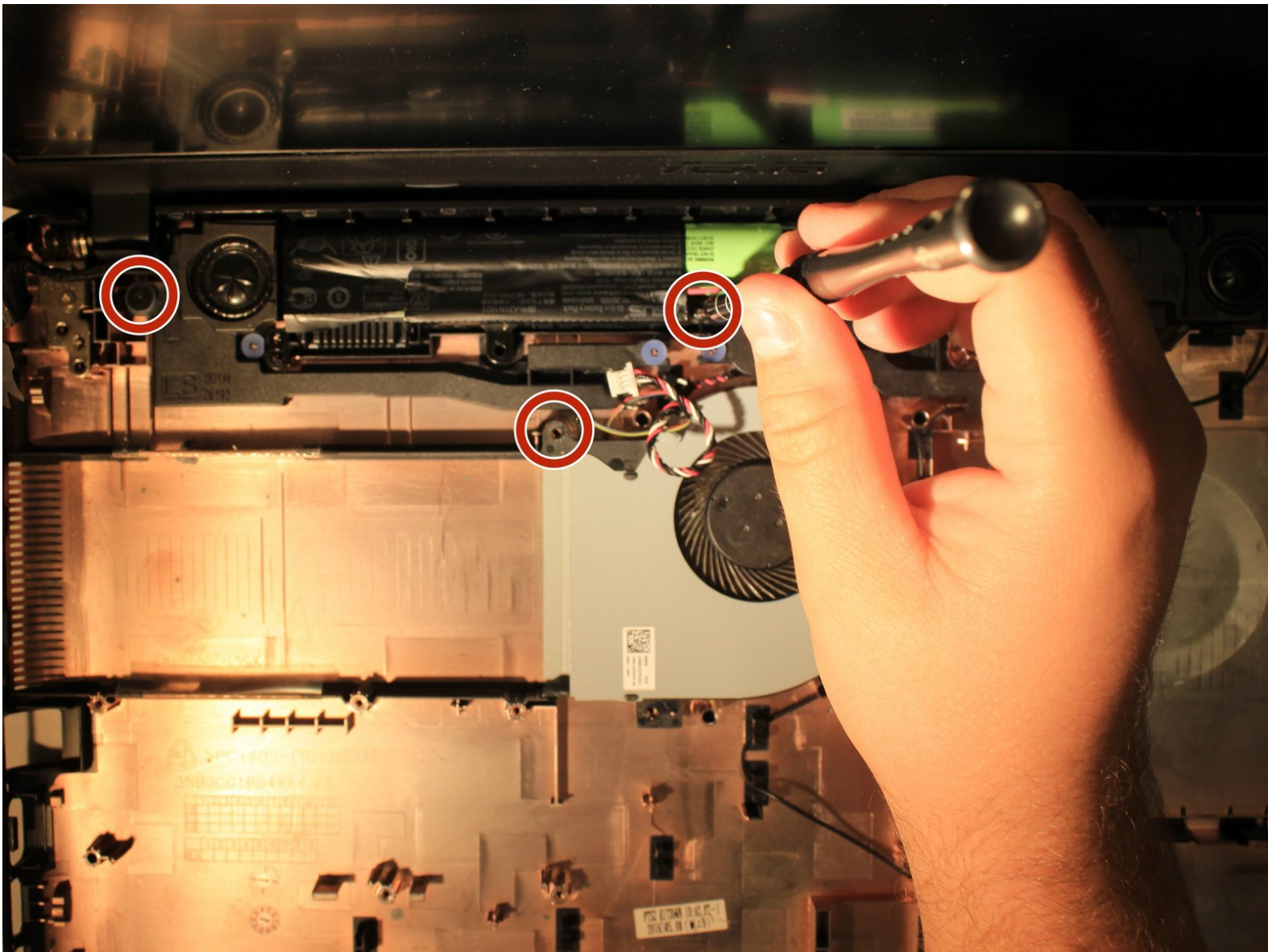




Asus R541UA-RB51 Battery Replacement

This guide is for the replacement of a broken...

Written By: Drew Singleton



INTRODUCTION

This guide is for the replacement of a broken or ageing battery.



