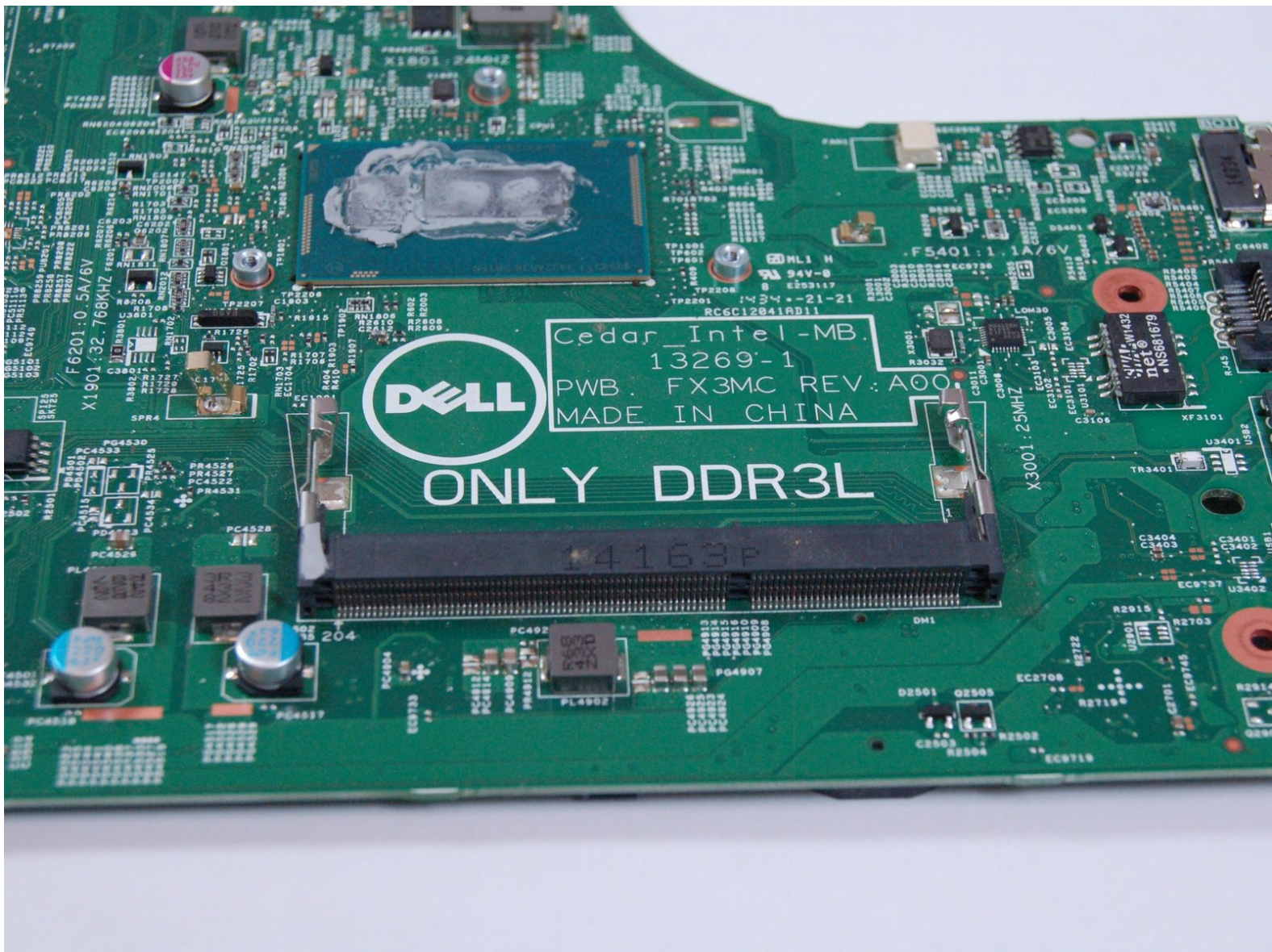




Dell Inspiron 3542 Motherboard Replacement

Users will be able to remove the motherboard from the Dell Inspiron 3542 laptop and replace it.

