



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:

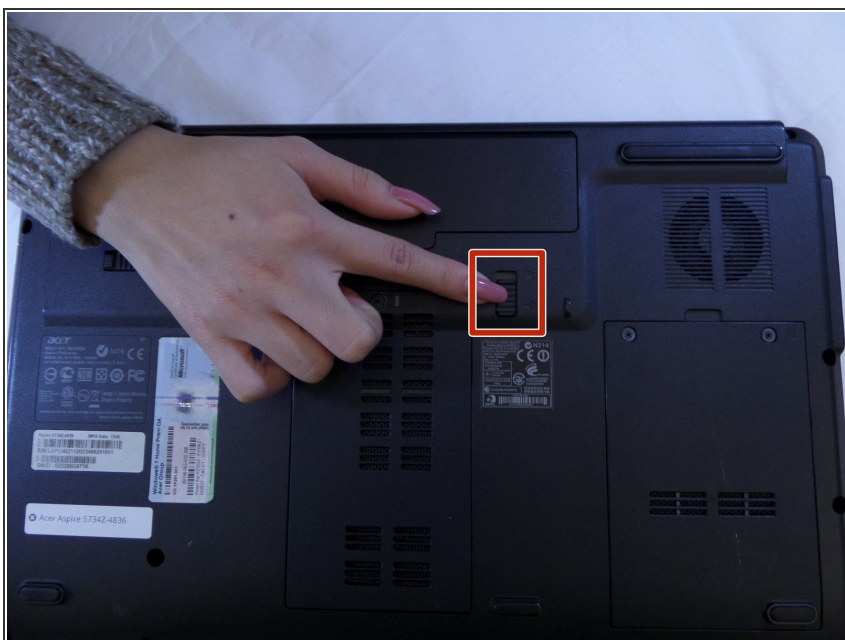
- [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Battery



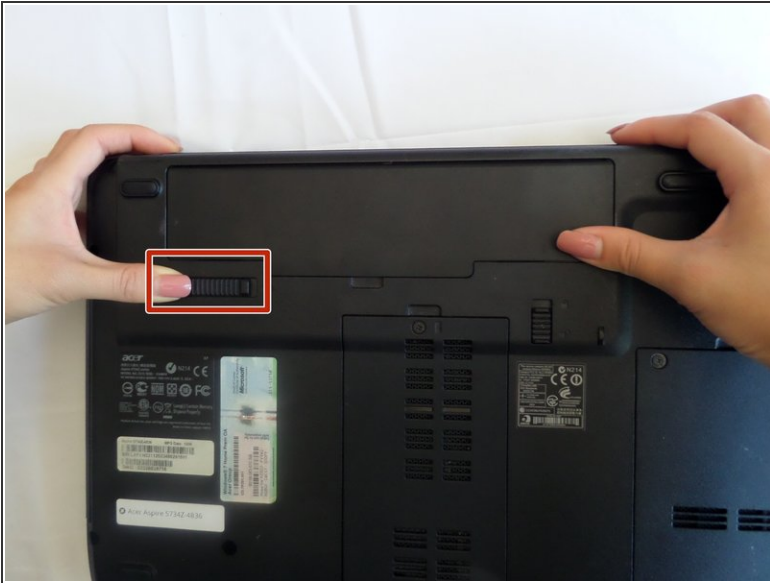
- ⚠ Before removing the battery, power off your laptop and disconnect the AC adapter.
- Flip your laptop on its back so the battery is facing up and the hinges are facing away from you.

Step 2



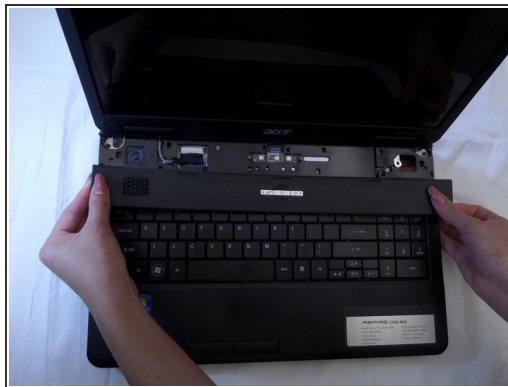
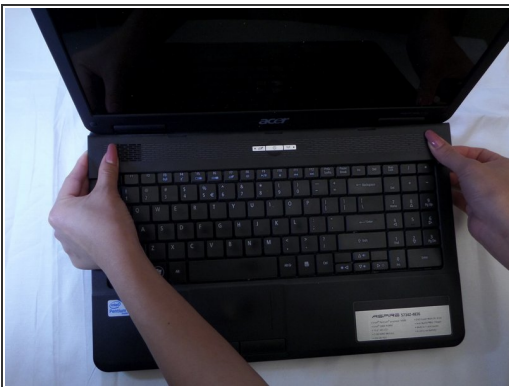
- Slide the right latch down to unlock the battery.

Step 3



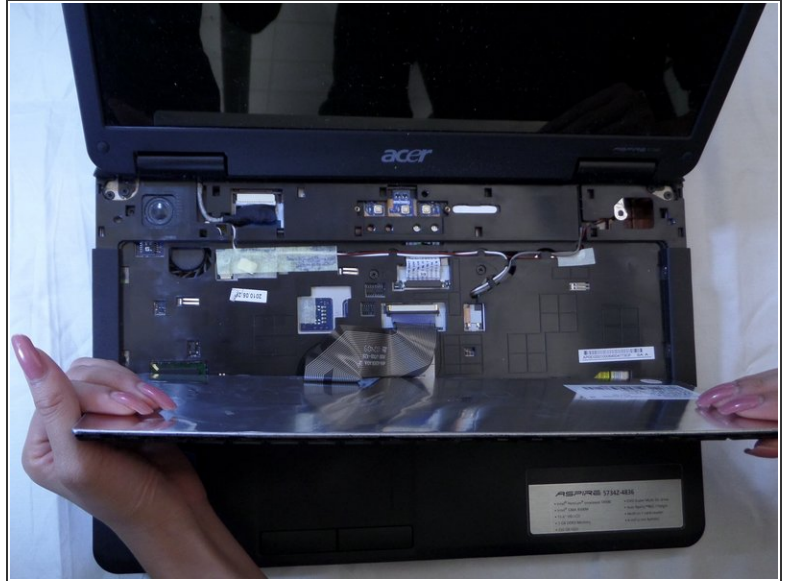
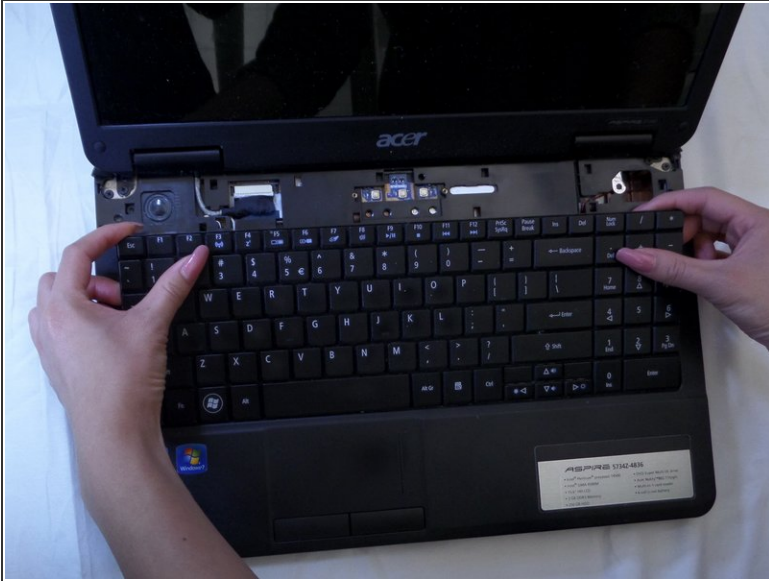
- Slide and hold the left latch below the battery.
- While holding this latch in place, pry the battery up from its bottom edge.
- Lift the old battery out of its compartment.

