



Lenovo Y50-70 Touch Motherboard Replacement

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INTRODUCTION

In this guide, the reader will go through the necessary instructions needed to replace a non-functioning motherboard in the Lenovo Y50-70 Touch Laptop. This specific repair does not require any previous knowledge about computers and can be completed by a beginner using only a single Phillips #1 screwdriver and a small plastic prying tool.

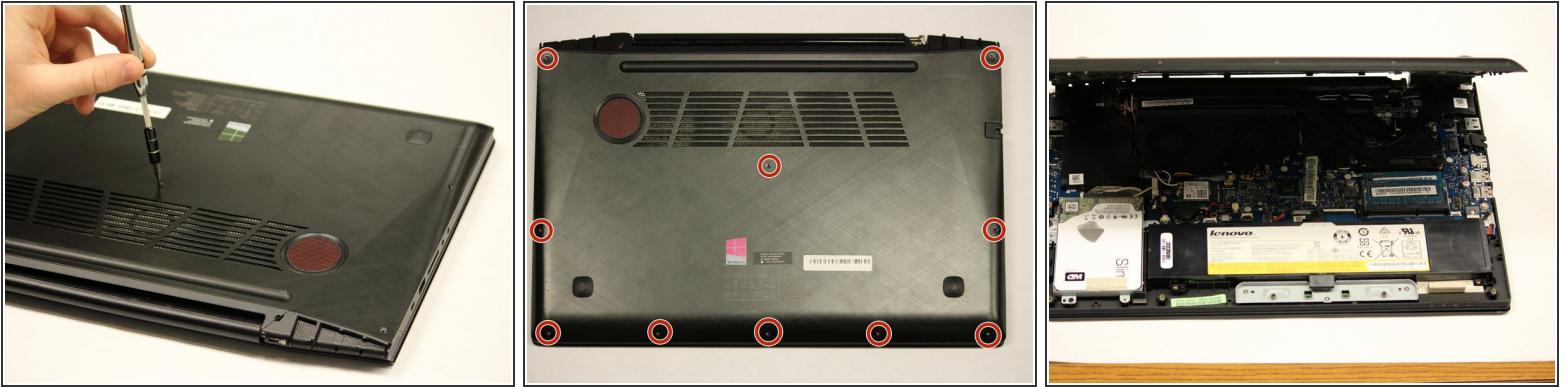
When performing this repair, ensure you are in a static free environment so as not to provide an electrical shock to the computer and possibly further damage the device.



TOOLS:

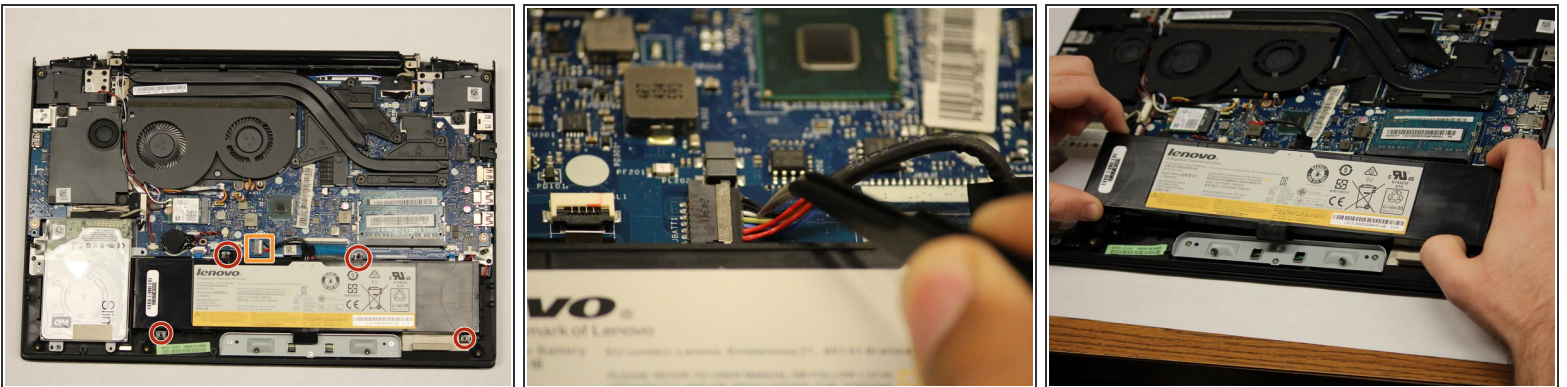
- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tool](#) (1)
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Step 1 — Motherboard