TOOLS:

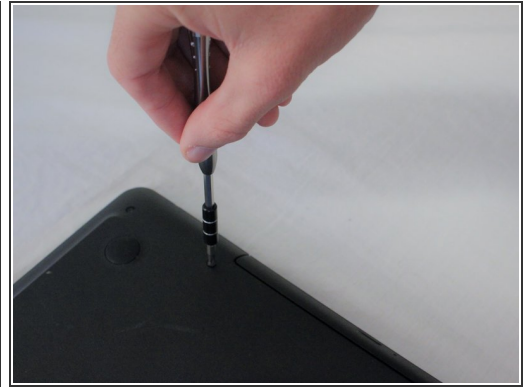
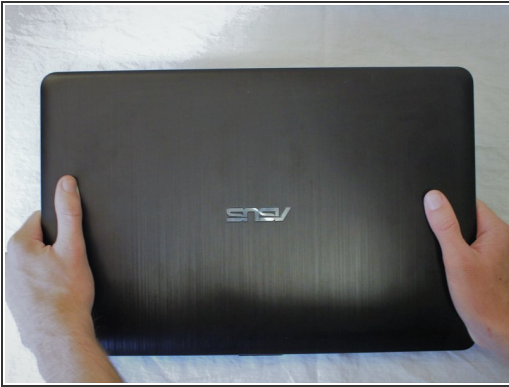
- [iFixit Opening Tool](#) (1)
- [Phillips #1 Screwdriver](#) (1)



PARTS:

- [Asus A31N1601 Laptop Battery](#) (1)

Step 1 — Keyboard



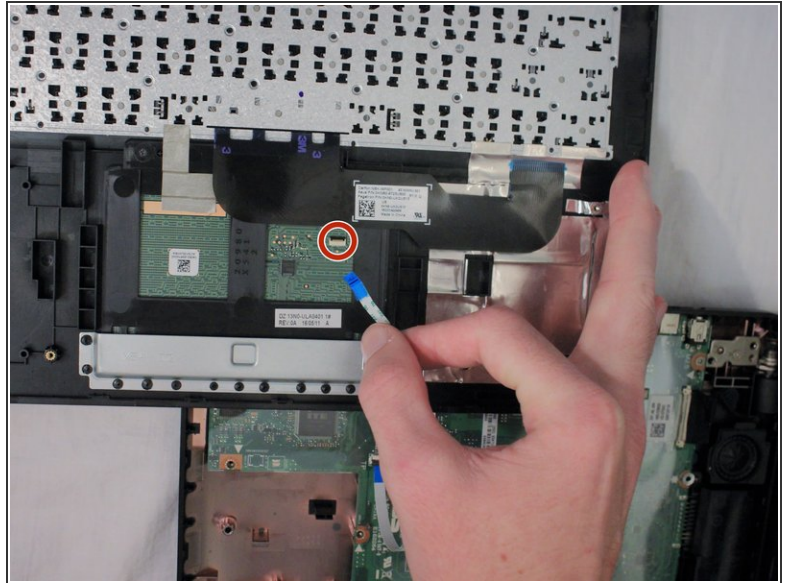
- Flip the laptop over so that the back panel is facing up.
- Carefully remove the eight 5.7mm screws on the back panel using a Phillips #1 screwdriver.