Step 4 — Keyboard



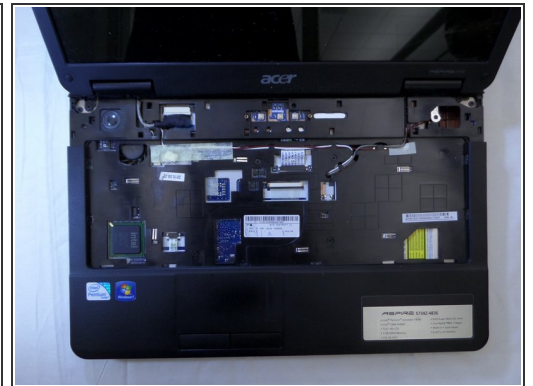
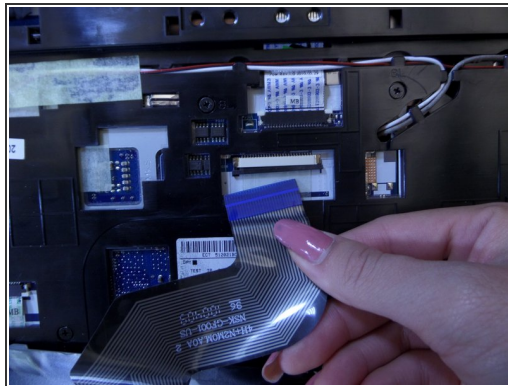
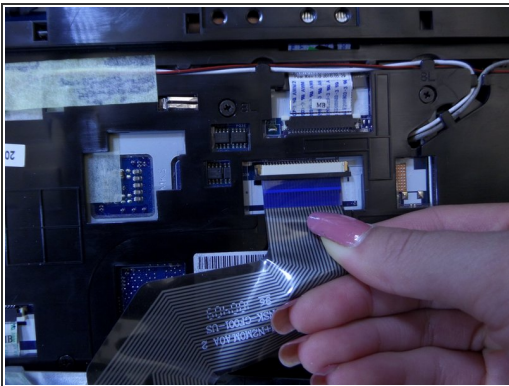
- Pinch the edges of the plastic covering above the keyboard, and pull away from the laptop until the covering pops off.
- i** By using a bit of force some clicks will be heard when removing the cover.

Step 5



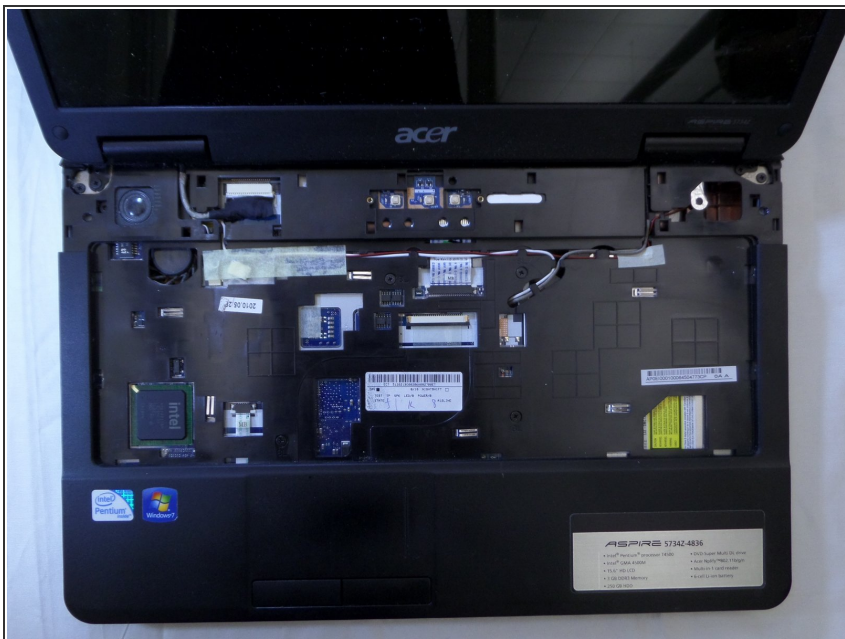
- Pull the keyboard off gently so not to damage the keyboard ribbon cable.
- ❗ Multiple clicks may be heard as you pull the keyboard off.

Step 6



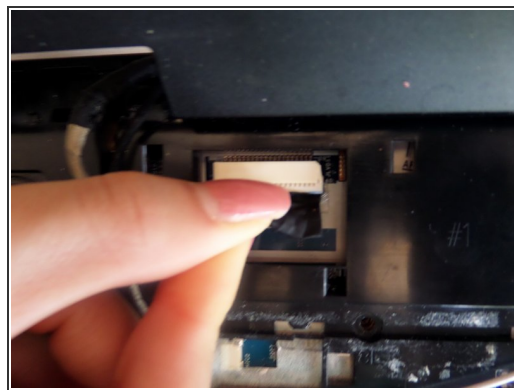
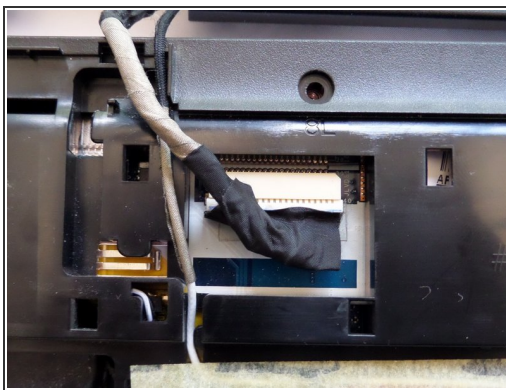
- Using a spudger or your finger, unlock the ZIF connector holding the keyboard ribbon in place by lifting the black locking lever.
- Pull the blue keyboard ribbon cable from the ZIF connector.
- ☑ When reinstalling a new keyboard, insert the ribbon in the same way the old keyboard's ribbon was removed.

Step 7 — Base Assembly



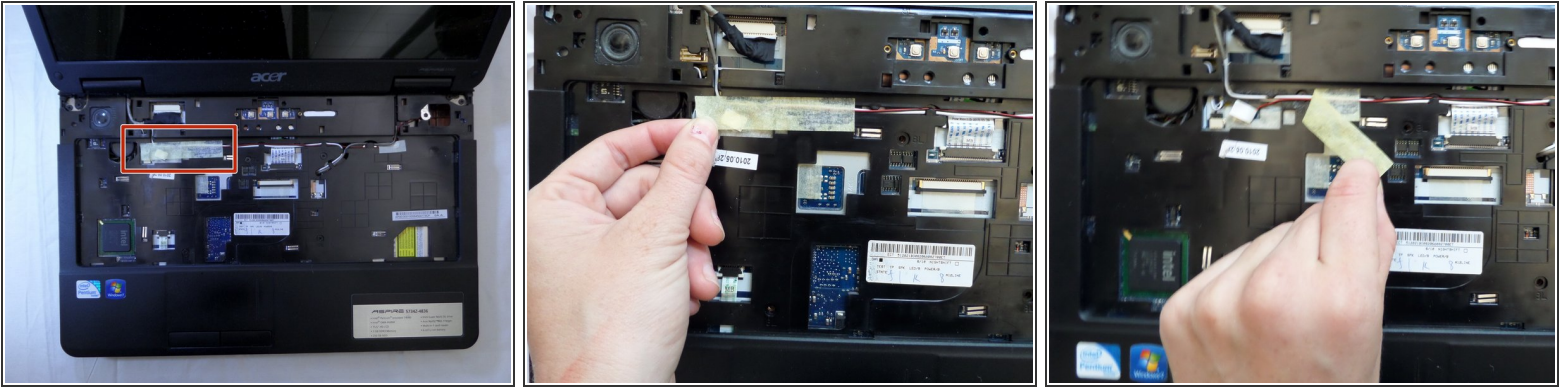
- Begin with the laptop placed on its bottom and the empty keyboard space facing you.

