HP 250 G3 WiFi Card Replacement

we will show you how to replace the wifi module and how to open the laptop, so you can repair other parts of the laptop too.

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TOOLS:

- Phillips #00 Screwdriver (1)
- iSesamo Opening Tool (1)
- Tweezers (1)
- Spudger (1)
- IC Extractor/Connector Puller (1)
- stanley knife (1)

PARTS:

- wifi module (1)

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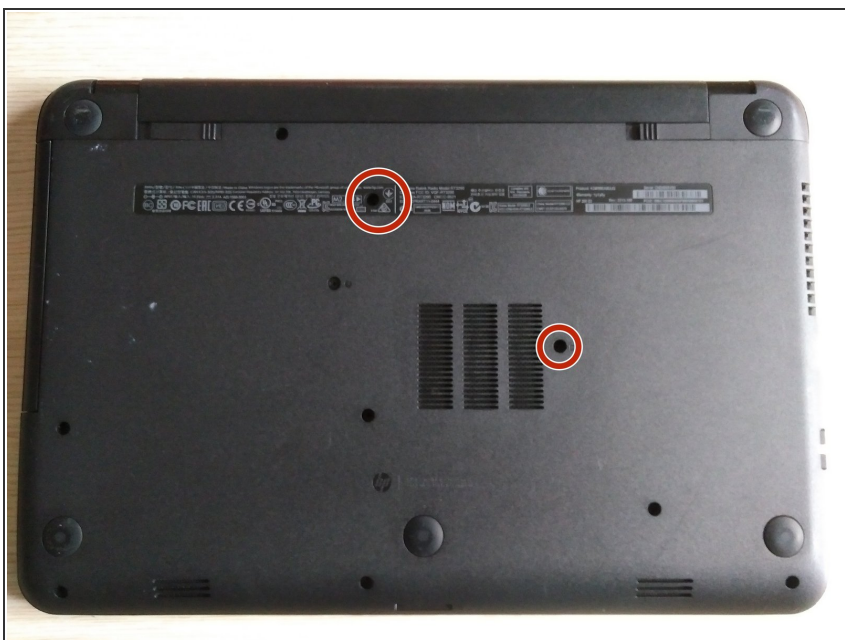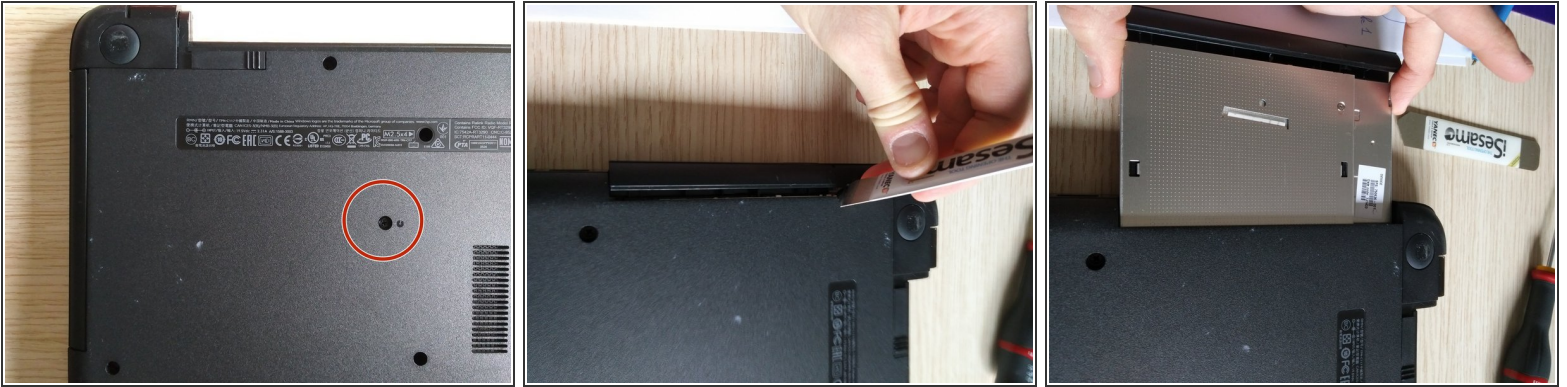## Step 1 — WiFi Card

- Remove the battery.