Step 2



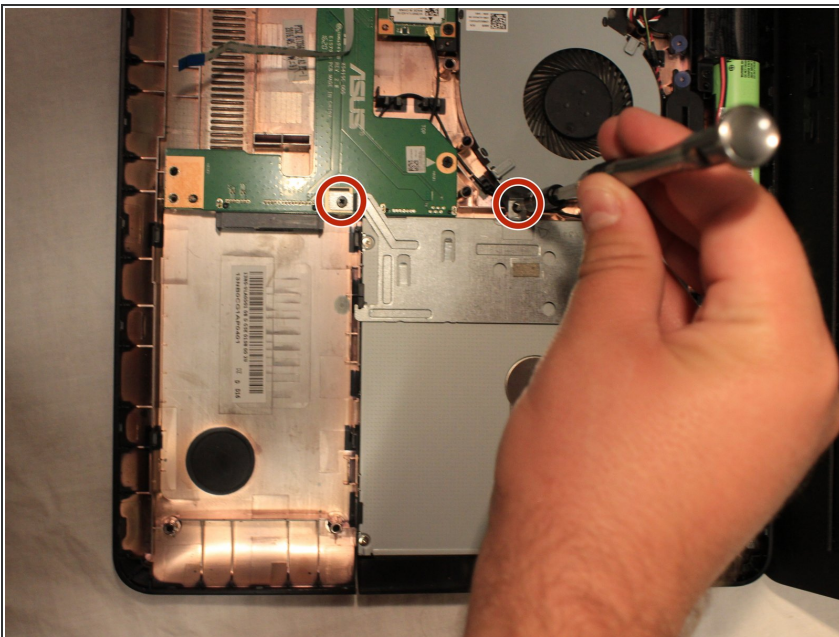
- Turn the laptop upright and flip the screen open.
- Using the plastic opening tool, gently pry the keyboard panel off of the base.

Step 3



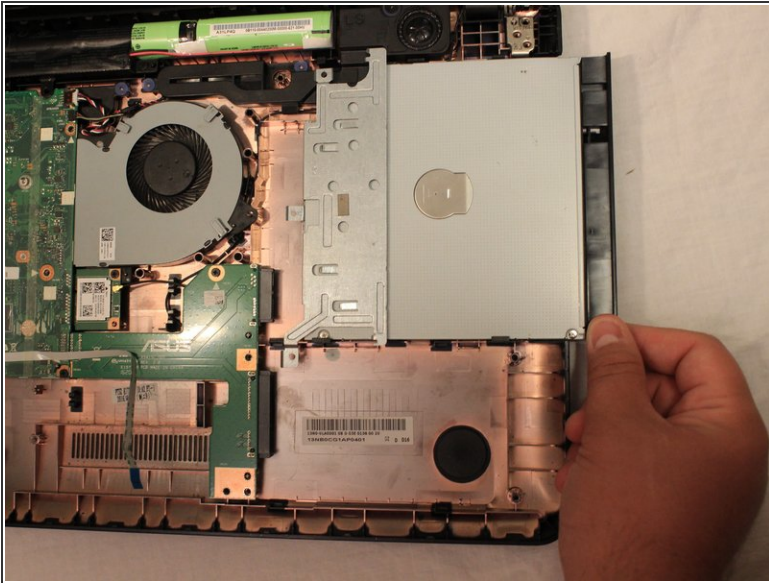
- Gently raise the keyboard from the base enough to access the underside.
- Gently pull up on the locking tab to release the ribbon cable. This should take no force to complete.
- Remove the keyboard.