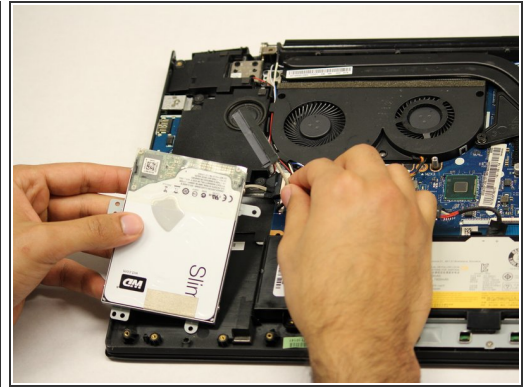
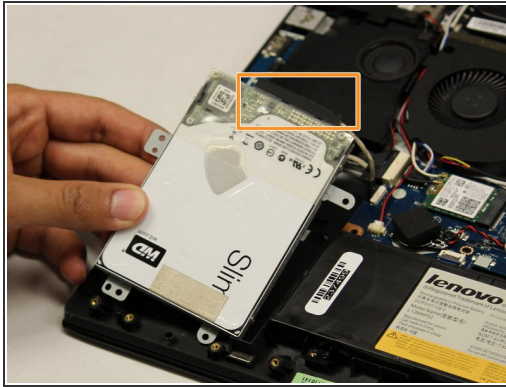
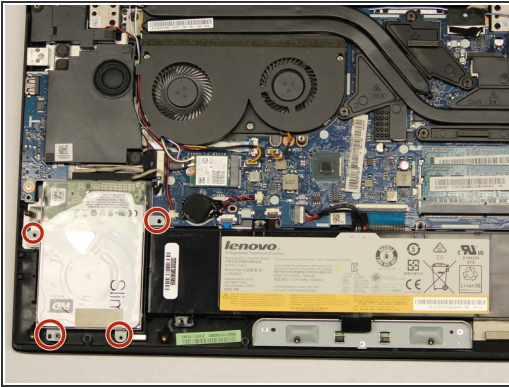
- Use a Phillips #1 screwdriver to unscrew and remove the ten 6 mm screws on the back of the laptop.
- Grab and pull off the back.

Step 2



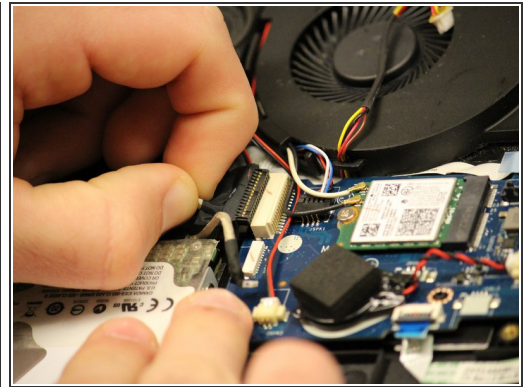
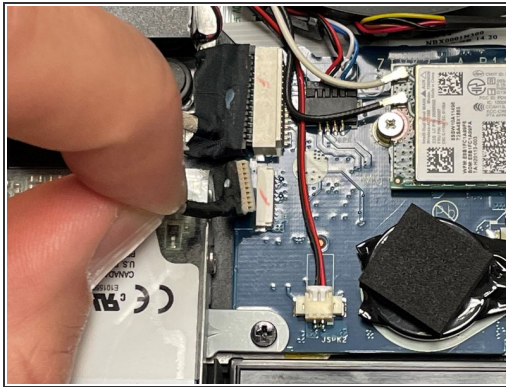
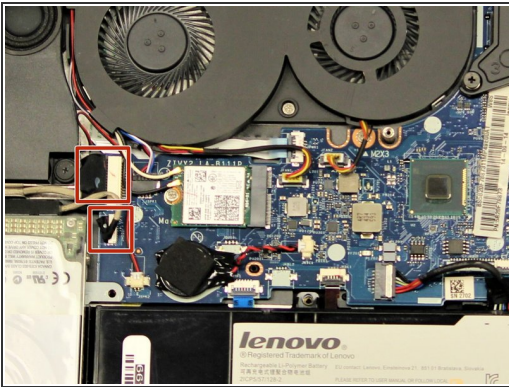
- Use a Phillips #1 screwdriver to unscrew and remove the four 6 mm screws that secure the battery.
- Grab the battery cable and gently pull it free from the cable connector.
- Remove the battery.