Step 8



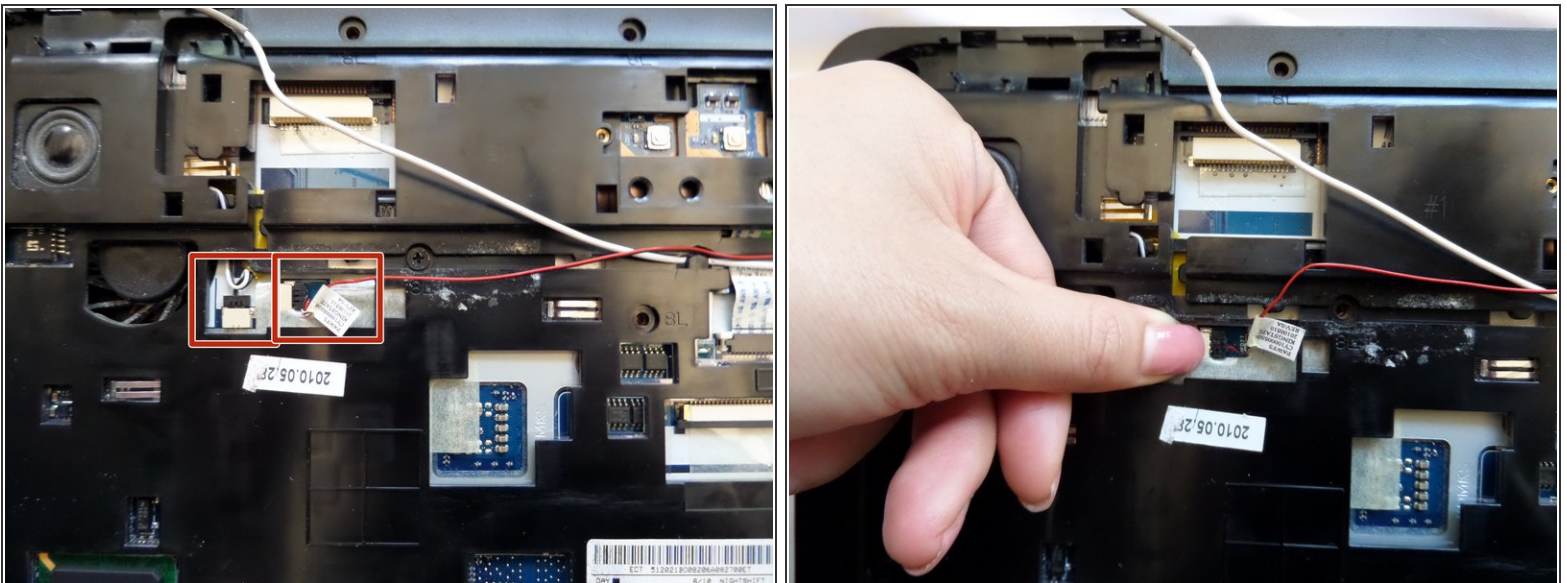
- Disconnect the screen connector in the upper left of the laptop.

Step 9



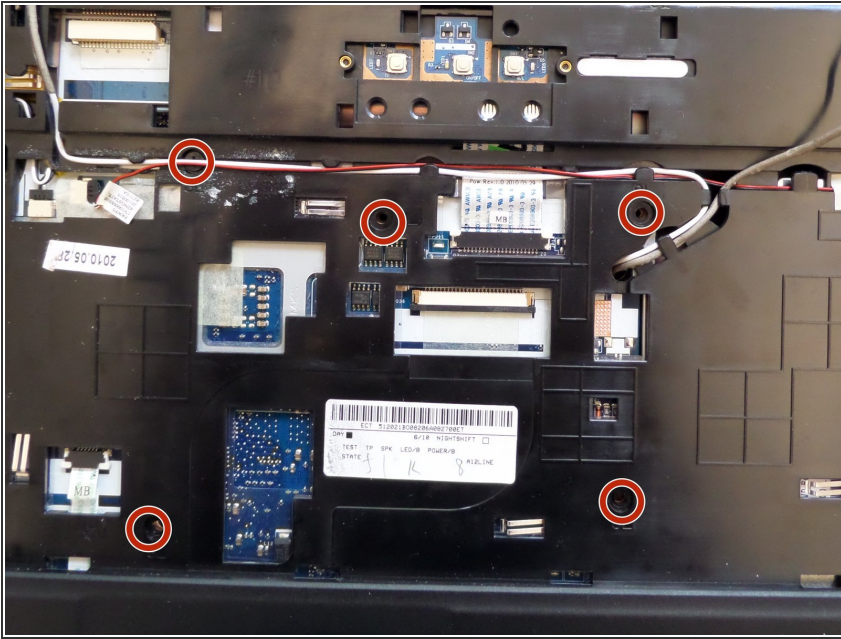
- Locate the tape on the upper left of the laptop.
- Peel off the tape, covering the red-and-black wire connector and the white-and-black speaker wires.

Step 10



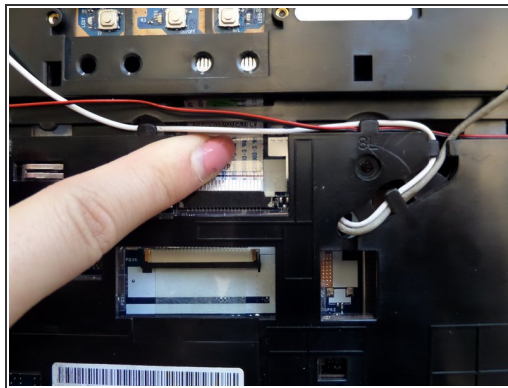
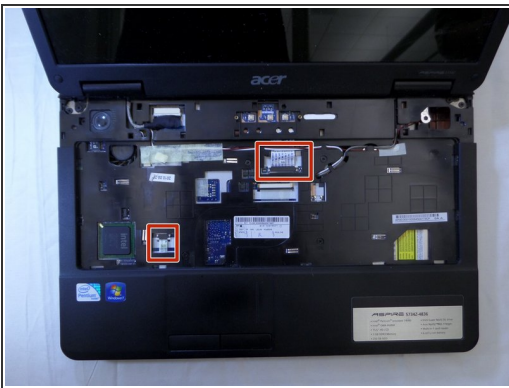
- Gently disconnect the red-and-black wire connector and the white-and-black speaker wires from the upper-left.

Step 11



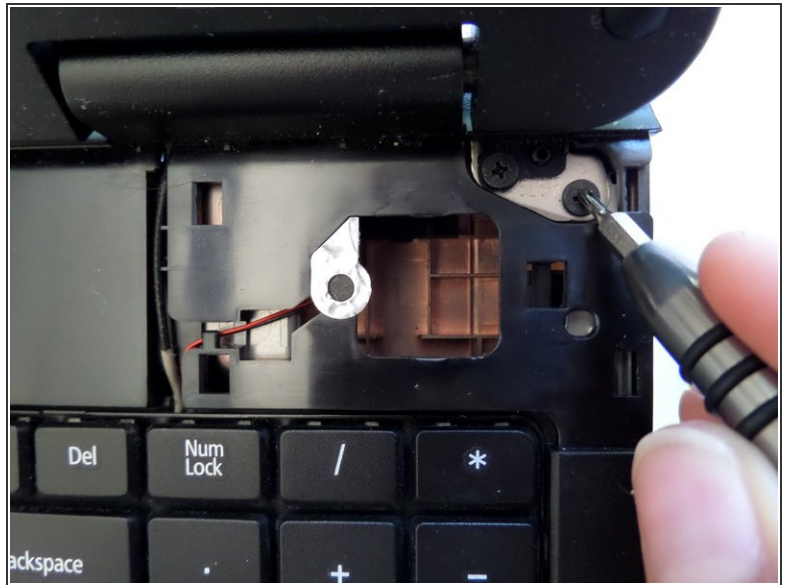
- Remove the 5 screws in the middle of the laptop using a #00 Phillips Screwdriver.
- ⓘ In order to access the screw in the upper left corner, you may have to gently move the red and white wires.