Step 4 — CD Drive



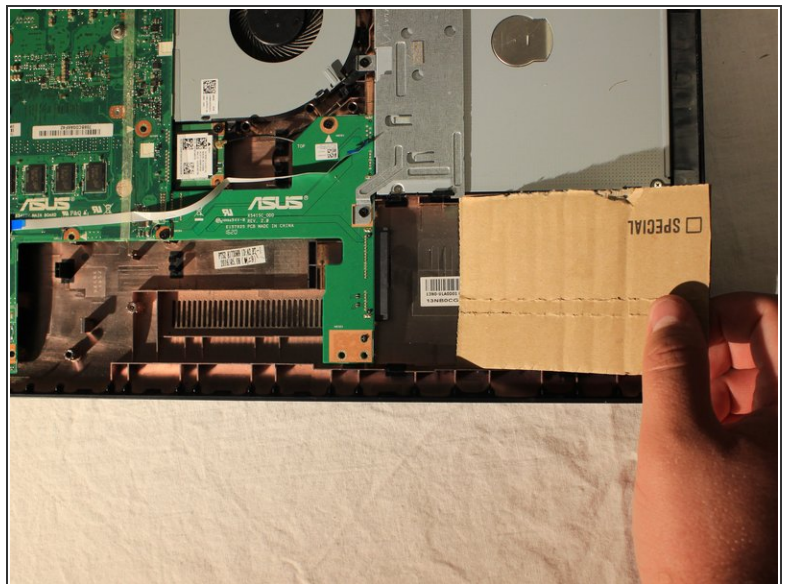
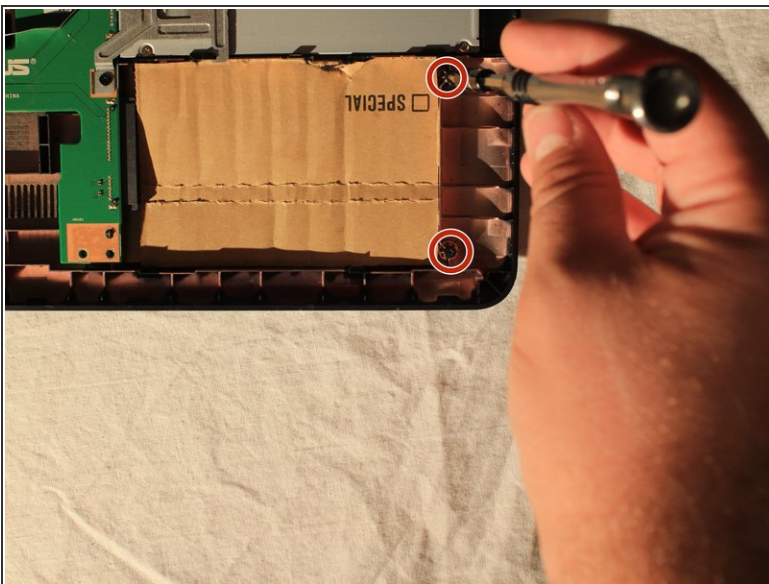
- Remove the three 5.7 mm screws from the CD drive mounting points. Use a Phillips #1 screwdriver to remove the screws.

Step 5



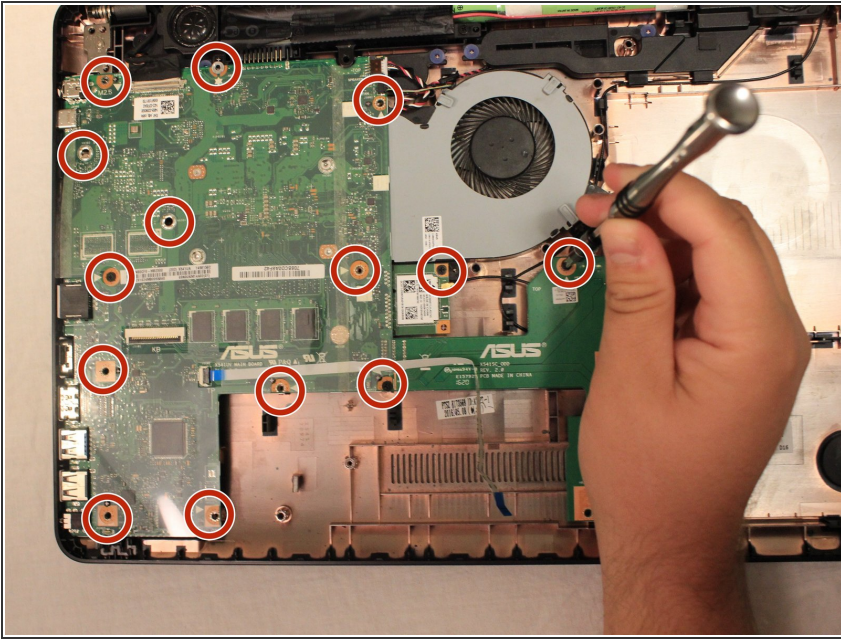
- Gently slide the CD drive away and pull up to remove it from the computer.

