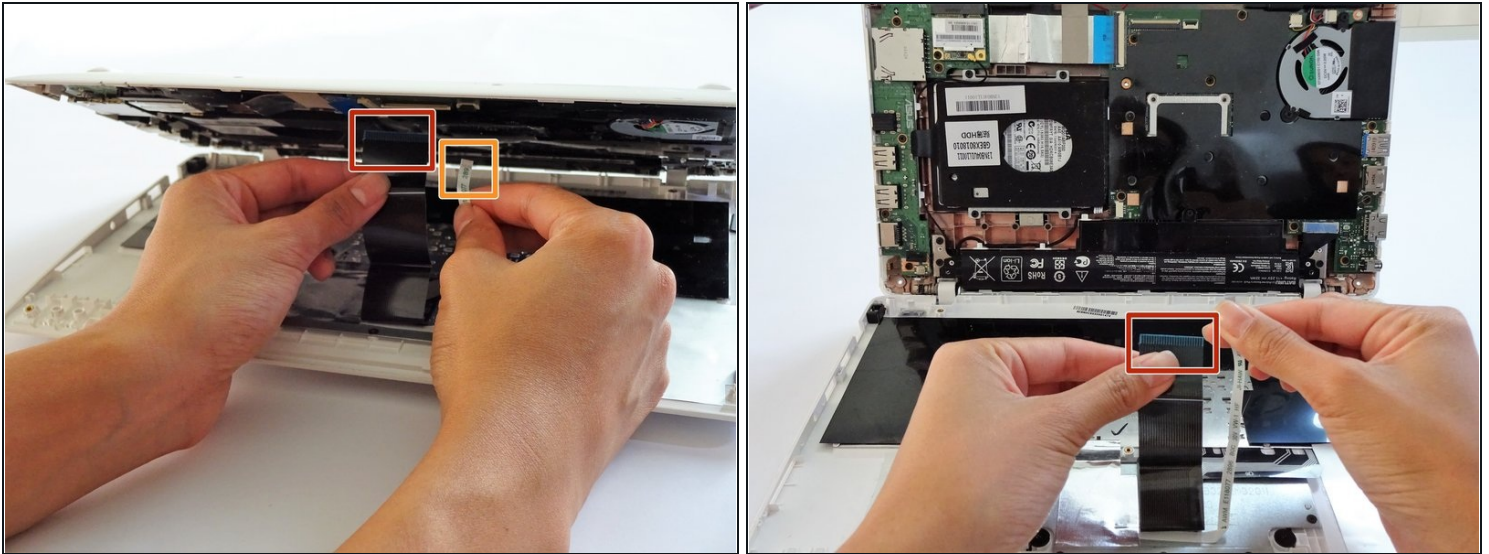
- Remove the following screws:
 - Two 4mm Phillips screws using a Phillips #0 screwdriver.

Step 4



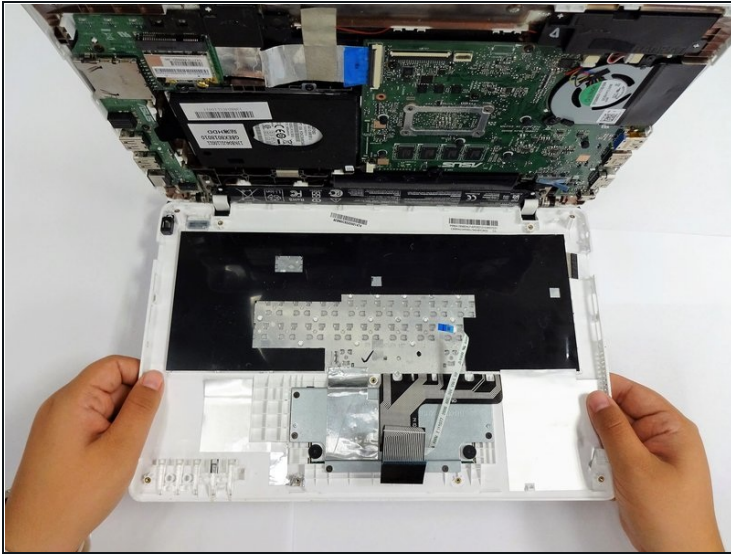
- Using a plastic spudger (and a fair amount of force), pry the back panel up from the keyboard to separate.
- ① You may have to use one spudger to wedge between the back panel and keyboard while using another to pry it open in a different spot.

Step 5 — Keyboard



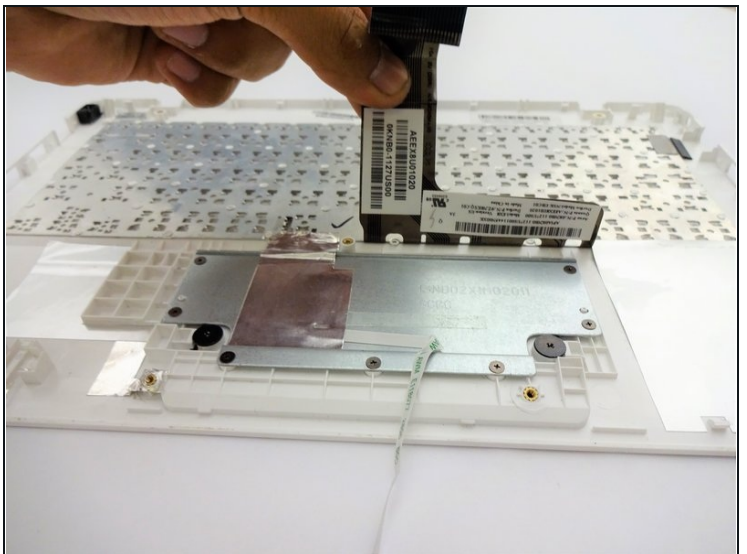
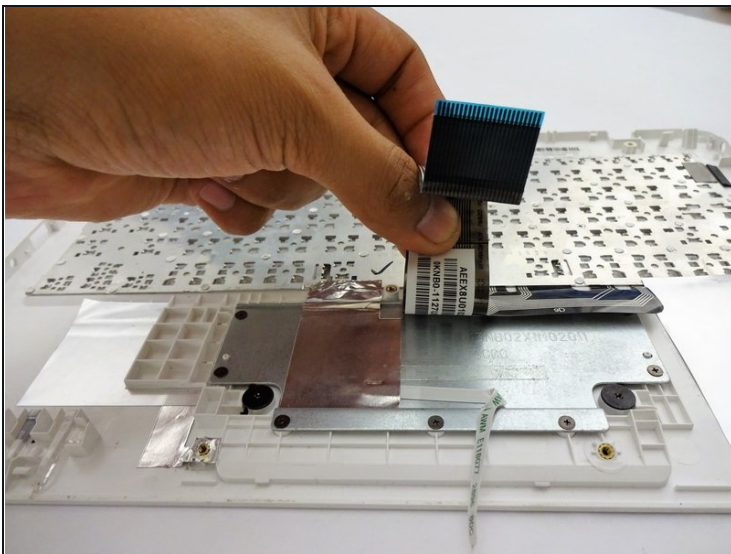
- To disconnect the keyboard connectors from keyboard and back panel, gently pull wide keyboard connector out.
- Gently pull the narrow connector away from the keyboard.