Step 12



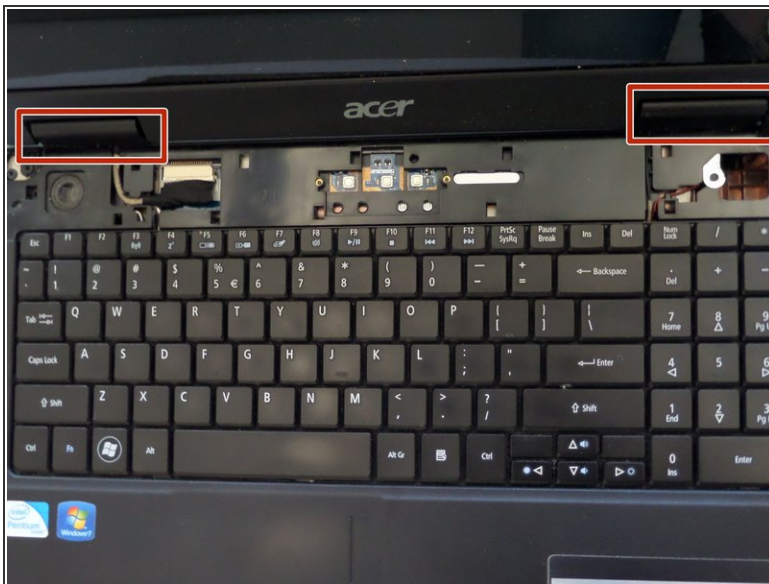
- Disconnect the two blue and white ribbons by applying pressure downward and pushing them out of their sockets.

Step 13



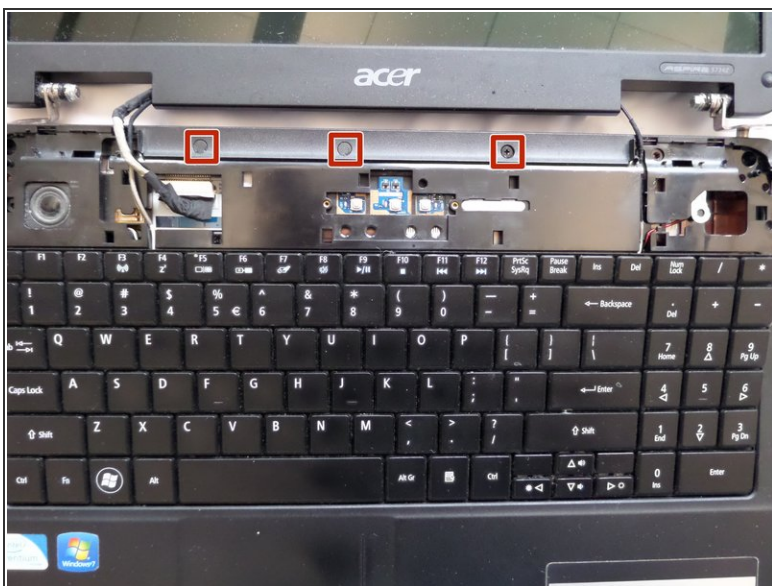
- Remove the four screws from the upper corners of the laptop using a Phillips #00 screwdriver.
- The two metal and two plastic connectors will come free. Save them in a safe place.

Step 14



- Pop off the black plastic hinge coverings.

Step 15



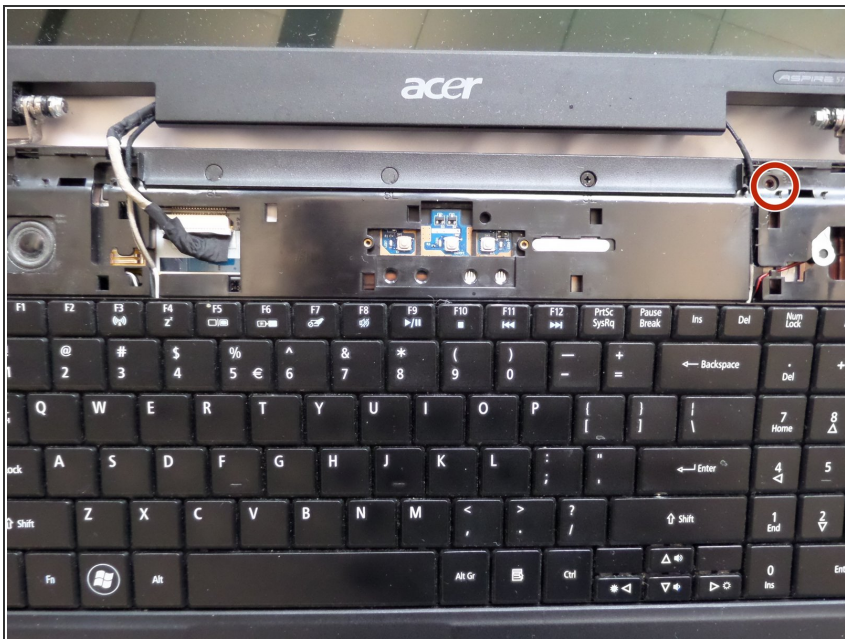
- Peel away the sticky plastic coverings with tweezers.

Step 16



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

Step 17



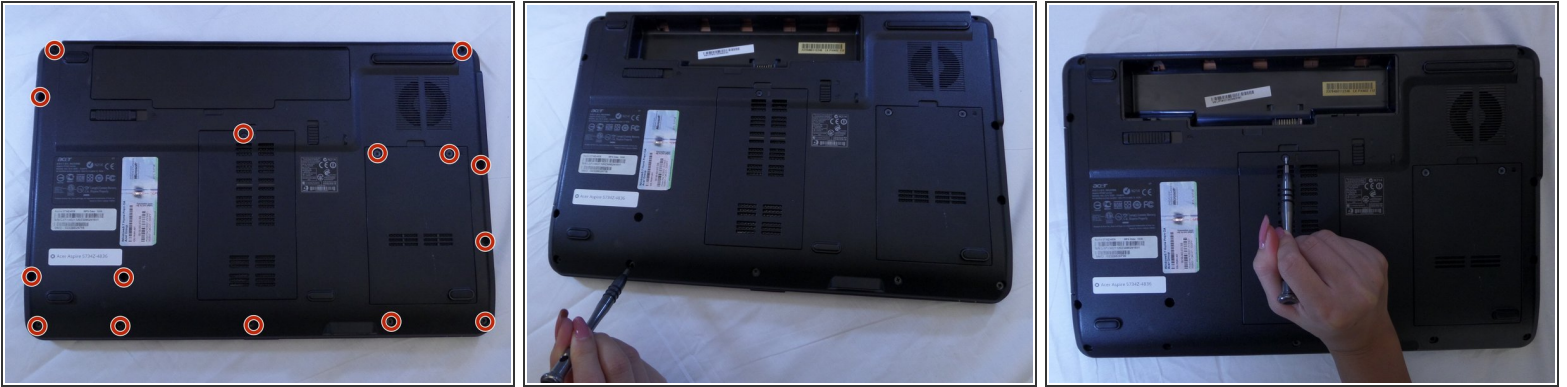
- Remove the single screw next to the right hinge with a #00 Phillips Screwdriver.

