



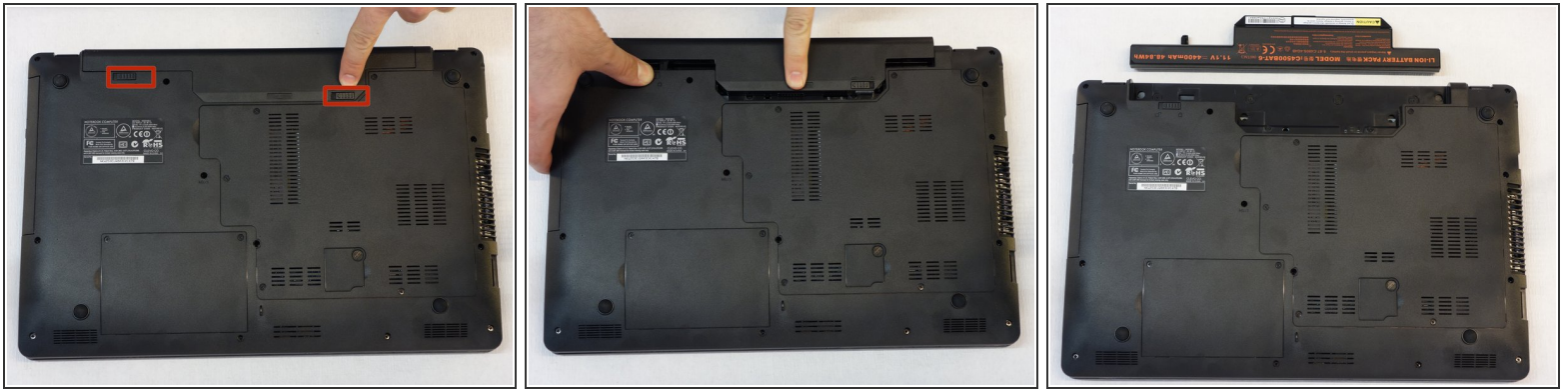
Motherboard by why! Replace W253EU (German)

Replace motherboard.

