



Acer Aspire 5734z-4836 Fan Replacement

How to replace the fan on the Acer Aspire 5734z-4836 laptop.

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INTRODUCTION

Cleaning the fan is an important part of laptop maintenance. The fan on the Acer Aspire 5734z-4836 is located under the circuit board, so you will first need to remove the battery, keyboard, and front panel.



TOOLS:

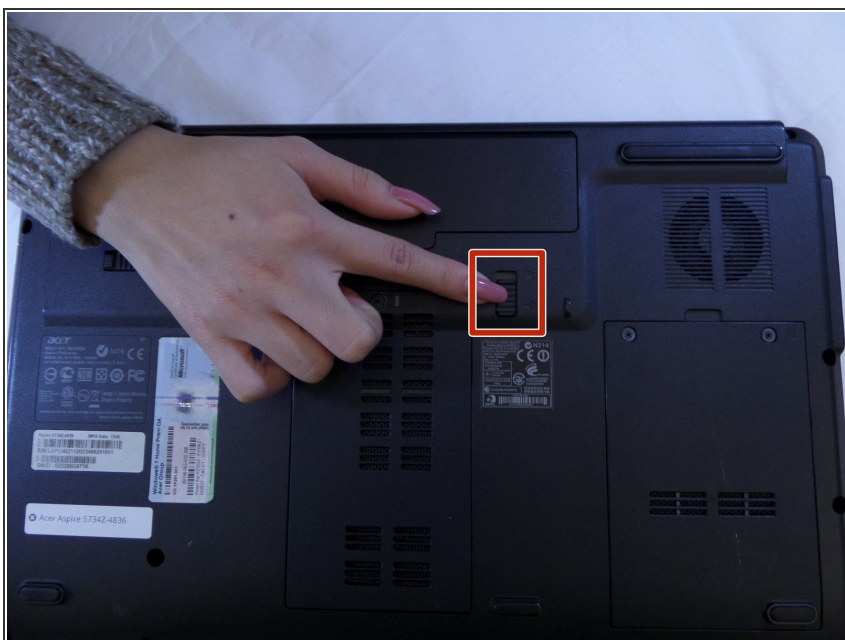
- [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Battery



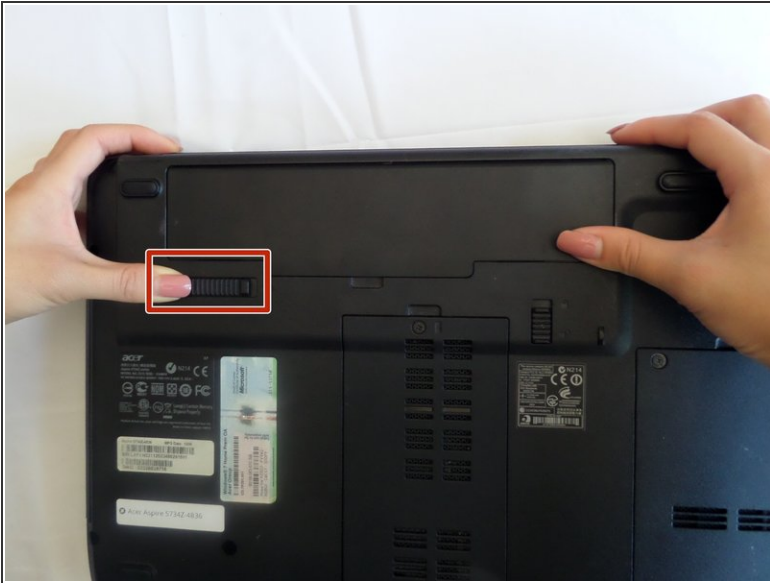
- ⚠ Before removing the battery, power off your laptop and disconnect the AC adapter.
- Flip your laptop on its back so the battery is facing up and the hinges are facing away from you.

Step 2



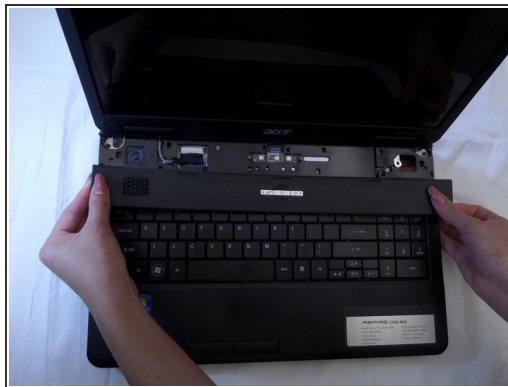
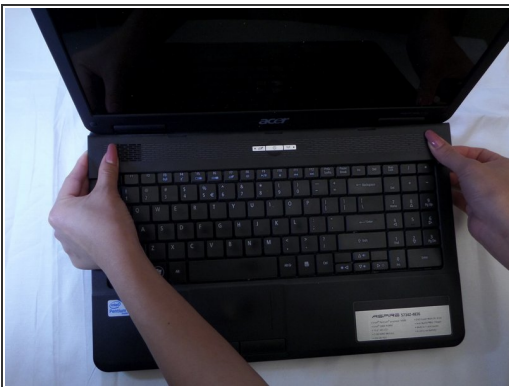
- Slide the right latch down to unlock the battery.

Step 3



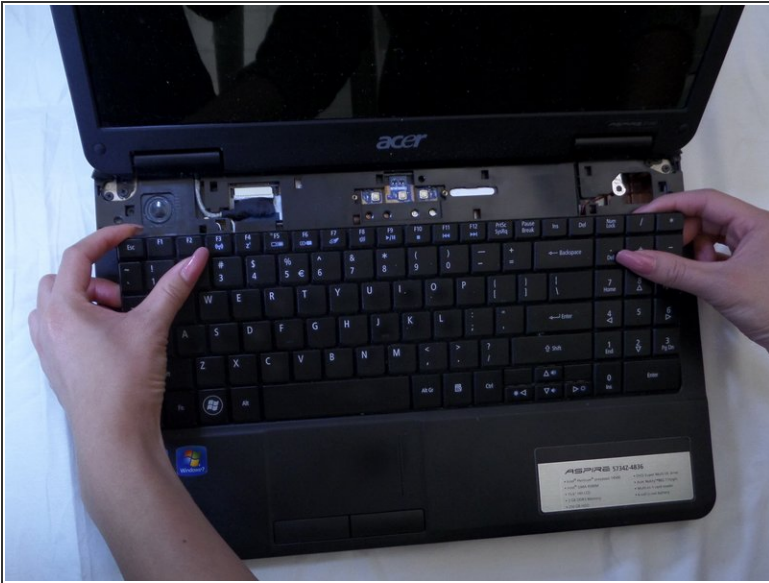
- Slide and hold the left latch below the battery.
- While holding this latch in place, pry the battery up from its bottom edge.
- Lift the old battery out of its compartment.

Step 4 — Keyboard



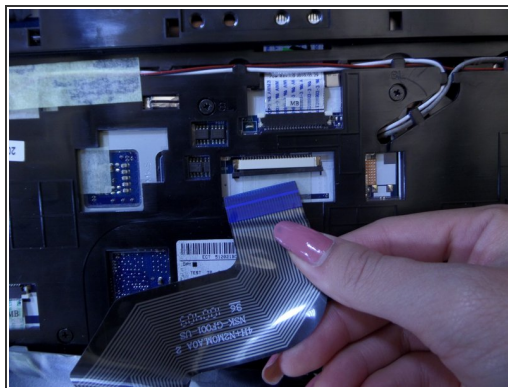
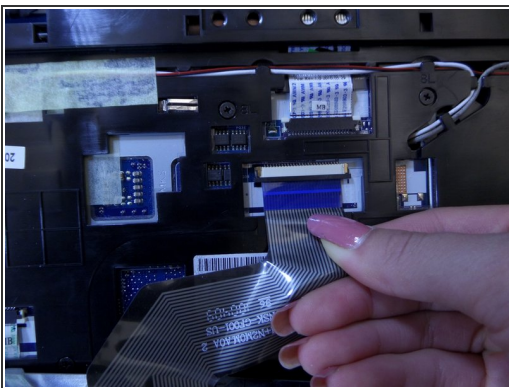
- Pinch the edges of the plastic covering above the keyboard, and pull away from the laptop until the covering pops off.
- i** By using a bit of force some clicks will be heard when removing the cover.