Written By: Rachel lindsey



INTRODUCTION

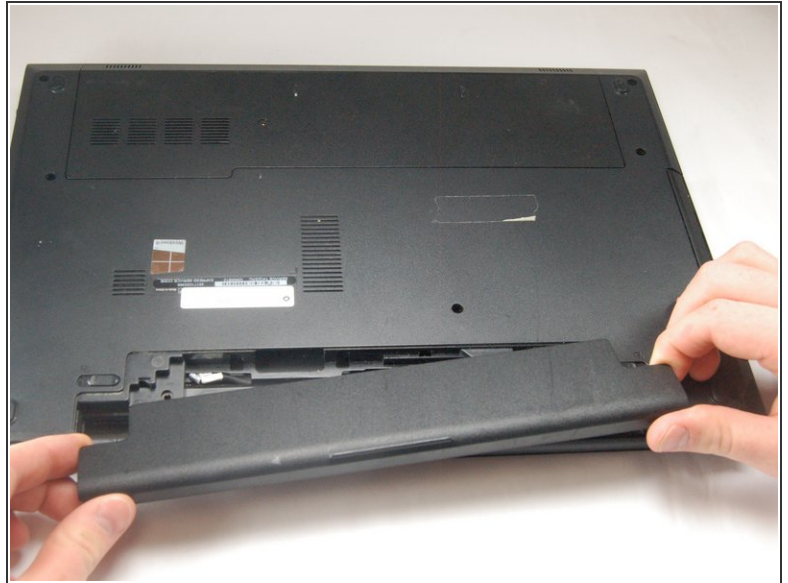
Users will be able to remove the motherboard from the Dell Inspiron 3542 laptop and replace it.



TOOLS:

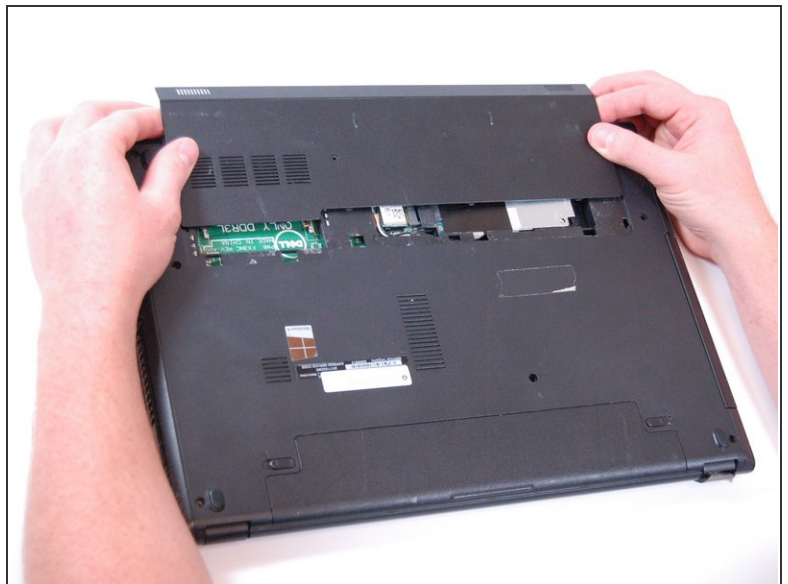
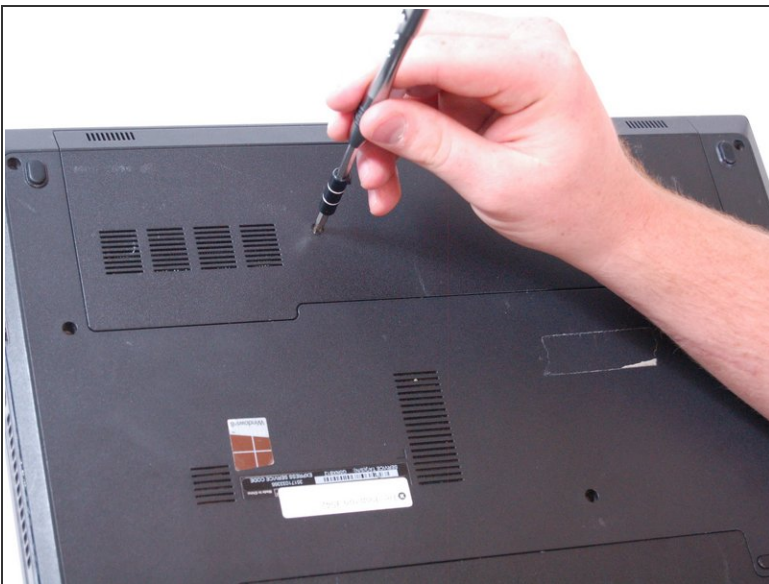
- [Small Phillips Head Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Motherboard