Written By: Felice Suglia

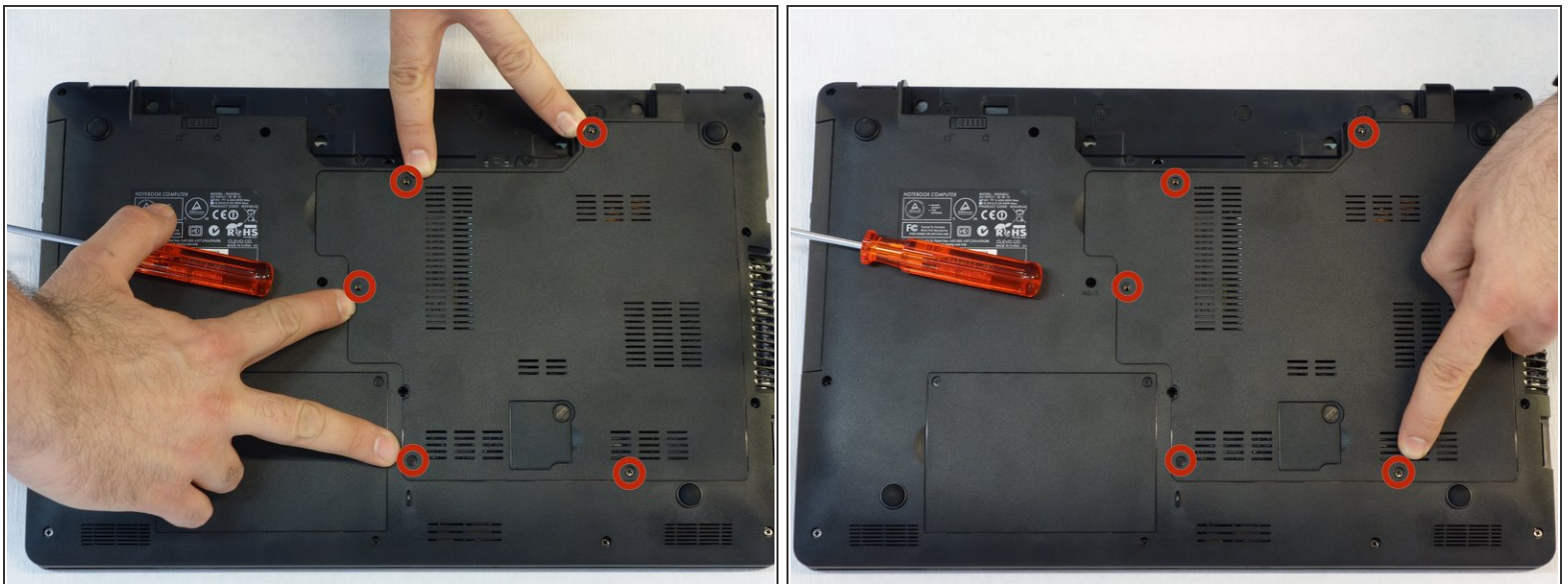


Step 1 — Battery from why! Remove W253EU



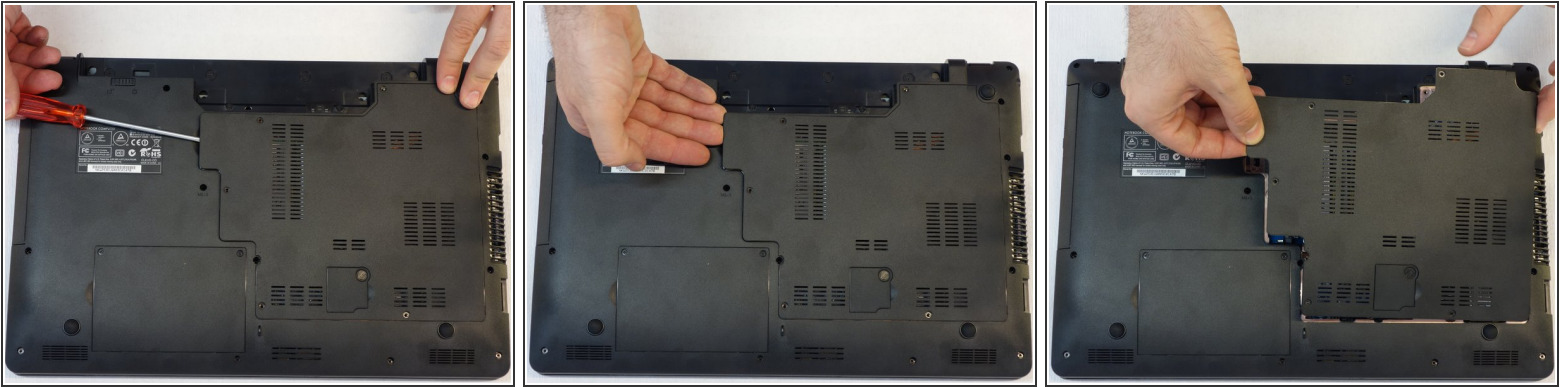
- Turn off the computer.
- ⓘ Before each operation it is important to start with the removal of the accumulator.
- Take the slide unlocked into position, remove the battery.

Step 2 — Access to RAM and CPU from why! W253EU (German)



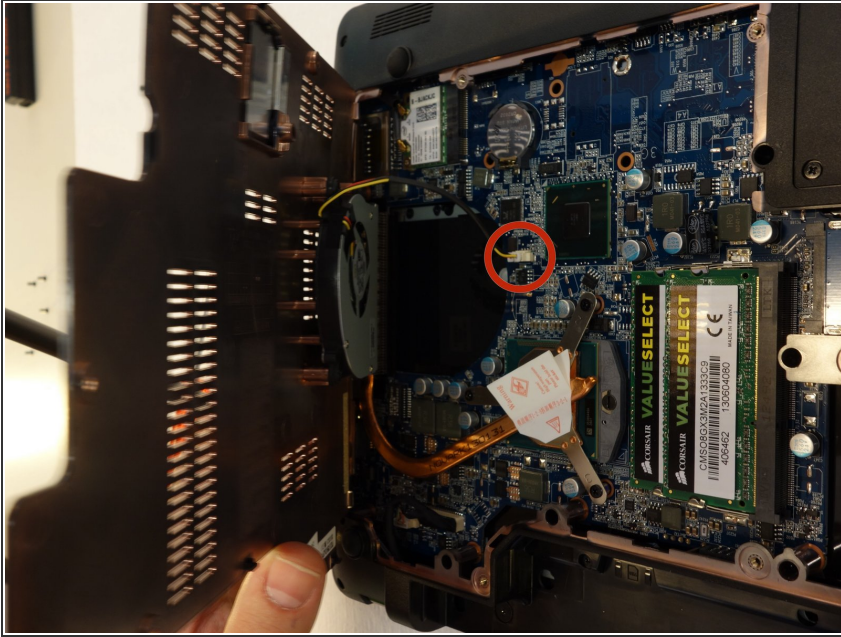
- Using the screwdriver Philips # 1, unscrew the 5 fixing screws of the cover.

Step 3



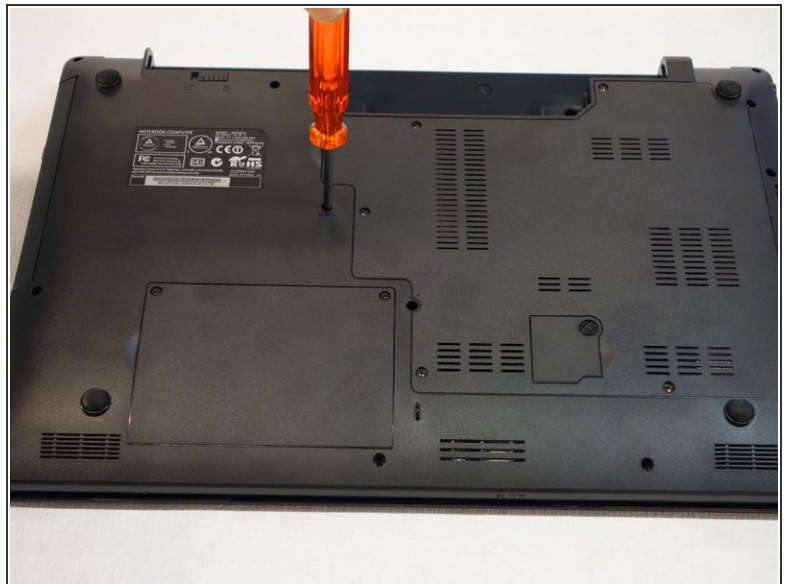
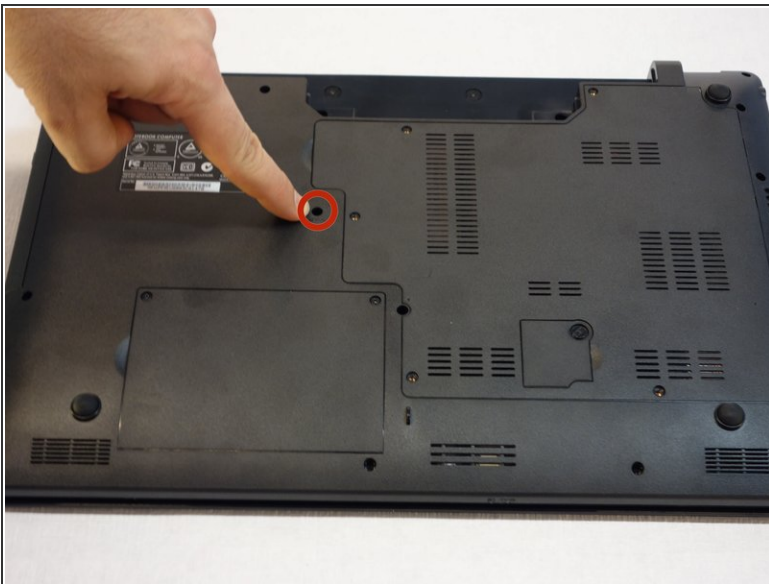
- Push the screwdriver a few millimeters under the cover so that it can be touched with your fingers.
- Now lift the cover carefully.
- Attention! Disconnect the ventillator cable so that the cover can be completely removed (see next step).