Step 2

- Now, remove the two screw that are holding the keyboard together.

⚠ Make sure to keep track of the two screws, and lose them!
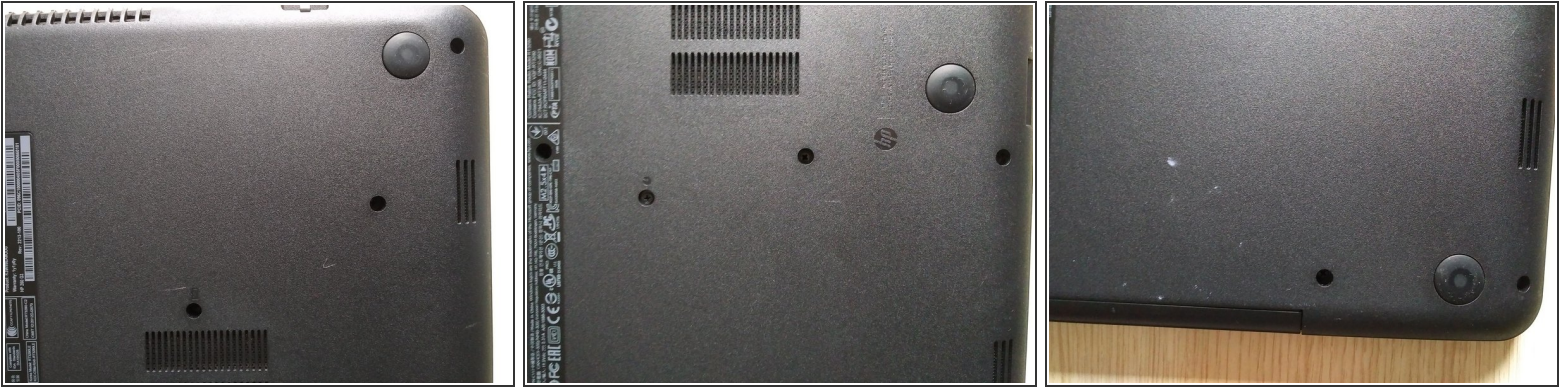
Step 3

- Remove the screw that is holding the module.

- Use the iSesamo to loosen the tray, and slide the tray out.

Step 4 — screws of the case 1

- Remove the screws holding the plastic case by using a sharp Stanley knife, and then use a spudger to pry the rubber cushions open.

- ⓘ There are two hidden screws under the right and left rubber cushions (next to the battery).

- ⚠ The screws are not easy to remove.
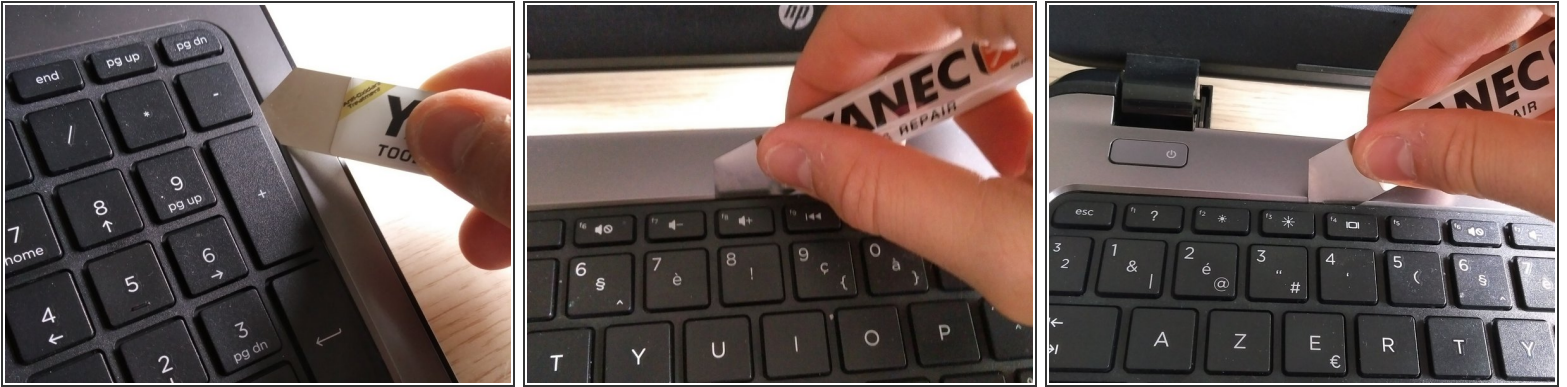
Step 5 — screws of the case 2