Step 3



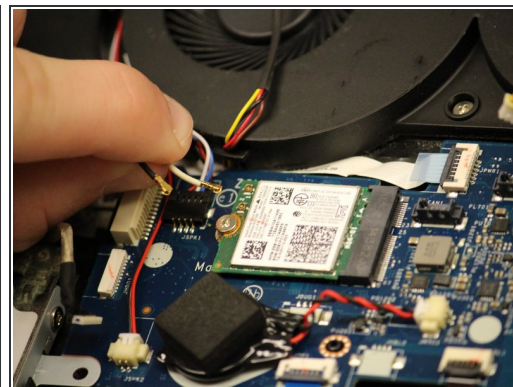
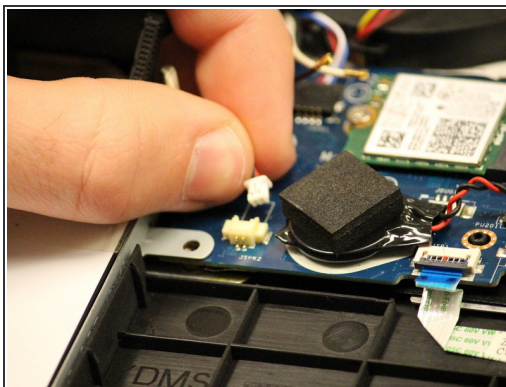
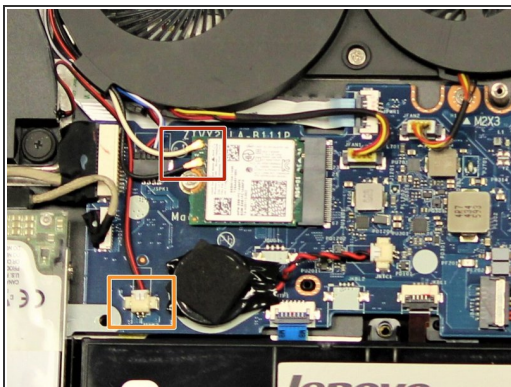
- Use a Phillips #1 screwdriver to unscrew and remove the four 6 mm screws that secure the hard drive.
- Grab the marked cable attached to the hard drive, and gently pull to unplug.
- Remove the hard drive from the laptop.

Step 4



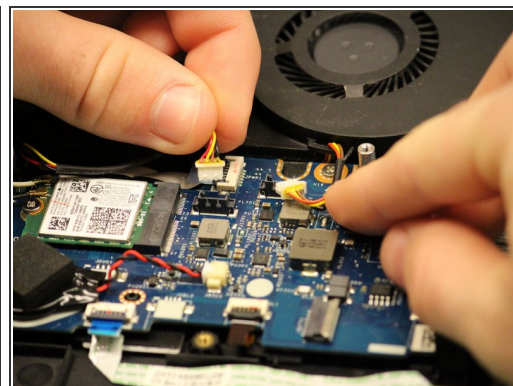
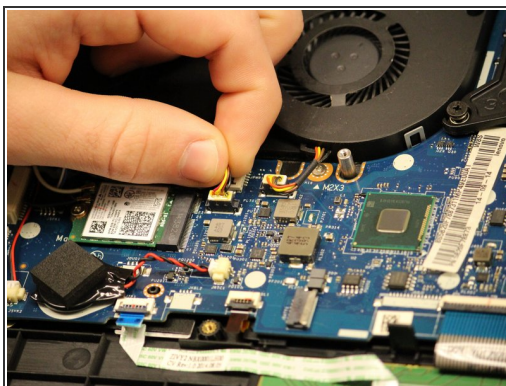
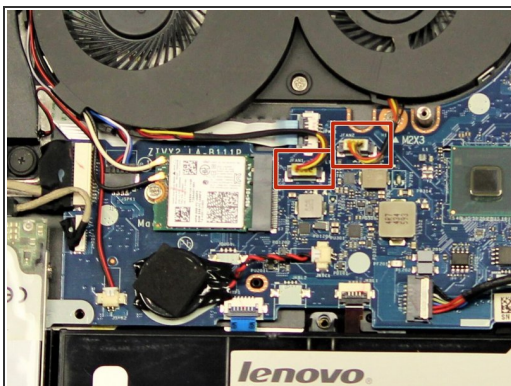
- Grab marked cables and pull them out from their plug-in.