Step 6



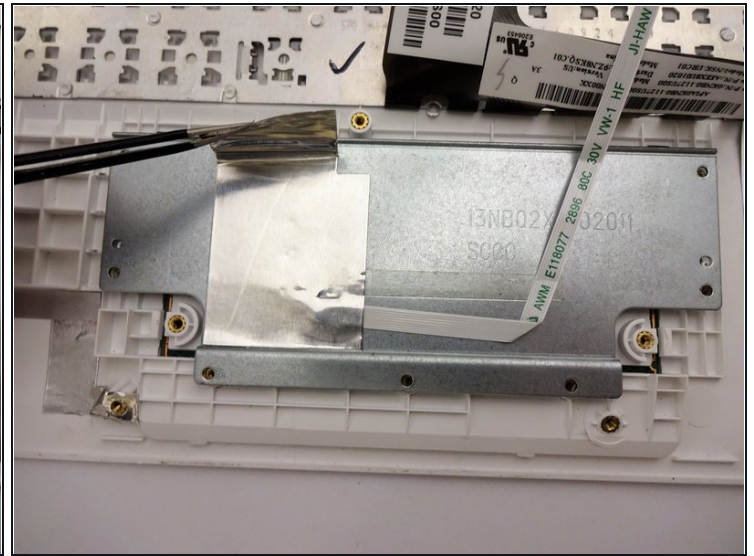
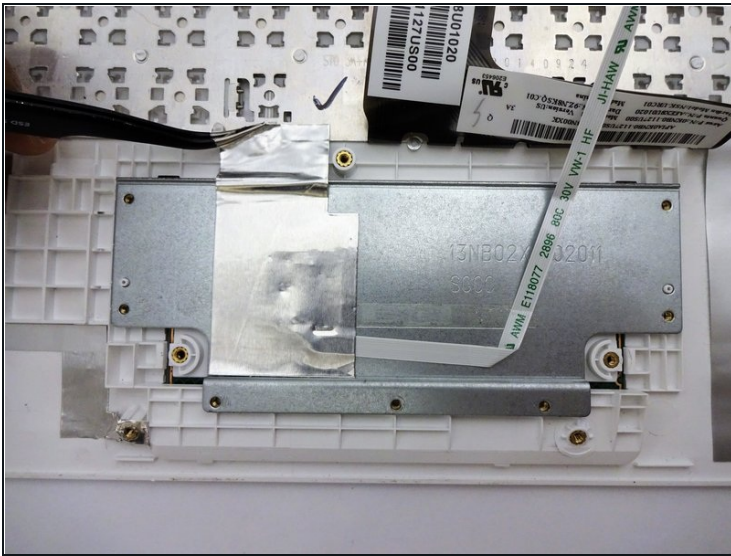
- Now that the keyboard connectors are unplugged, pull the keyboard off and away from the back panel hinges.

Step 7 — Track Pad



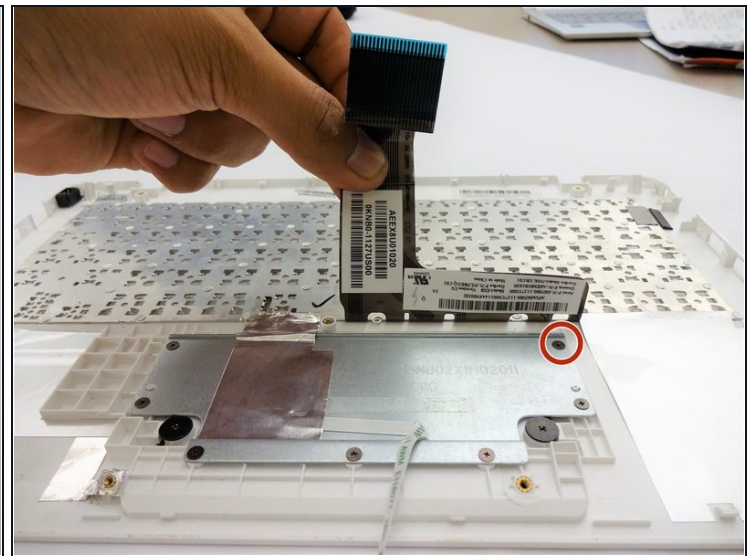
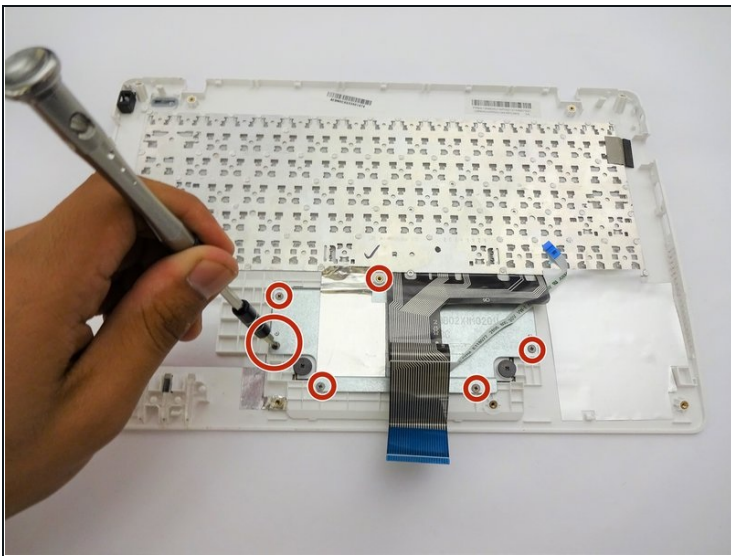
- Lift the keyboard connector from the keyboard.

Step 8



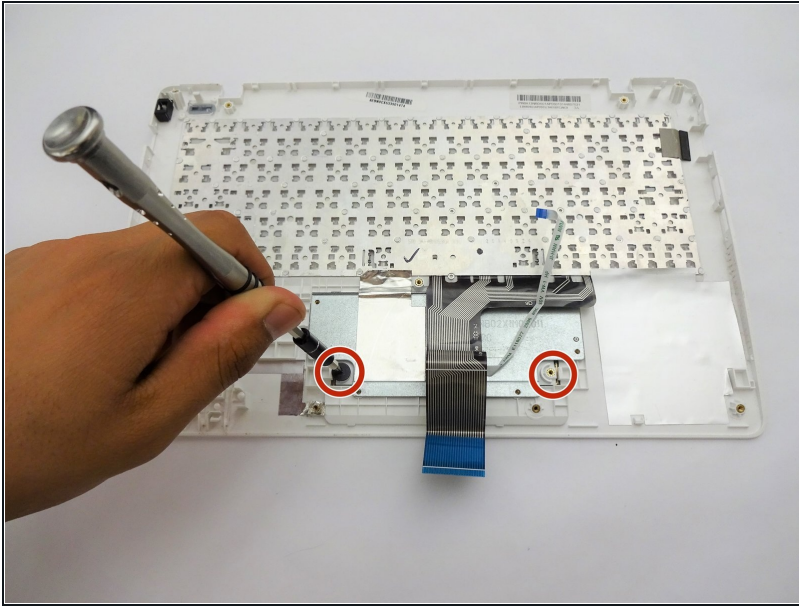
- Lift the foil sheet.