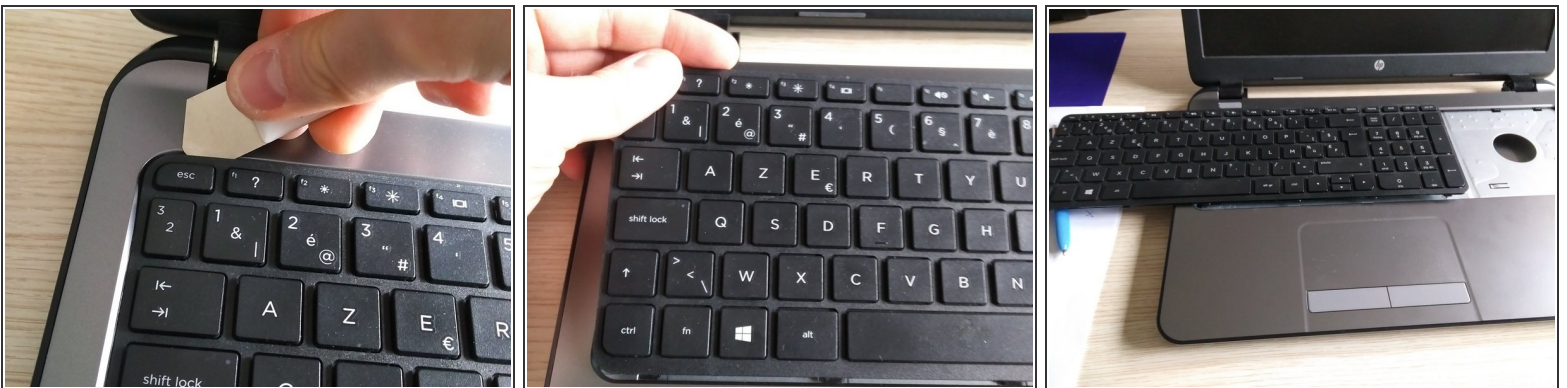- Now, remove the other screws.

Step 6

- Remove the two little screws at the DVD entrance.

Step 7 — removing keyboard

- Turn the laptop around.

- Open up the laptop (to remove the keyboard).

- Use a spudger or iSesamo to remove the keyboard.

- Slide the iSesamo around the upper side of the keyboard as shown in the pictures (you will hear clicks).
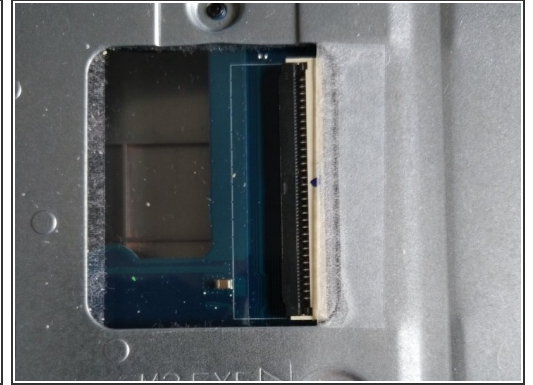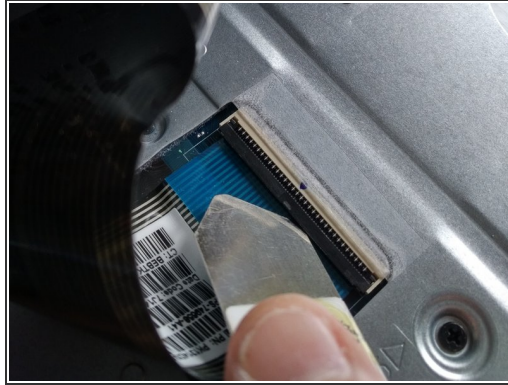
Step 8

- When it becomes loose, gently slide the keyboard to the left as shown in picture 3.

