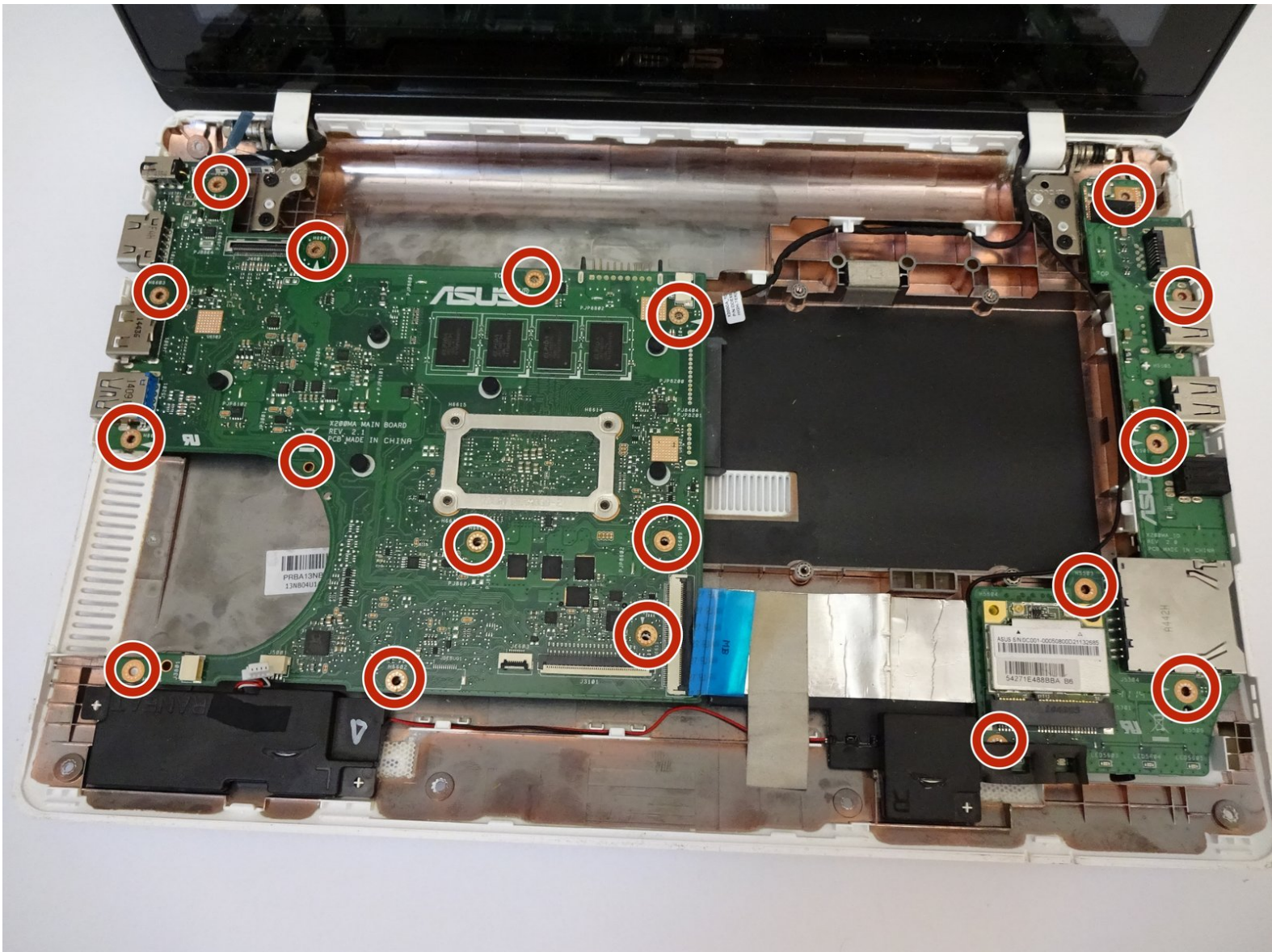




ASUS K200MA-DS01T Motherboard Replacement

Motherboard replacements for an Asus K200MA-DS01T can be done with this step-by-step guide.

Written By: Terrinda



INTRODUCTION

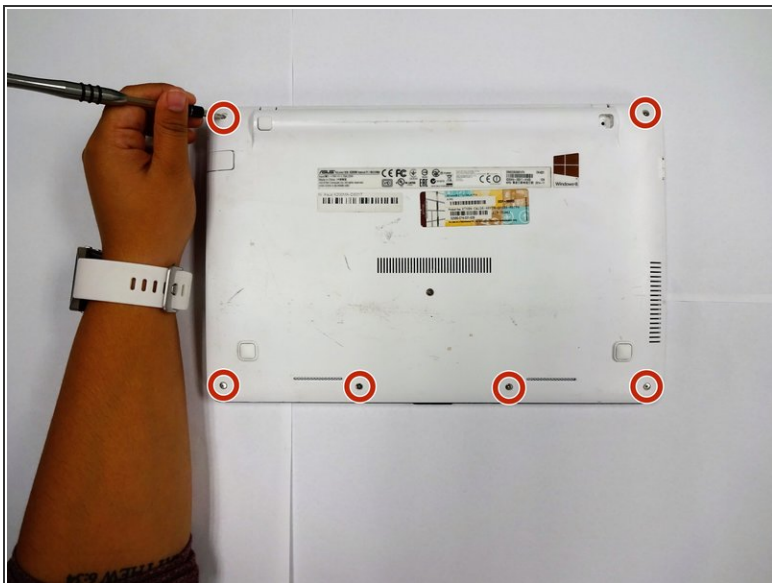
This guide will assist in replacing the motherboard for an Asus K200MA laptop.



TOOLS:

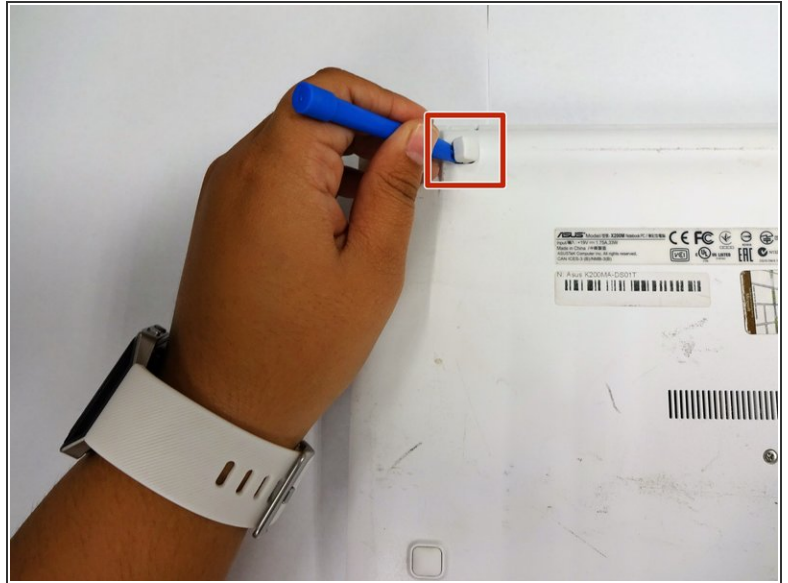
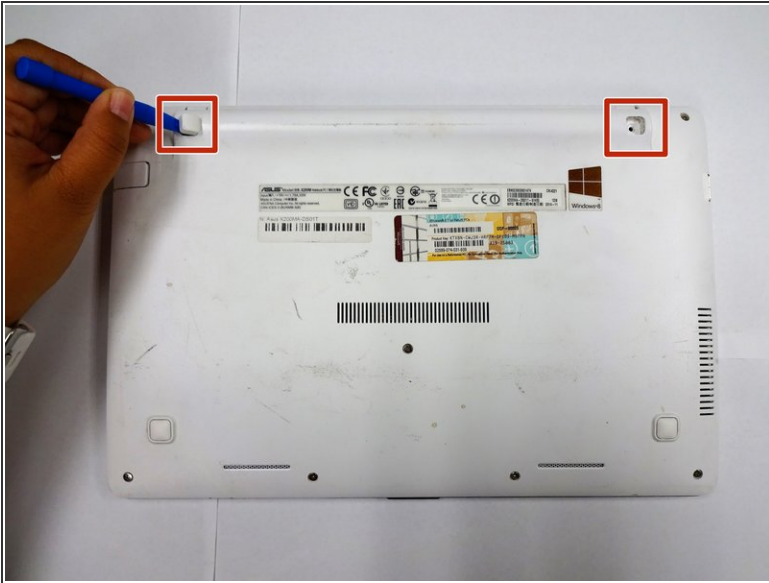
- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Back Panel