Step 9



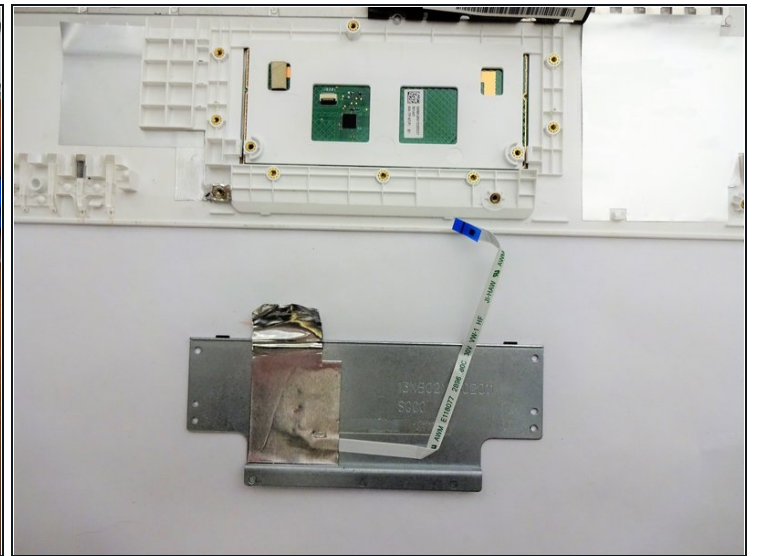
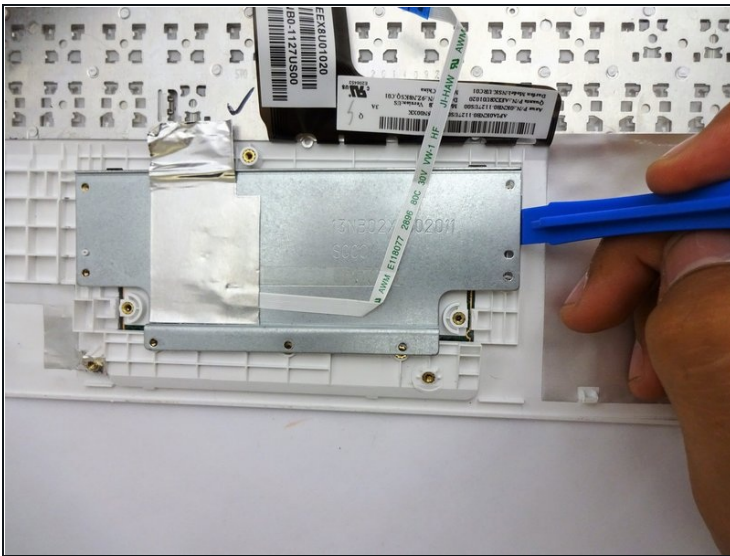
- Remove the following screws:
 - Eight 3 mm screws using Phillips screwdriver.
- ① Be sure to remove the screw underneath the keyboard connector.

Step 10



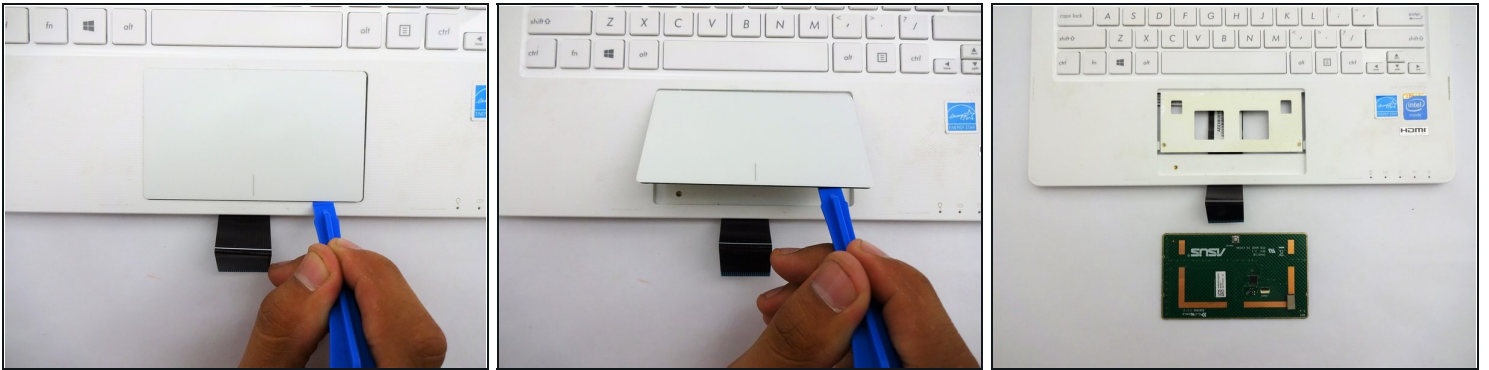
- Remove the following screws:
 - Two 2 mm screws using a Phillips #00 screwdriver.

Step 11



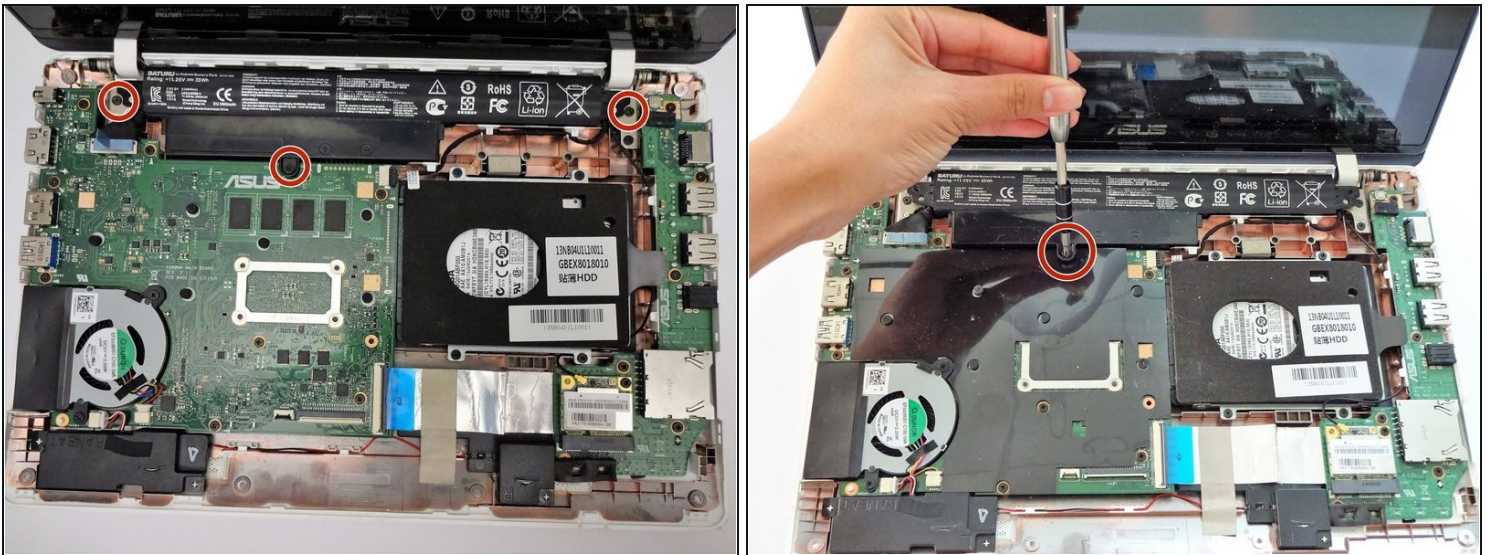
- Using a plastic spudger, remove the metal plate.