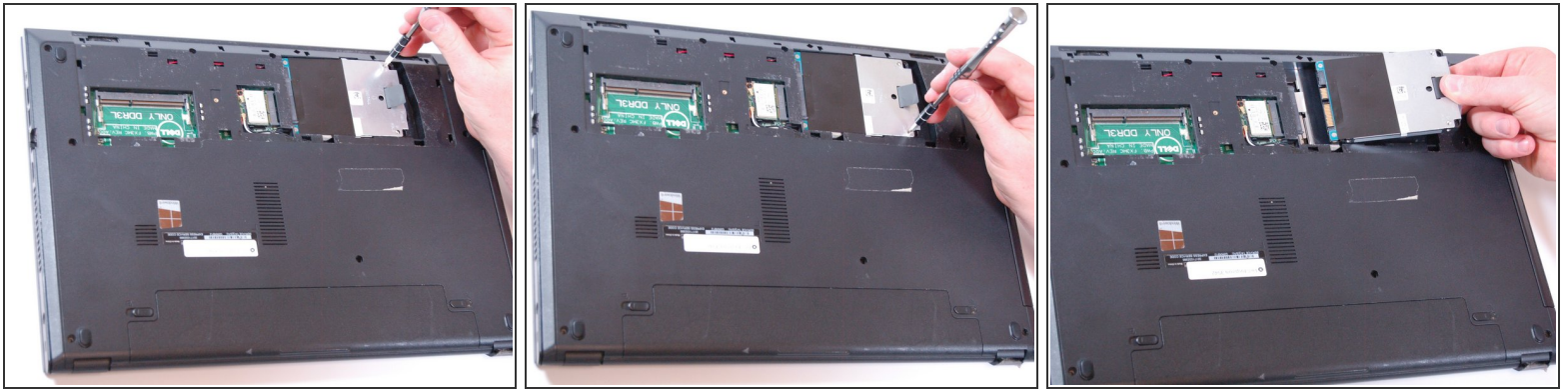
- Slide the latches on both sides of the laptop outward to unlock the battery.
- Remove the battery from the computer.