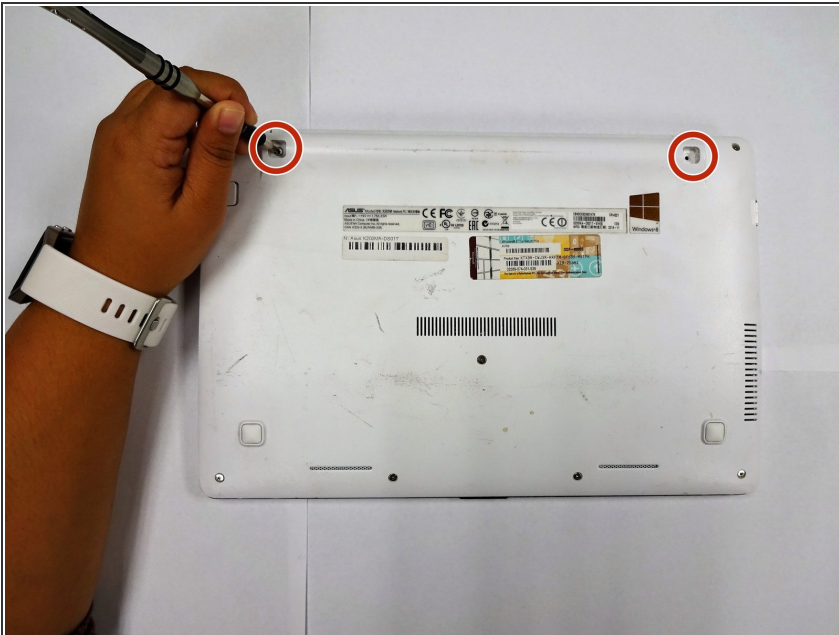
- With the opening facing you, flip the laptop over and remove the following screws from the back panel:
 - Six 4mm Phillips screws using a Phillips #0 screwdriver.
 - One 12mm Phillips screw in the center using a Phillips #0 screwdriver.

Step 2



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

Step 3



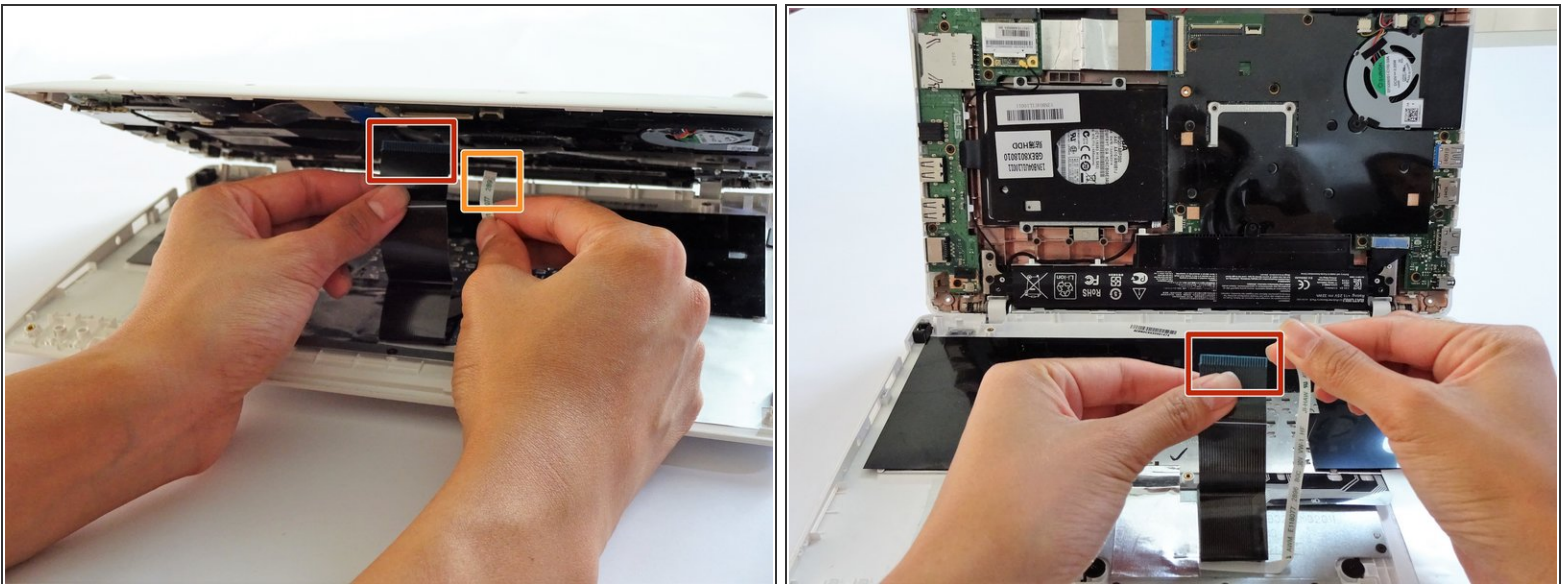
- Remove the following screws:
 - Two 4mm Phillips screws using a Phillips #0 screwdriver.

Step 4



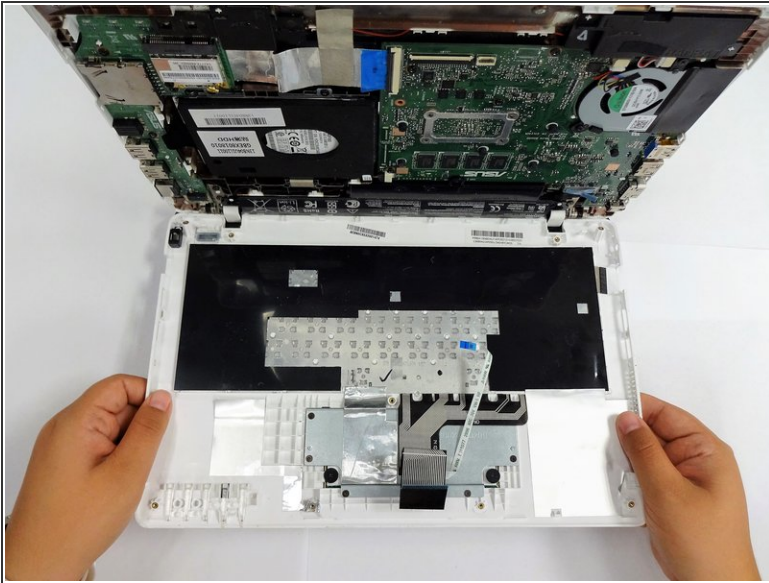
- Using a plastic spudger (and a fair amount of force), pry the back panel up from the keyboard to separate.
- ❗ You may have to use one spudger to wedge between the back panel and keyboard while using another to pry it open in a different spot.