Step 12



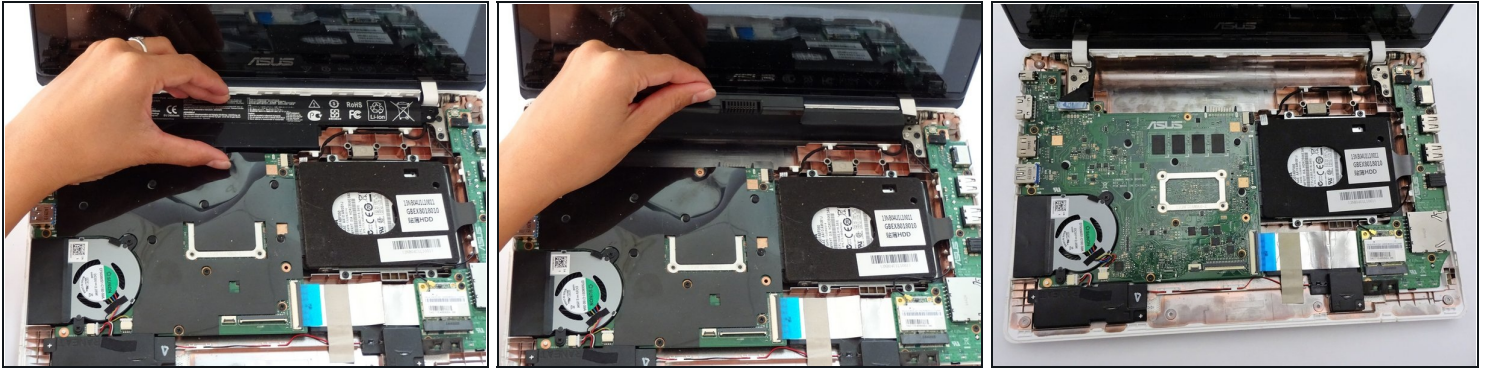
- Flip the keyboard over.
- Using a plastic spudger, pry the track pad off the plastic piece underneath.
- ① Don't be afraid to use some force in this step because the track pad and the plastic piece are glued together.

Step 13 — Battery



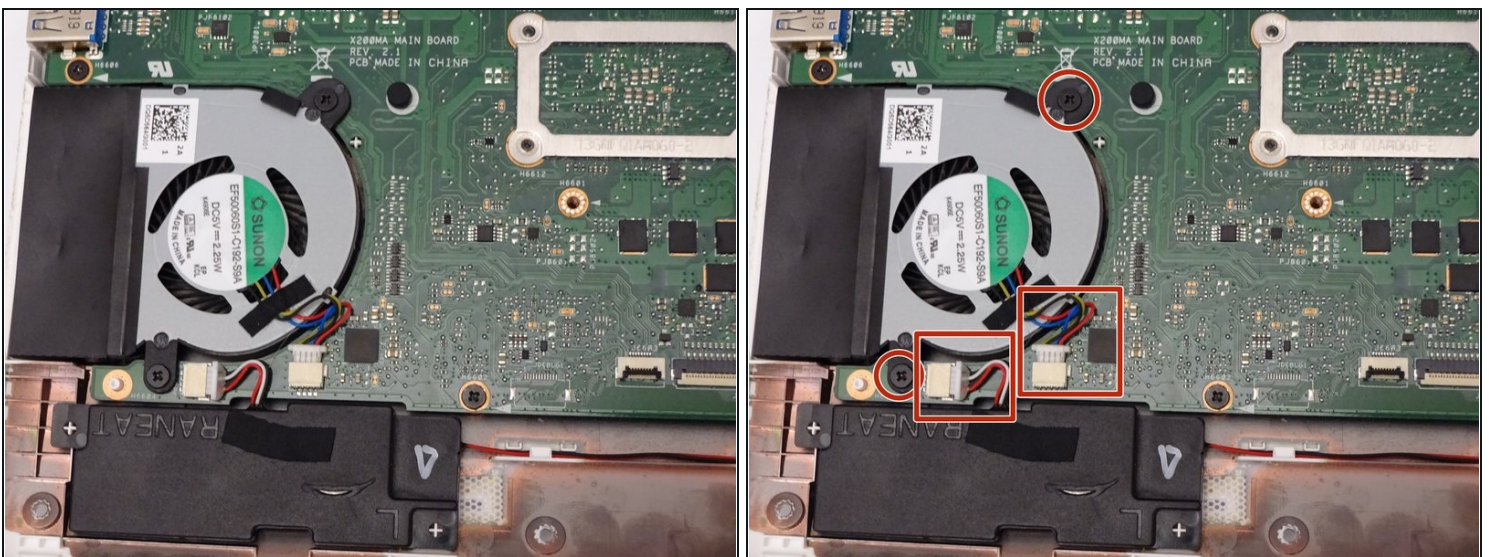
- Flip the computer over so that the side with the motherboard (large green piece) is laying face-up.
- Remove the following screws from the middle and far ends of the battery:
 - Three 4mm Phillips screws using a Phillips #0 screwdriver.
- ① The battery will be located closest to the screen.

Step 14



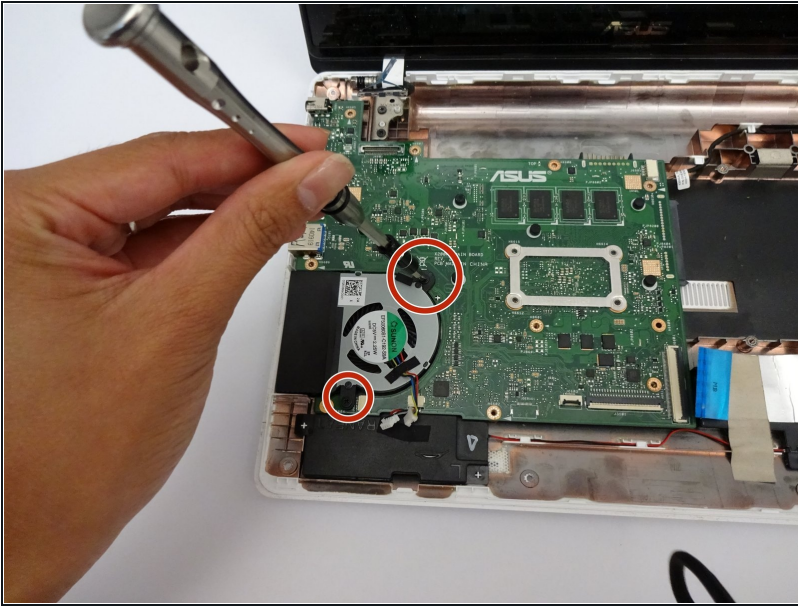
- Gripping the wider left section, lift the battery up and away from computer.