Step 5



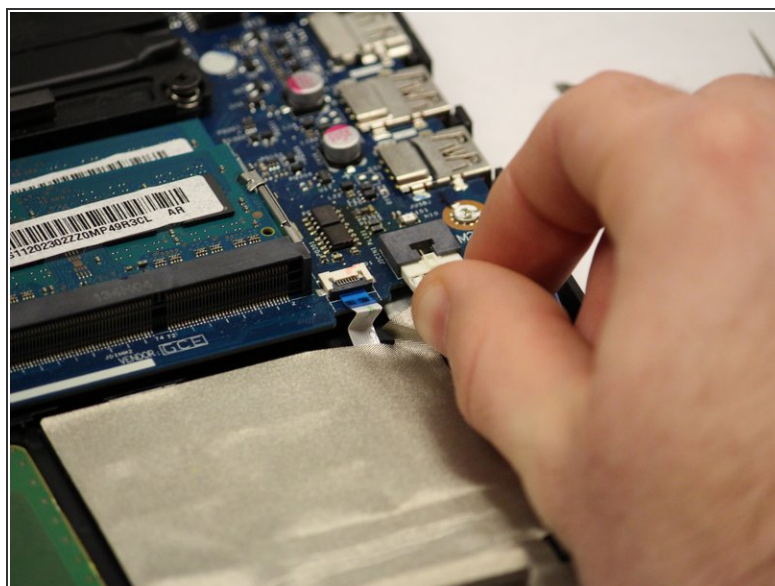
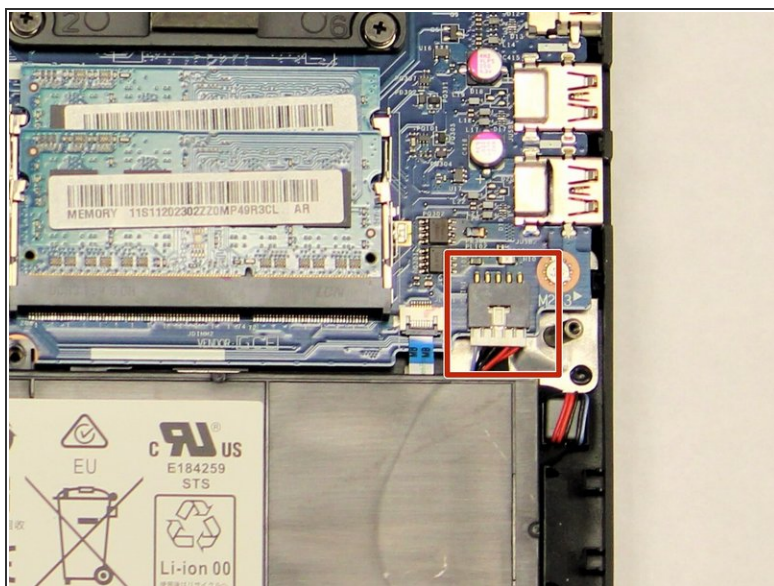
- Grab the top set of marked cables and pull up to remove them.
- Grab the lower marked cable and pull it out from their plug.