- ⚠ Be gentle because the thin ribbon may tear.
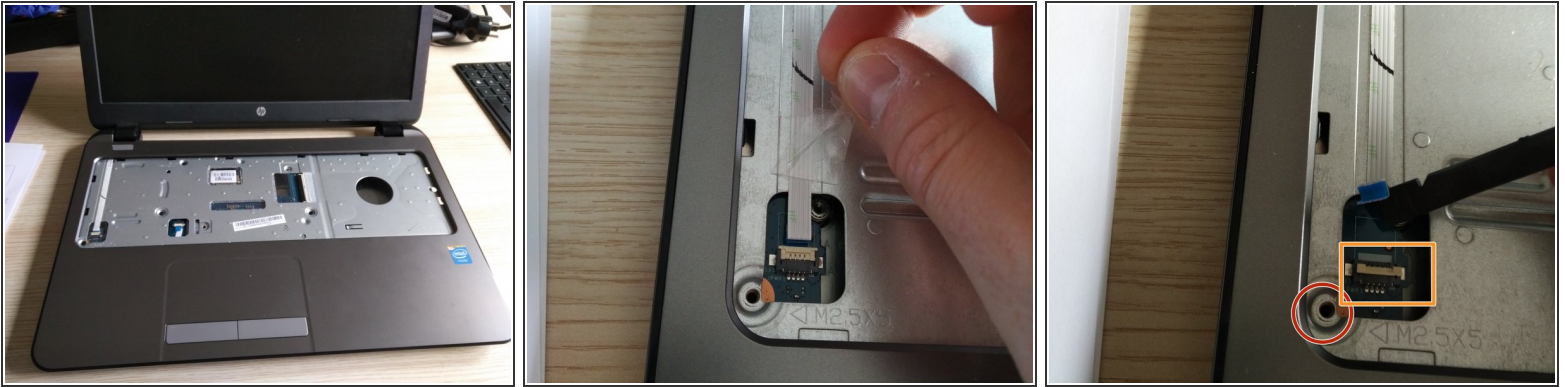
Step 9 — removing keyboard / ribbon cable

- Gently lift the keyboard up.

- Spot the thin ribbon cable attached to the connector (the connector has a plastic lid).

- Carefully open the lid with a spudger and slide the ribbon cable out of the connector.

⚠ Be very gently with the cable and the connector because the lid may come loose. If this happens, it is difficult to put the cable and the connector back in.

- Close the lid again, after removing the cable, so that the cable cannot jump out.
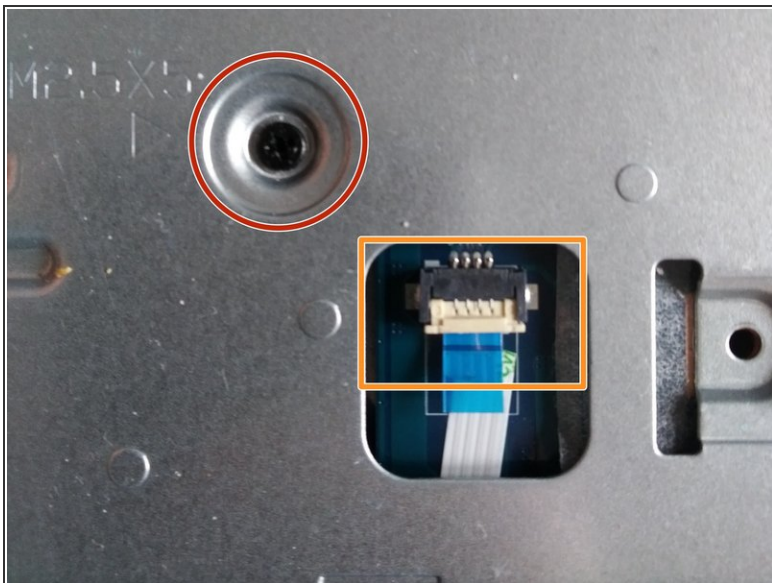
Step 10 — removing upper plate/case

- Remove the screw circled in picture 2.

- Remove the white ribbon cable from the connector.

- Remove the tape over the cable and the connector.

- Open up the lid with a spudger, and gently remove the ribbon cable.

⚠ Be careful because the ribbon cable is pasted tot the plate.

ⓘ This ribbon cable is the connector from the ON/OFF switch.

Step 11

- Remove the screw, and remove the ribbon cable from the connector.