Step 15 — Fan



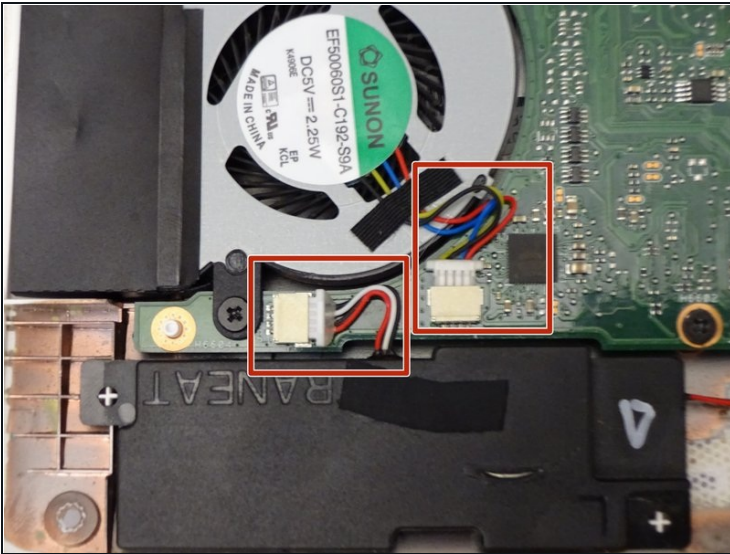
- Locate the fan, two screws and two color coded wires in the bottom left corner of the computer.

Step 16



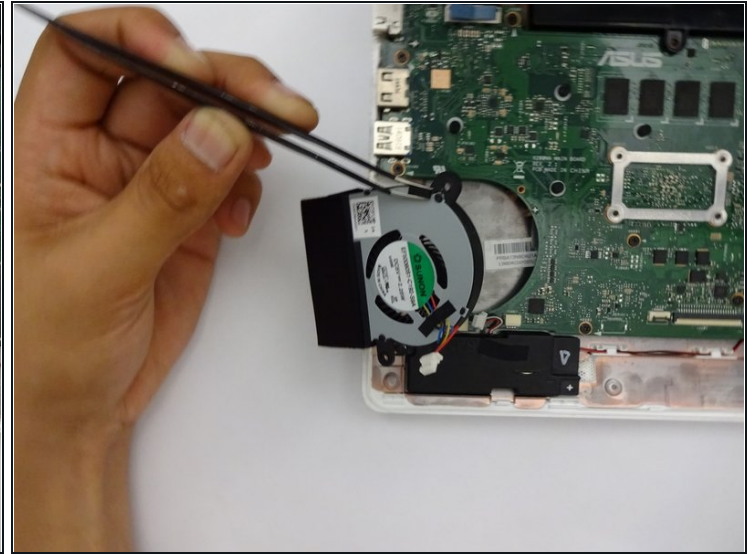
- Remove the following screws from the fan:
 - Two 4mm screws using a Phillips #0 screwdriver.

Step 17



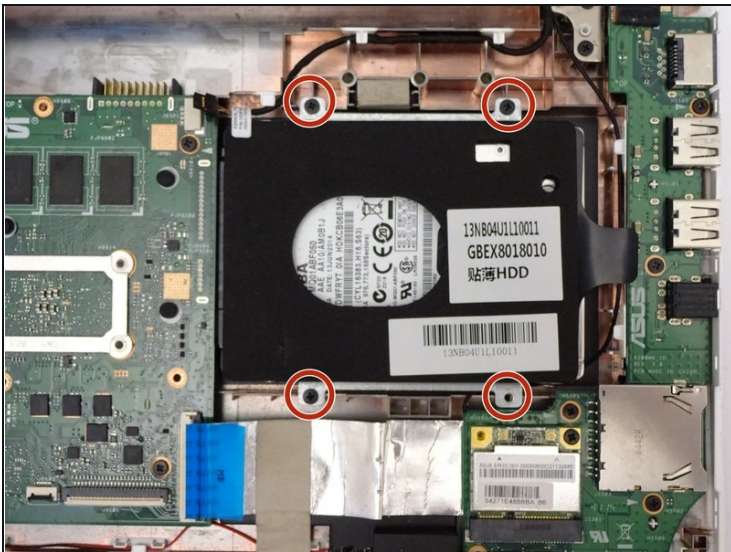
- Firmly pull colored wires away from wire slot.

Step 18



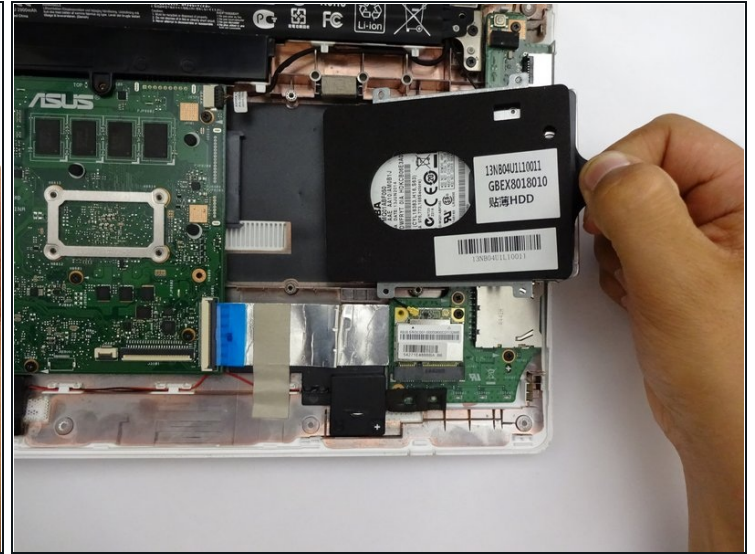
- After removing both the screws and color coded wires, lift fan out of place.
- ① Tools such as spudgers or [tweezers](#) may be used for fan removal.