Step 5 — Keyboard



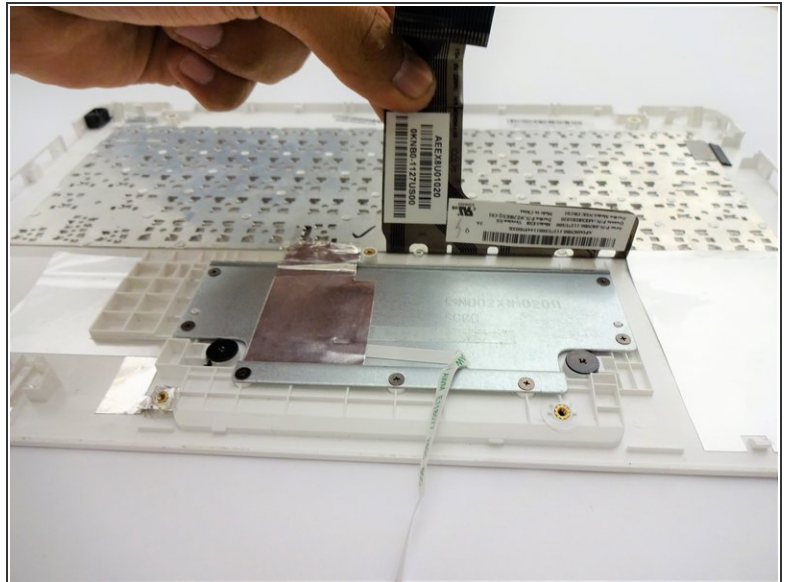
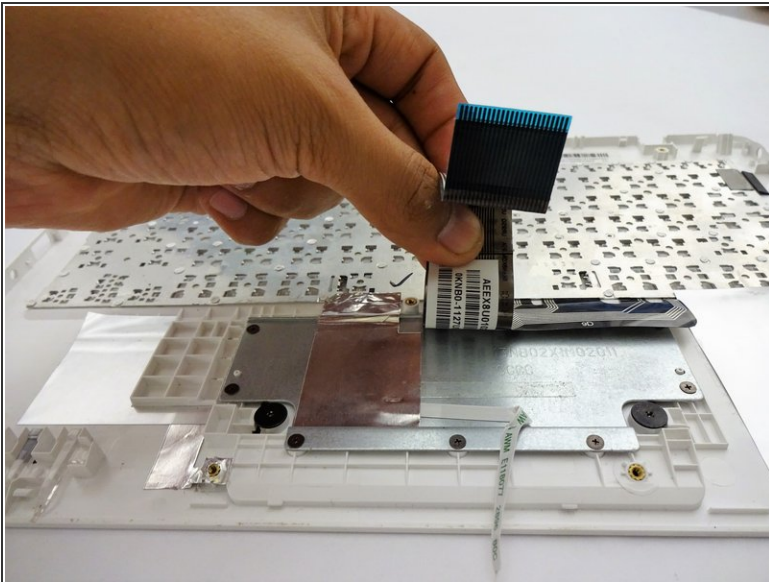
- To disconnect the keyboard connectors from keyboard and back panel, gently pull wide keyboard connector out.
- Gently pull the narrow connector away from the keyboard.

Step 6



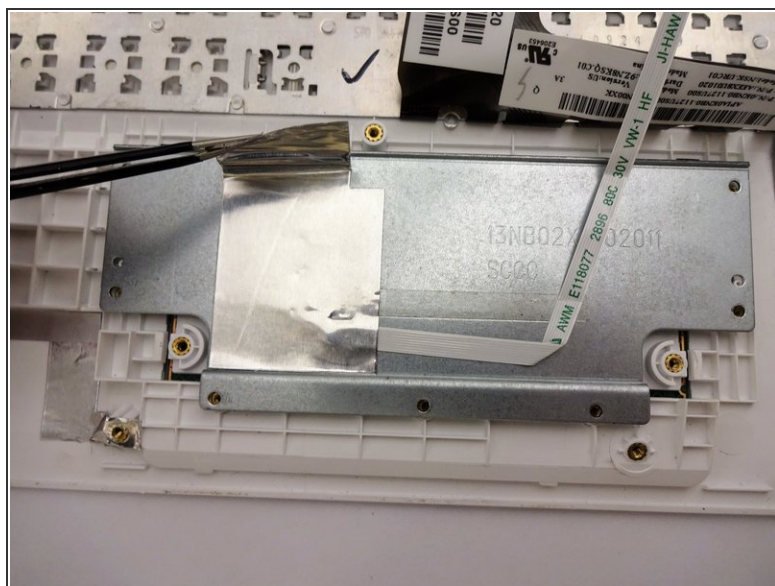
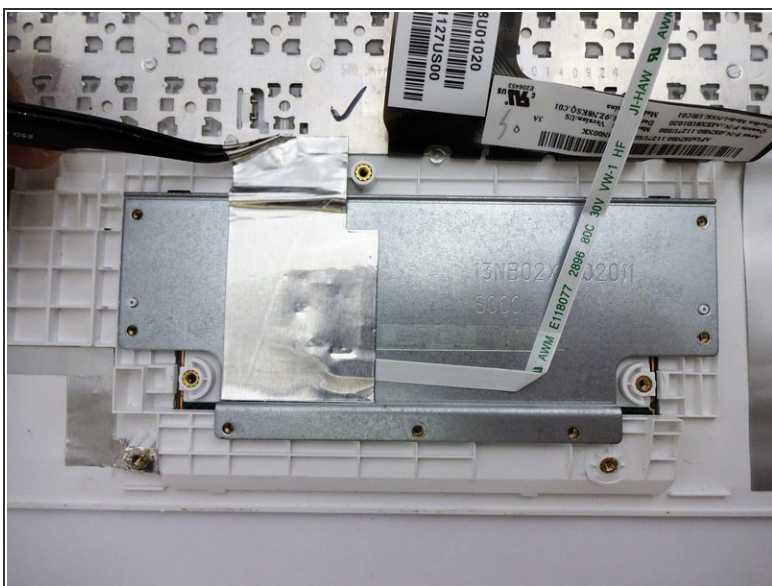
- Now that the keyboard connectors are unplugged, pull the keyboard off and away from the back panel hinges.

Step 7 — Track Pad



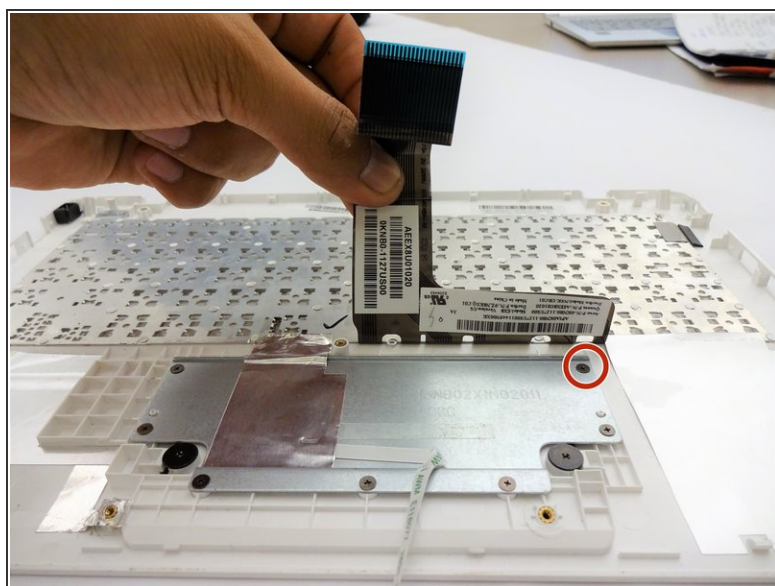
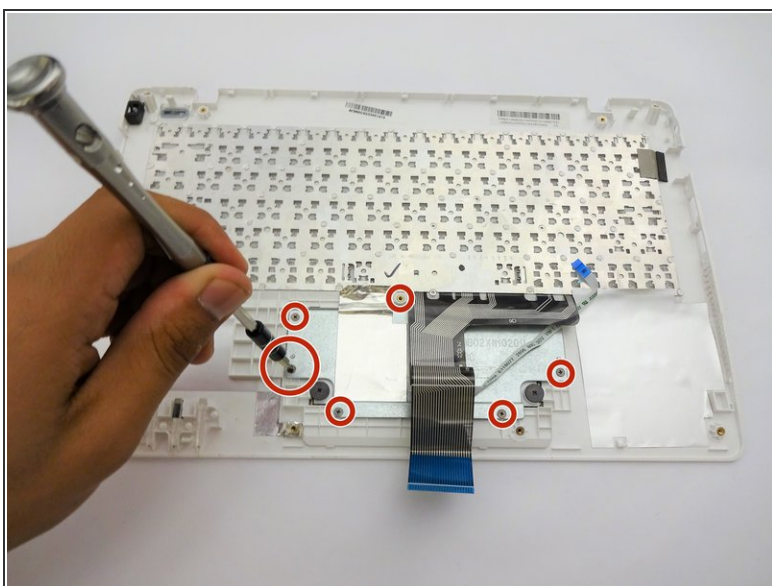
- Lift the keyboard connector from the keyboard.