Step 6



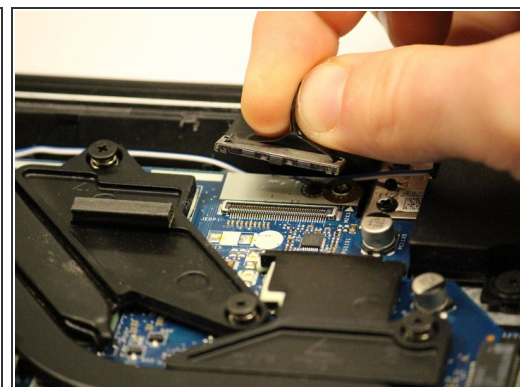
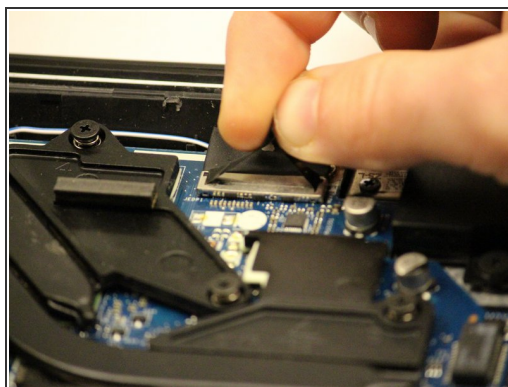
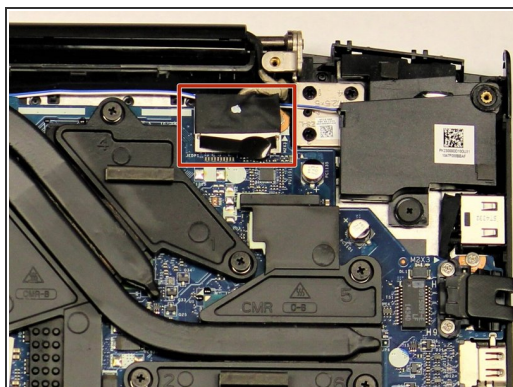
- Grab marked cables and pull up to unplug.

Step 7



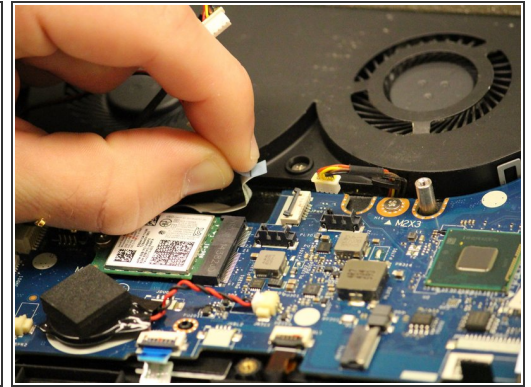
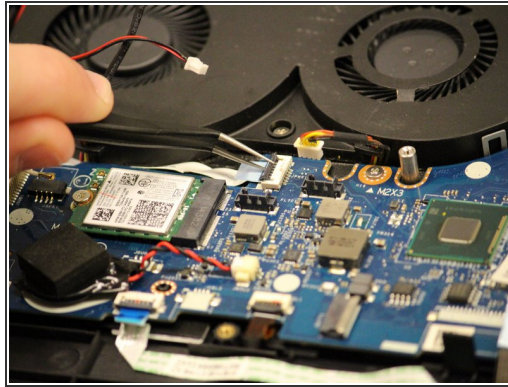
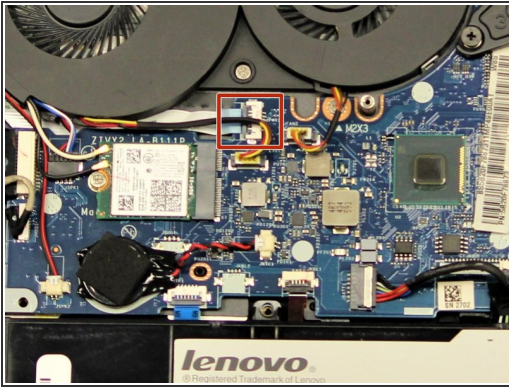
- Grab marked cables and pull out to unplug.