Step 19 — Hard drive



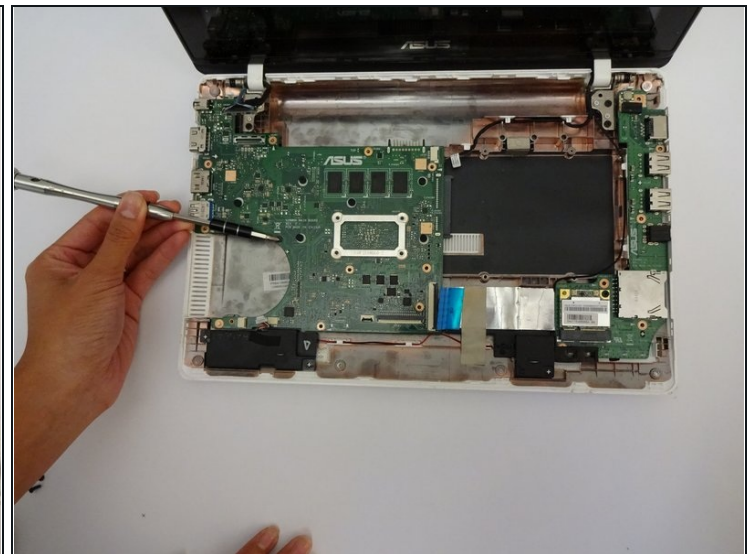
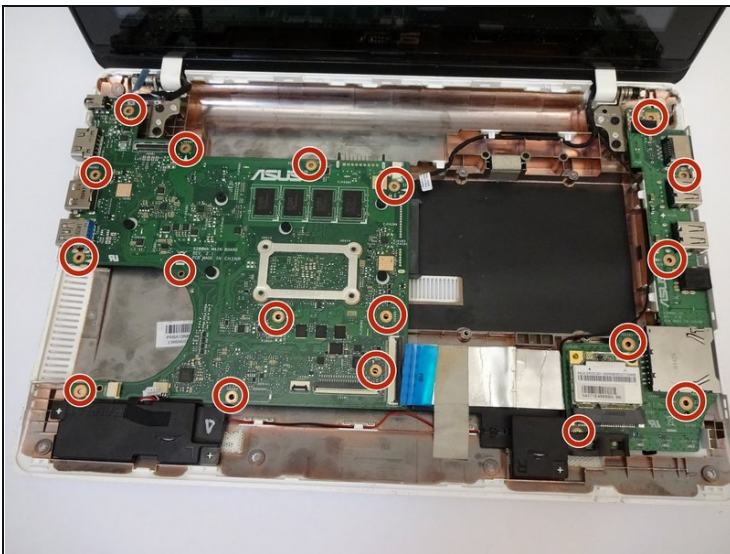
- Remove the following screws:
 - Four 4mm Phillips screws using a Phillips #0 screwdriver.

Step 20



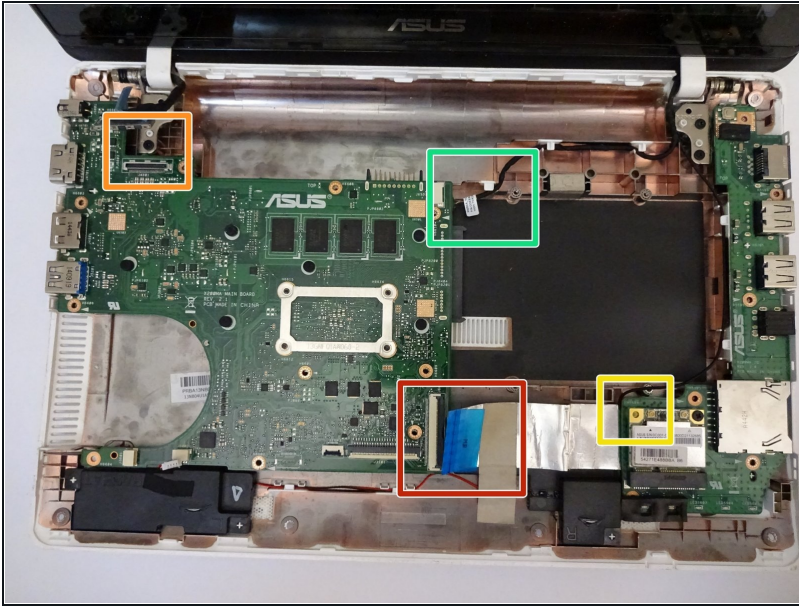
- Remove by sliding hard driving right and away from the computer using the tag on the right side.

Step 21 — Motherboard



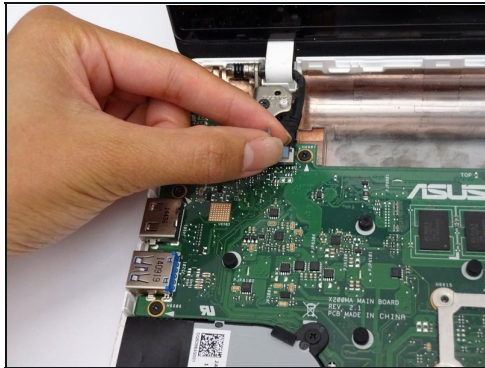
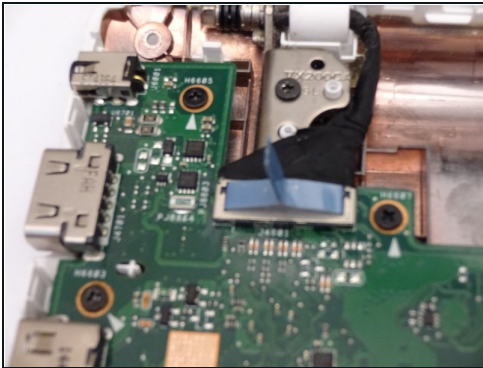
- Locate and remove the following screws on the motherboard:
 - Eighteen 4mm Phillips screws using a Phillips #0 screw driver.

Step 22



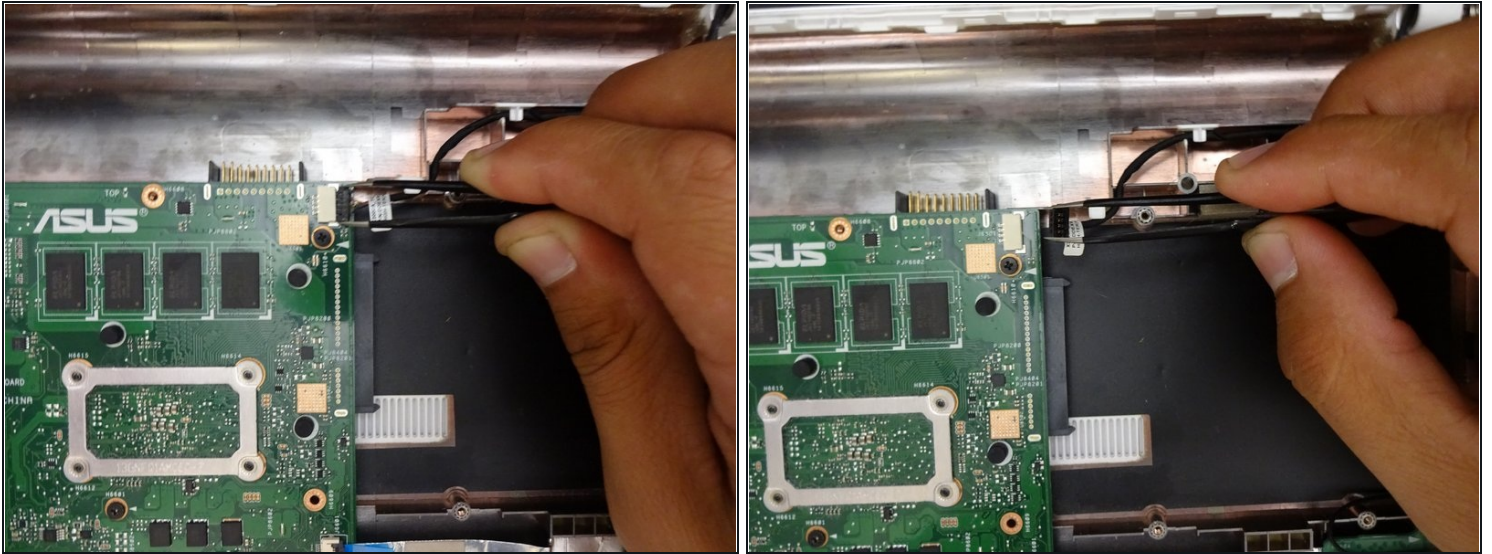
- Locate all 4 connectors.
- ① One connector will be a ribbon, a second will be color coded, a third will be a single gold cable, and a fourth will be a wide vertically placed connector.