Step 4



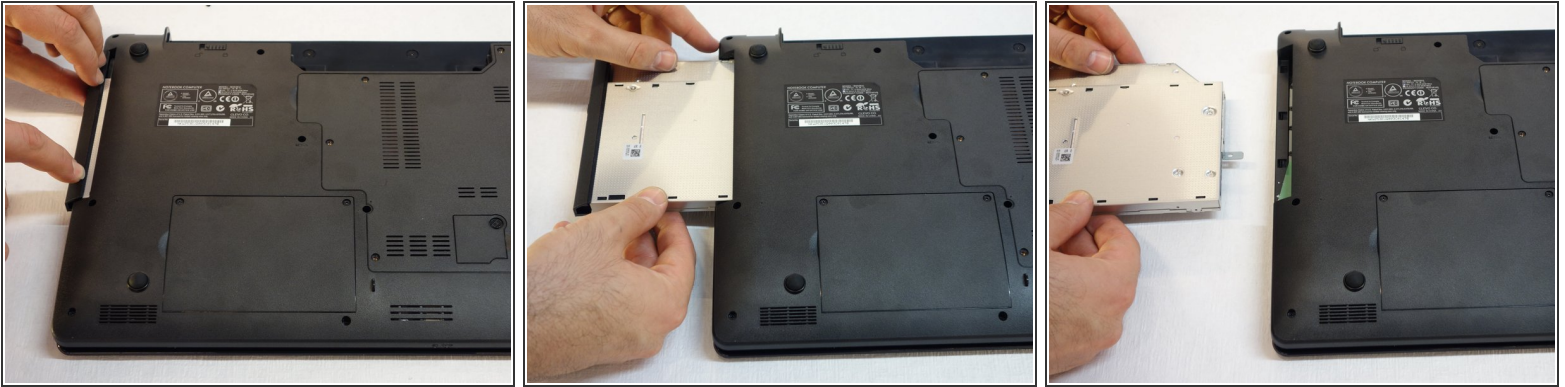
- Since the ventilator is mounted under the cover, its power supply cable must first be disconnected so that the cover can then be completely removed.

Step 5 — CD / DVD RW drive



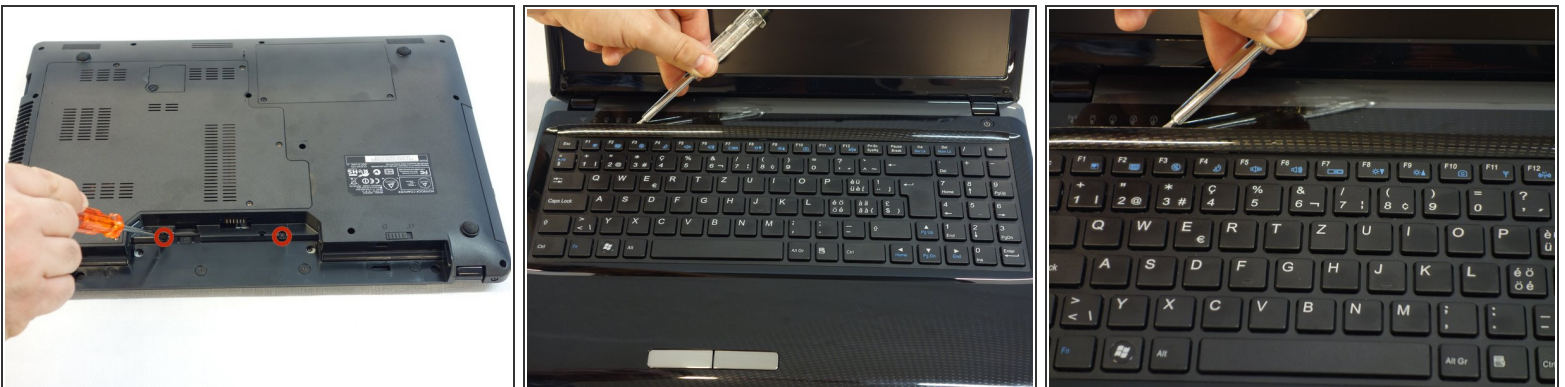
- With the Philips # 1 screwdriver, unscrew the fixing screw of the CD / DVD drive.