Step 2



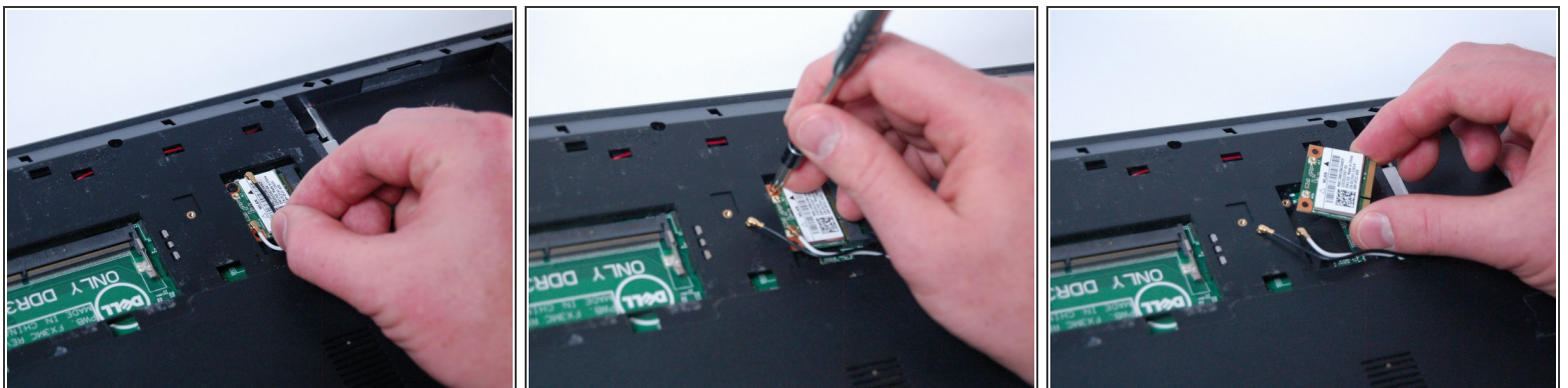
- Remove the screw. (1 x M2 x 3mm)
- Slide down the access door and remove it.

Step 3



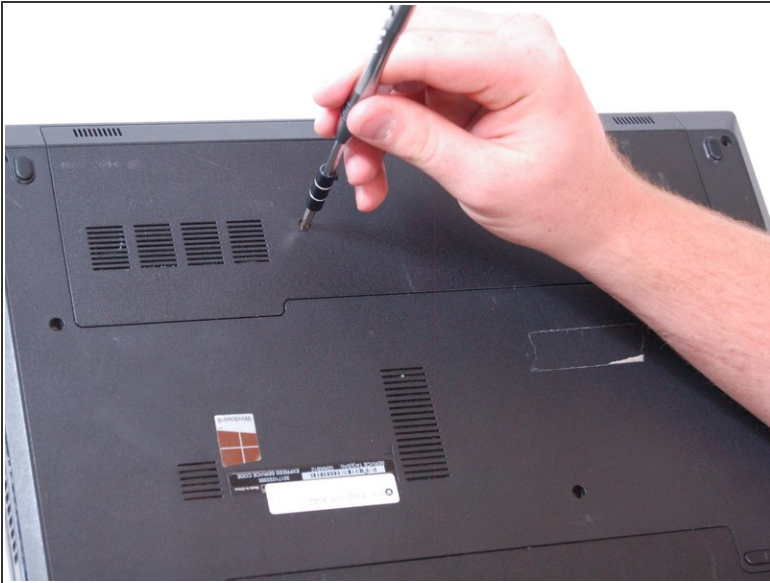
- Remove the screw. (1 x M2 x 3mm)
- Move the hard drive to the open area and remove it.

