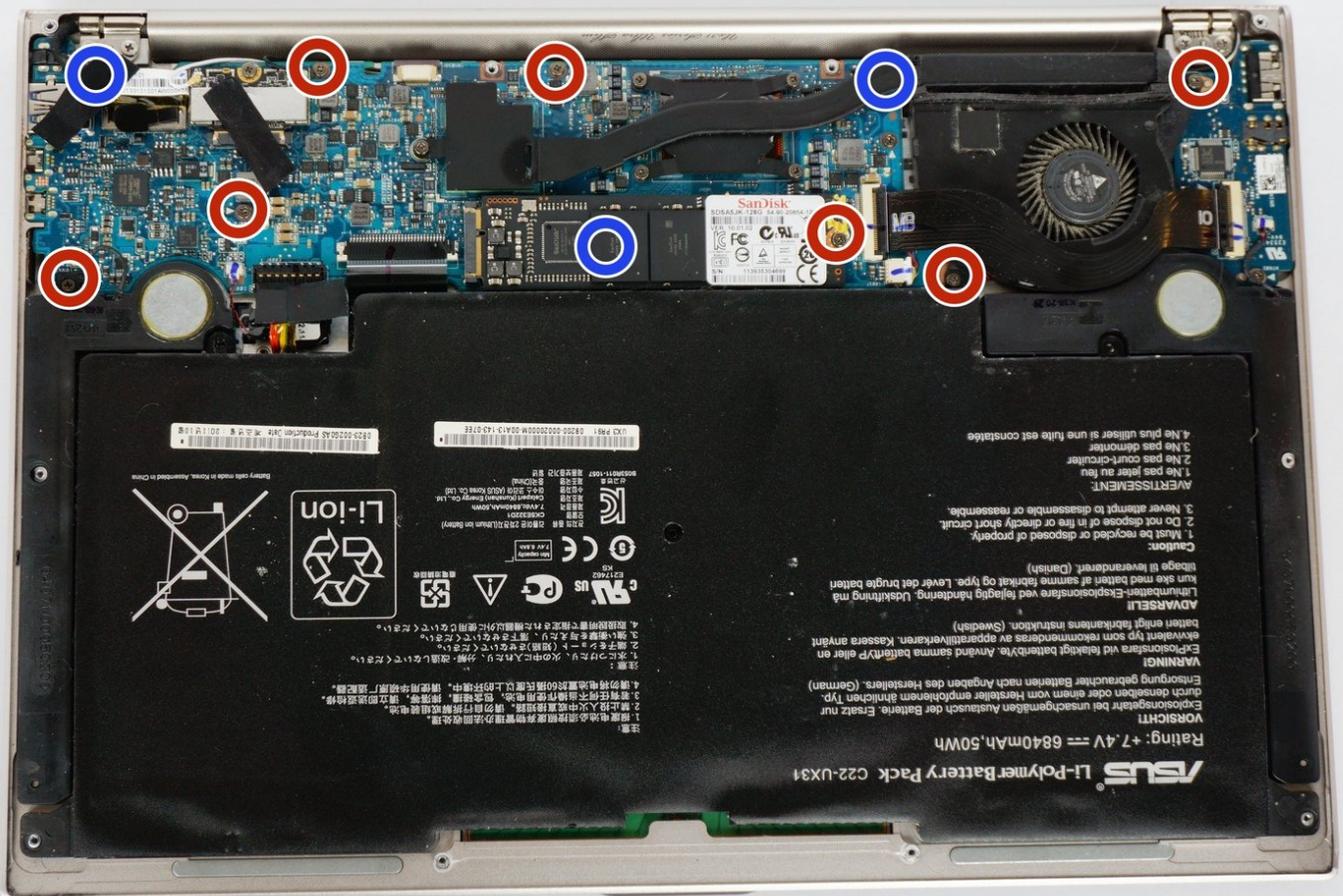




Asus Zenbook UX31E LCD Screen Replacement

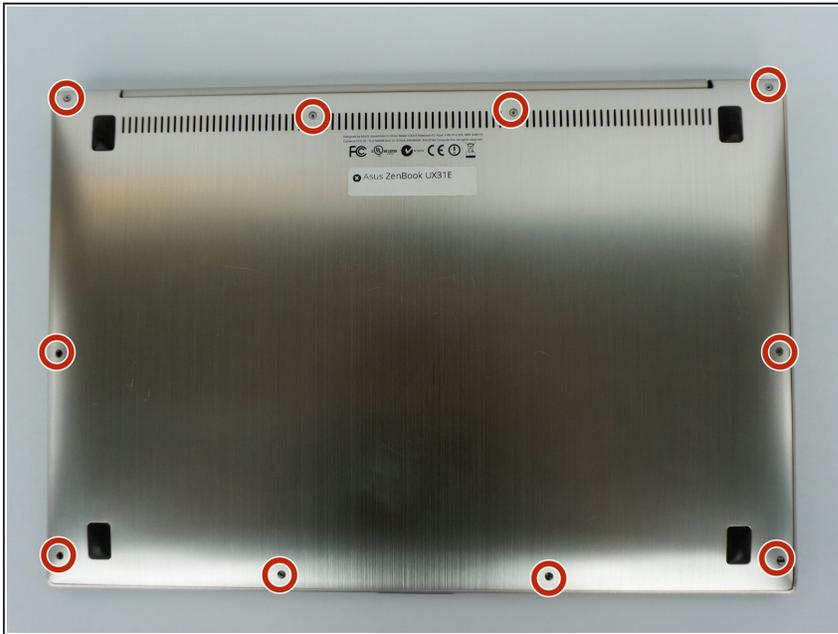
Written By: Charles Jackson



 **TOOLS:**

- [Phillips #00 Screwdriver](#) (1)
 - [Anti-Static Wrist Strap](#) (1)
 - [iFixit Opening Tool](#) (1)
 - [T4 Torx Screwdriver](#) (1)
-