Step 6



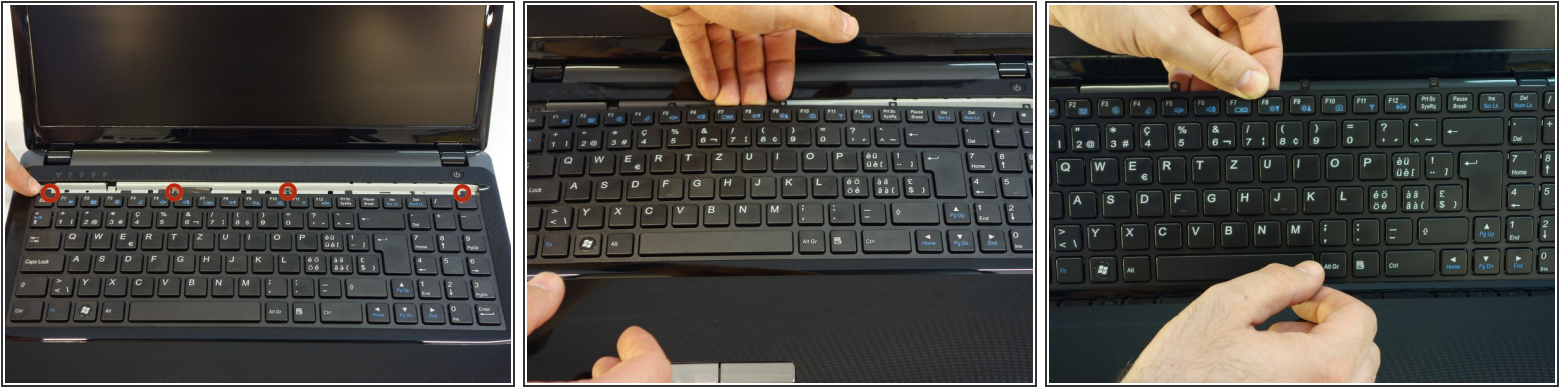
- Now carefully pull out the CD / DVD drive.

Step 7 — keyboard



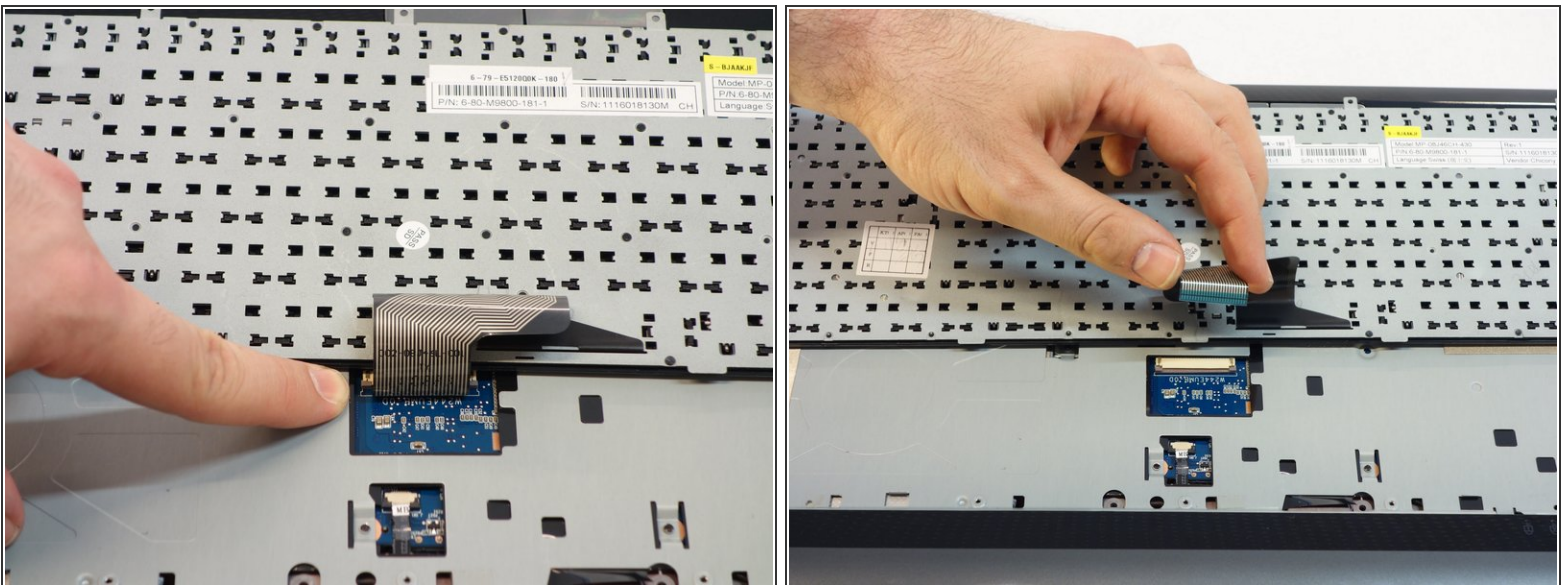
- With the screwdriver Phillips # 1, unscrew the two screws which are located in the slot of the accumulator.
- Insert a standard screwdriver into the slot in the cover above the keyboard.
- Lift the cover with the usual care.

Step 8



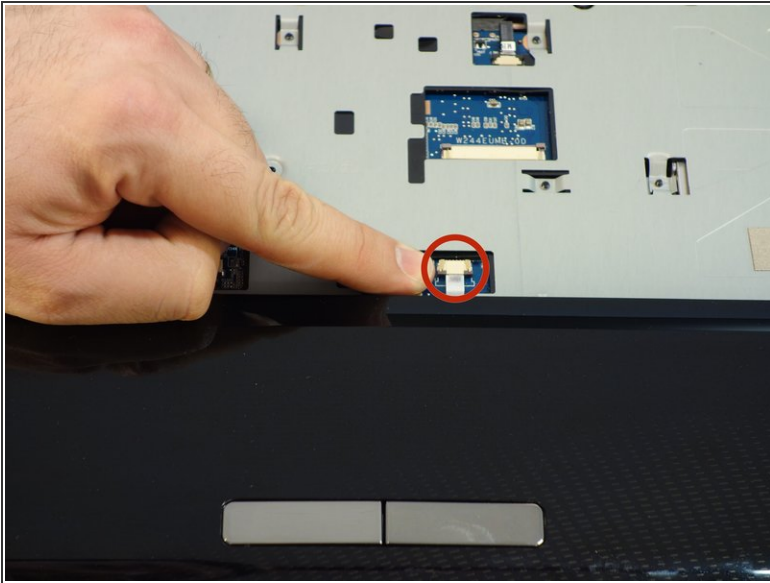
- With the Phillips # 1 screw, remove the four screws securing the keyboard in the upper part.