Step 8



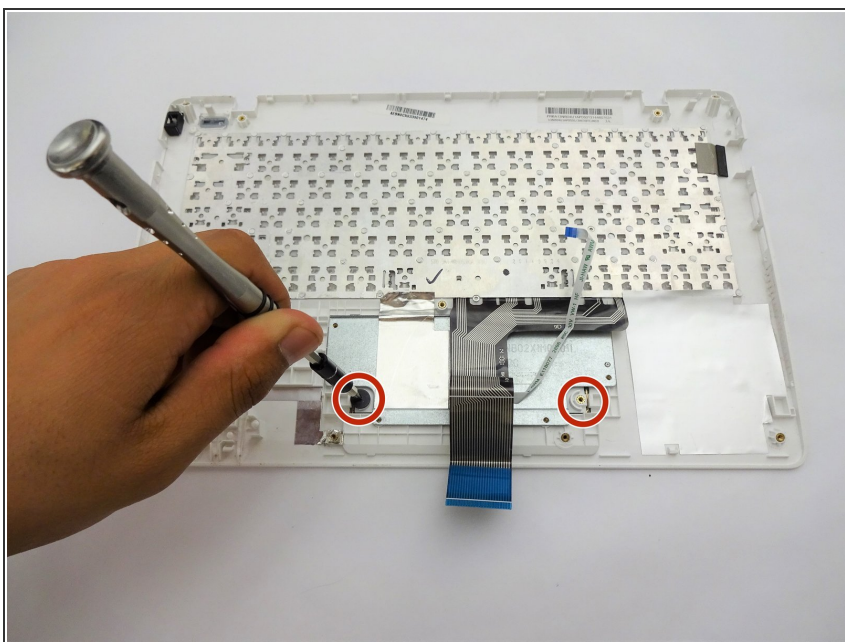
- Lift the foil sheet.

Step 9



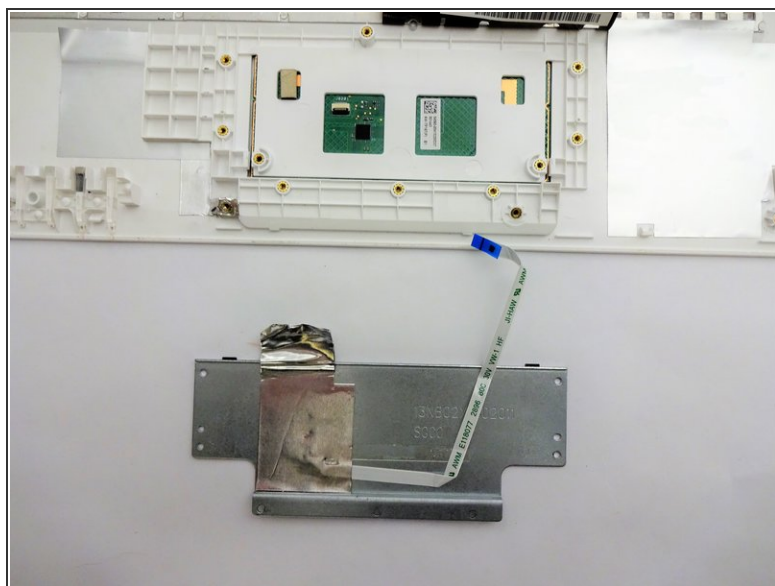
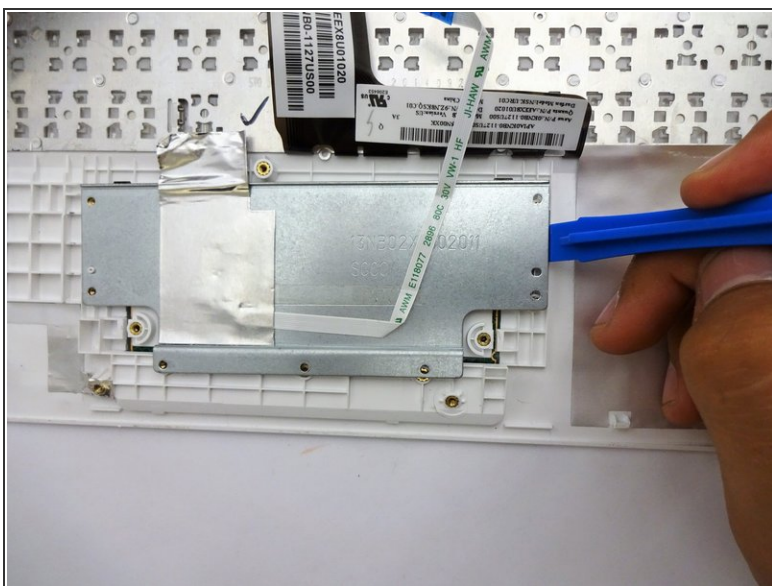
- Remove the following screws:
 - Eight 3 mm screws using Phillips screwdriver.
- ⓘ Be sure to remove the screw underneath the keyboard connector.

Step 10



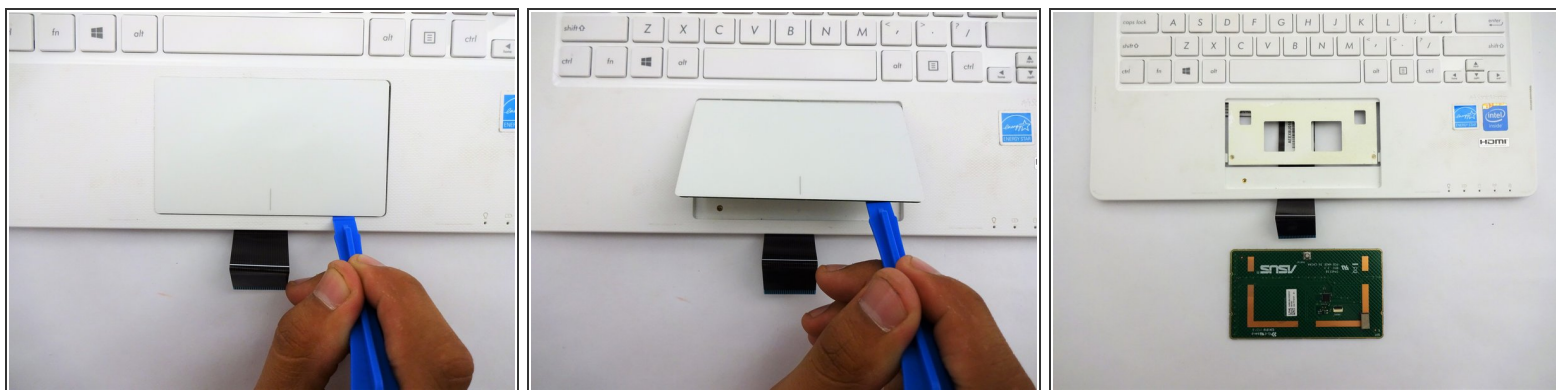
- Remove the following screws:
 - Two 2 mm screws using a Phillips #00 screwdriver.

Step 11



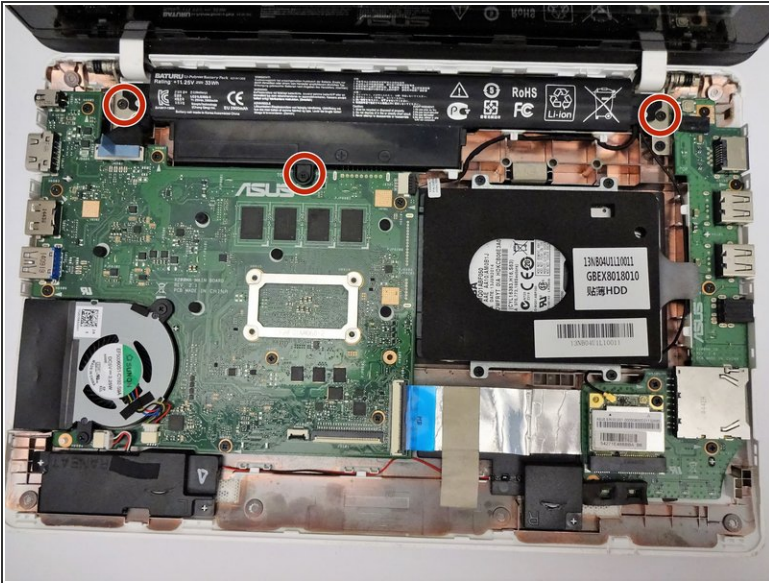
- Using a plastic spudger, remove the metal plate.