- (i) The ribbon cable/connector is the touch pad/mouse connector.

Step 12

- Remove the screw on the upper side of the laptop.

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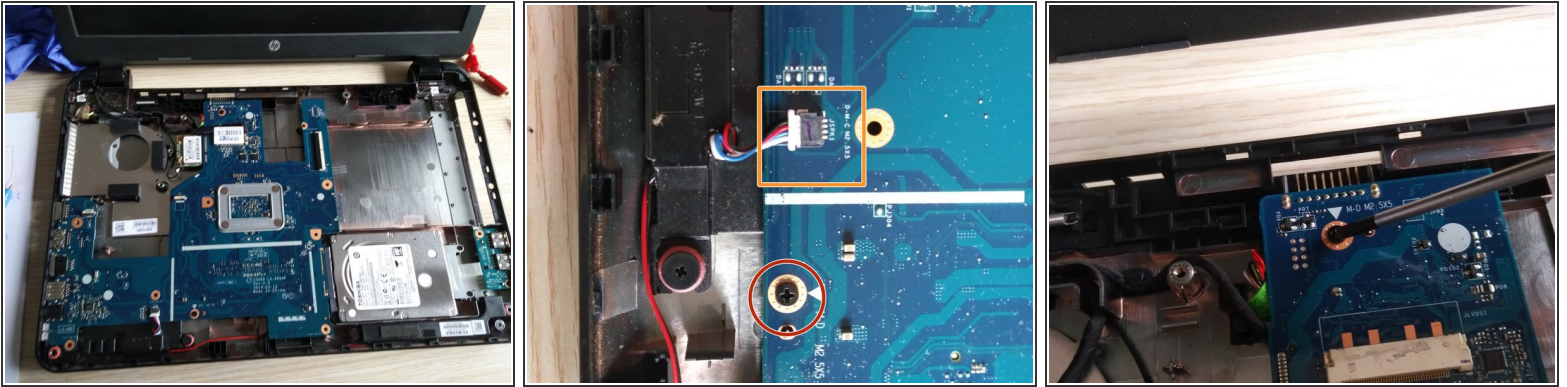
Step 13

- Remove the last screw (unfortunately, I do not have a picture of this, but you will see it on your laptop).
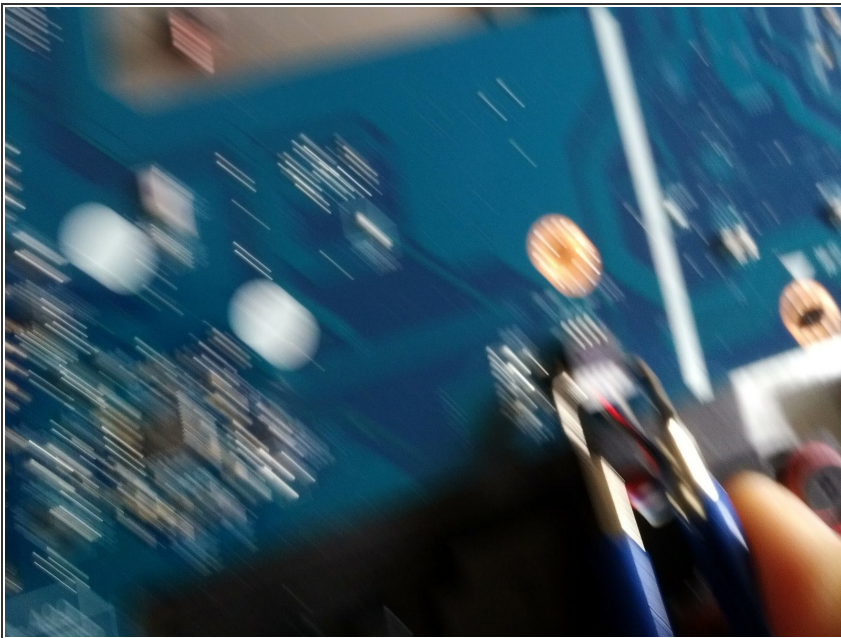
Step 14

- Slide your iSesamo around the case as shown in picture 1 and 2, and go around the entire laptop.

- ⓘ You will hear clicks after using the iSesamo.

- Lift the upper plate to reveal the motherboard.