Step 9



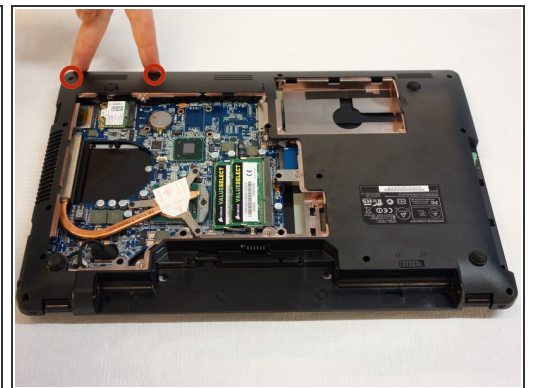
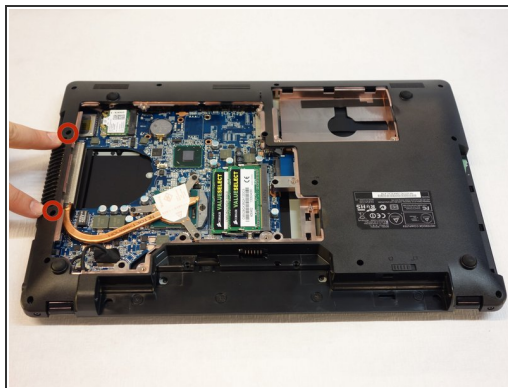
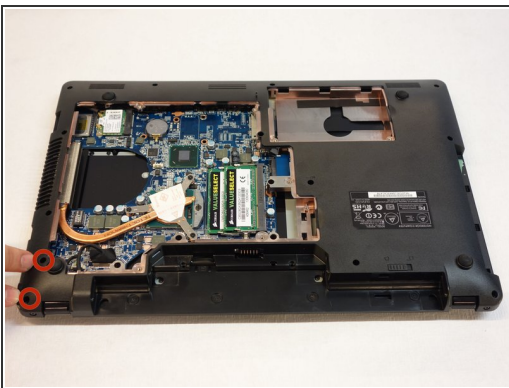
- Now turn the keyboard towards the screen.
- Carefully remove the connection cable in the direction of the plug axis.

Step 10 — motherboard



- Remove plug A.
- Remove plug B.

Step 11



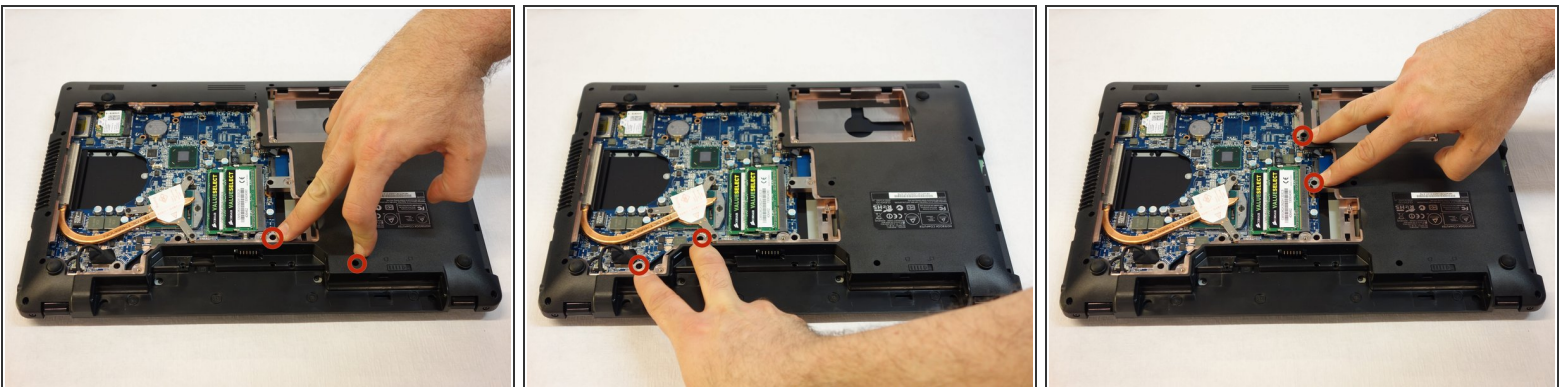
- Using the Phillips # 1 screwdriver, remove all 16 screws securing the entire cover.

Step 12



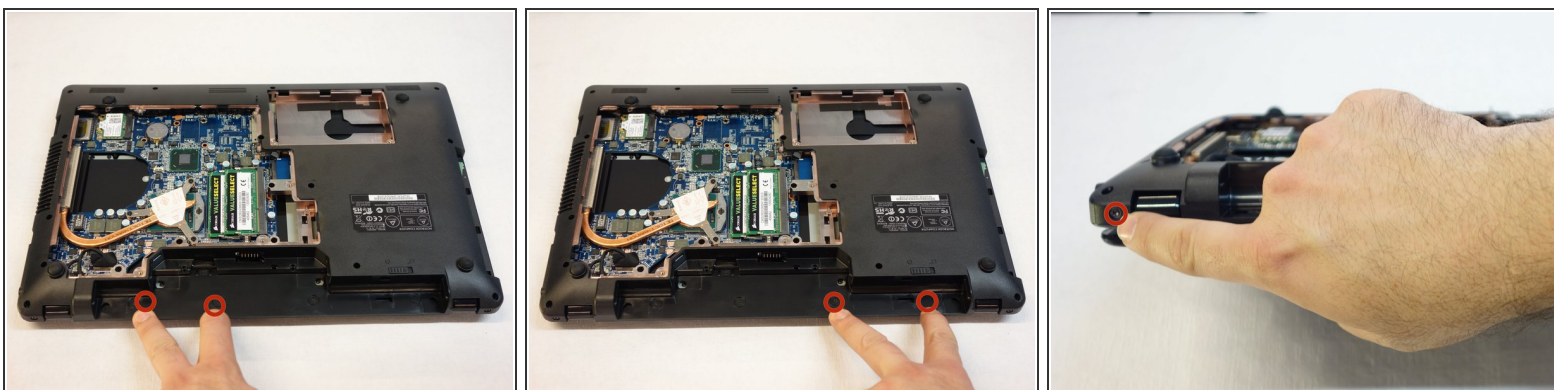
- Using the Phillips # 1 screwdriver, remove all 16 screws securing the entire cover.