Step 18



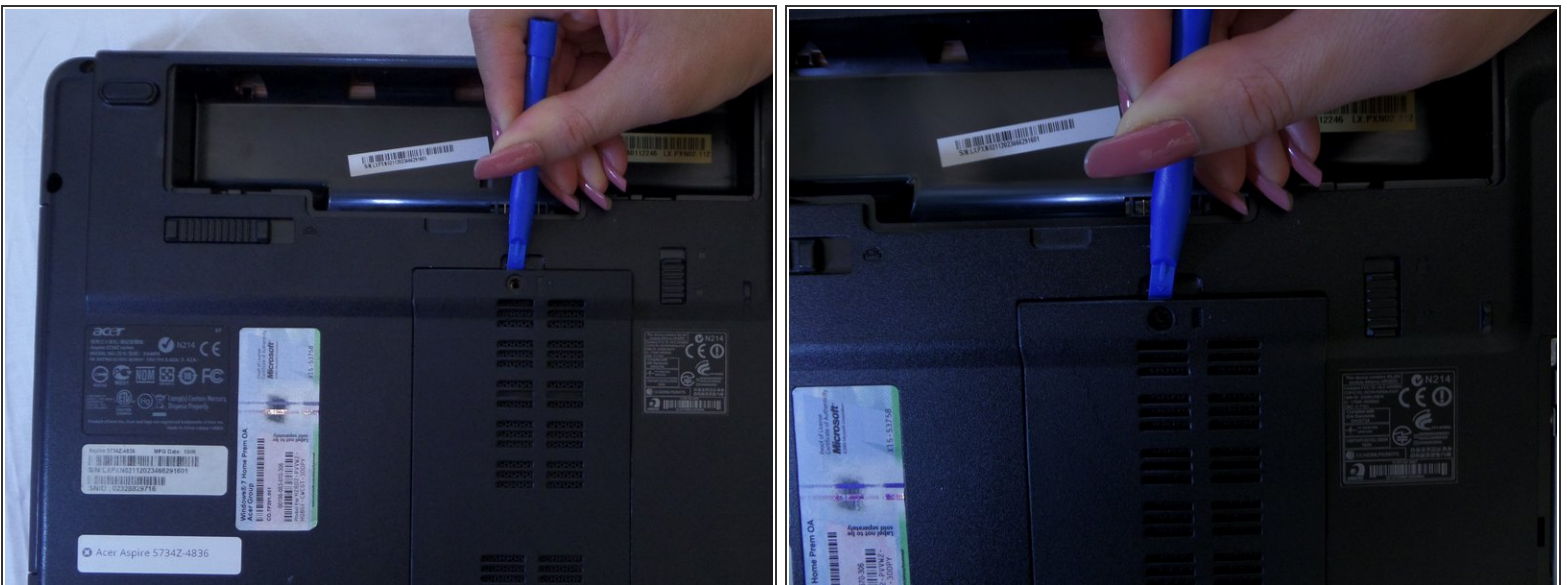
- Flip the device so the bottom of the laptop is face-up.

Step 19



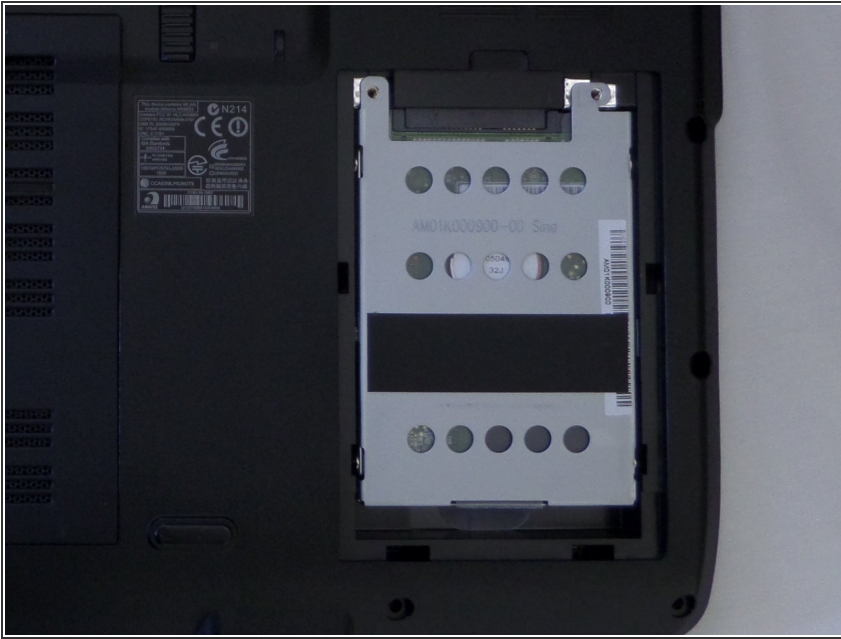
- Remove the fifteen screws from the back of the laptop with a Phillips #00 Screwdriver.

Step 20



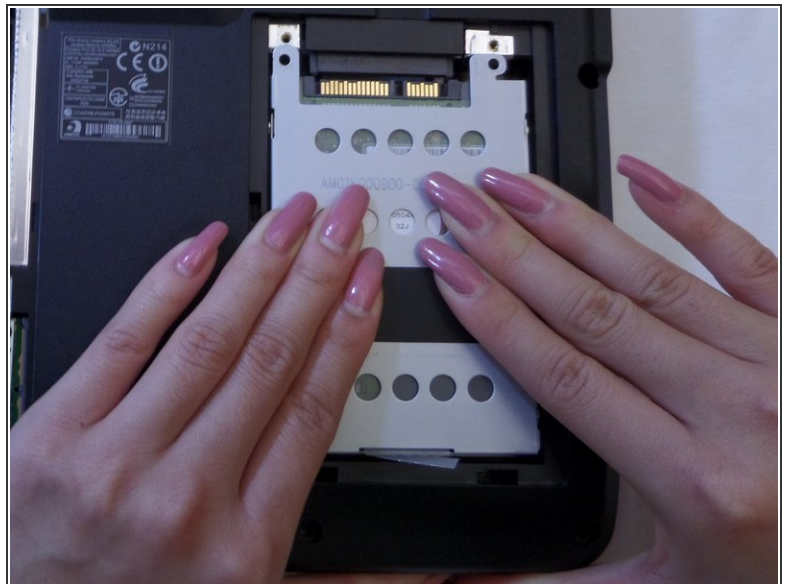
- Pry mid-back panel off.
- i Use a plastic opening tool.