Step 1 — Back Cover



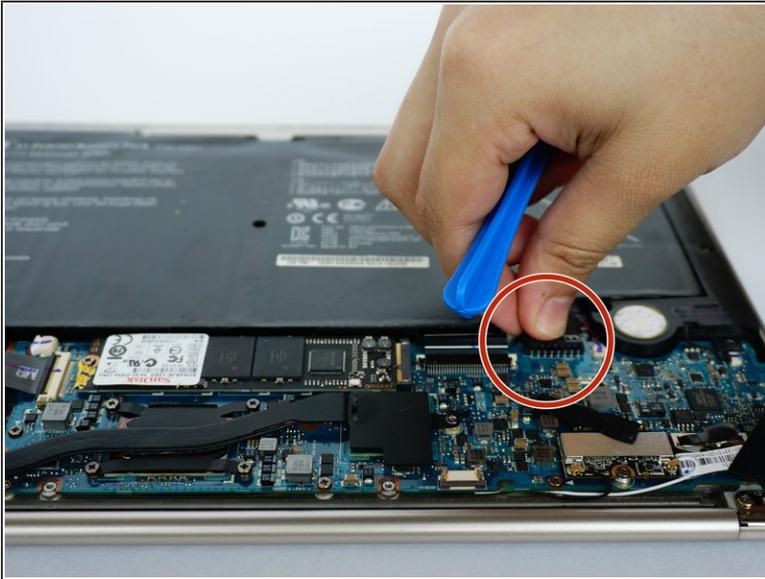
- Using a T4 Torx screwdriver, remove the ten screws at the marked locations.
- ⓘ Place the screws into a container as to not lose them.

Step 2



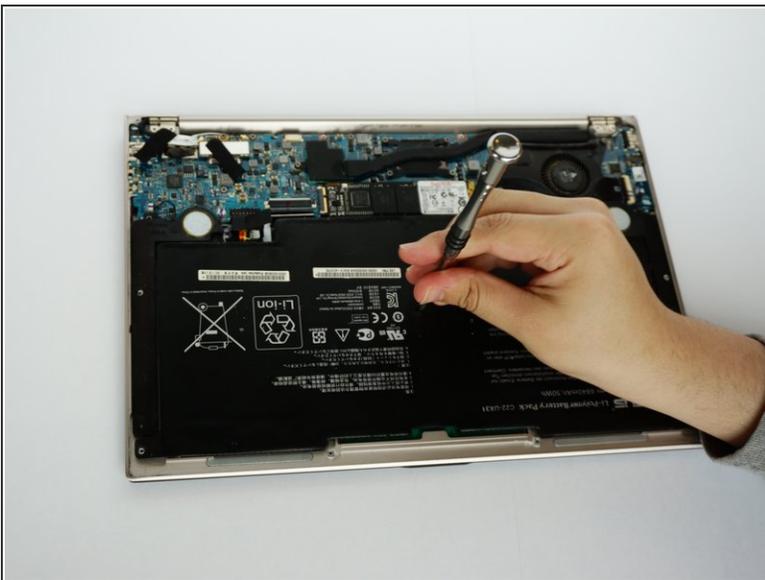
- Carefully slide your iFixit Opening Tool between the back panel.
- Lift the back plate of your ASUS ZenBook UX31E, and place it to the side.

Step 3 — Battery



- Disconnect the battery from the motherboard by gently pulling up and down on the connector.

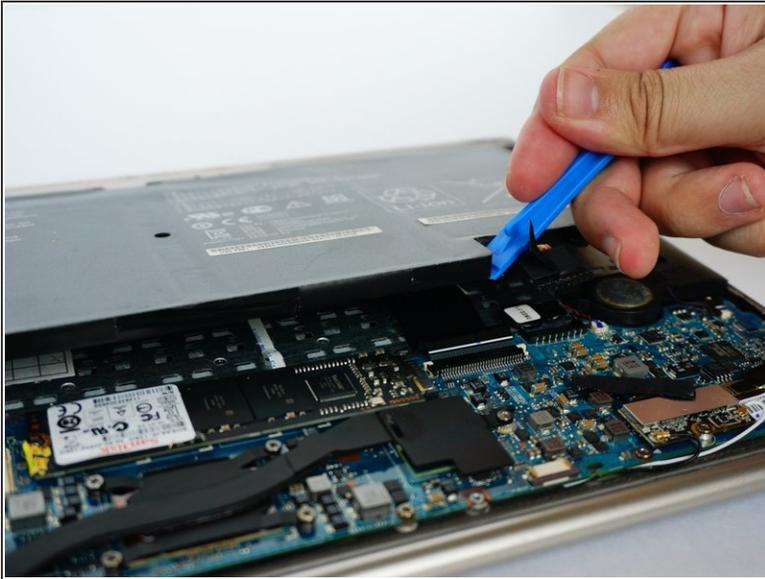
Step 4



- Using the Phillips #00 screwdriver, remove the screws from the middle and the two corners of the battery.

- ⓘ Place the screws into a container as to not lose them.