Step 13



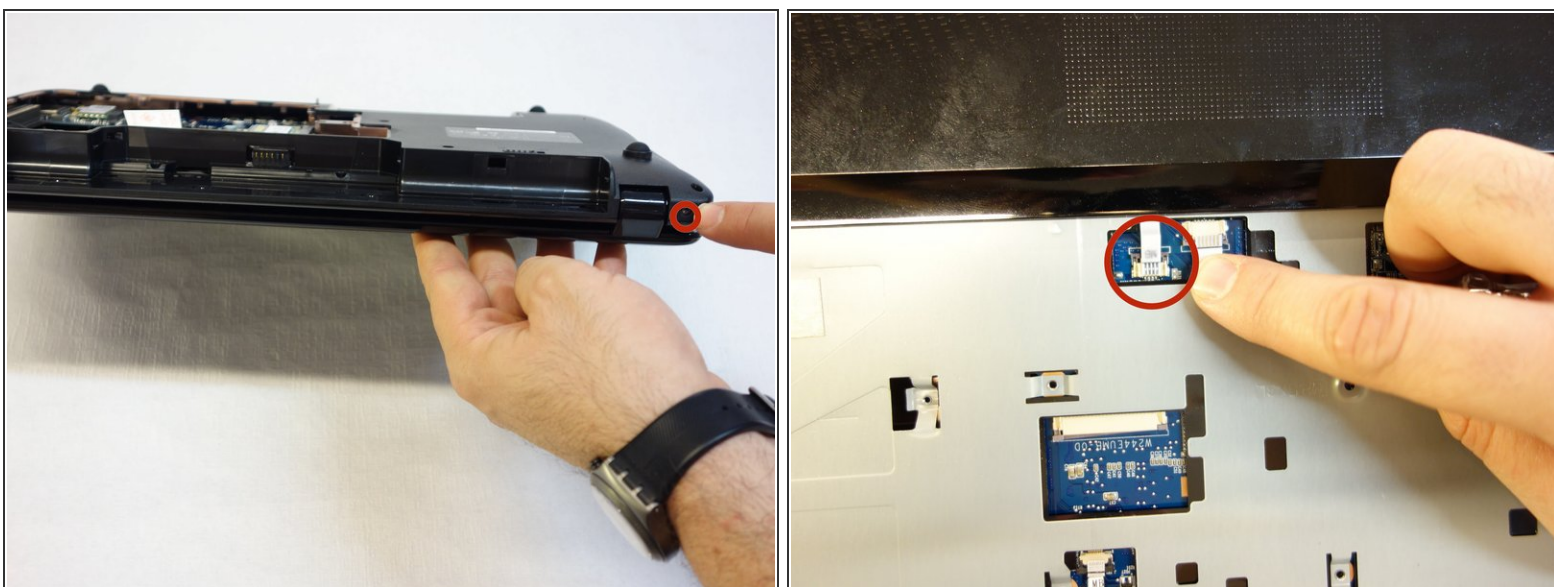
- Using the Phillips # 1 screwdriver, remove all 16 screws securing the entire cover.

Step 14



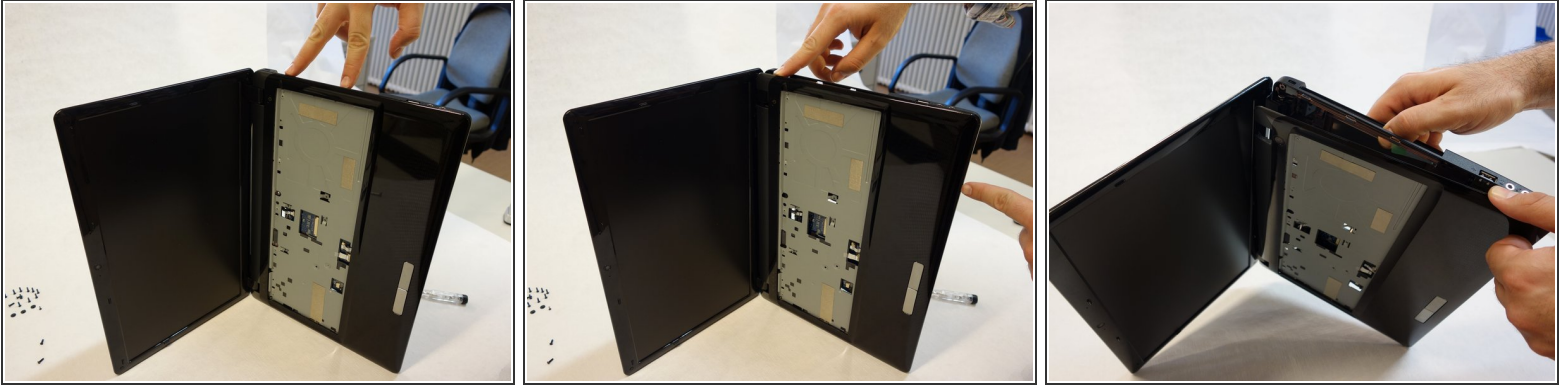
- Using the Phillips # 1 screwdriver, remove all 16 screws securing the entire cover.