Step 21



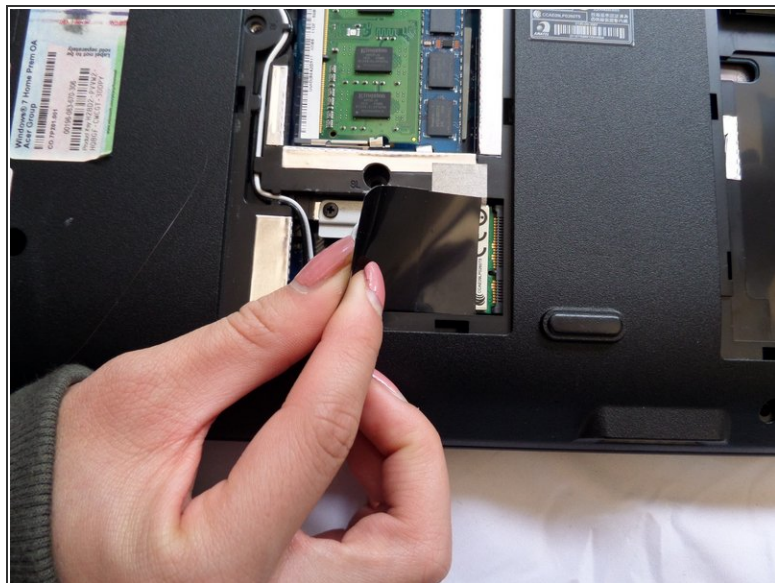
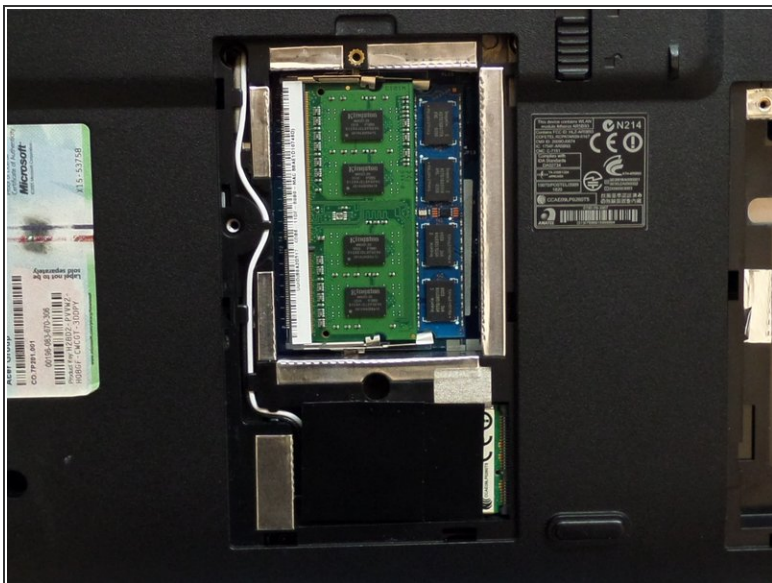
- Lift the hard-drive cover in the bottom right corner off the laptop.

Step 22



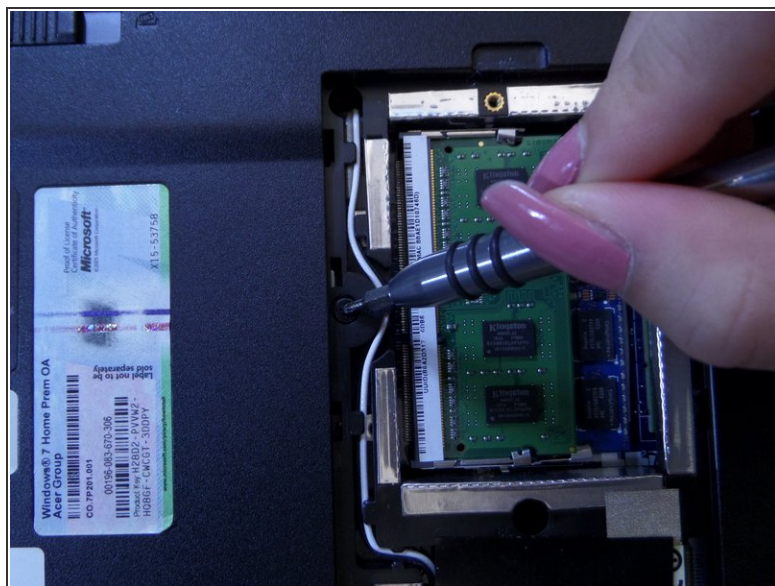
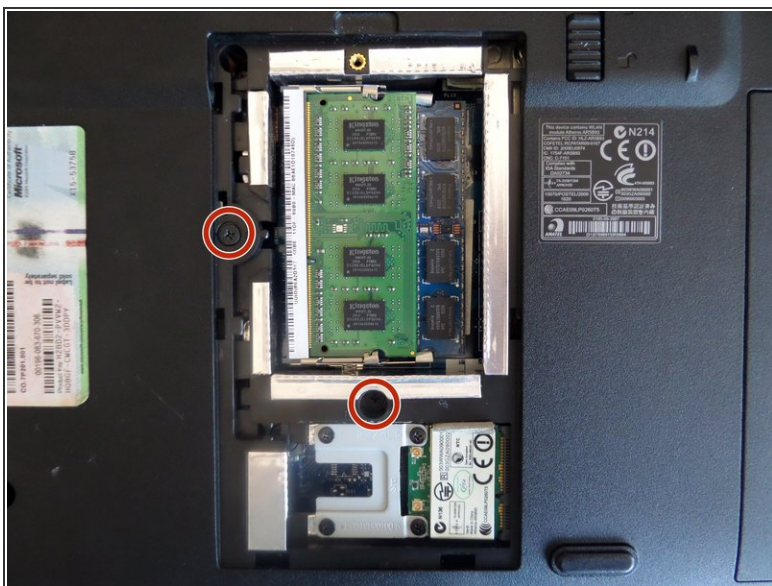
- Slide down the hard-drive out of the laptop.

Step 23



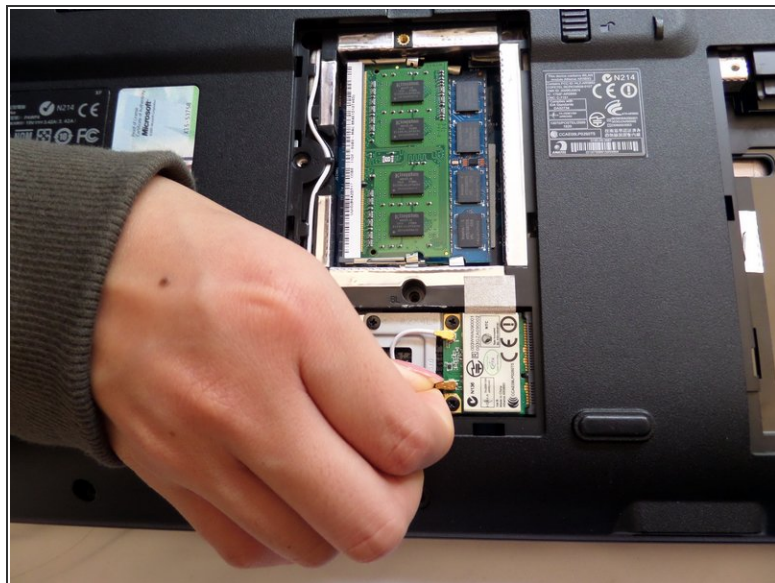
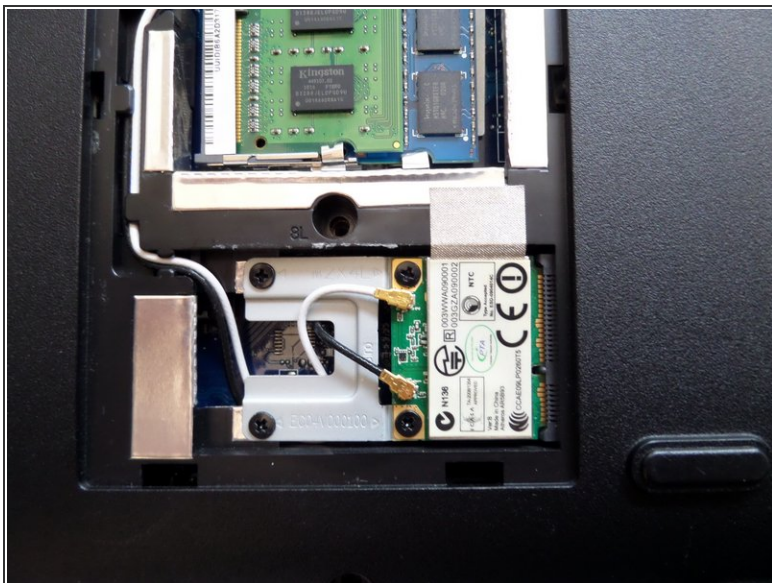
- Peel away the black plastic covering under the mid-back panel.