Step 23



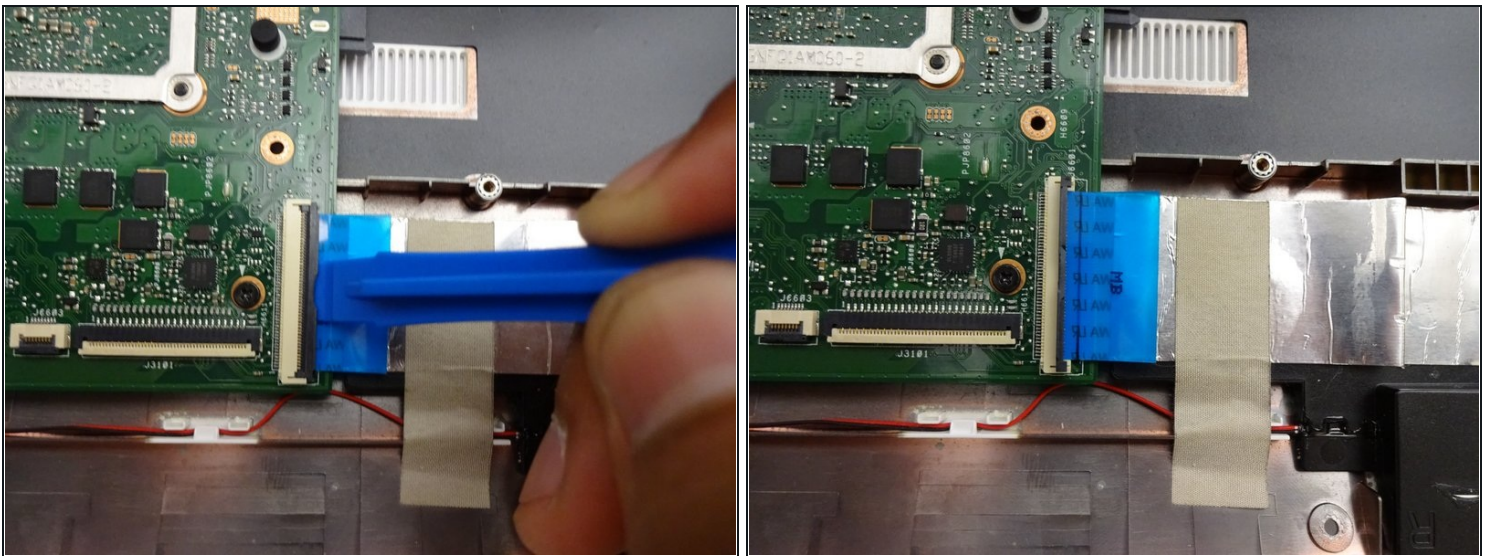
- Use the blue ribbon to vertically pull the connector away from the mother board.
- ① A firm amount of force will be required.

Step 24



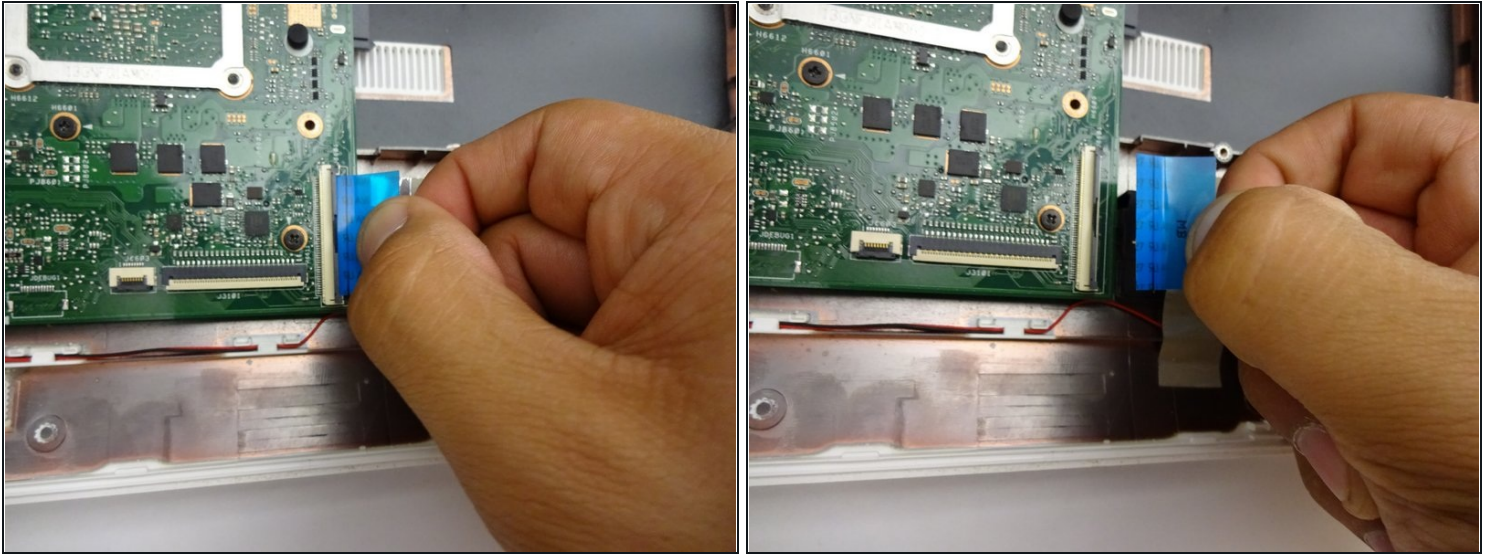
- Pull the connector horizontally away from the socket.