Step 15



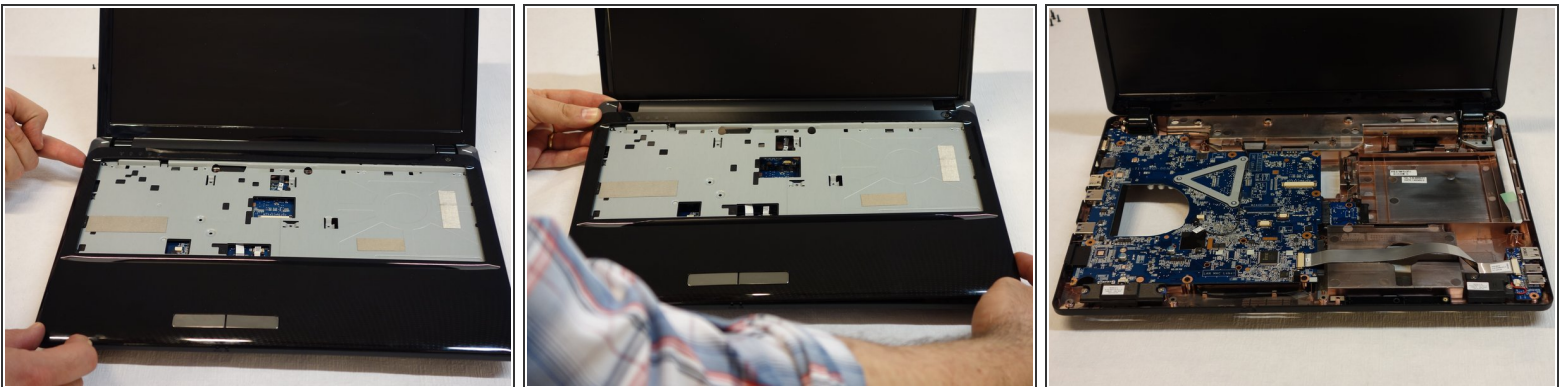
- With the Phillips # 1 screwdriver, remove the other screw located on the back.
- Remove the plug of the touchpad.

Step 16



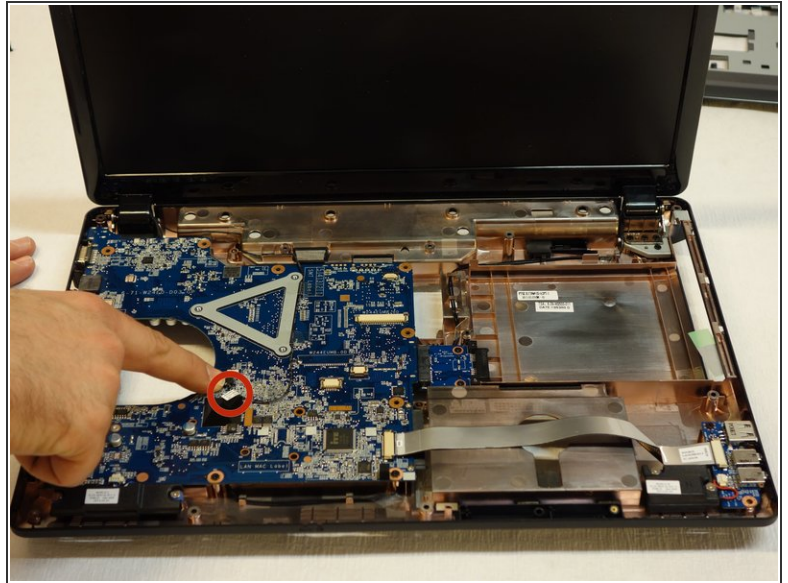
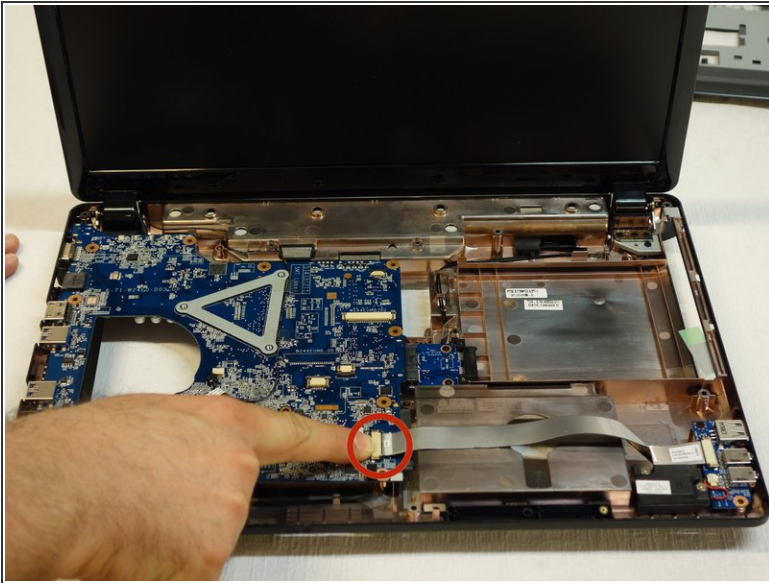
- To remove the frame of the keyboard, start with the upper part on the right. (Visual access to the clips through the opening of the CD / DVD drive), by pushing in a small normal screwdriver or better a small guitar plate.
- Then continue with the lower part.