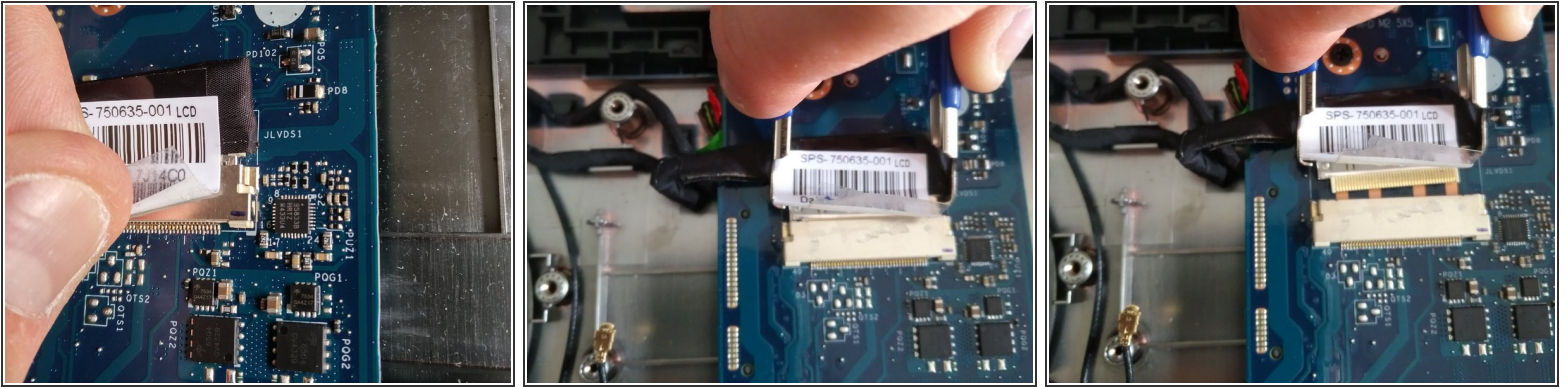## Step 15 — removing main board

- Remove the two screws holding the main board to the plate (see pictures 2 and 3).

Step 16 — loose screws and cables to remove main board

- Use an IC extractor to remove the audio connector from the socket (sorry for the blurred picture).
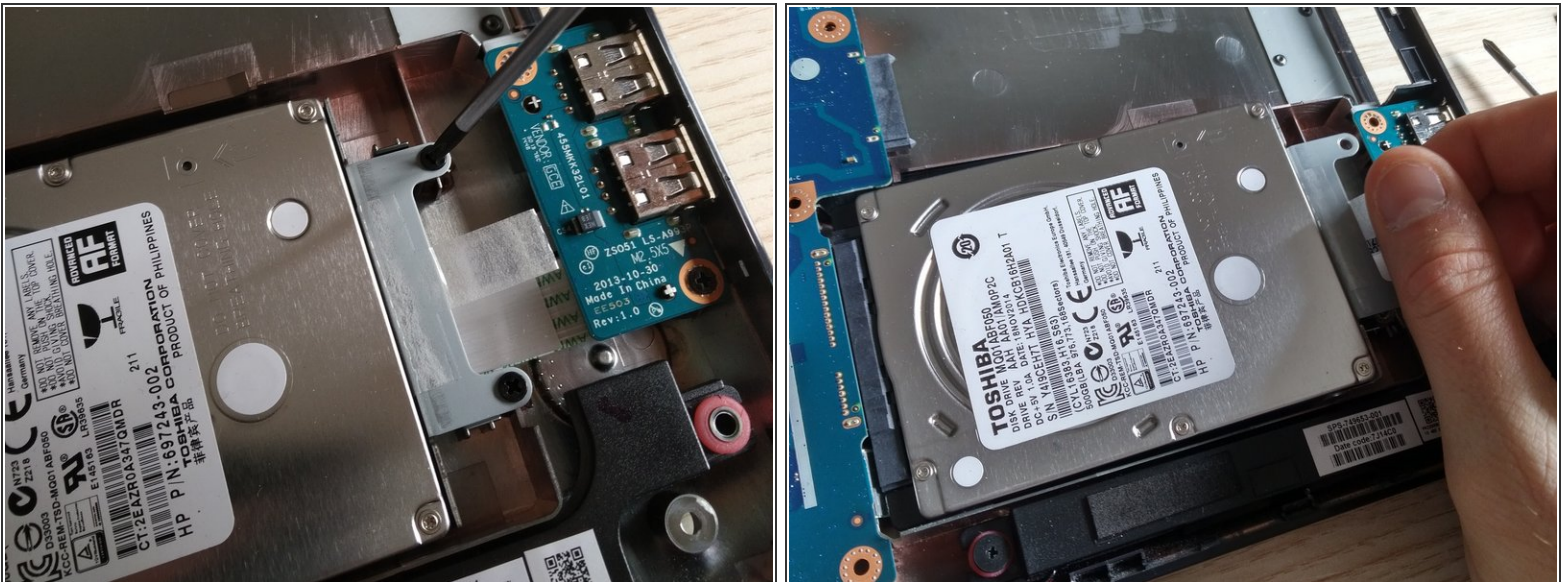
Step 17 — removing LCD cable