Step 5



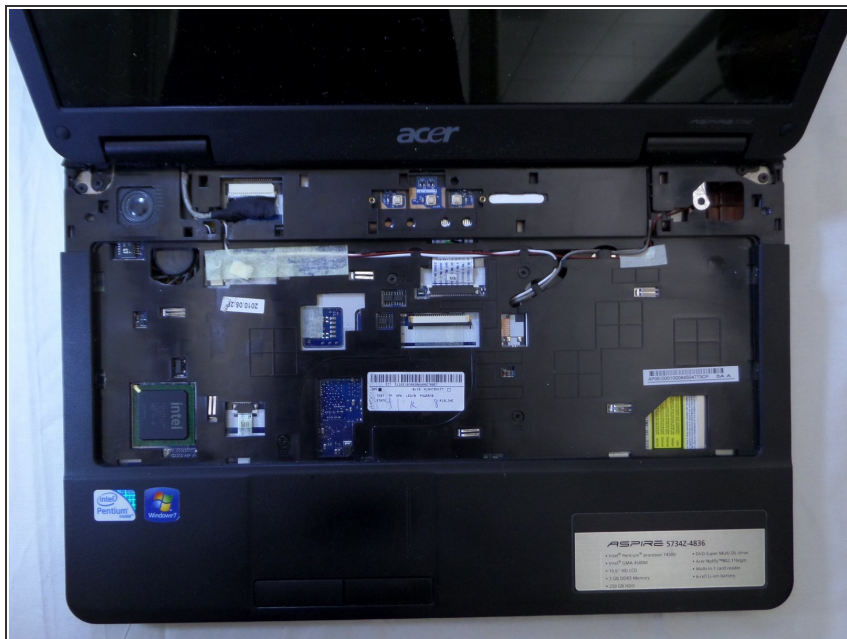
- Pull the keyboard off gently so not to damage the keyboard ribbon cable.
- ❗ Multiple clicks may be heard as you pull the keyboard off.

Step 6



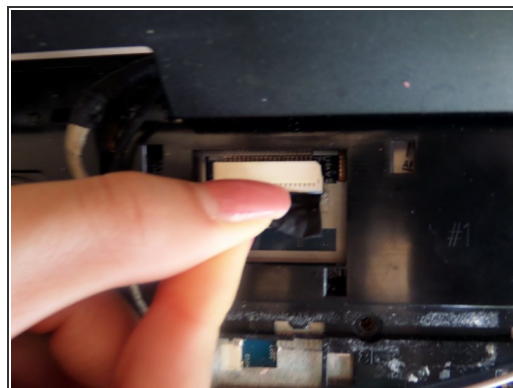
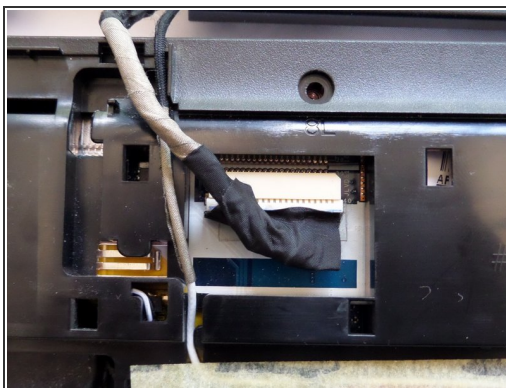
- Using a spudger or your finger, unlock the ZIF connector holding the keyboard ribbon in place by lifting the black locking lever.
- Pull the blue keyboard ribbon cable from the ZIF connector.
- ☑ When reinstalling a new keyboard, insert the ribbon in the same way the old keyboard's ribbon was removed.

Step 7 — Base Assembly



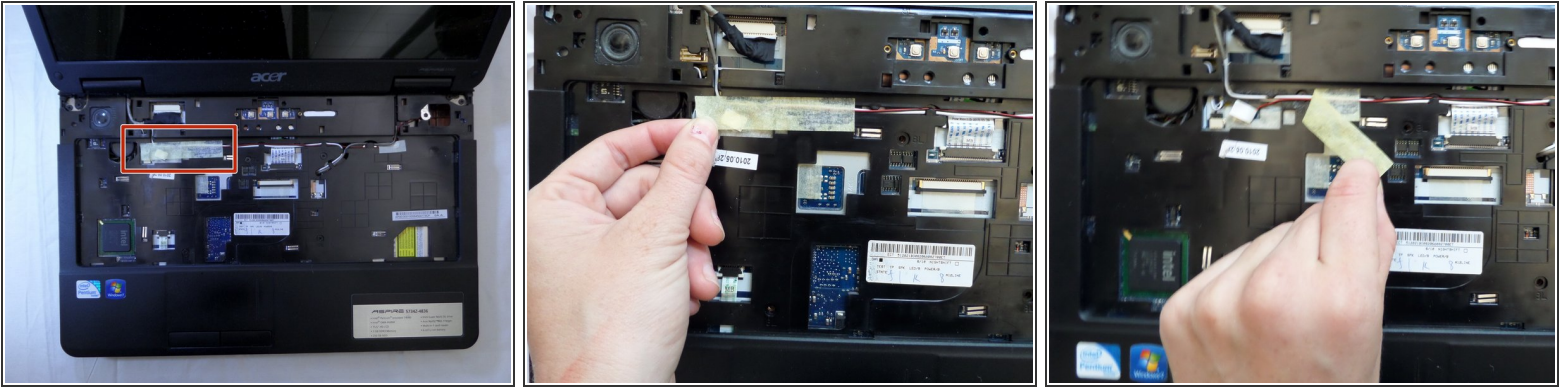
- Begin with the laptop placed on its bottom and the empty keyboard space facing you.

Step 8



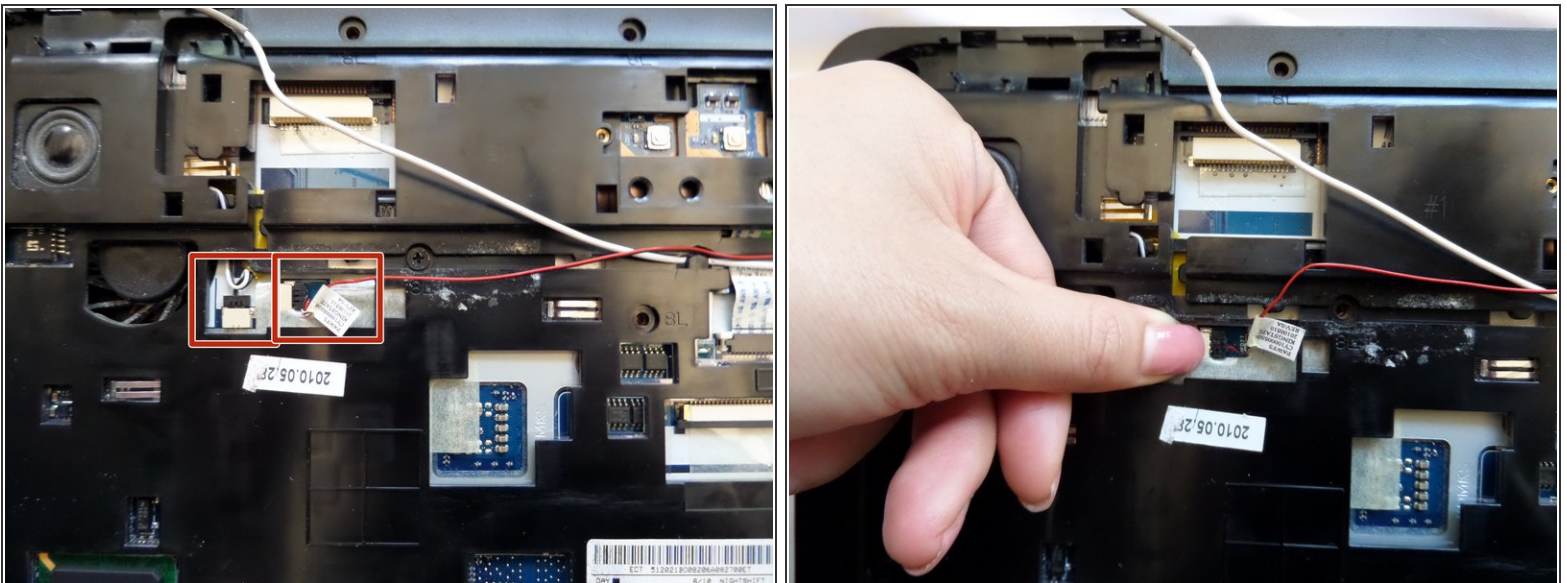
- Disconnect the screen connector in the upper left of the laptop.