Step 17



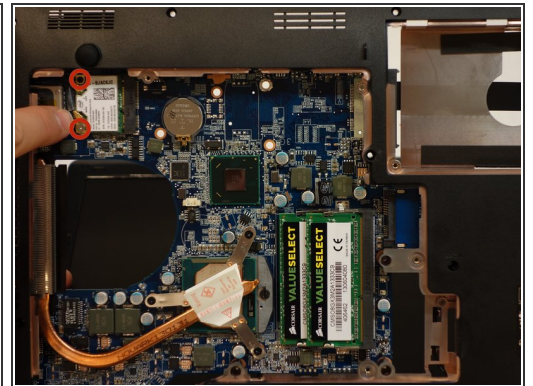
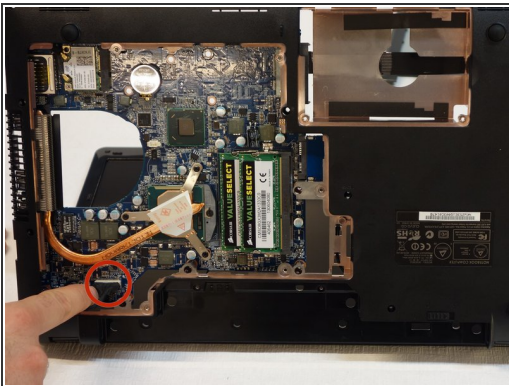
- Proceed with the removal of the keyboard tab in a clockwise direction.
- Remove the frame of the keyboard and the motherboard will appear.

Step 18



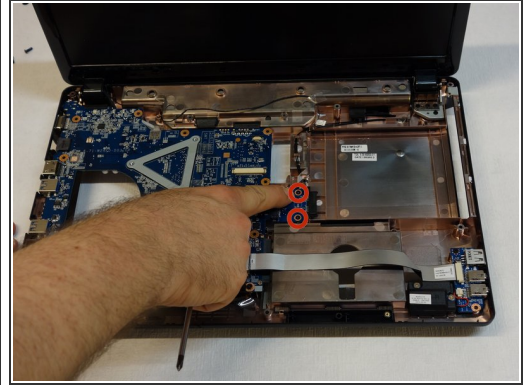
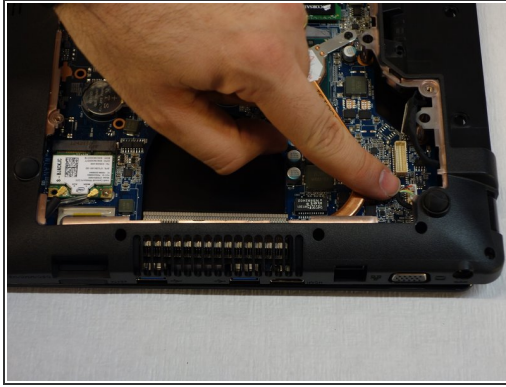
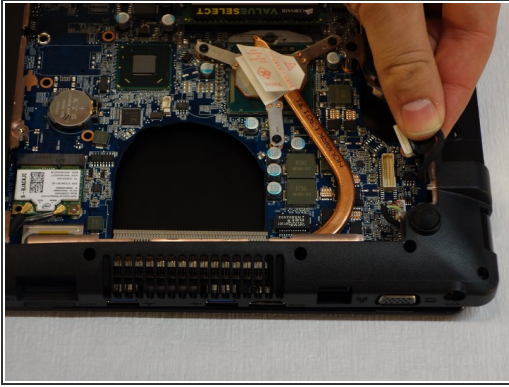
- Pull out the main plug.
- Pull out the small plug in the middle.

Step 19



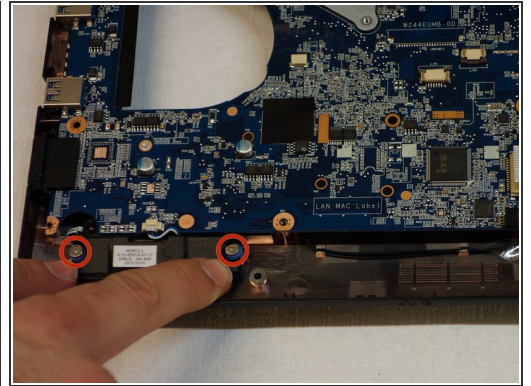
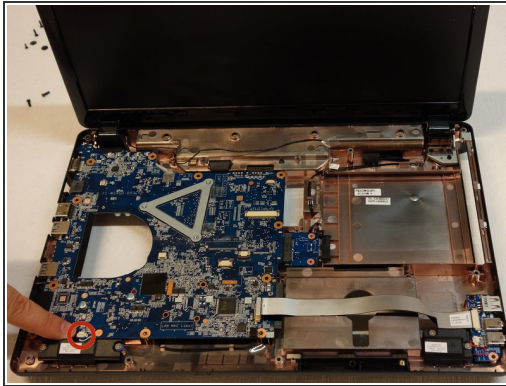
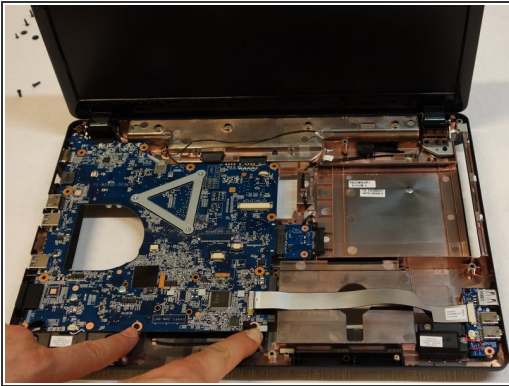
- Flip the computer over and unplug the connector near the processor (CPU).
- Remove the other connector located immediately to the right.
- With the screwdriver Philips # 1, remove the 2 fixing screws of the Wi-Fi chipset.

Step 20



- Pull out the rear plug.
- Unplug the small plug that lies immediately next to the first plug.
- With the Philips # 1 screwdriver, remove the red-edged screws.

Step 21



- Using the Philips # 1 screwdriver, remove the 10 main board mounting screws.
- Unplug the small plug which lies in front.
- With the screwdriver Philips # 1, remove the 2 screws which are transversally marked and marked with blue circles.
- Take out the motherboard.

For reassembly, follow the instructions in reverse order.

This document was generated on 2019-11-21 03:37:25 PM (MST).