Step 5



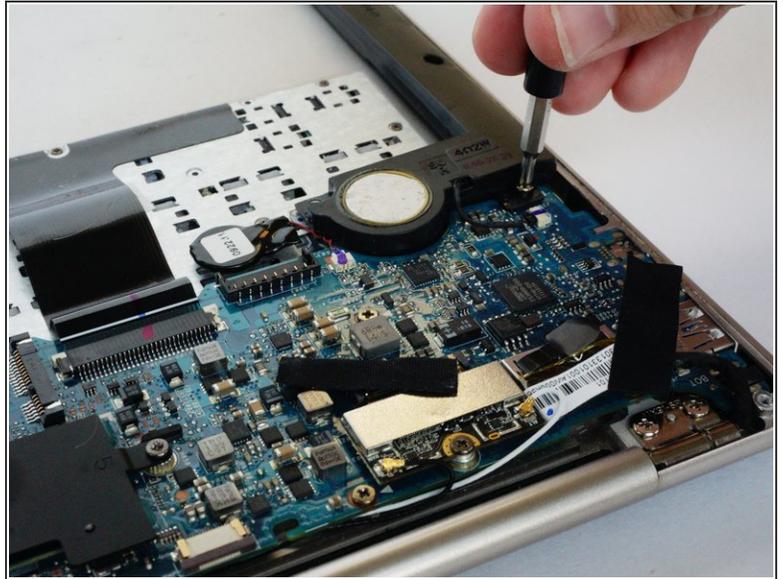
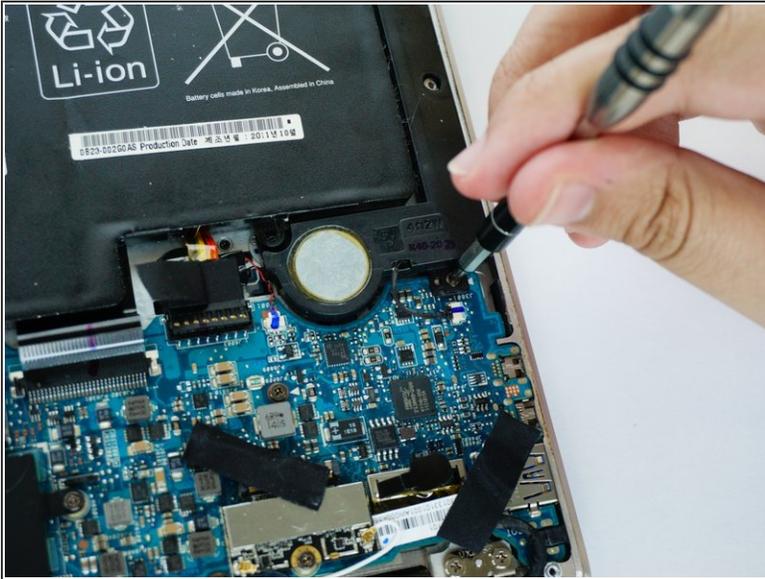
- Remove the battery. (Picture-1)
- Picture of what the battery looks like.(Picture-2)

Step 6 — Speaker



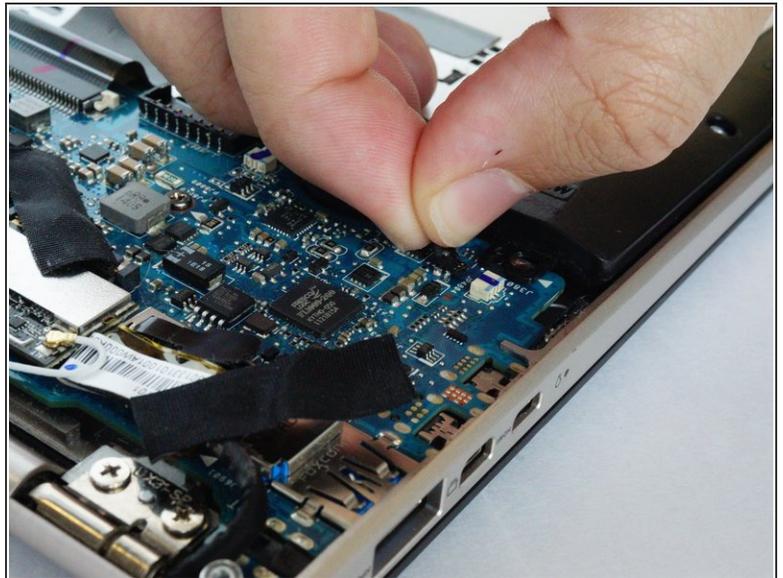
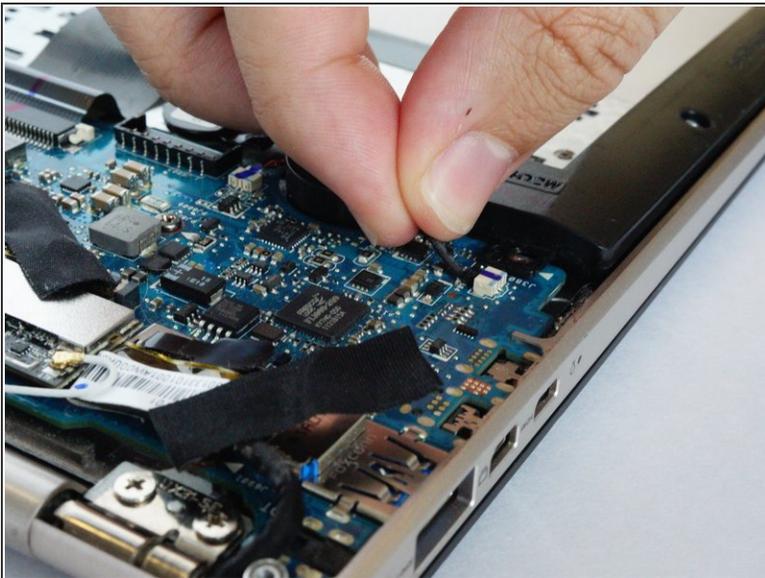
- Use the plastic opening tool to pry open the back cover of the laptop.
- Remove the bottom panel of the laptop.

Step 7



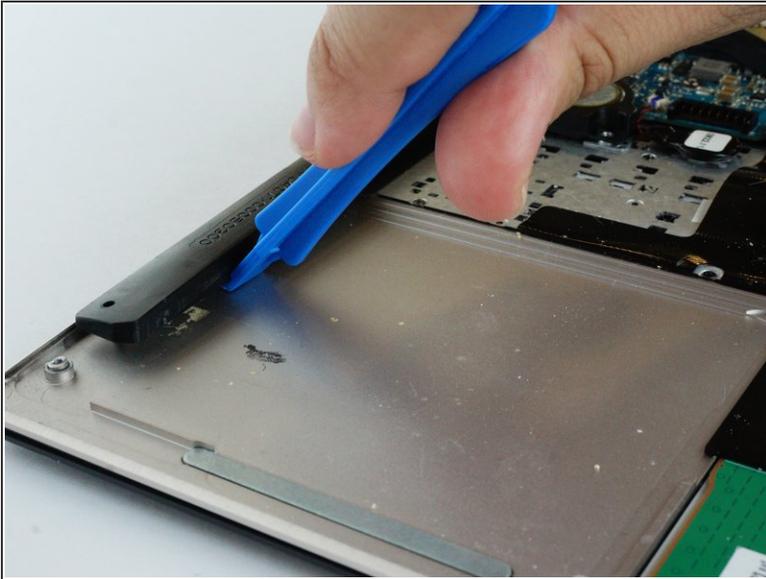
- Remove the screw connecting the speaker component to the motherboard using the screwdriver.