Step 9



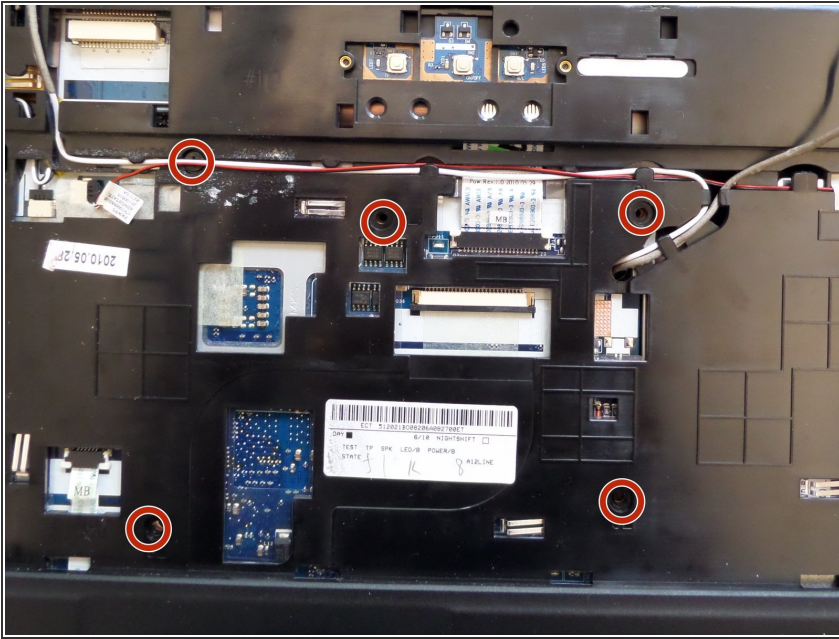
- Locate the tape on the upper left of the laptop.
- Peel off the tape, covering the red-and-black wire connector and the white-and-black speaker wires.

Step 10



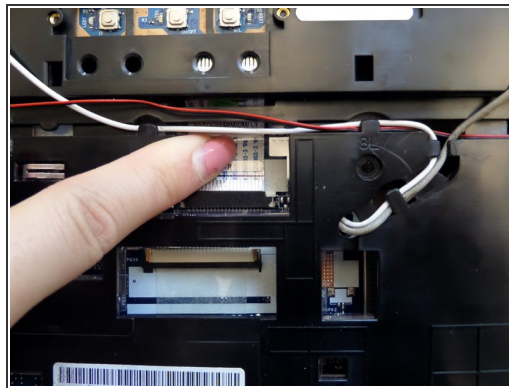
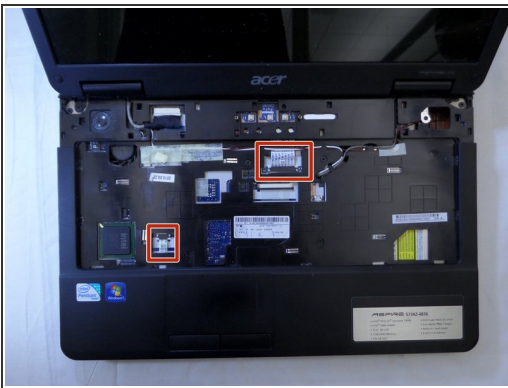
- Gently disconnect the red-and-black wire connector and the white-and-black speaker wires from the upper-left.

Step 11



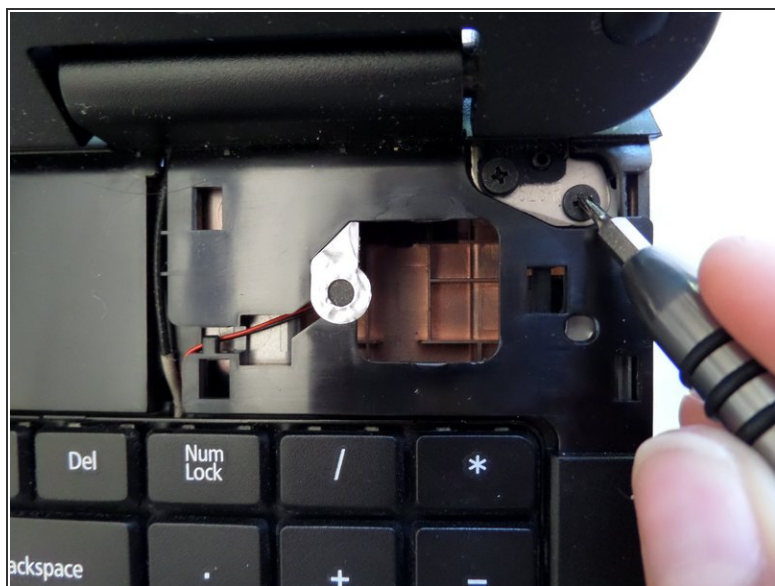
- Remove the 5 screws in the middle of the laptop using a #00 Phillips Screwdriver.
- ❗ In order to access the screw in the upper left corner, you may have to gently move the red and white wires.

Step 12



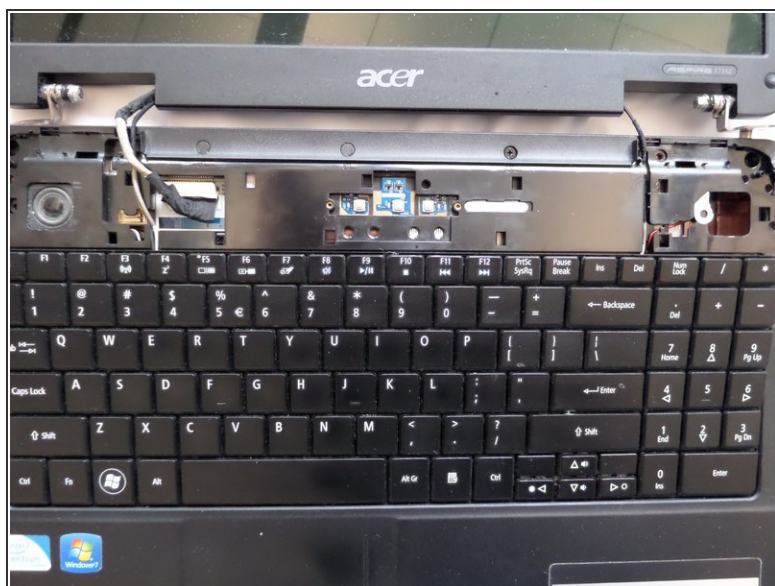
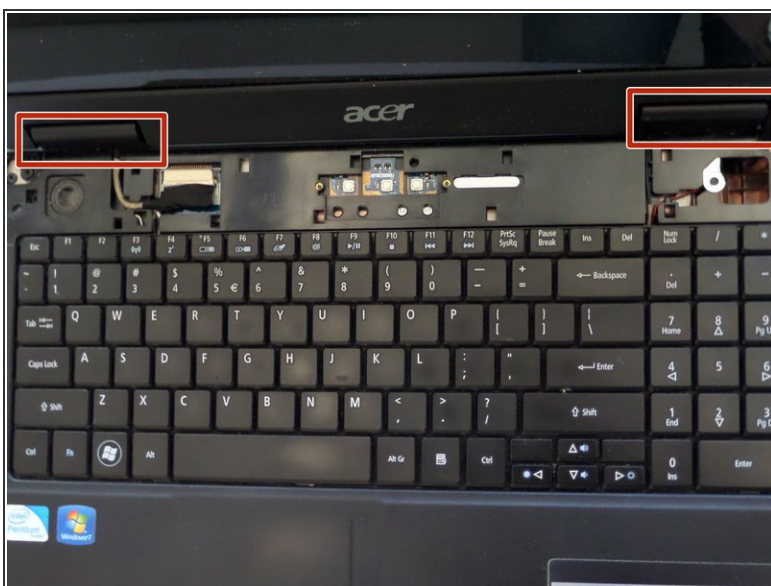
- Disconnect the two blue and white ribbons by applying pressure downward and pushing them out of their sockets.