Step 12



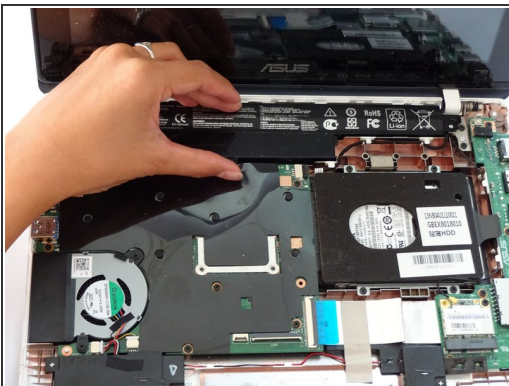
- Flip the keyboard over.
 - Using a plastic spudger, pry the track pad off the plastic piece underneath.
- i** Don't be afraid to use some force in this step because the track pad and the plastic piece are glued together.

Step 13 — Battery



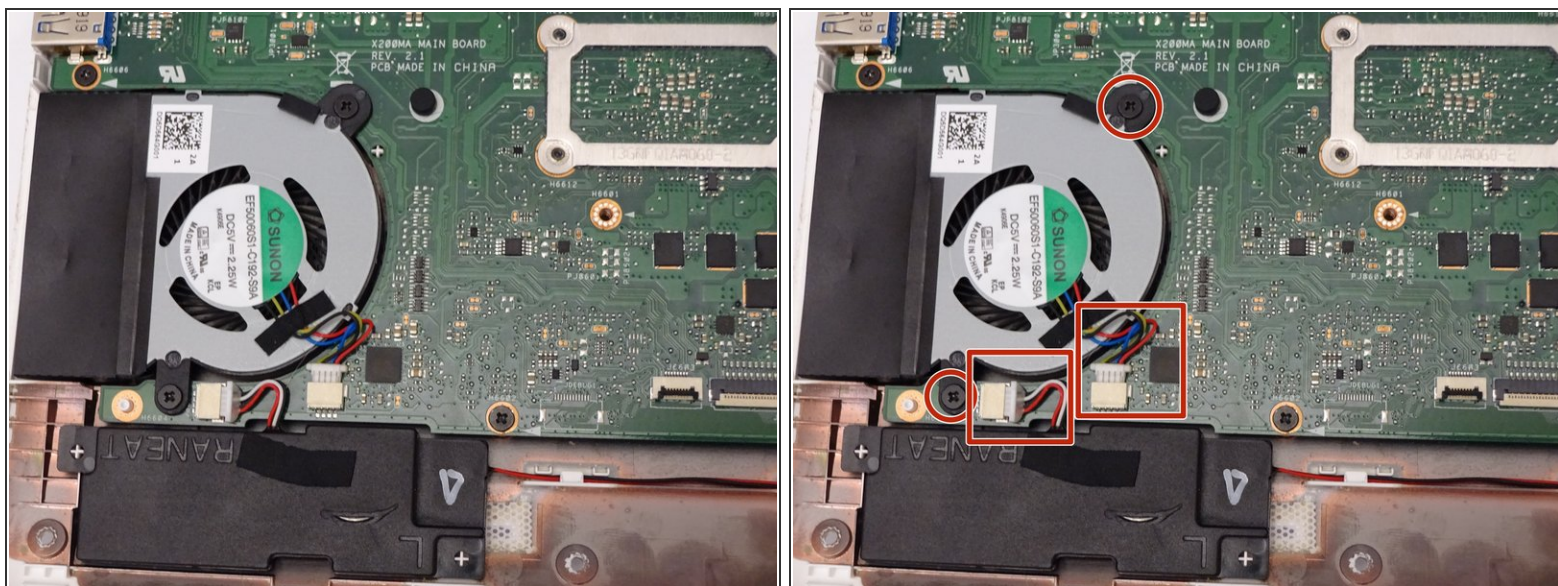
- Flip the computer over so that the side with the motherboard (large green piece) is laying face-up.
- Remove the following screws from the middle and far ends of the battery:
 - Three 4mm Phillips screws using a Phillips #0 screwdriver.
- ❗ The battery will be located closest to the screen.

Step 14



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

Step 15 — Fan



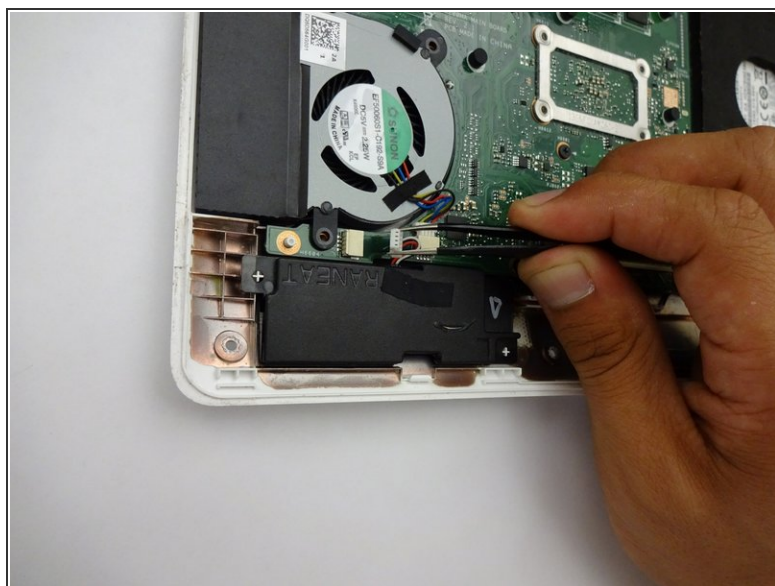
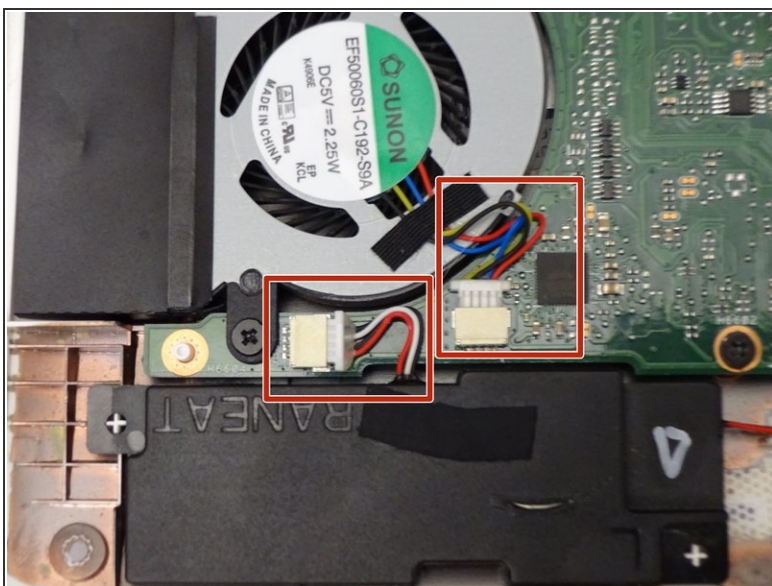
- Locate the fan, two screws and two color coded wires in the bottom left corner of the computer.

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.

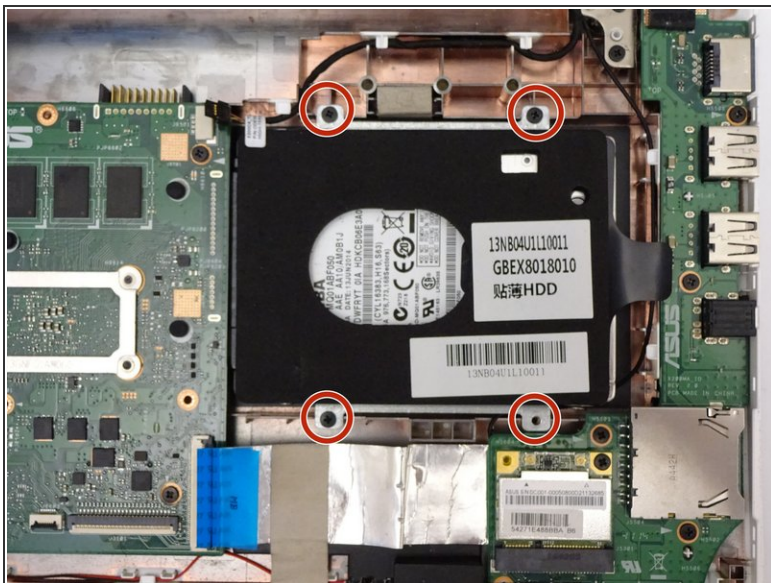
Step 18



- After removing both the screws and color coded wires, lift fan out of place.