Step 8



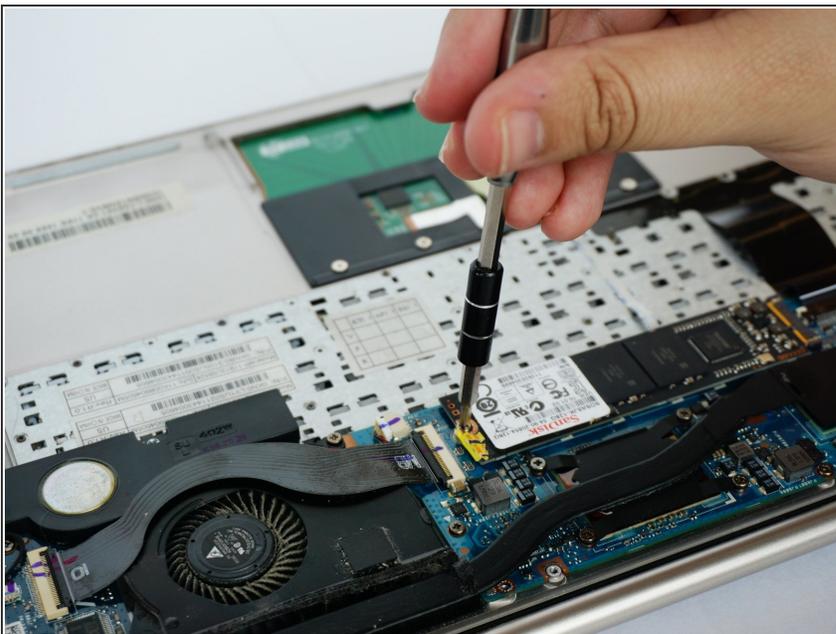
- Disconnect the sound cable from the motherboard.

Step 9



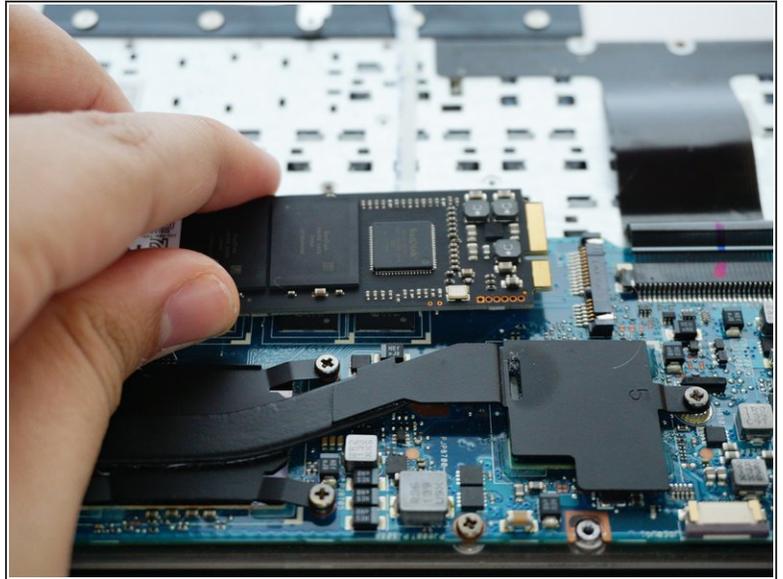
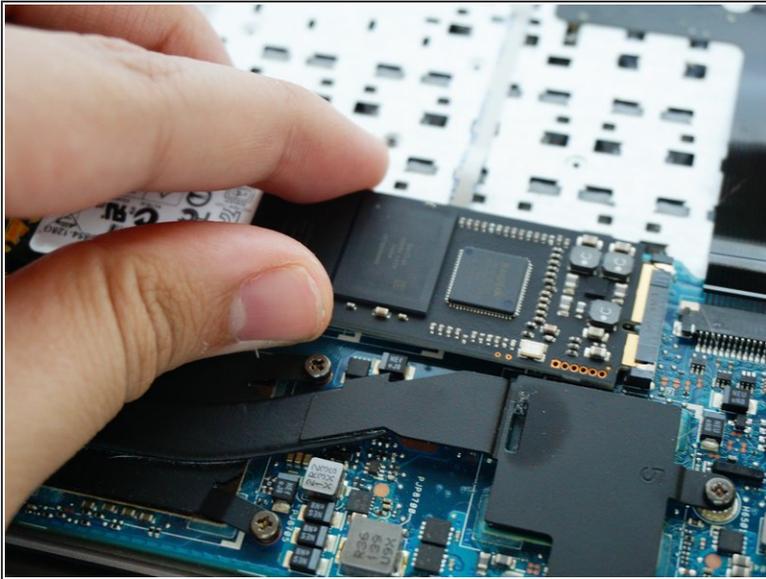
- Using the plastic opening tool, pry open the speaker component from the computer.