Step 13



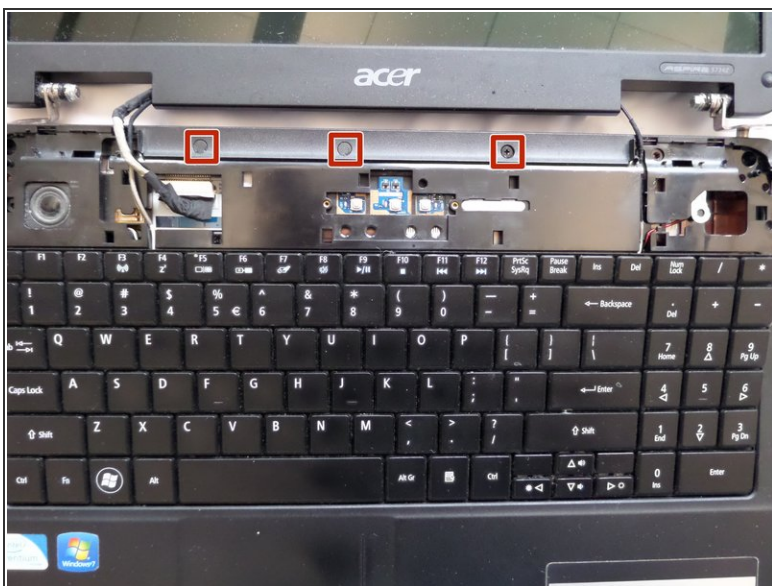
- Remove the four screws from the upper corners of the laptop using a Phillips #00 screwdriver.
- The two metal and two plastic connectors will come free. Save them in a safe place.

Step 14



- Pop off the black plastic hinge coverings.

Step 15



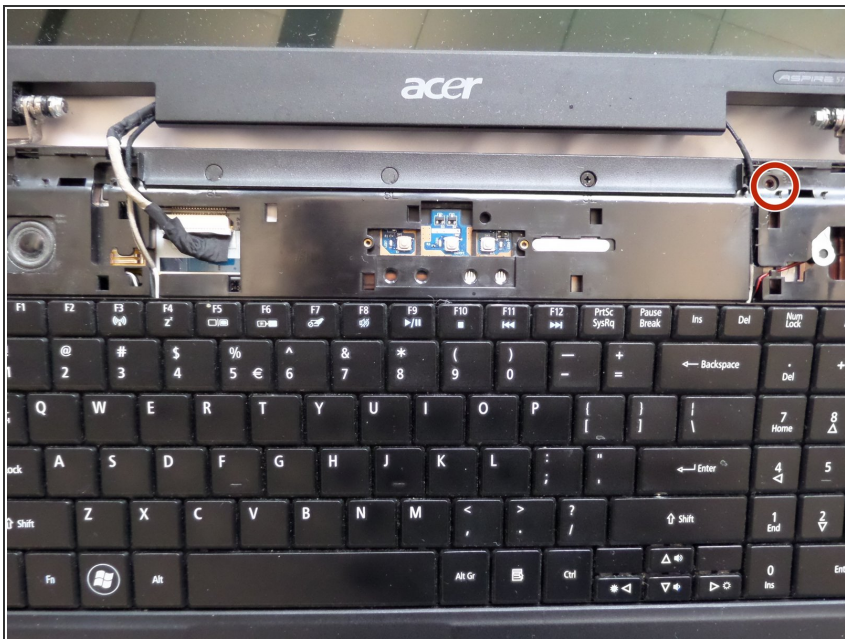
- Peel away the sticky plastic coverings with tweezers.

Step 16



- Remove the three screws with a #00 Philips Screwdriver.

Step 17



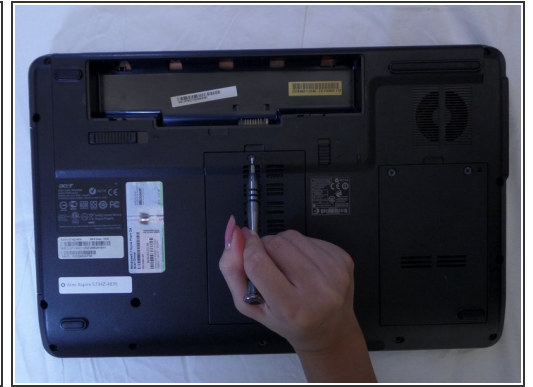
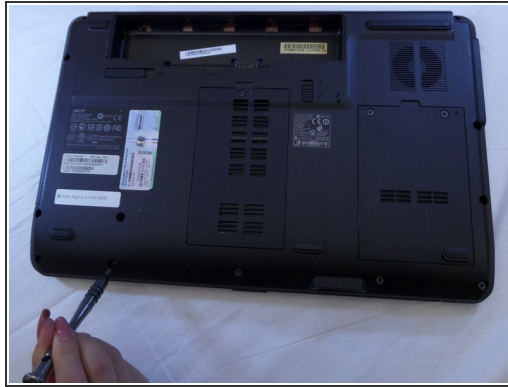
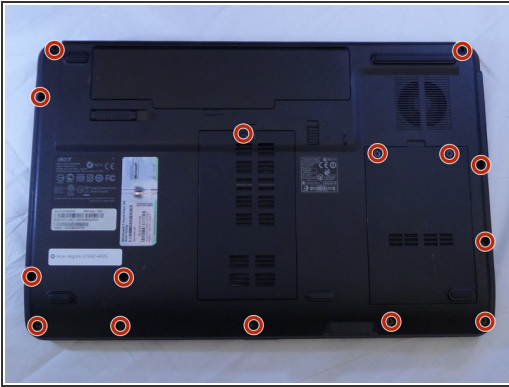
- Remove the single screw next to the right hinge with a #00 Phillips Screwdriver.