Step 4



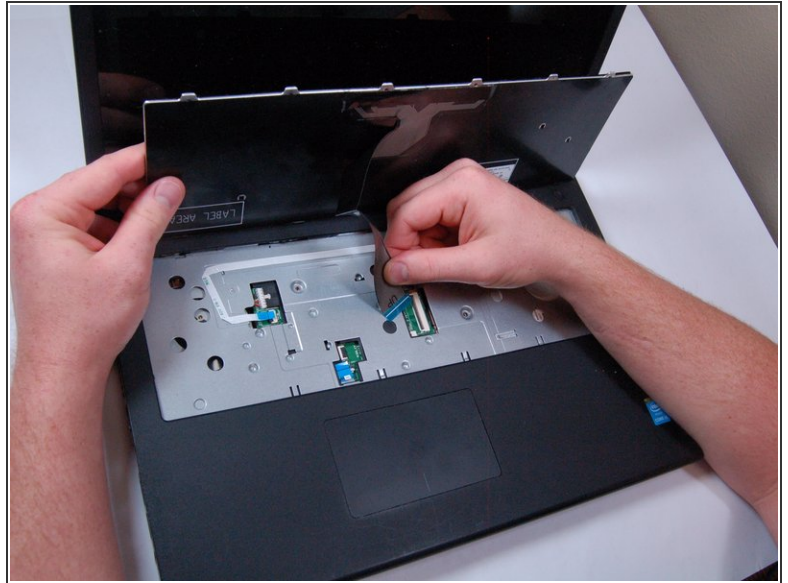
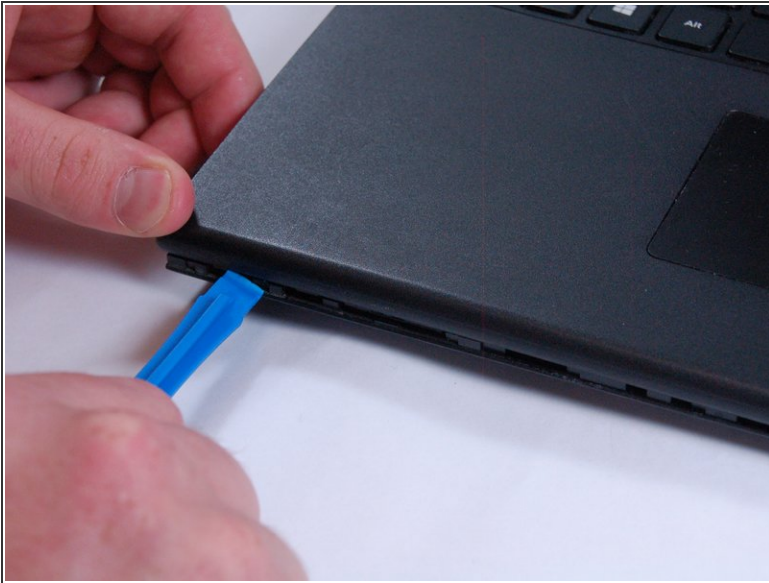
- Unplug the black and white antenna cables from the wireless card.
- Remove the screw. (1 x M2 x 3mm)
- Remove the wireless card from the laptop.

Step 5



- Remove all screws from the bottom of the laptop. (10 x M2.5 x 5mm)
- Turn over the laptop and open it.

Step 6



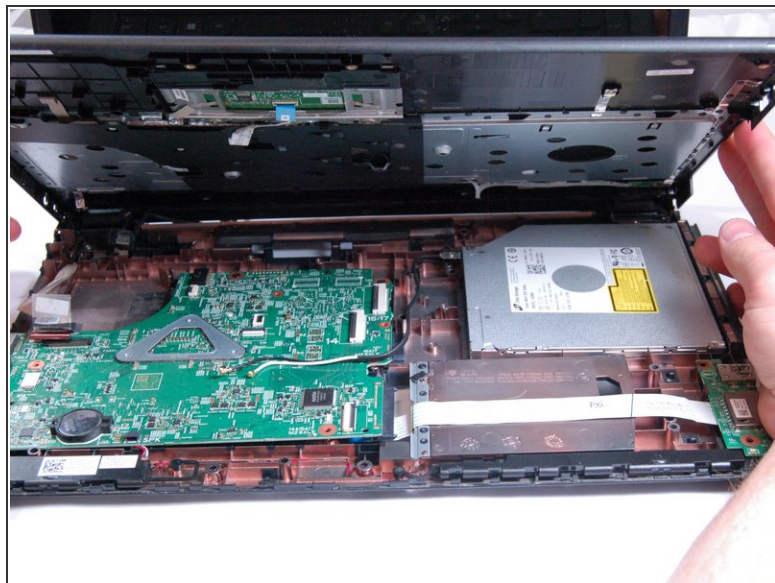
- Use the plastic prying device to release the keyboard.
- Lift the keyboard.
- Unplug the cable connecting the keyboard to the laptop.
- Remove the keyboard.