Step 24



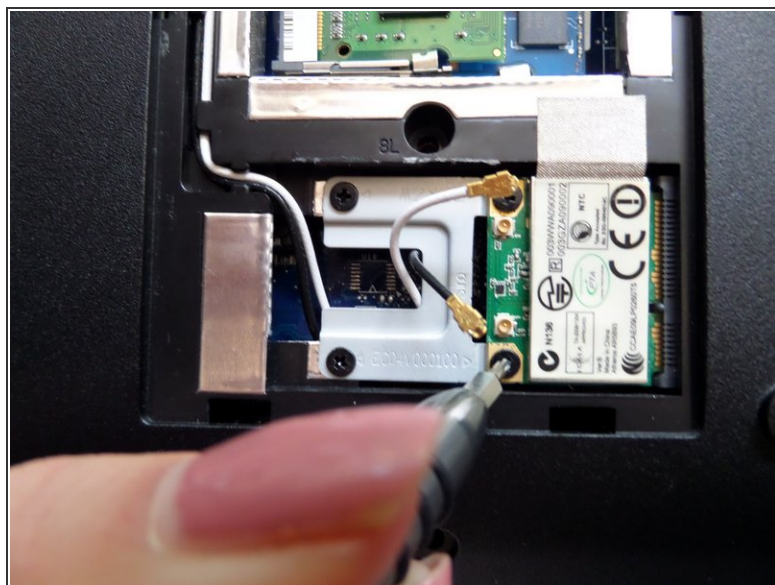
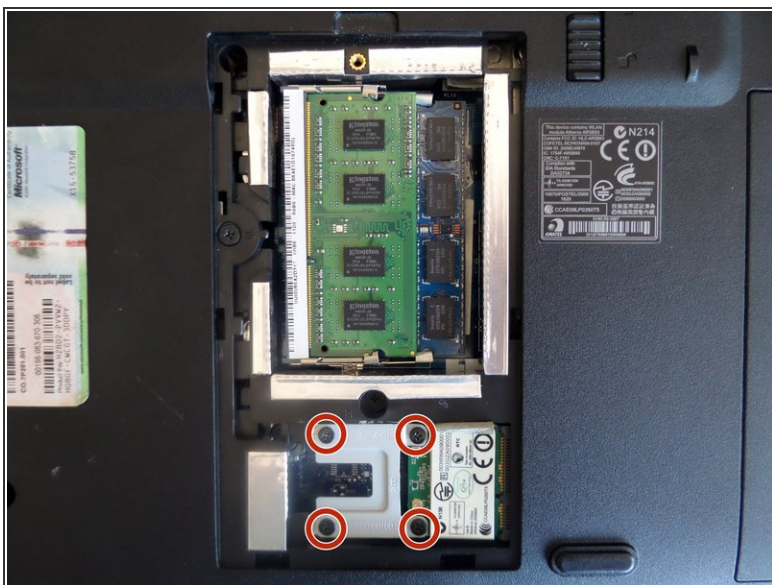
- Remove the two screws on the left and bottom of the circuit board with a #00 Phillips Screwdriver.

Step 25



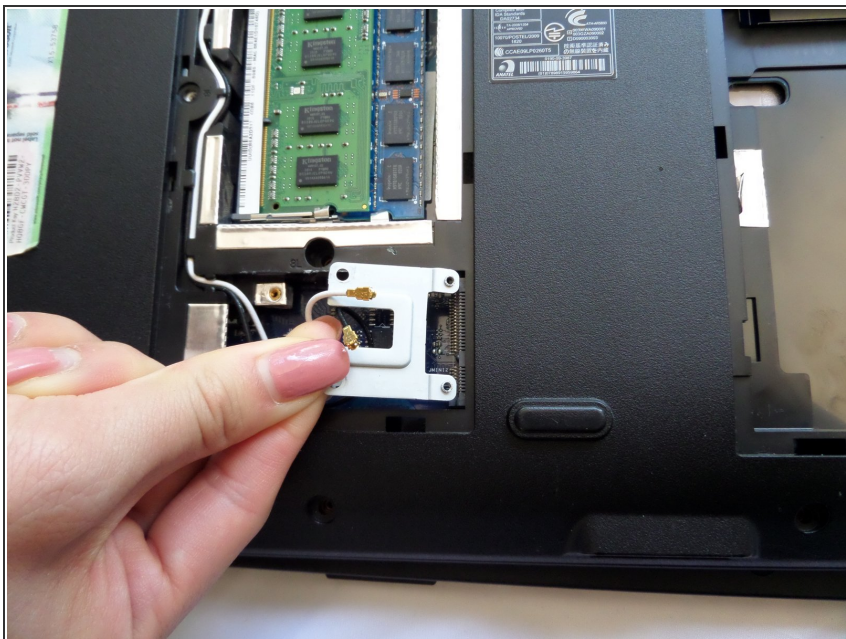
- Disconnect the black and white wires on the small circuit board by gently pulling them out of their sockets.

Step 26



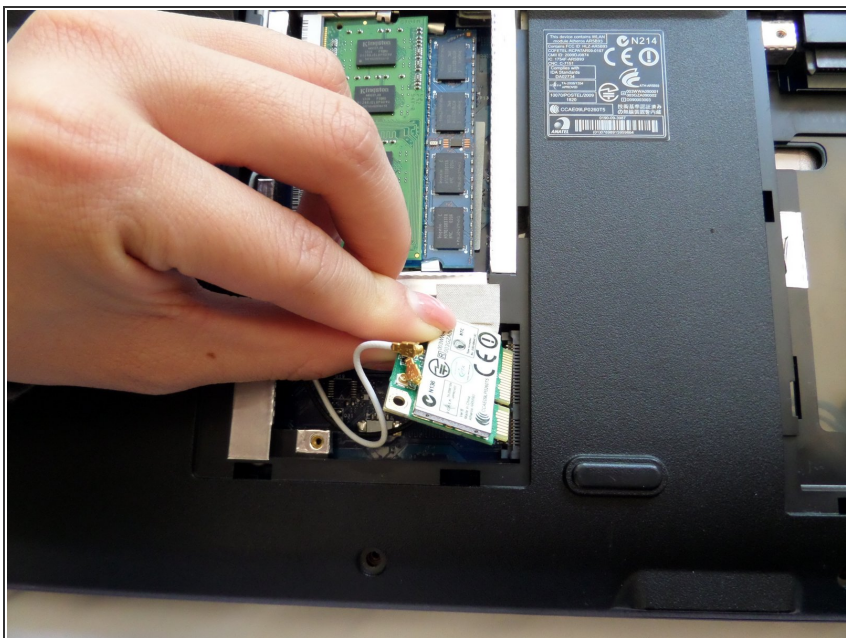
- Remove the four screws from the metal piece beneath the circuit with a Phillips #000 Screwdriver.