Step 18



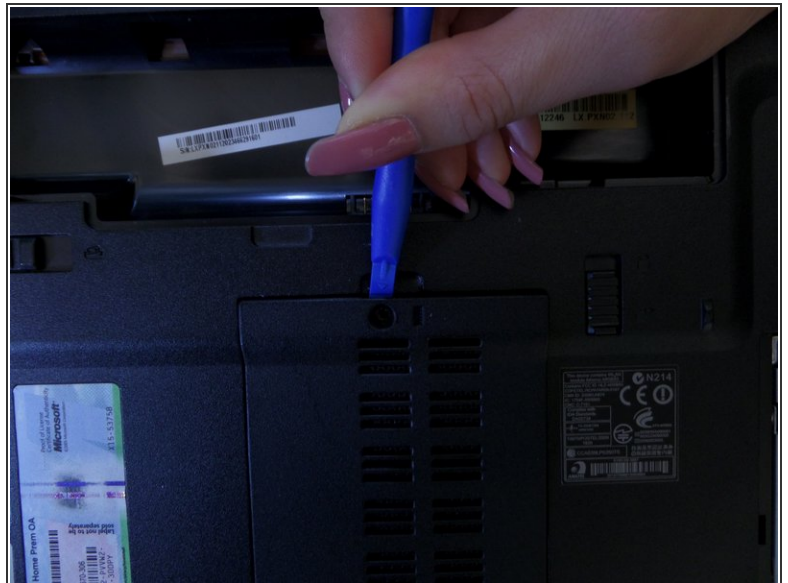
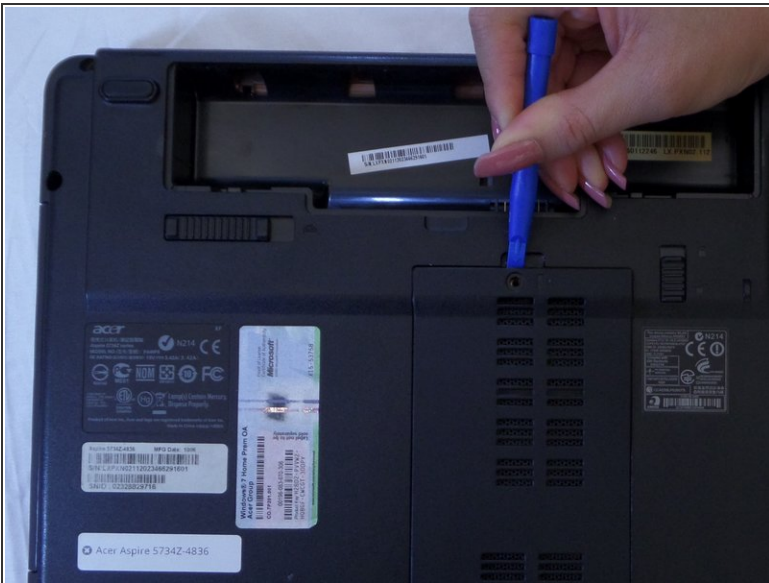
- Flip the device so the bottom of the laptop is face-up.

Step 19



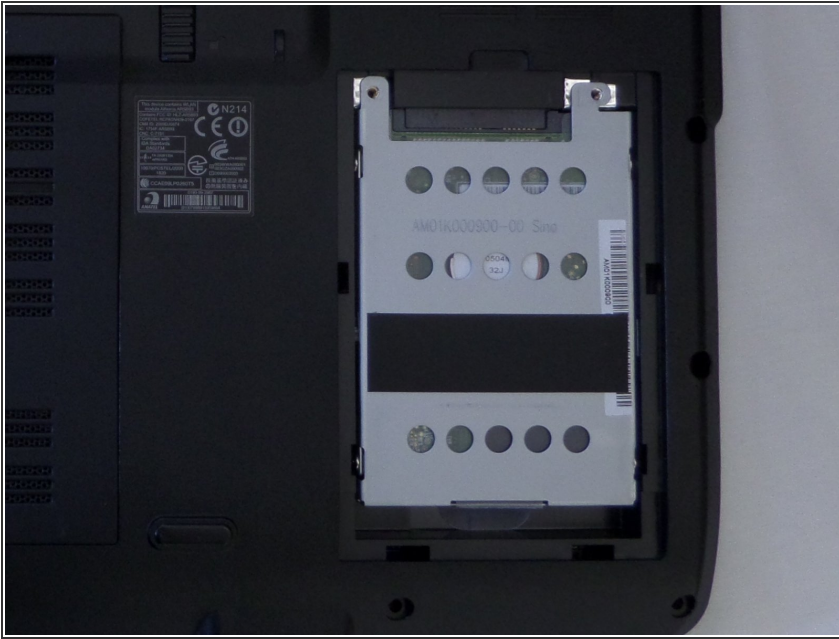
- Remove the fifteen screws from the back of the laptop with a Phillips #00 Screwdriver.

Step 20



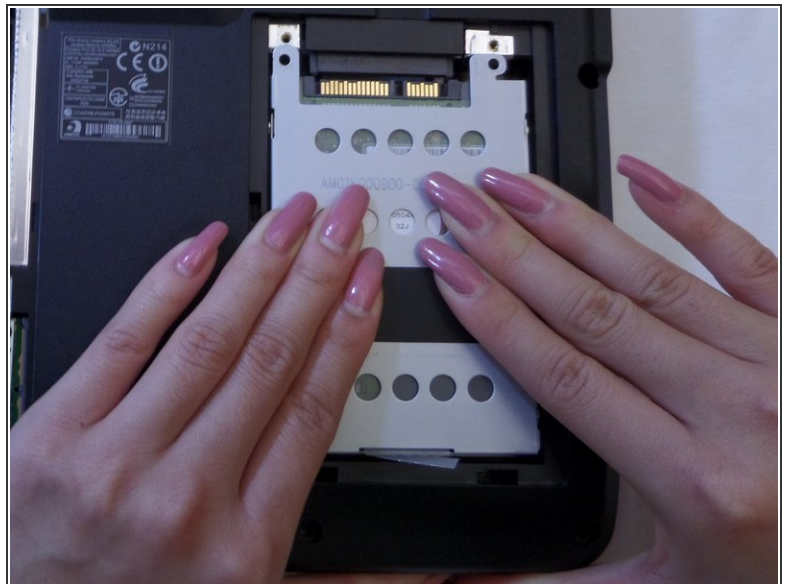
- Pry mid-back panel off.
- i Use a plastic opening tool.

Step 21



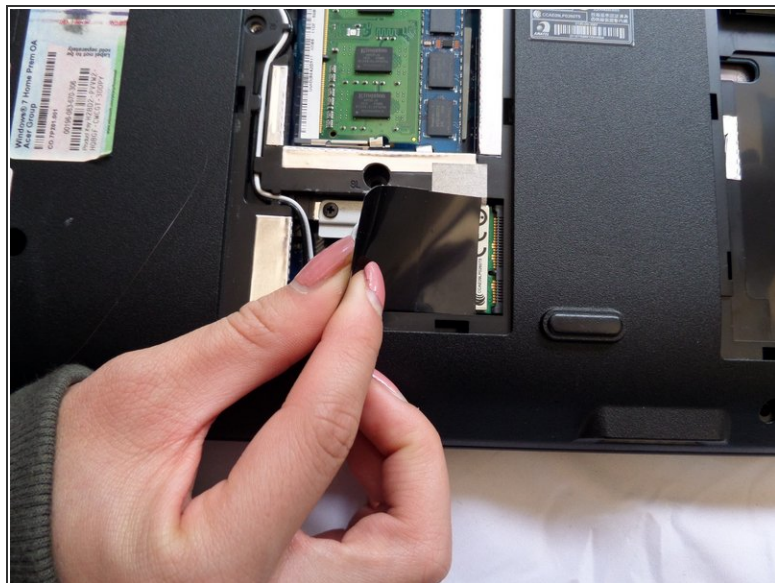
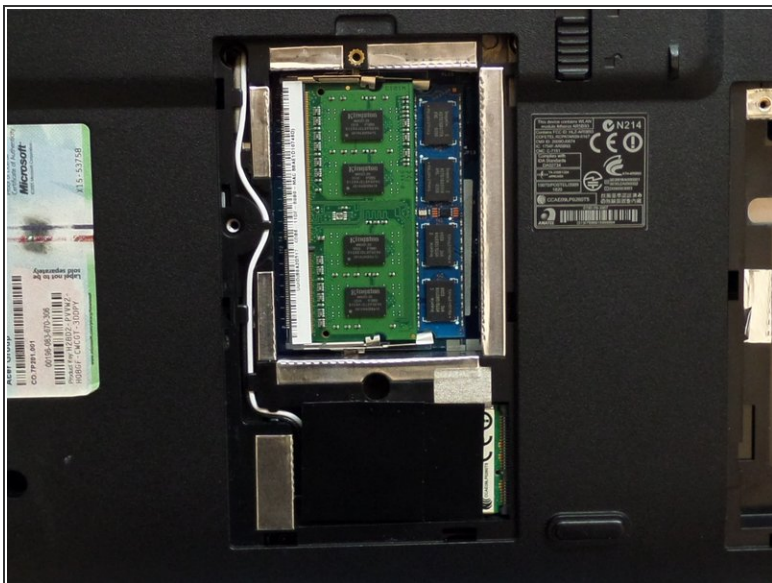
- Lift the hard-drive cover in the bottom right corner off the laptop.