Step 7



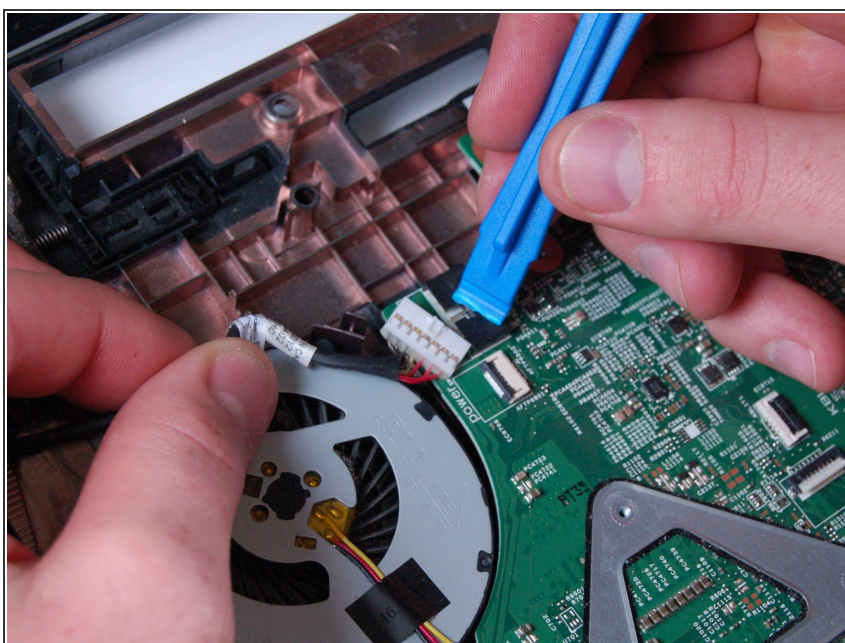
- Unplug the touch pad cables located on the palm rest.
- Remove the screws. (3 x M2.5 x 5mm)

Step 8



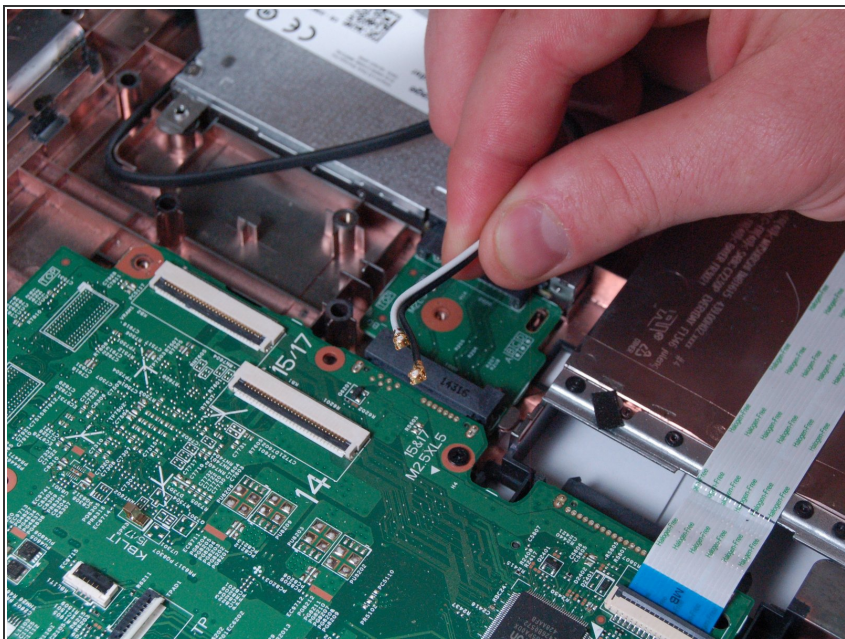
- Carefully unsnap the palm rest from the rest of the laptop.
- Remove the palm rest.