Step 10 — SSD



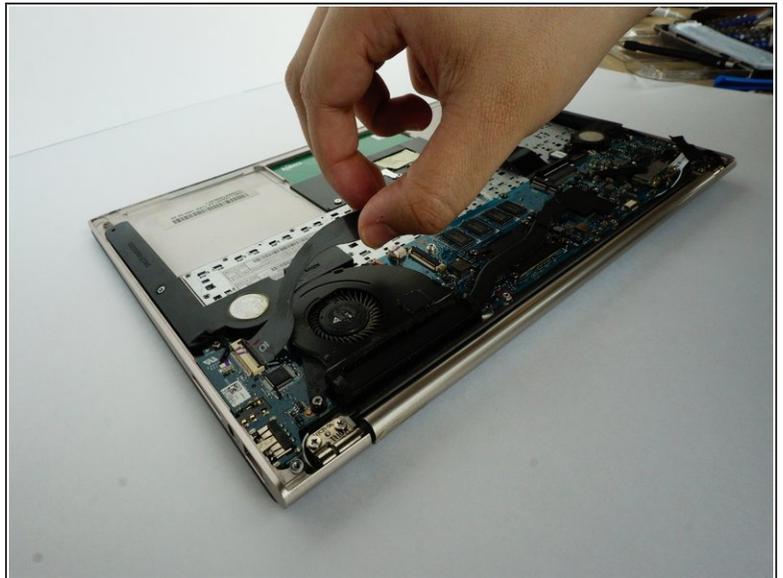
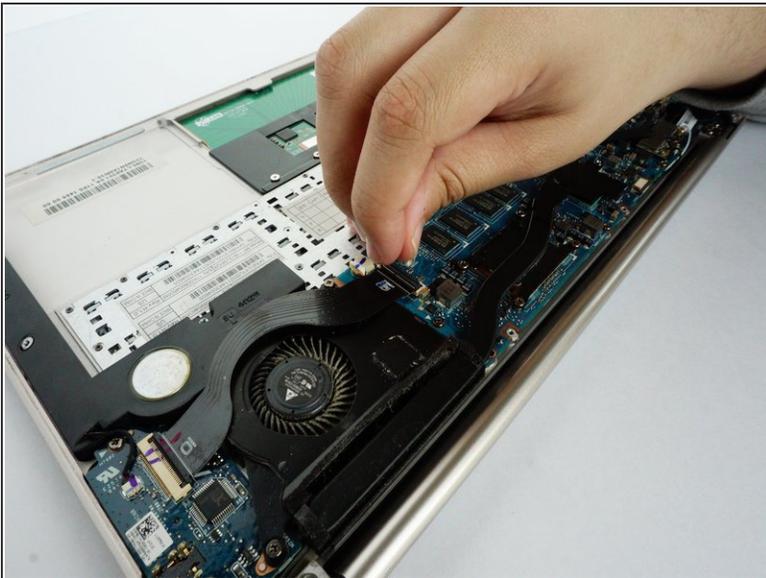
- Attach your Anti-Static Wrist Wrap to something metal as to not shock your system.
- Peel back the warranty sticker to reveal the screw under it.
- Using your Phillips #00 Precision Screwdriver, unscrew the screw that you just revealed.

Step 11



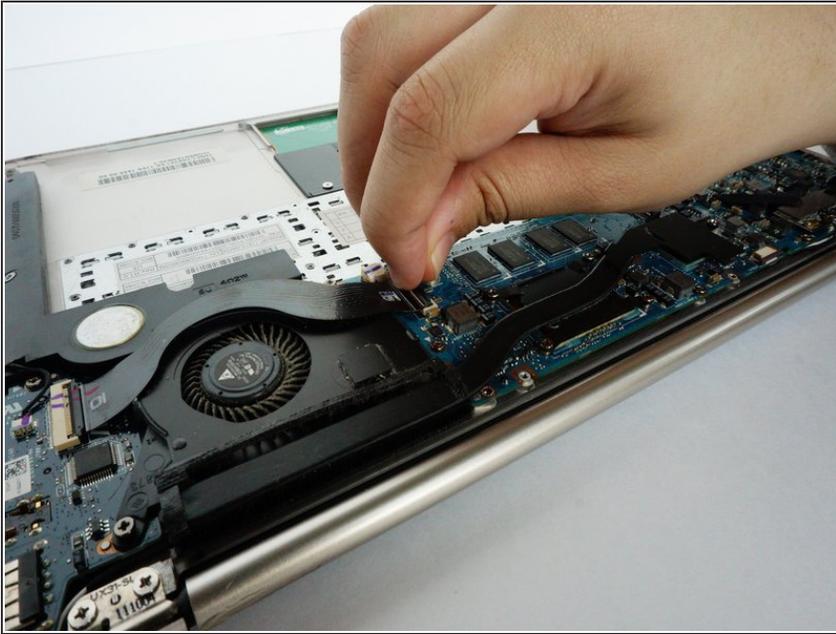
- Using your hand, pull the SSD out from its slot.

Step 12 — Fan



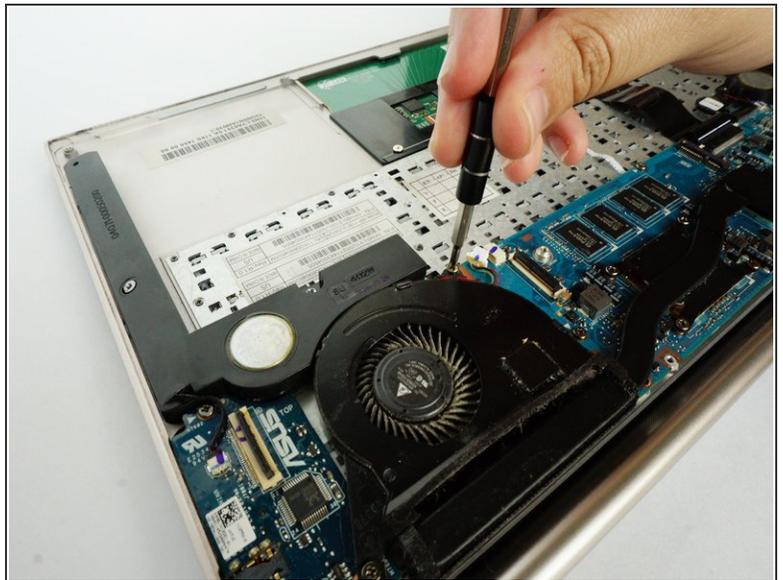
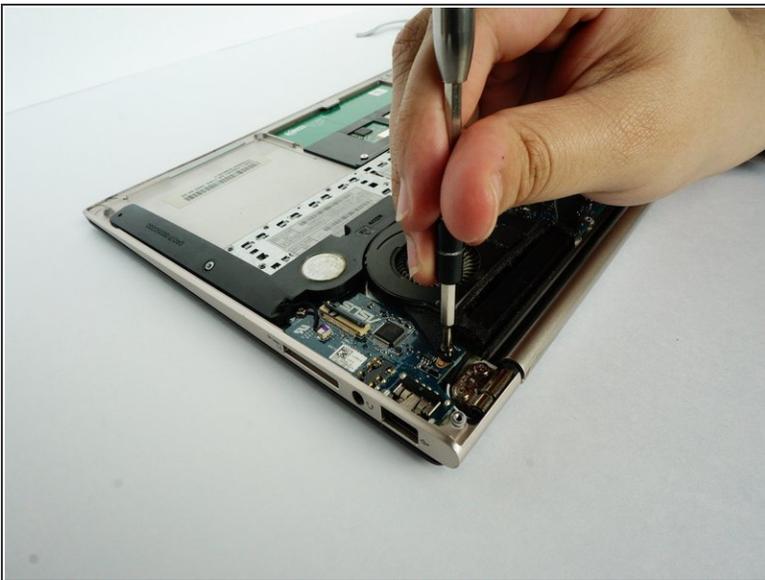
- Disconnect the ribbon between the IO and the motherboard on both sides.