Step 25



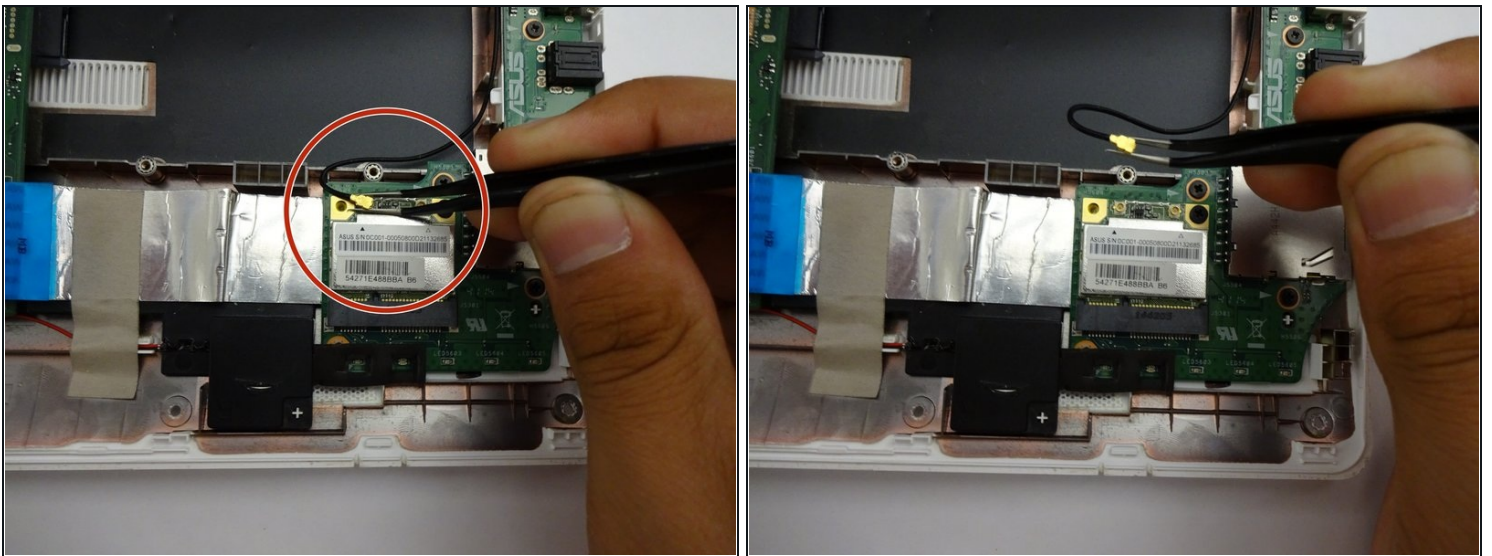
- Lift the latch upwards to release the computer ribbon connector.

Step 26



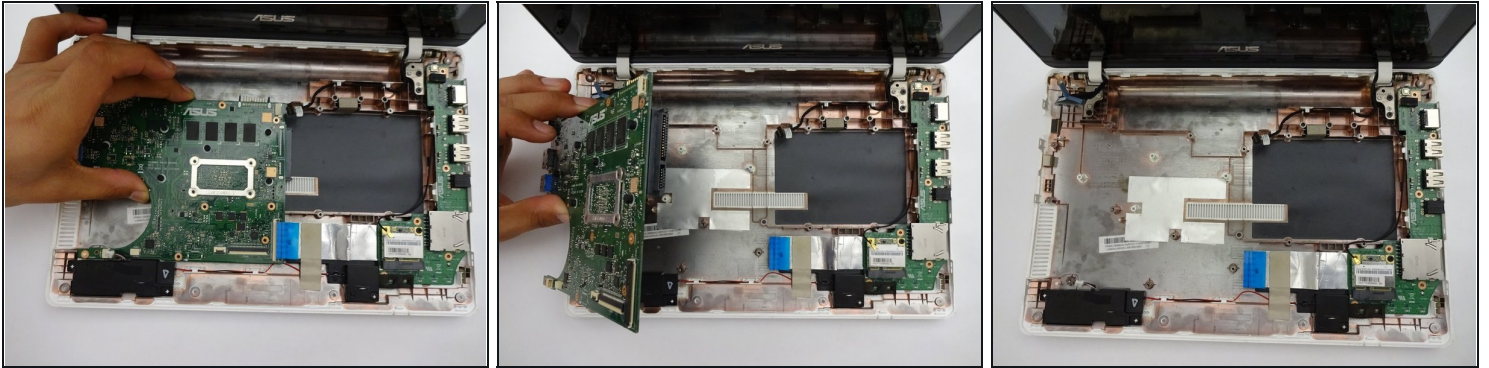
- Horizontally pull the computer ribbon cable away from latch.

Step 27



- Vertically pull the cable from the head away from the placement.

Step 28

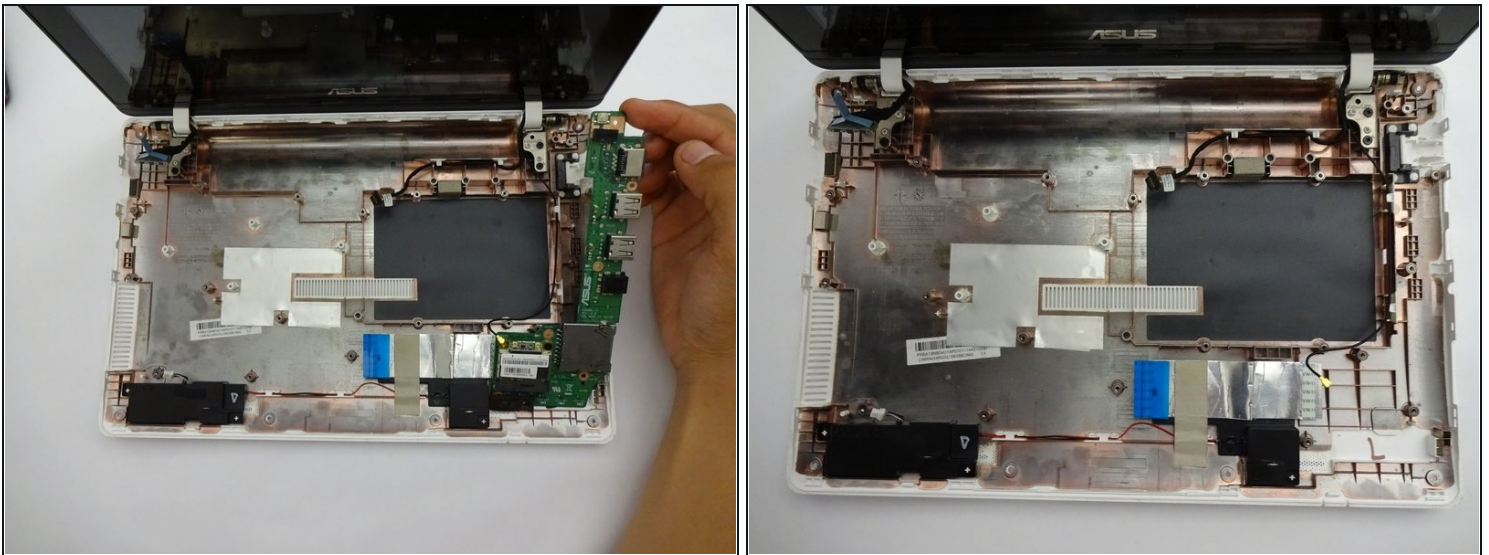


- Once all screws and connectors are removed, gently lift the motherboard from computer.

① Removing motherboard does not require firm force.

⚠ To prevent damage, DO NOT use tools to remove the motherboard.

Step 29



- Remove the final piece of the motherboard on the right-hand side of the keyboard shell.

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