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



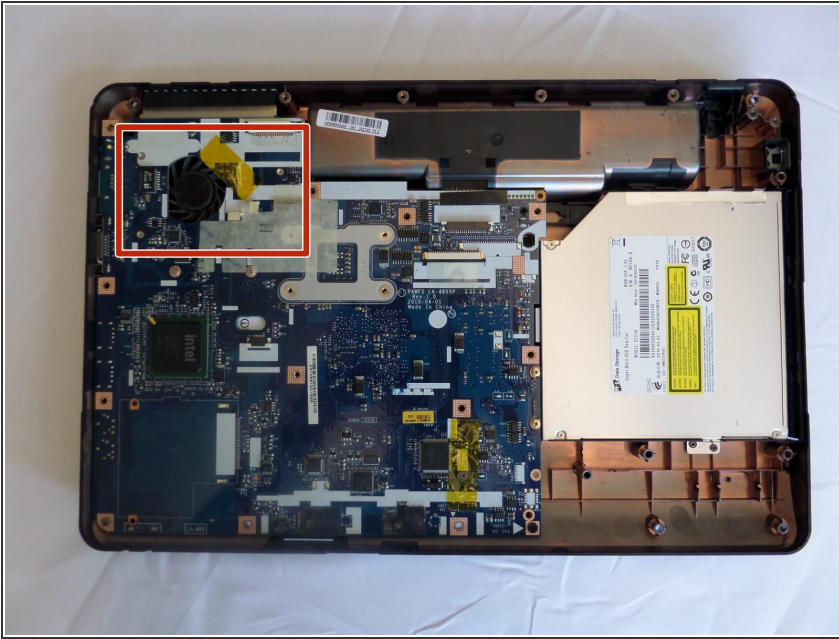
- Gently extract the black and white wires. They will pull free from the base through the hole in the upper left corner.

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



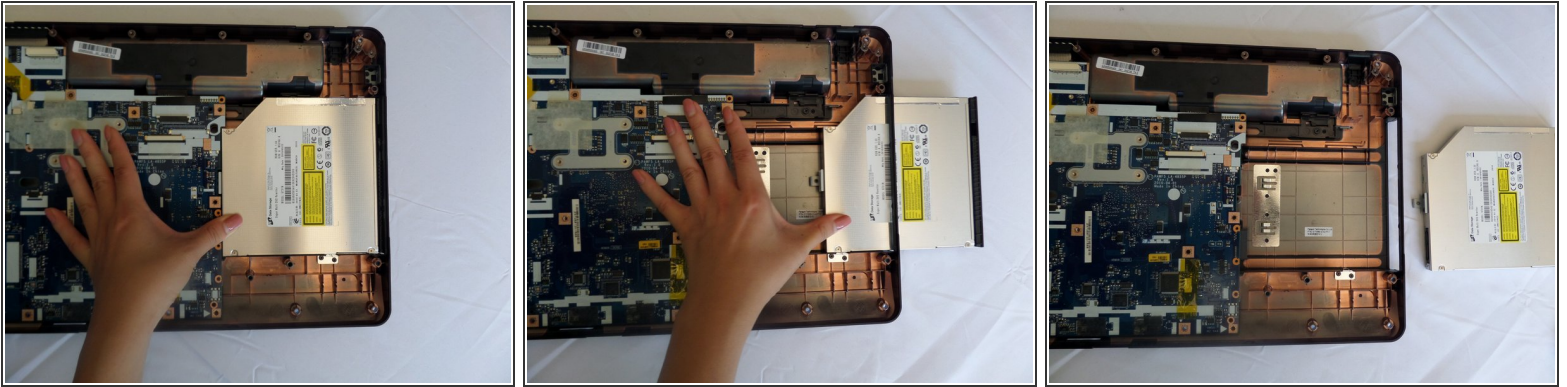
- Position the back panel so that the circuit board is face-up.
- Location of the fan is in the upper-left corner.


Step 32



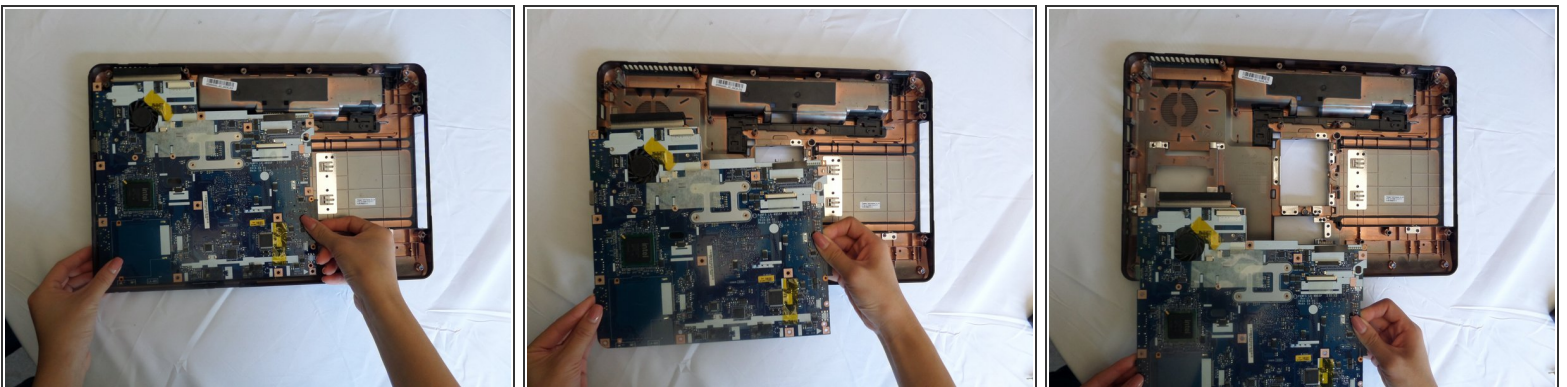
- Unscrew five screws from the circuit board using a #00 Phillips screwdriver.
- ⓘ Two screws are located below the fan, and three are along the circuit board's right edge.
- ⓘ Take note of the one black screw that goes in the lower-right corner.

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



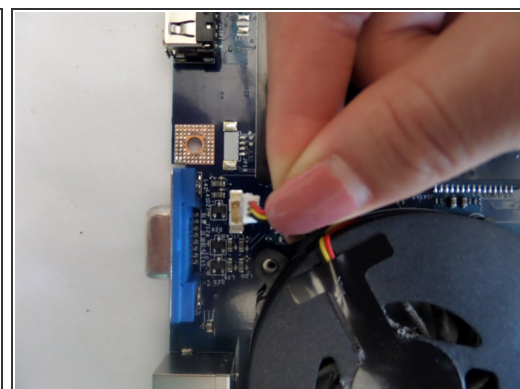
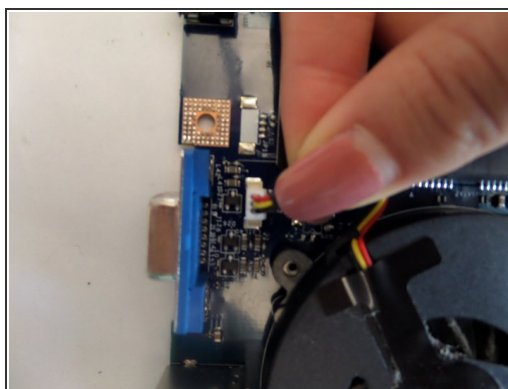
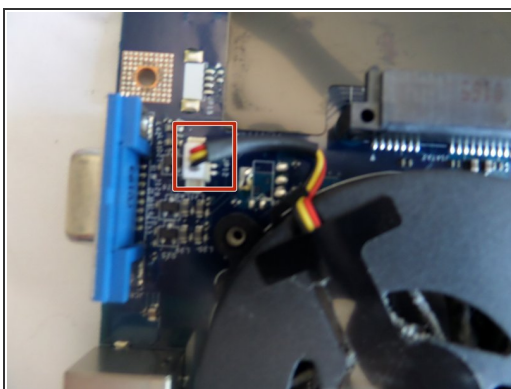
- Lift the circuit board out of the back panel and turn it over so the fan is facing up.

Step 35



- Locate the three screws around the fan
- ⓘ 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.