Step 22



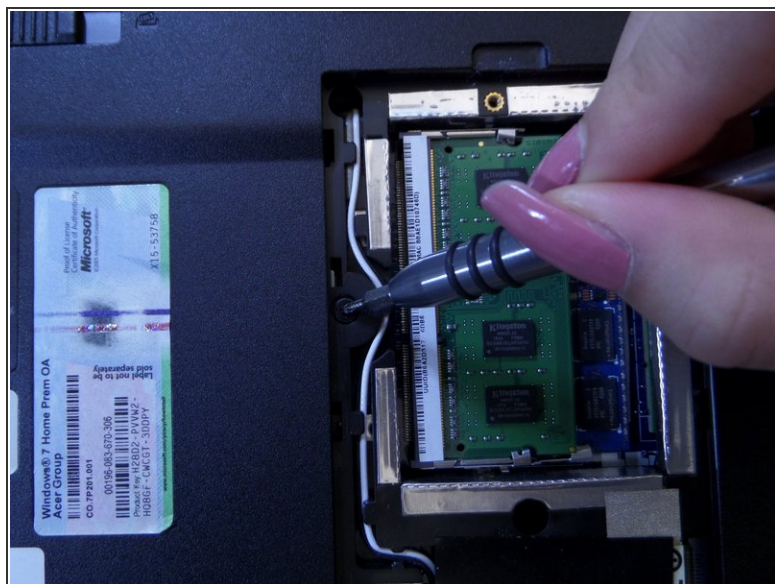
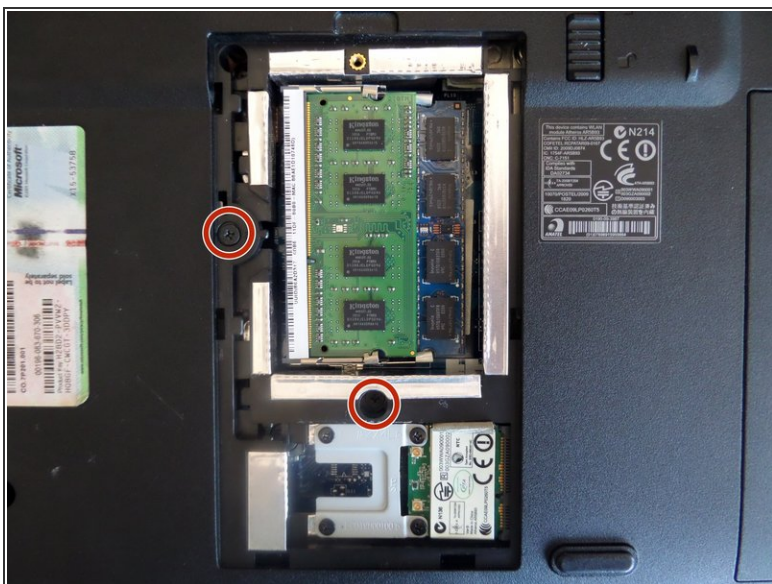
- Slide down the hard-drive out of the laptop.

Step 23



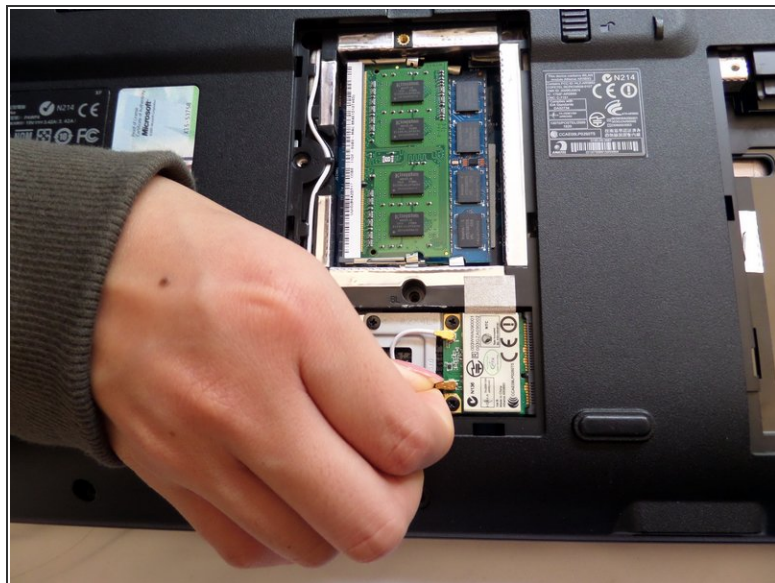
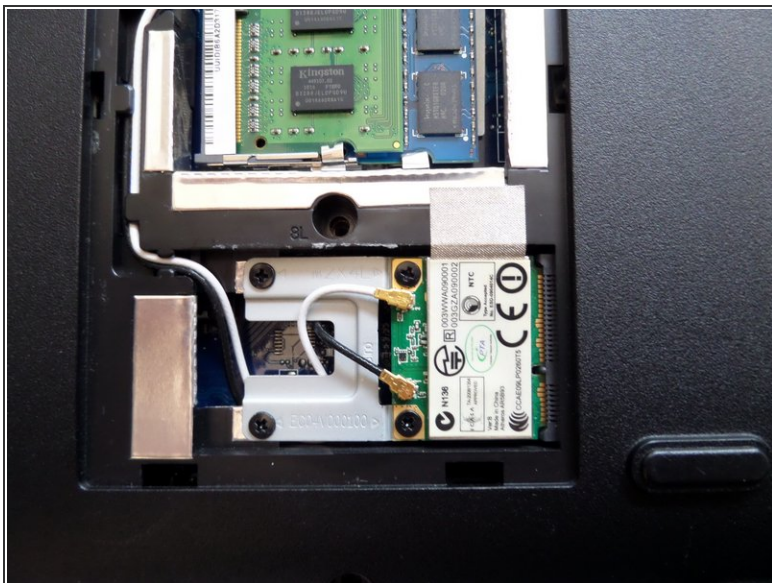
- Peel away the black plastic covering under the mid-back panel.

Step 24



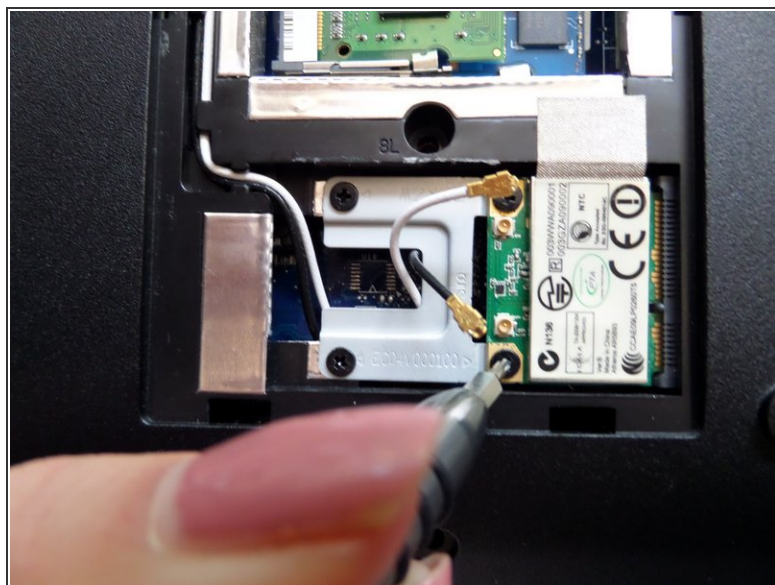
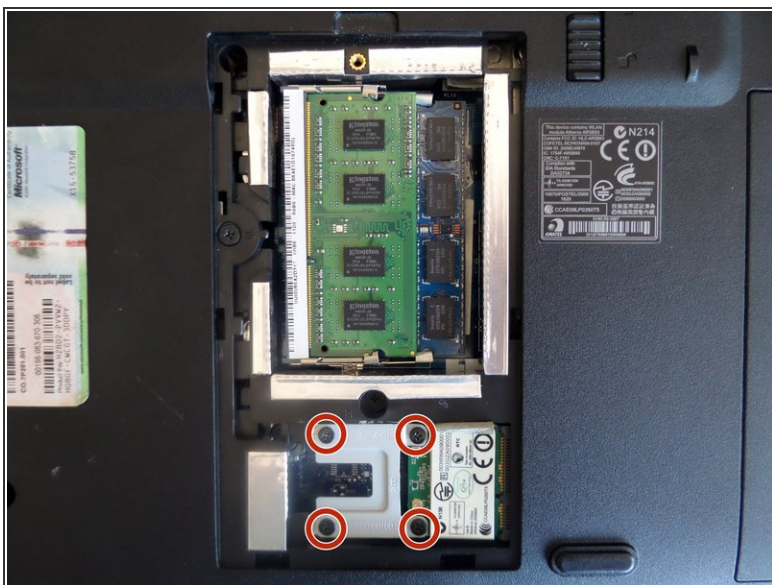
- Remove the two screws on the left and bottom of the circuit board with a #00 Phillips Screwdriver.