- Use a spudge to remove the tape/sticker.

⚠ Be very gentle and careful with this step because the connector is a hard-to-remove ribbon cable with a bunch of small cables. Ripping one of them will damage the ribbon cable, and will cause bad or no screen.

ⓘ It is recommended to use an IC extractor to remove the LCD connector (however, you can use two small flat-had screwdrivers, or tweezers to slide the connector out o the socket).
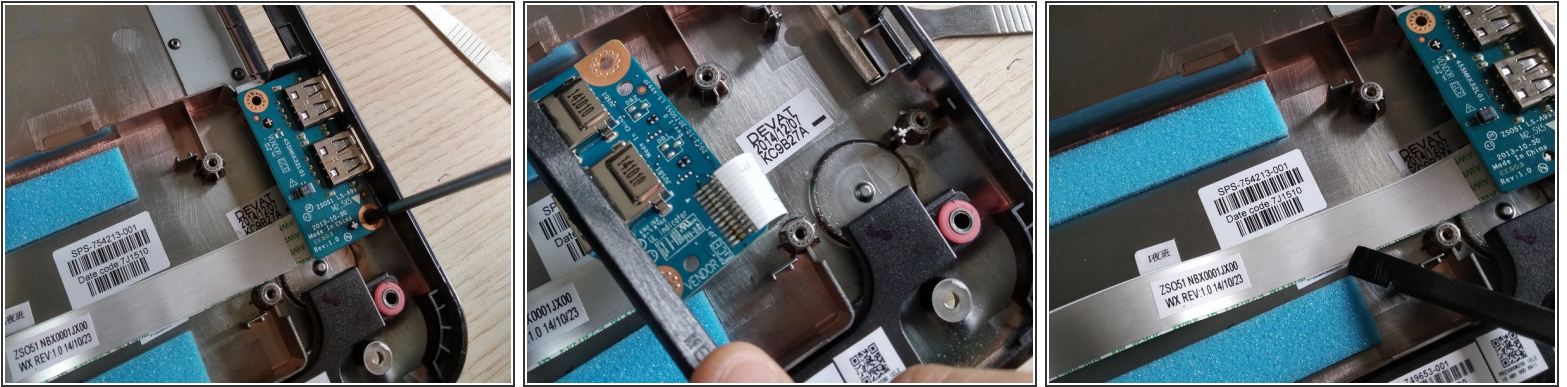
Step 18 — removing HDD

- Remove the two screws holding the HDD.

- Slide out the HDD.