Step 13



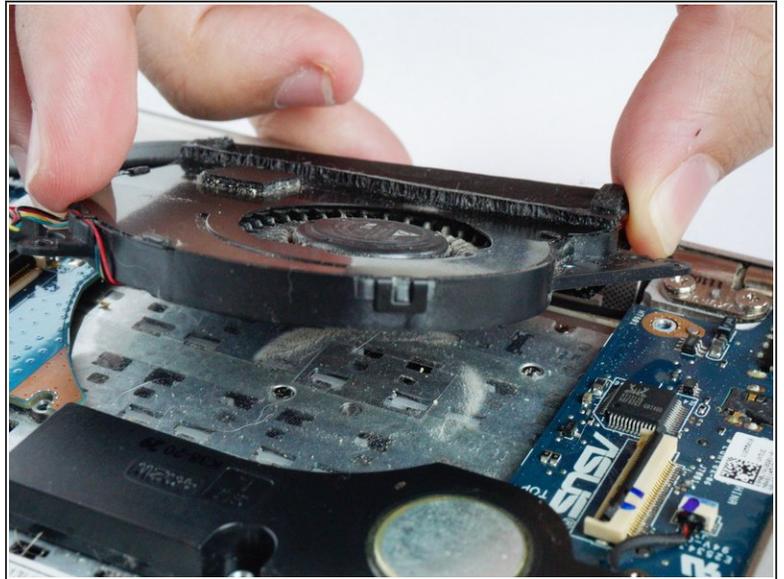
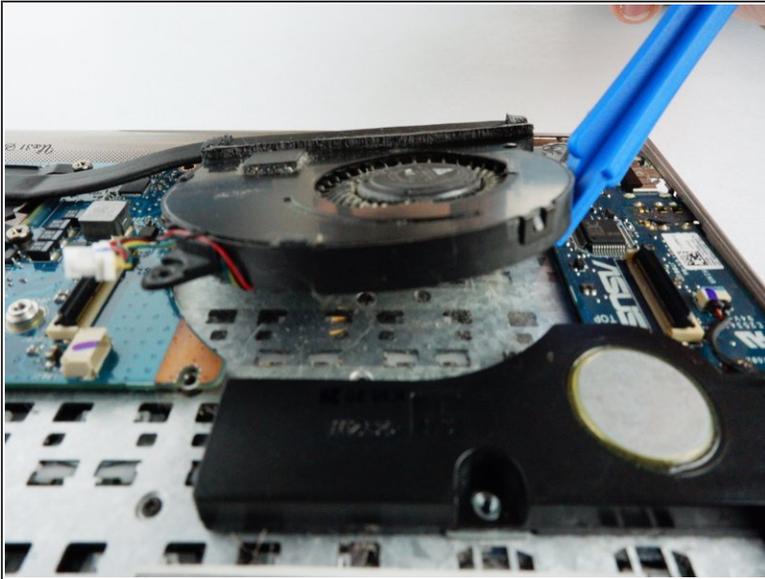
- Disconnect the fan connector from the motherboard.
- Pull up the clips on the ribbon connectors.

Step 14



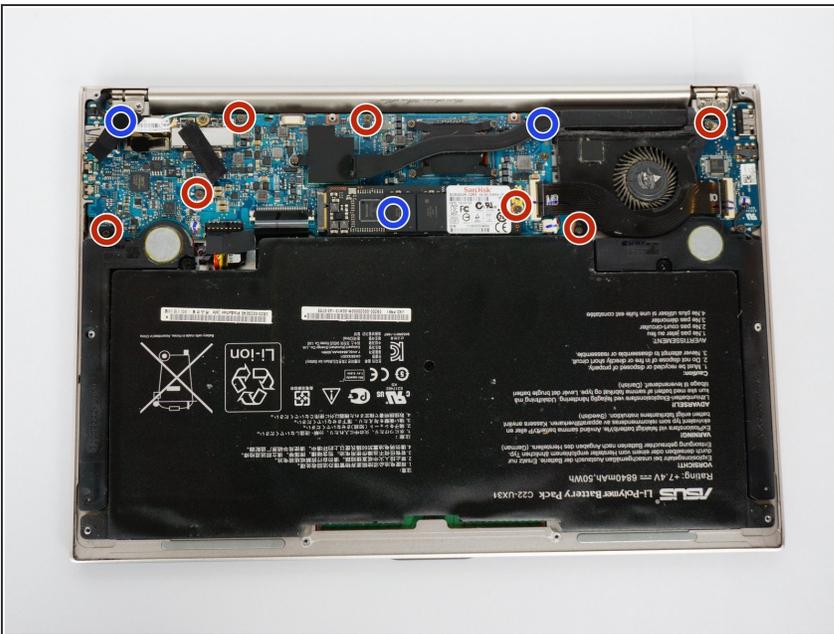
- Unscrew the two screws that are across each other.