Step 25



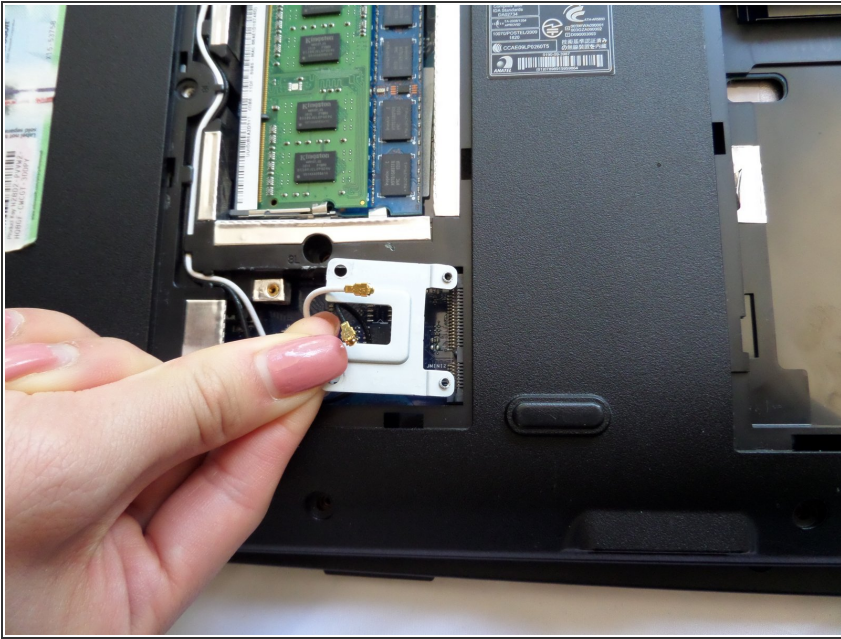
- Disconnect the black and white wires on the small circuit board by gently pulling them out of their sockets.

Step 26



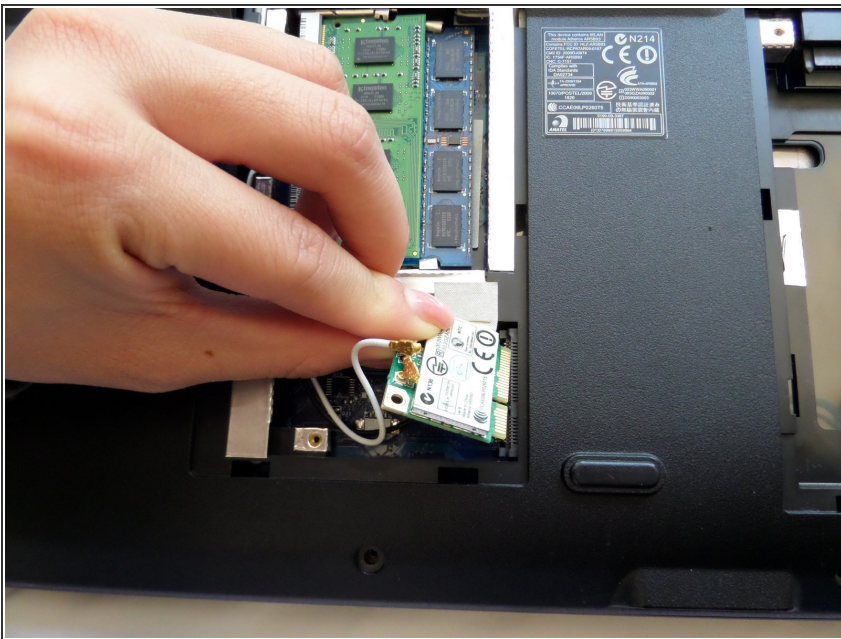
- Remove the four screws from the metal piece beneath the circuit with a Phillips #000 Screwdriver.

Step 27



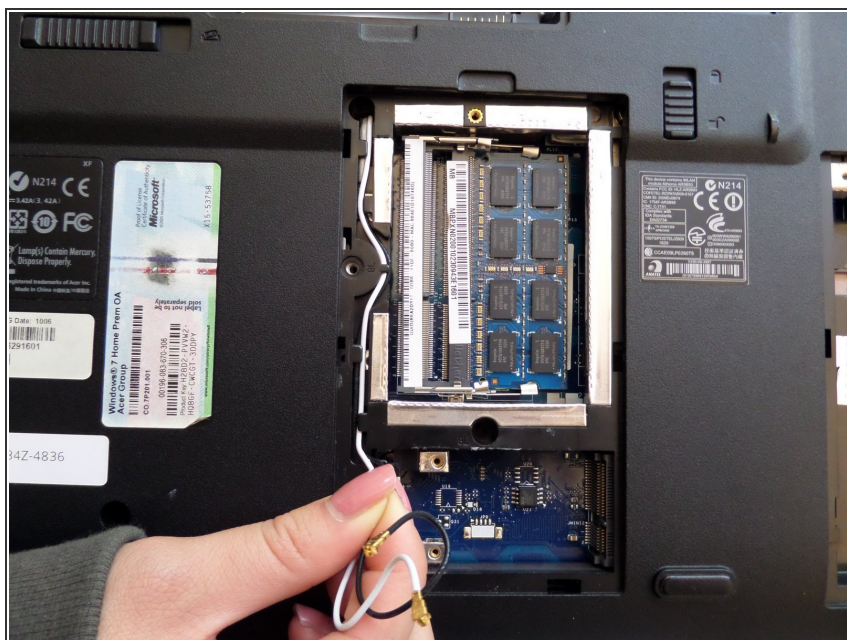
- Lift the metal plate free and place it somewhere for safe-keeping.

Step 28



- The small circuit board will pop up easily. Carefully remove it

Step 29



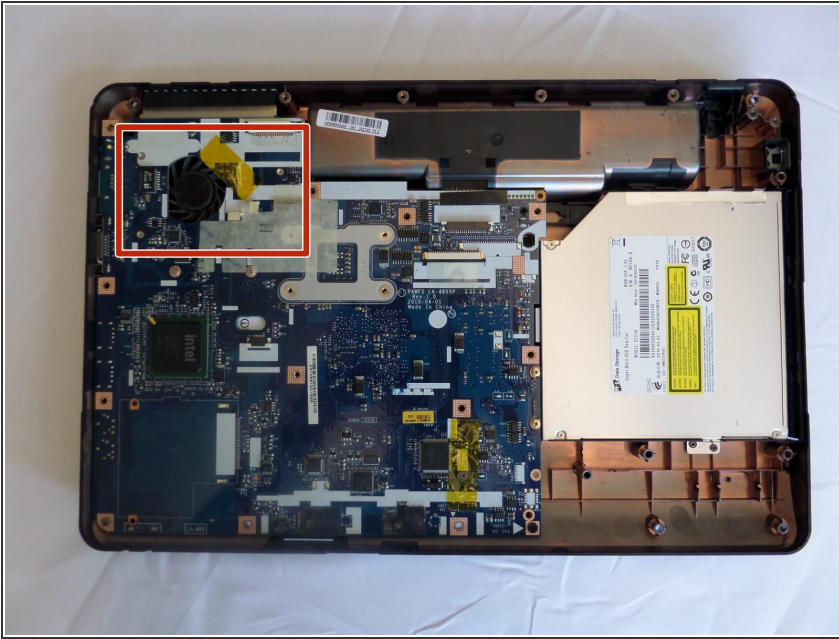
- Gently extract the black and white wires. They will pull free from the base through the hole in the upper left corner.