Step 8



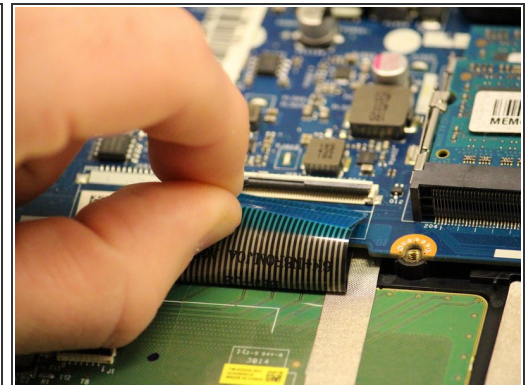
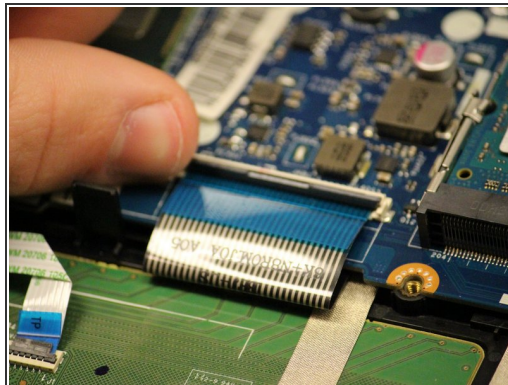
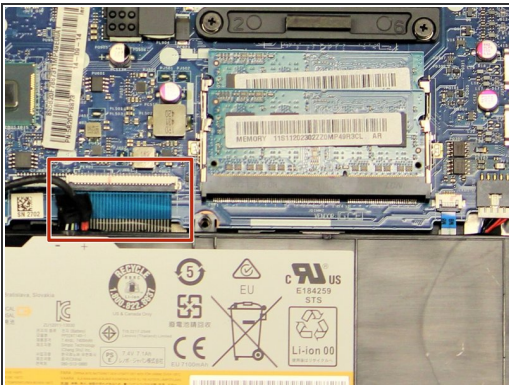
- Grab the black tab on top of the cable and pull up to unplug.

Step 9



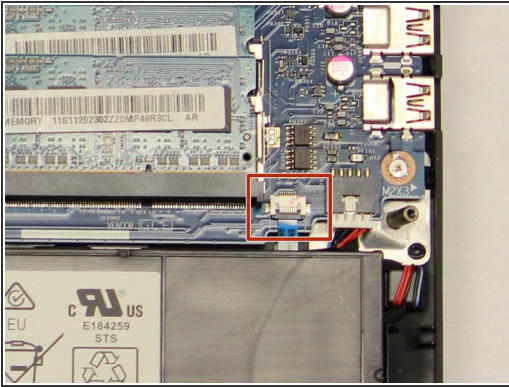
- Lift the black tab on top of the marked cable.
- Grab the colored tab on the cable and pull to remove the cable.

Step 10



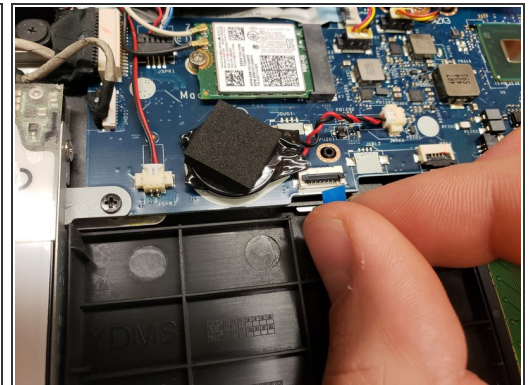
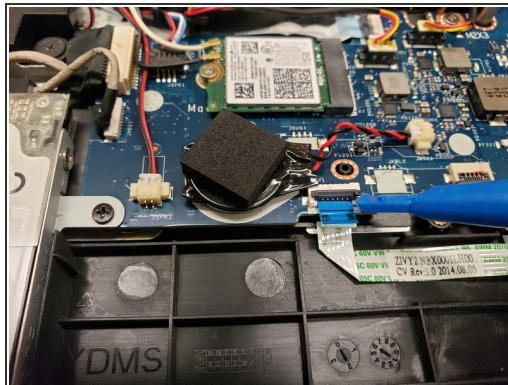
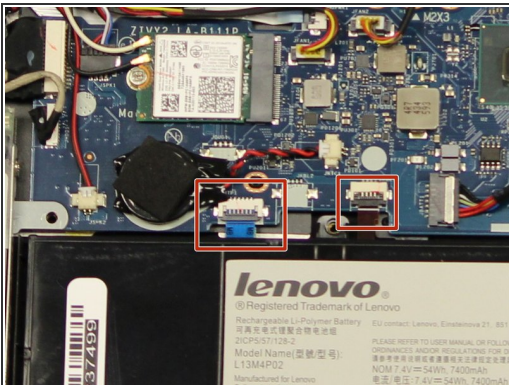
- Lift the black tab on top of the marked cable.
- Grab the colored tab on the cable and pull to remove the cable.