Step 15



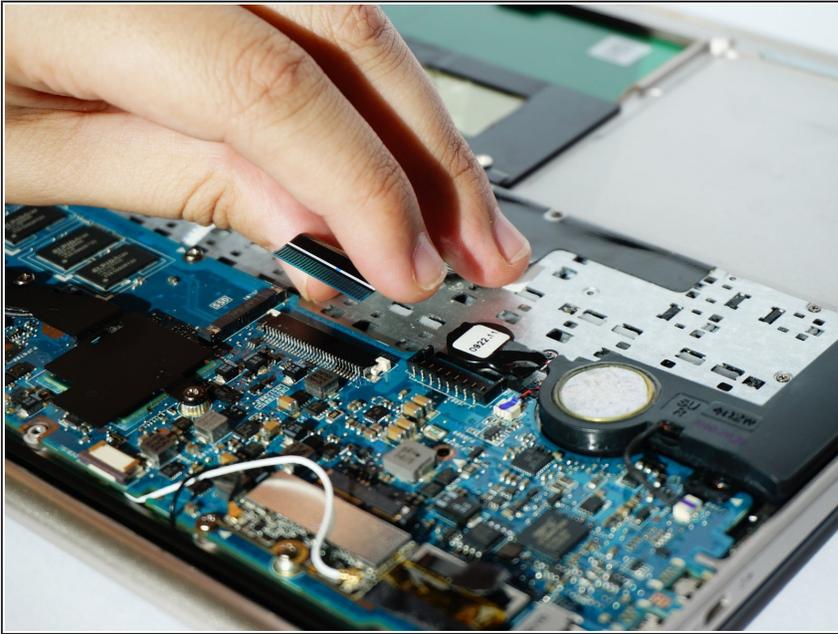
- Using a plastic opening tool, lift the fan off of the laptop.
- You can now use your hands and carefully pull the fan off the laptop.

Step 16 — LCD Screen



- ⓘ Although replacement guides are listed as prerequisites, they are mainly used for disassembly.
- At the marked locations, unscrew 7 screws with your Phillips 00 Precision Screwdriver.
- At the marked locations (under certain components), unscrew 3 screws with your Phillips 00 Precision Screwdriver.

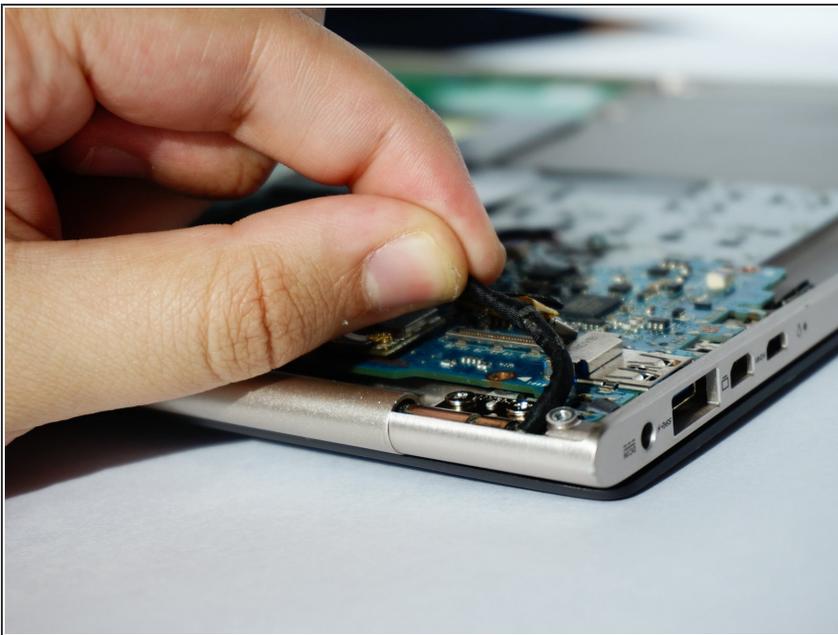
Step 17



- Carefully pull out the ribbon connecting your keyboard and motherboard from the motherboard.

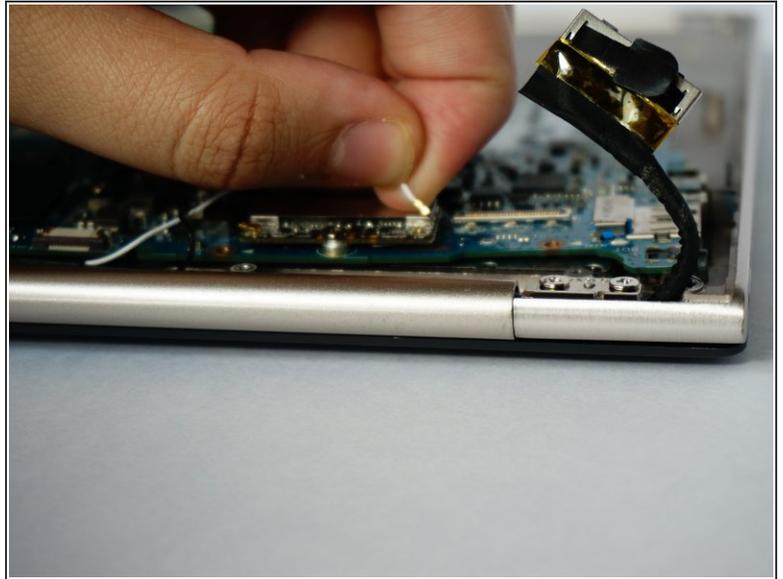
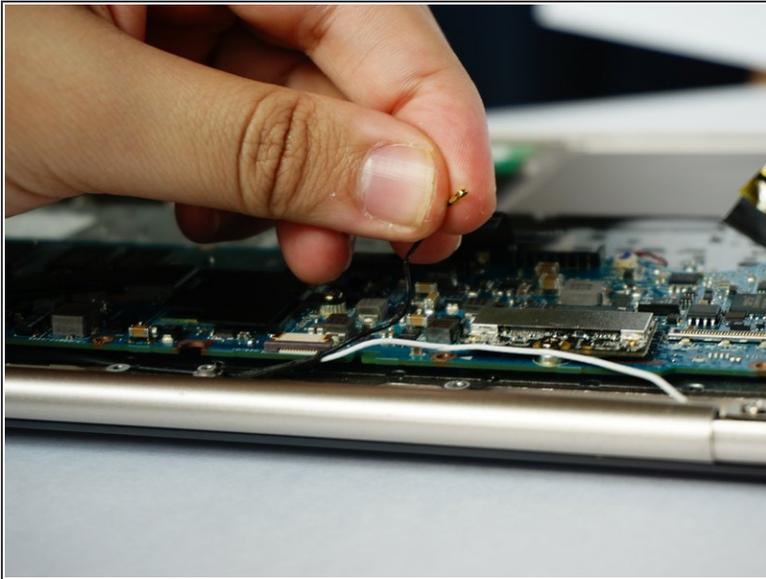
⚠ This is a very delicate component, so do handle it with care.