Step 9



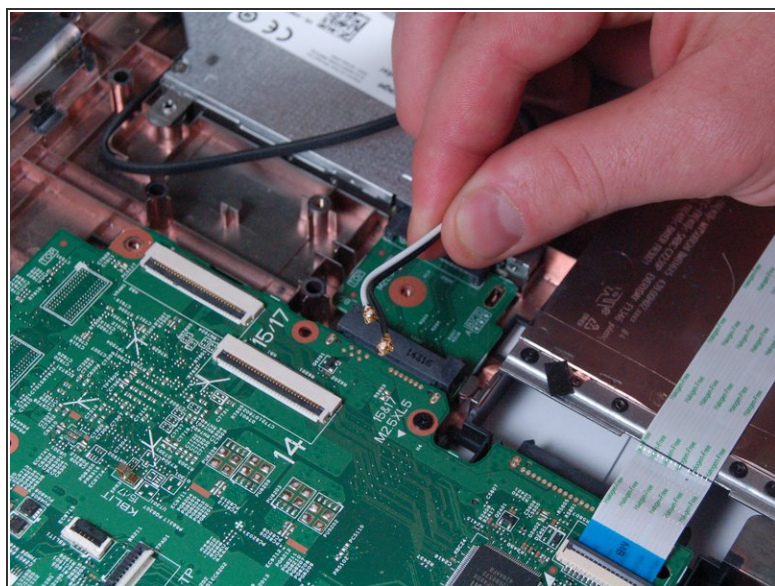
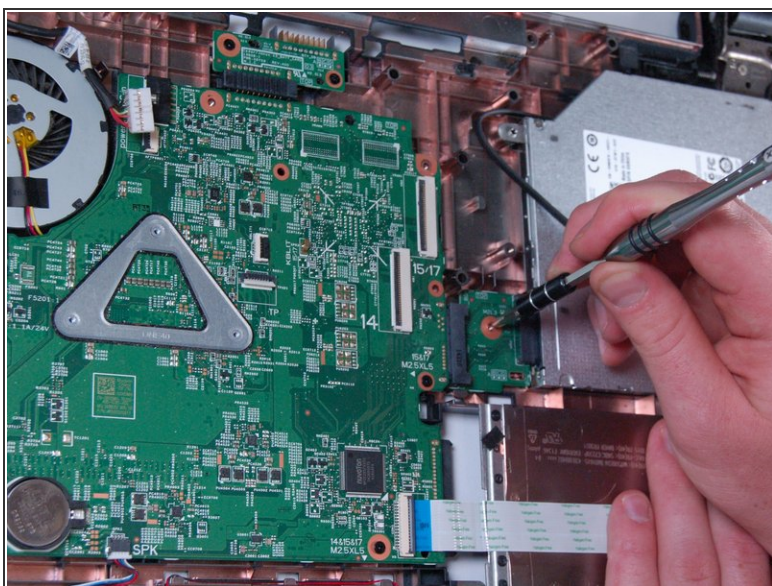
- Unplug the cable that connects to the motherboard.
- Remove the DC jack from the laptop.

Step 10



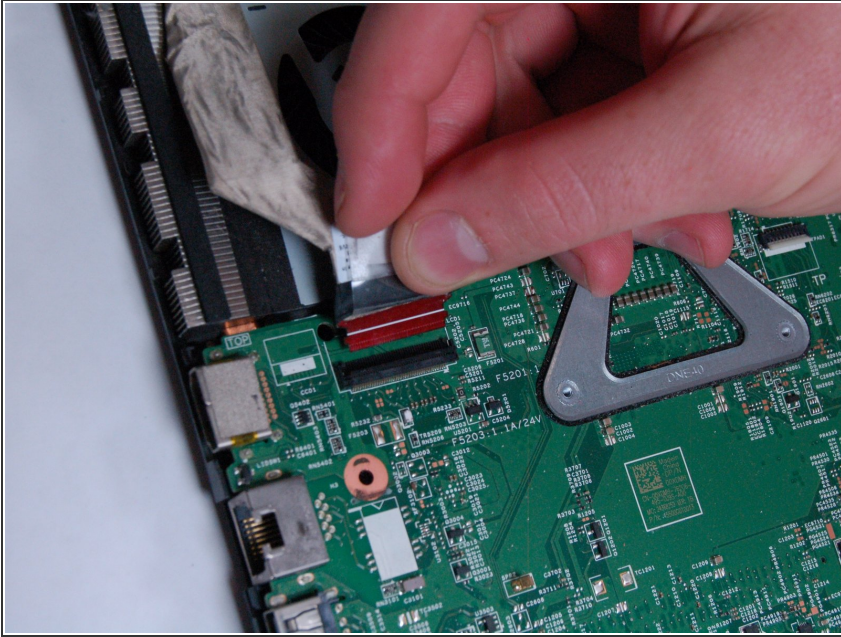
- Loosen the cables on the antenna.