Step 11



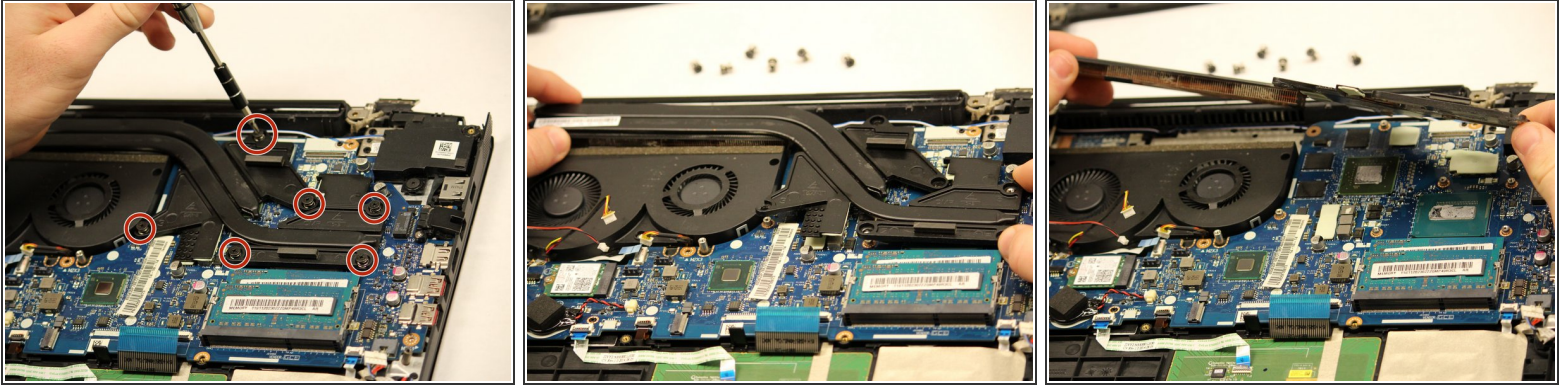
- Lift the black tab on top of the marked cable.
- Grab the colored tab on the cable and pull to remove the cable.

Step 12



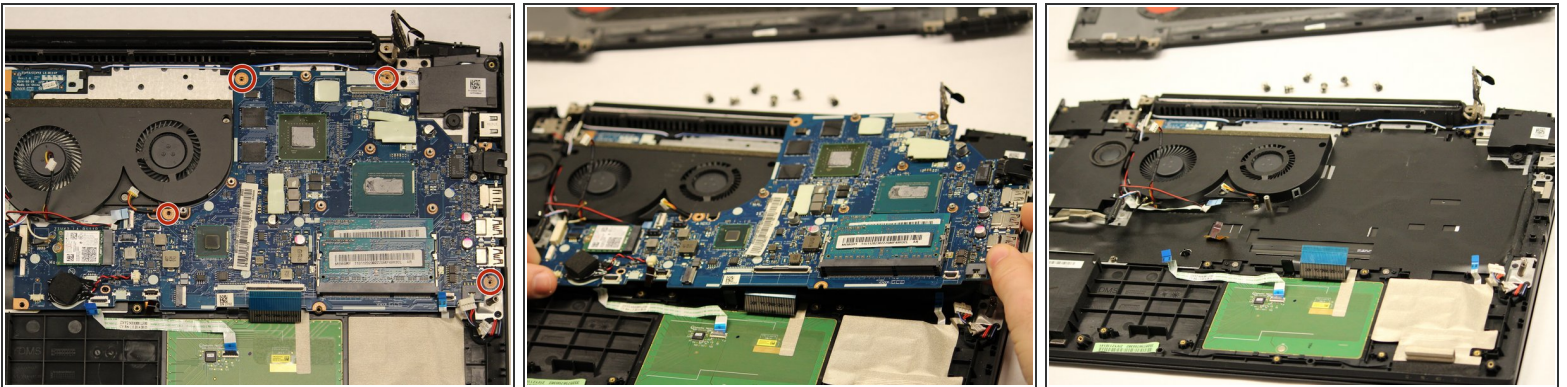
- Lift the black tab on top of the marked cables.
- Grab the colored tab on the cables and pull to remove the cables.

Step 13



- Use a Phillips #1 screwdriver to unscrew and remove the six 7 mm screws from the heat sink.
- Grab and lift the heatsink off the motherboard.

Step 14



- Use a Phillips #1 screwdriver to unscrew and remove the four 6 mm screws marked with red circles on the motherboard.
- Grab and lift the motherboard up and out from the laptop.

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