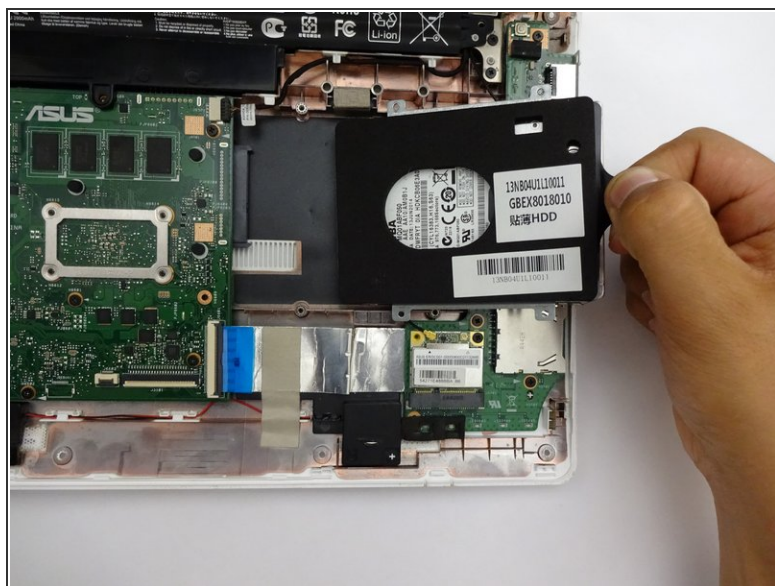
i Tools such as spudgers or tweezers may be used for fan removal.

Step 19 — Hard drive



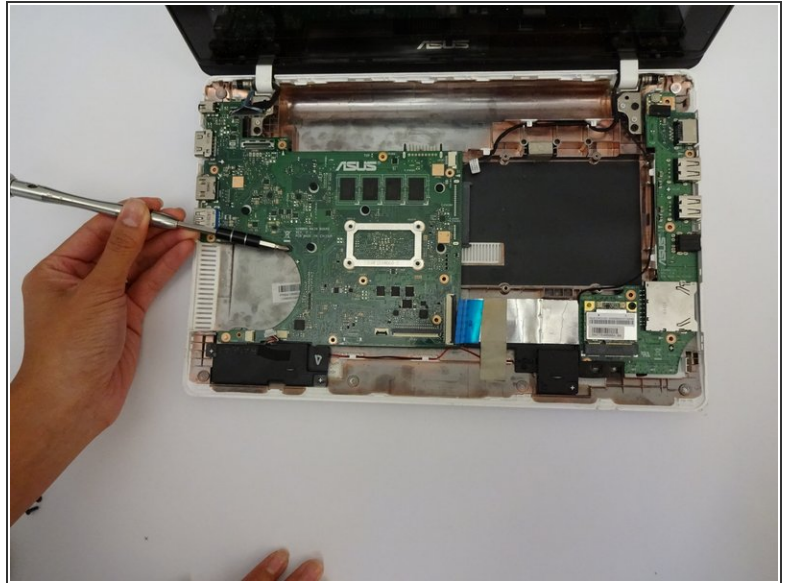
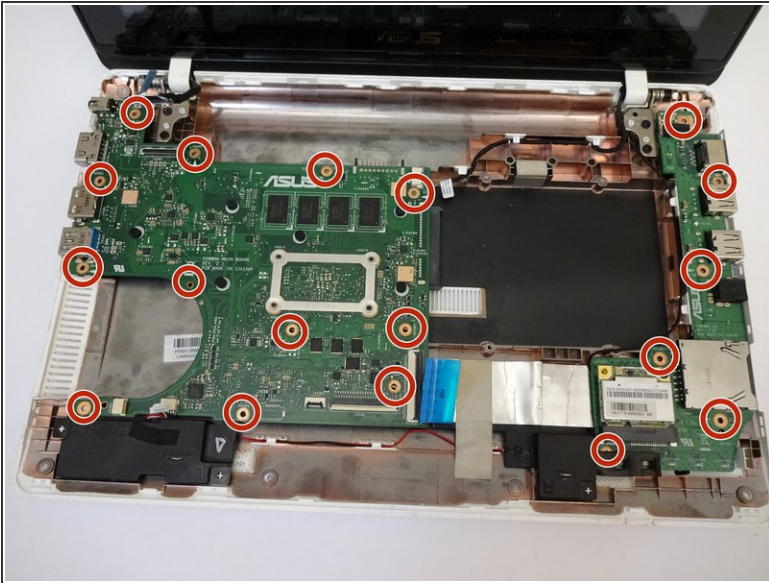
- Remove the following screws:
 - Four 4mm Phillips screws using a Phillips #0 screwdriver.

Step 20



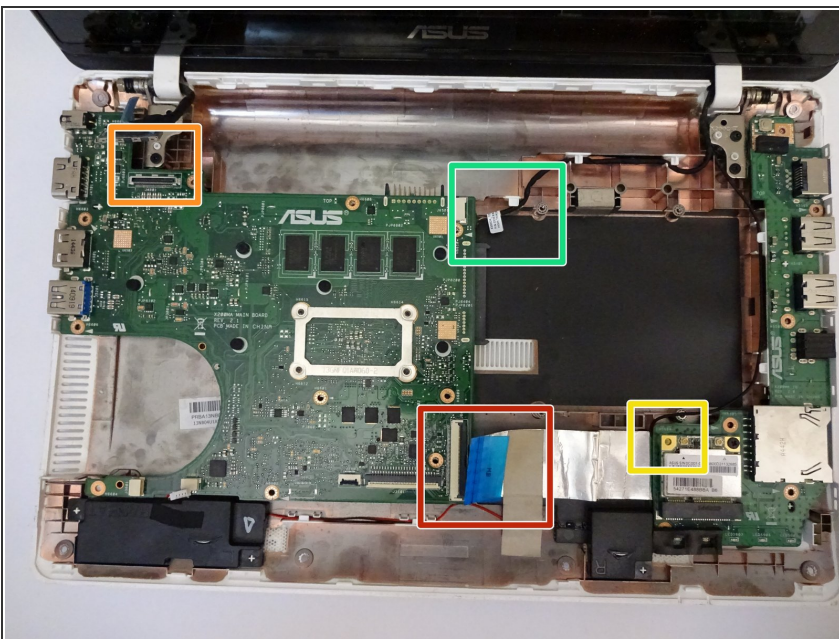
- Remove by sliding hard driving right and away from the computer using the tag on the right side.

Step 21 — Motherboard



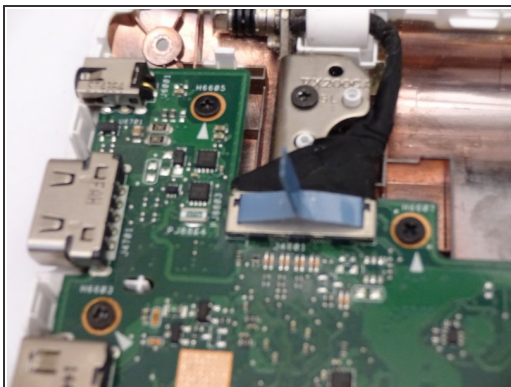
- Locate and remove the following screws on the motherboard:
 - Eighteen 4mm Phillips screws using a Phillips #0 screw driver.

Step 22




- Locate all 4 connectors.
- ⓘ 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.