Step 11



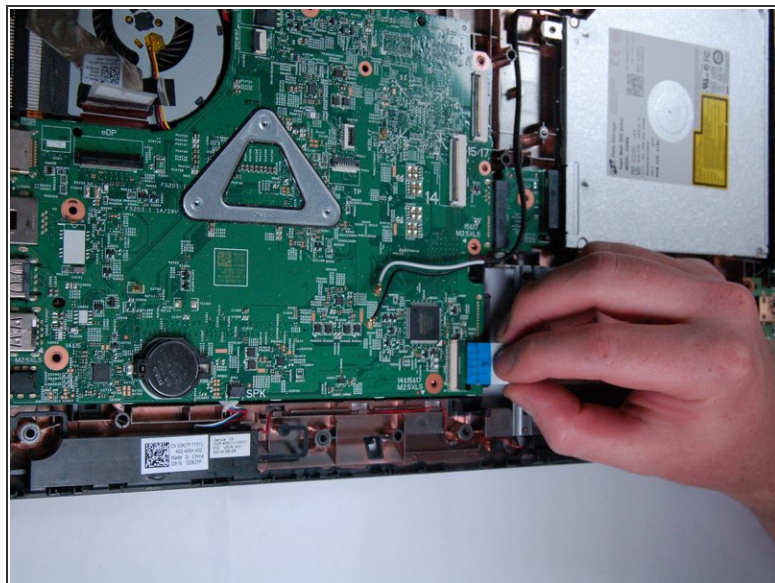
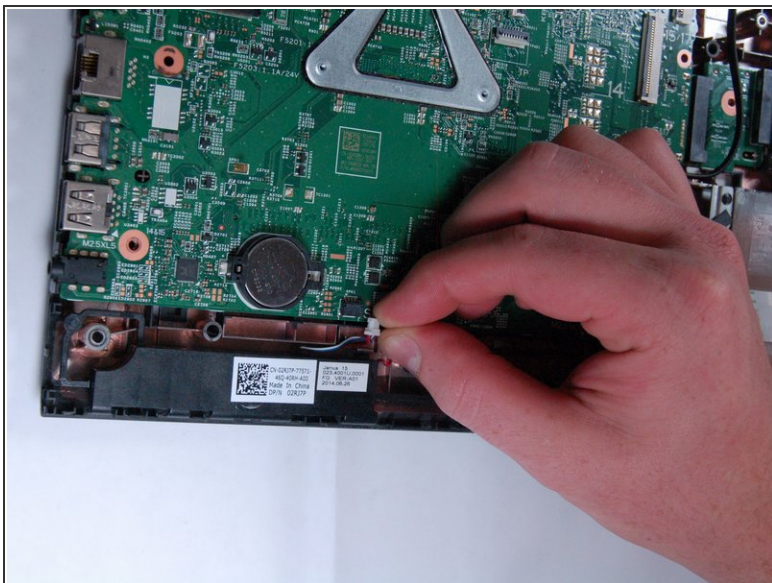
- Remove the screws. (1 x M2 x 3mm)
- Unplug the circuit board from the rest of the computer.

Step 12



- Loosen the tape on the left side of the laptop.
- Unplug the display cable.

Step 13



- Unplug the cable on the bottom part of the mother board.
- Remove the screws.
- Remove the cable on the right side of the motherboard. (3x M2.5 x 5mm)
- Remove the motherboard from the laptop.

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