Step 30



- Flip to the front and gently lift the front of the laptop off of the base.
- ⓘ Some wires will be pulled up from the base so be careful not to pull it away too quickly.

Step 31 — Fan



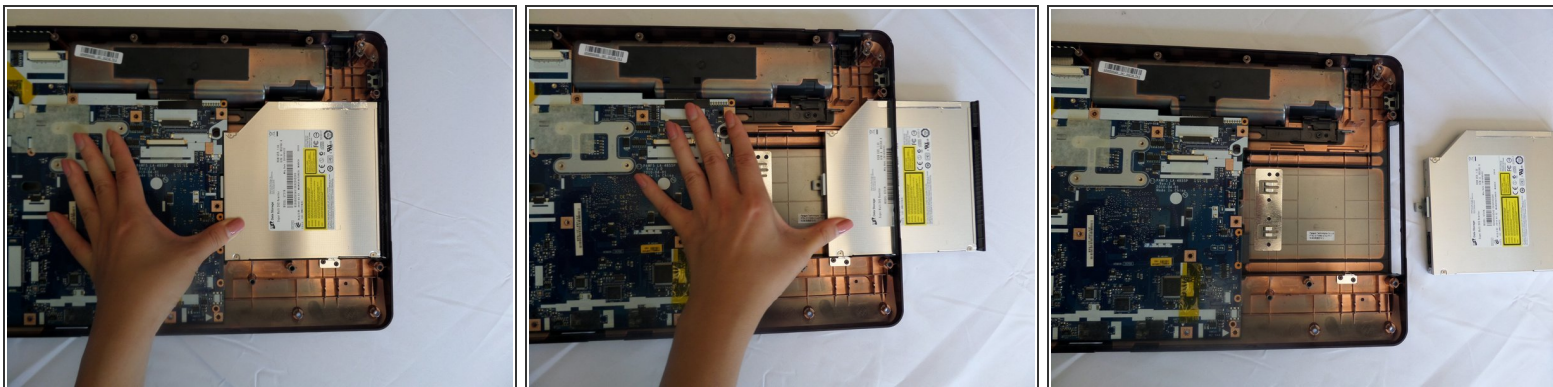
- Position the back panel so that the circuit board is face-up.
- Location of the fan is in the upper-left corner.

Step 32




- Unscrew five screws from the circuit board using a #00 Phillips screwdriver.
- ⓘ Two screws are located below the fan, and three are along the circuit board's right edge.
- ⓘ Take note of the one black screw that goes in the lower-right corner.

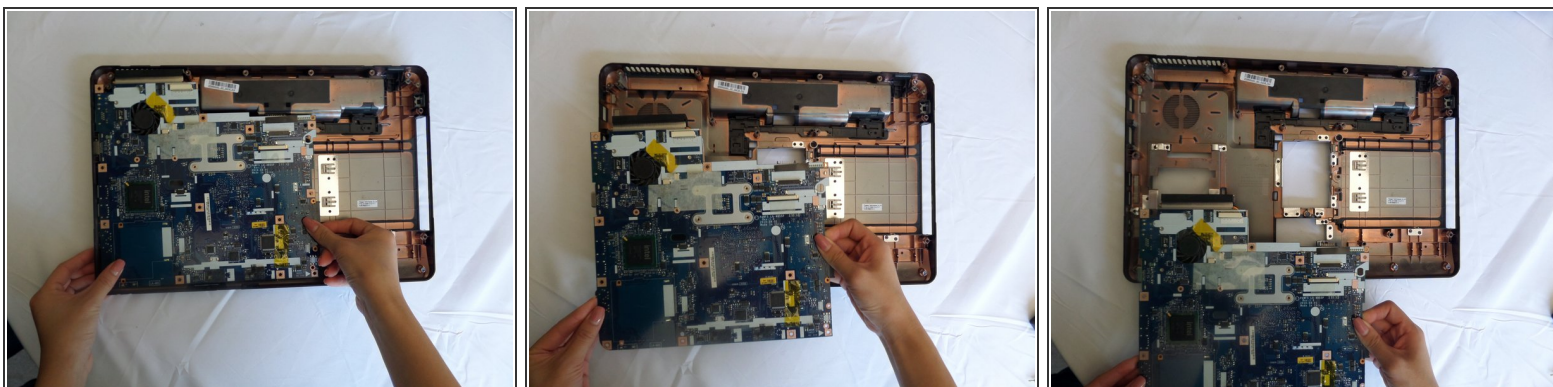
Step 33



- The large, silver box next to the circuit board is the optical disk drive, gently slide to the right to remove it.

 Do not apply too much pressure on the optical disk drive, as you may risk damaging the disk drive's connector.

Step 34



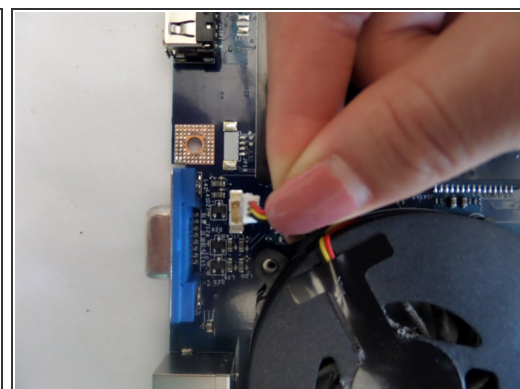
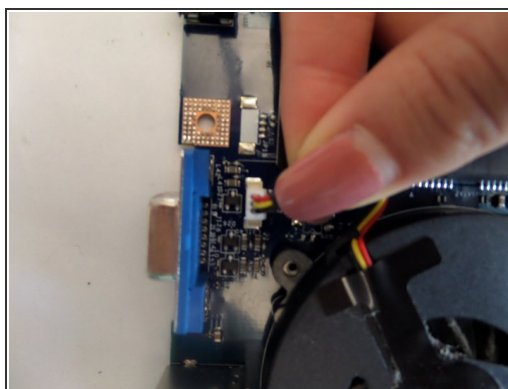
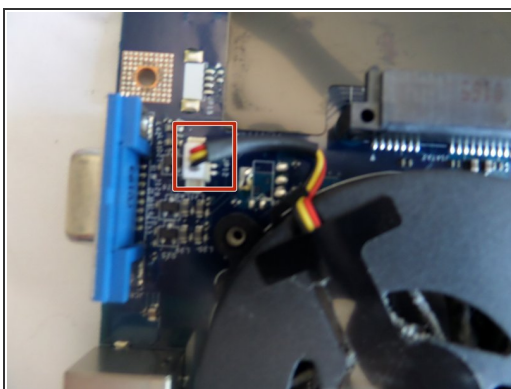
- Lift the circuit board out of the back panel and turn it over so the fan is facing up.

Step 35



- Locate the three screws around the fan
- ① Gently extract three fan screws using #0 Phillips.

Step 36



- Disconnect the white fan connector.
- Grip gently the wire and pull the wires up toward you.

Step 37



- Remove the fan from the circuit board.
- ⓘ Due to the accumulated dust inside the fan, you may want to use a small brush to clean off dust.

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