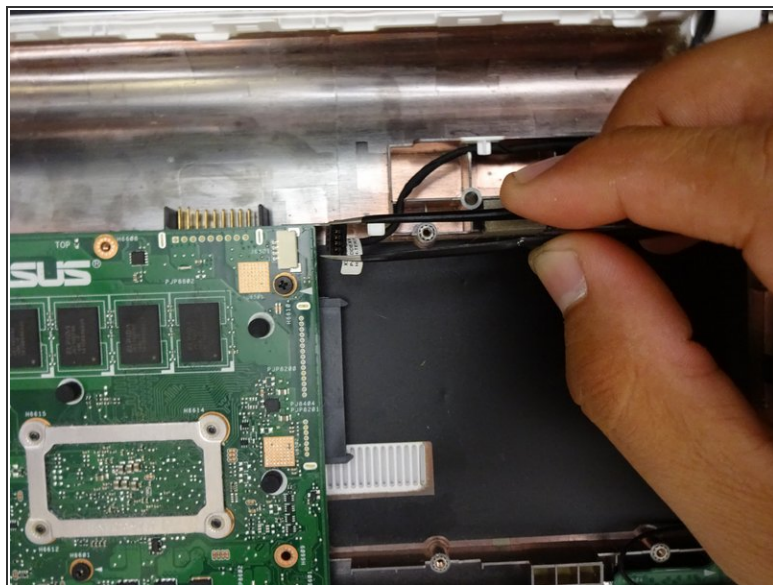
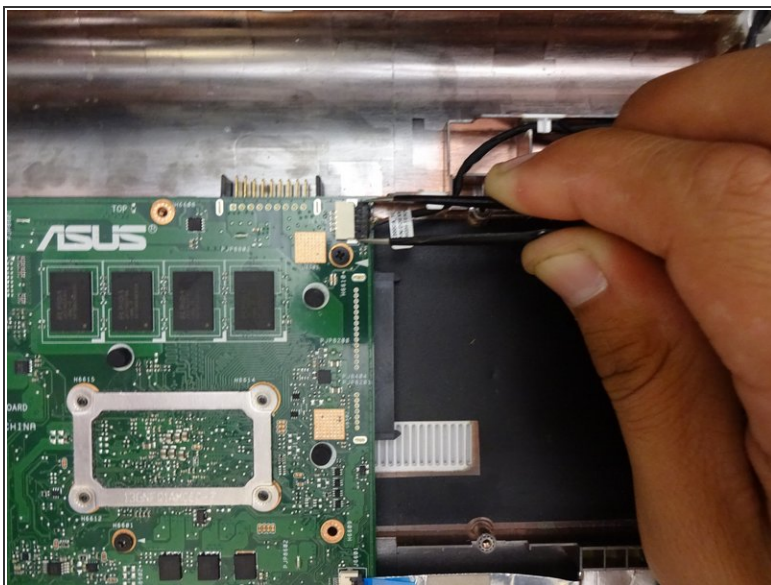
Step 23



- Use the blue ribbon to vertically pull the connector away from the mother board.

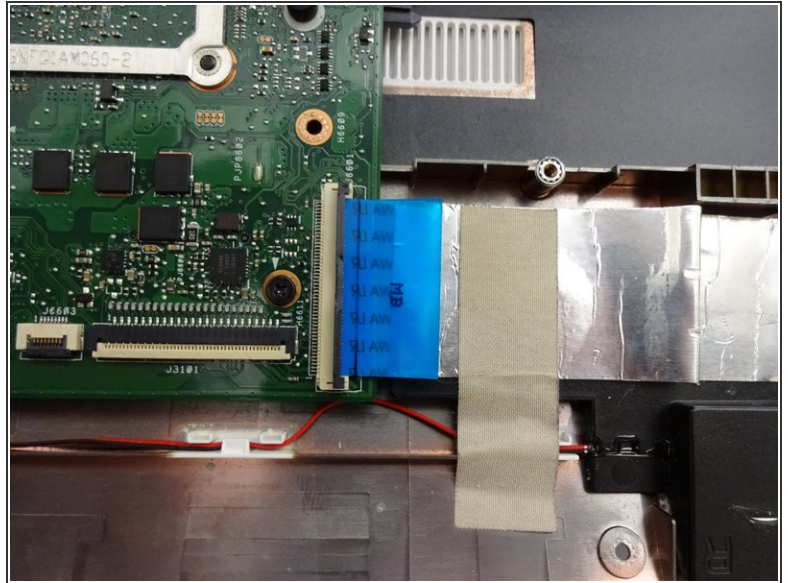
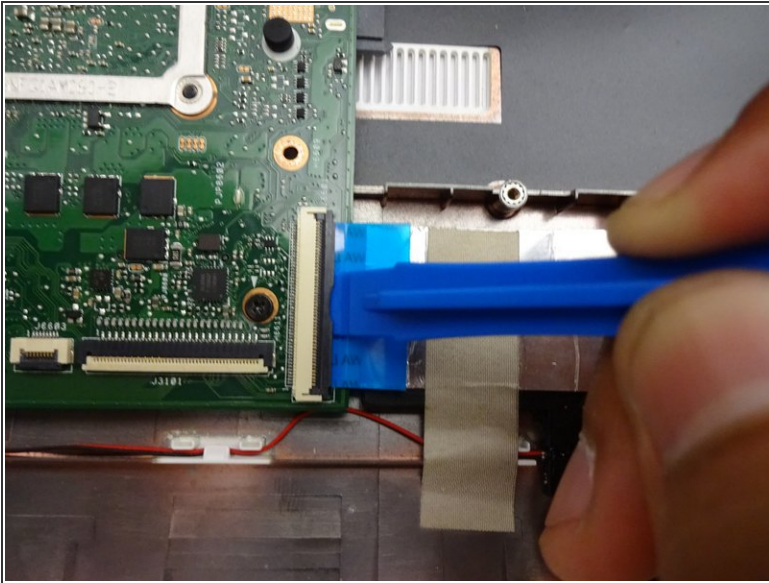
 A firm amount of force will be required.

Step 24



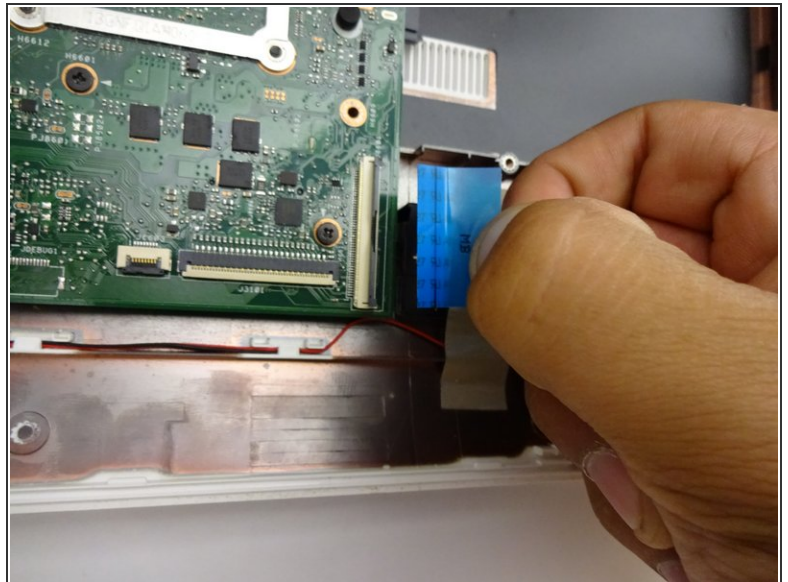
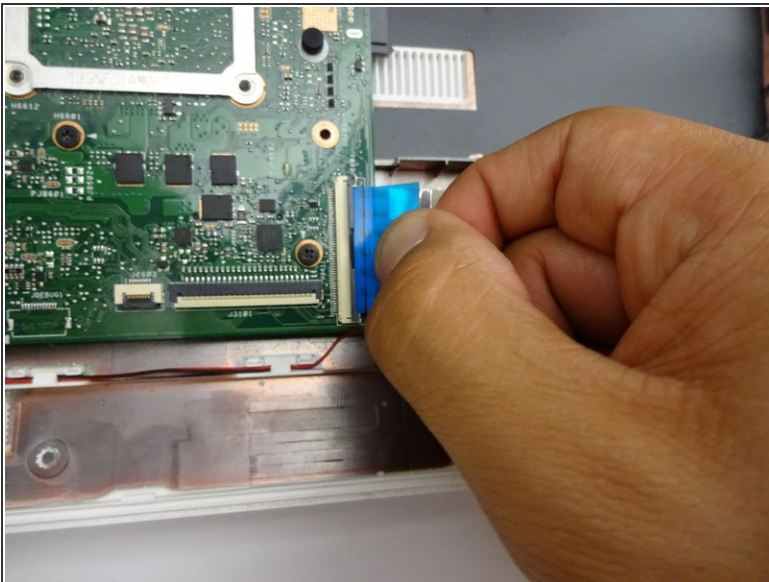
- Pull the connector horizontally away from the socket.