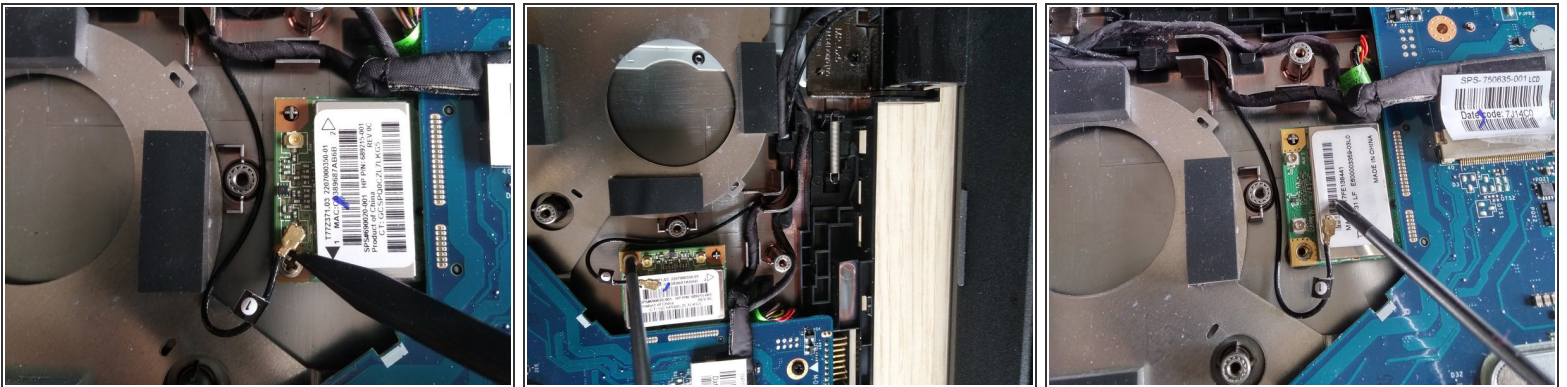This document was generated on 2020-03-11 02:43:39 PM (MST).

Step 19 — removing usb pcb

- Use a spudger to loosen the cable from the bottom plate.

⚠ The flat ribbon cable is pasted to the bottom plate, and the ribbon cable is soldered to the PCB.

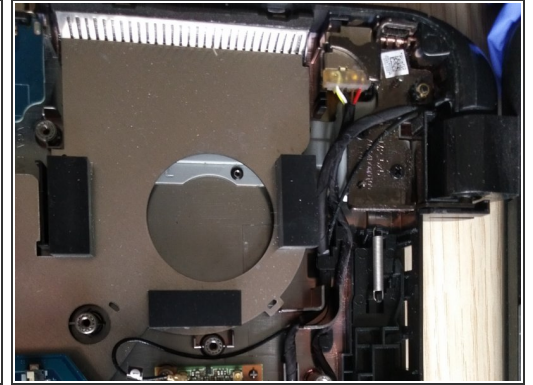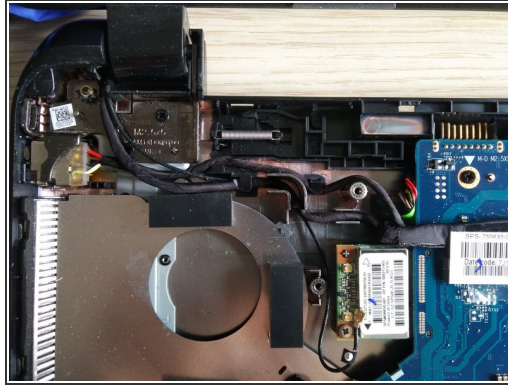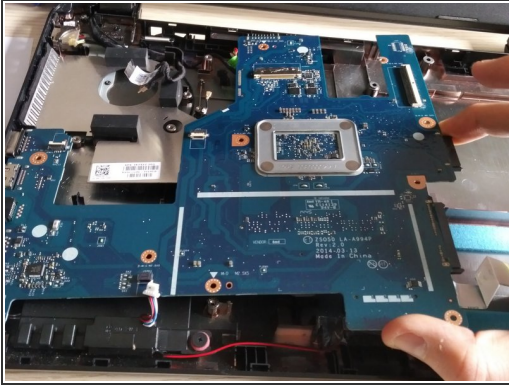## Step 20 — removing the bad Wifi module.

- Remove the golden antenna cable from the socket. Be very careful, and use a spudger.

- Remove the screw.

- The WiFi module will jump up when the screw is removed. Slide the WiFi module out.

⚠ Wear gloves to avoid touching the antenna or the antenna sockets.

- To install the new Wifi module, slide the new WiFi module in , push it down, and put the screw back in.

- Attach the antenna back in.

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Step 21 — removing main PVB

⚠ In this case I did not remove the main PCB because then I had to remove the DC jack. It was a very breakable connector, and the wires are very thin. If you break one of them you cannot charge your laptop any more.

● If the DC jack is damaged or broken in your laptop, remove the hinge instead (this is holding the DC power jack in place).

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