Step 18



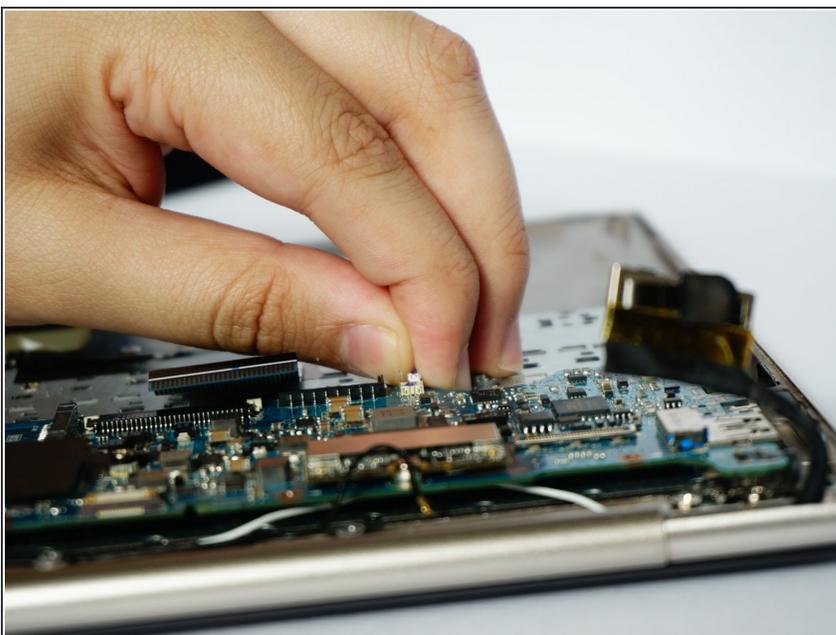
- At the bottom right corner of your laptop, carefully pull the connector from its socket.

Step 19



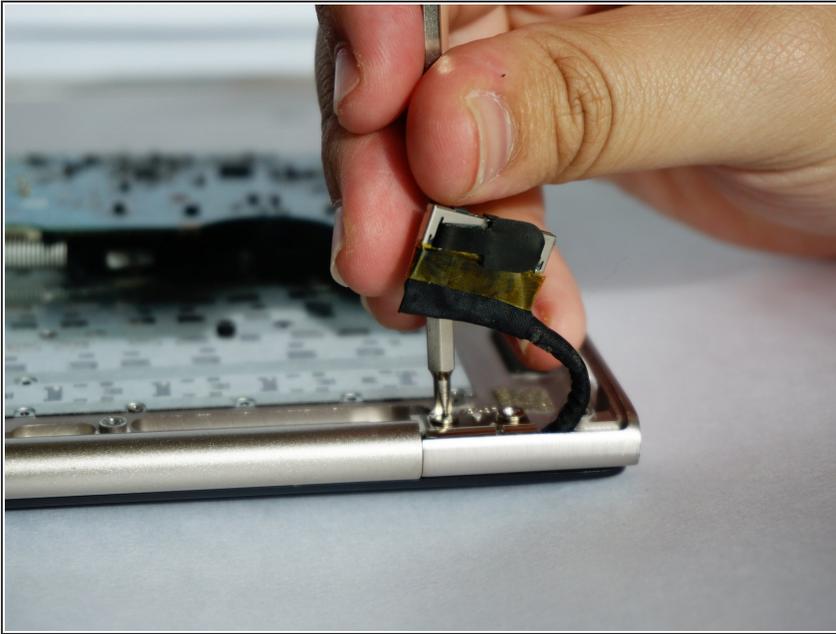
- Carefully pull the black wire with a copper connector out from its socket.
 - Carefully pull the white wire with a copper connector out from its socket.
- i** When reassembling, you will hear a pop when connecting these back.

Step 20



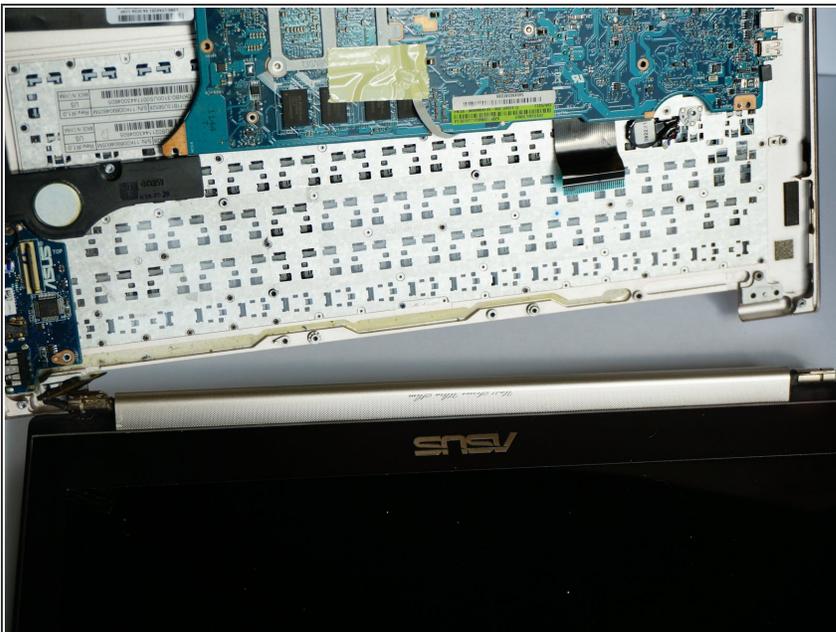
- Carefully unplug this white wire from the motherboard

Step 21



- At the corners between your screen and the rest of your laptop, unscrew 4 screws with your Phillips 00 Precision Screwdrivers.

Step 22



- Slide the display to either the left or right to loosen it.
- Pull the display away from the rest of your laptop.

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