Step 25



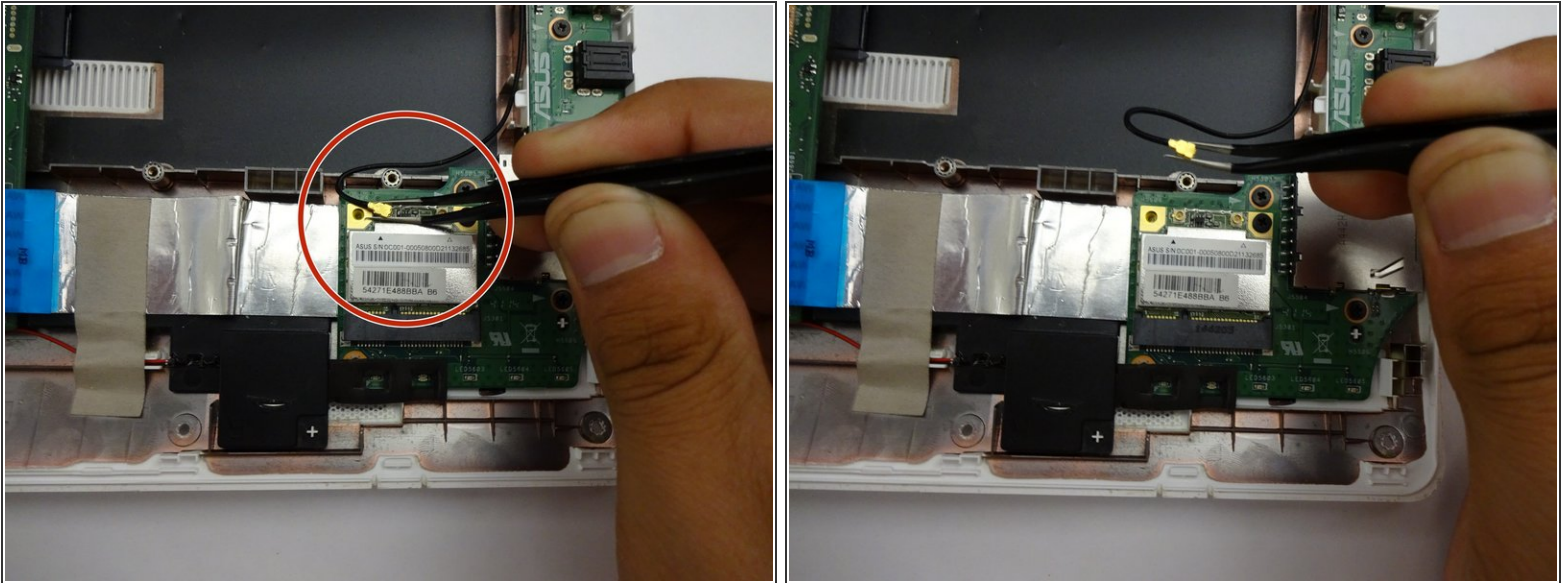
- Lift the latch upwards to release the computer ribbon connector.

Step 26



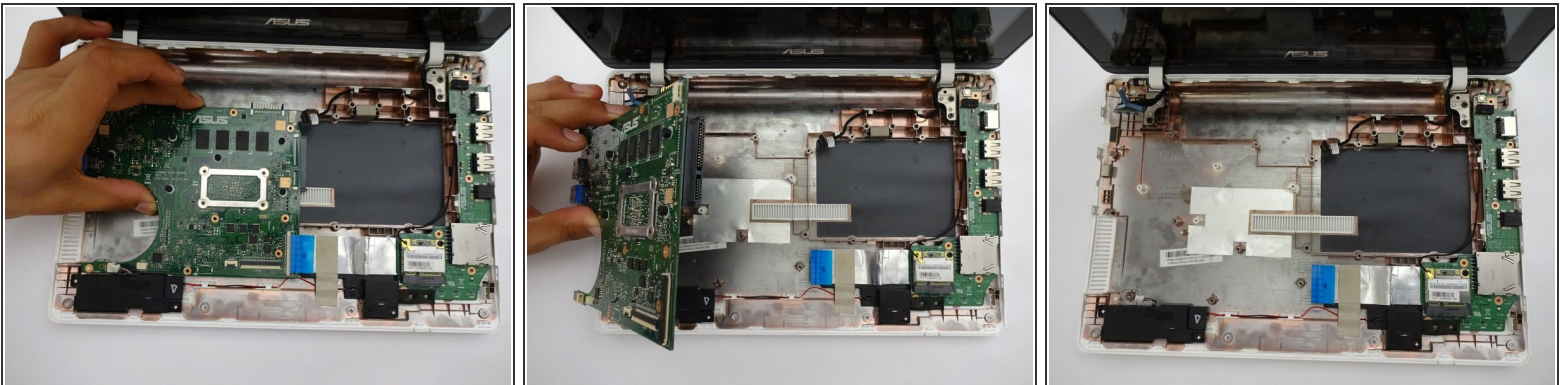
- Horizontally pull the computer ribbon cable away from latch.

Step 27




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

Step 28

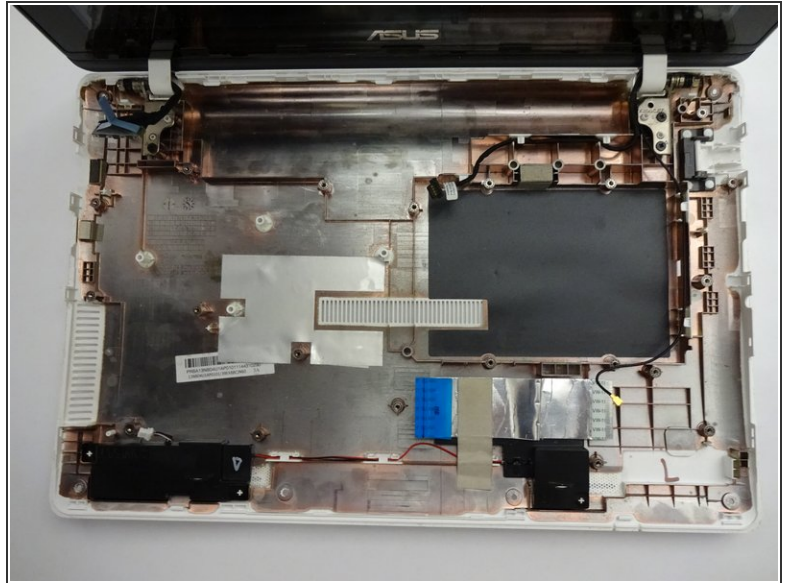
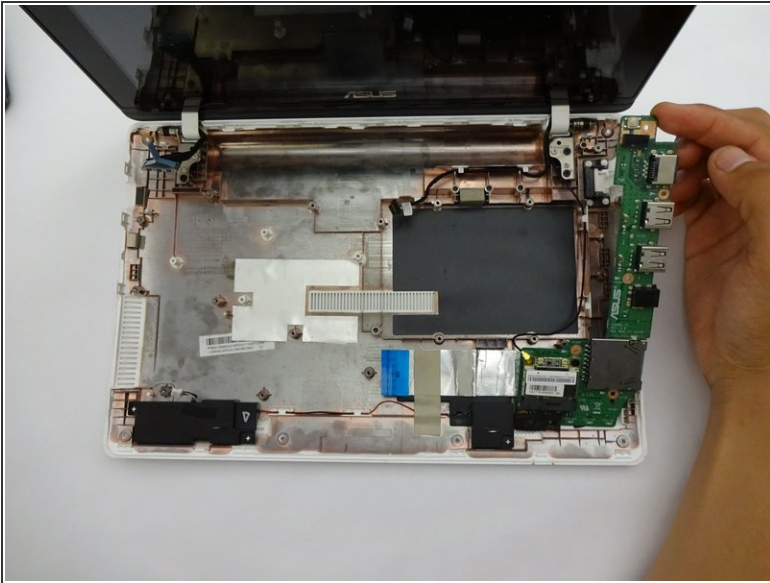


- Once all screws and connectors are removed, gently lift the motherboard from computer.

 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.