Step 6 — Hard Drive



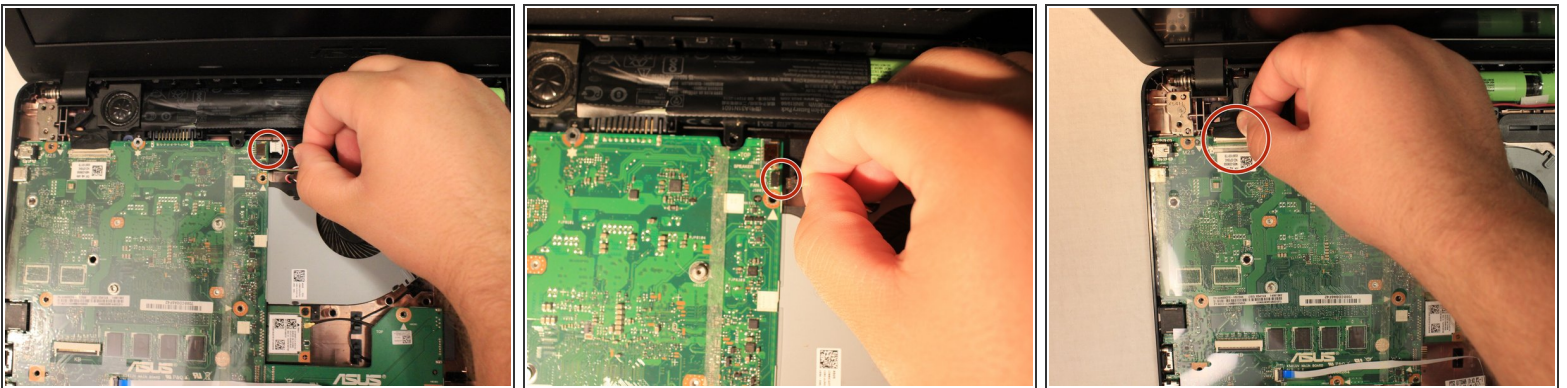
- Locate the hard drive in the lower right hand corner in the computer. This device did not have a hard drive so a piece of cardboard was used as a substitute.
- Remove the two 5.7 mm screws from the base. Use a Phillips #1 screwdriver to remove the screws. Lift up to remove the hard drive.

Step 7 — RAM



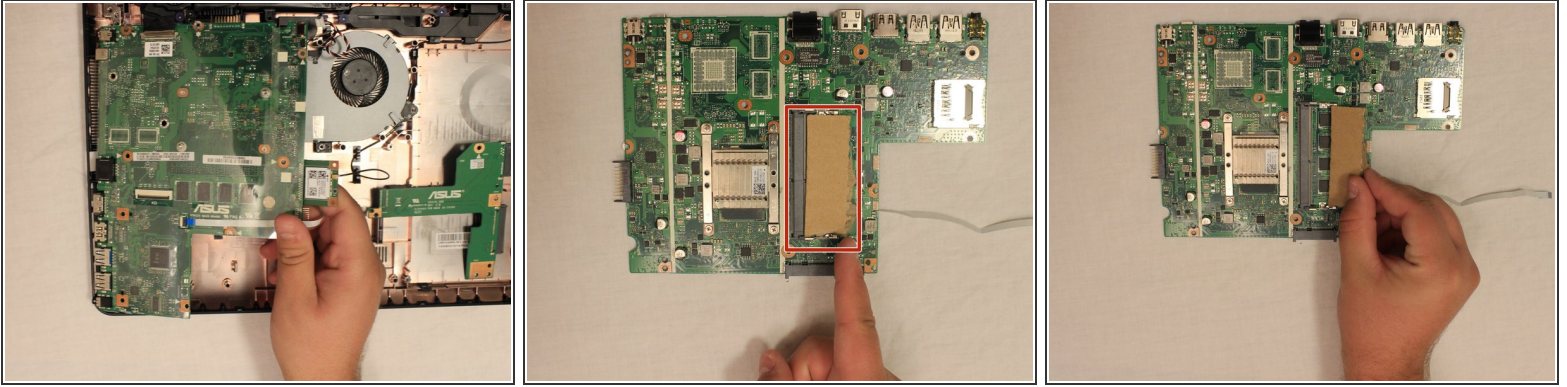
- Remove all fourteen 4.3 mm screws from the motherboard. Use a Phillips #1 screwdriver to remove the screws.

Step 8



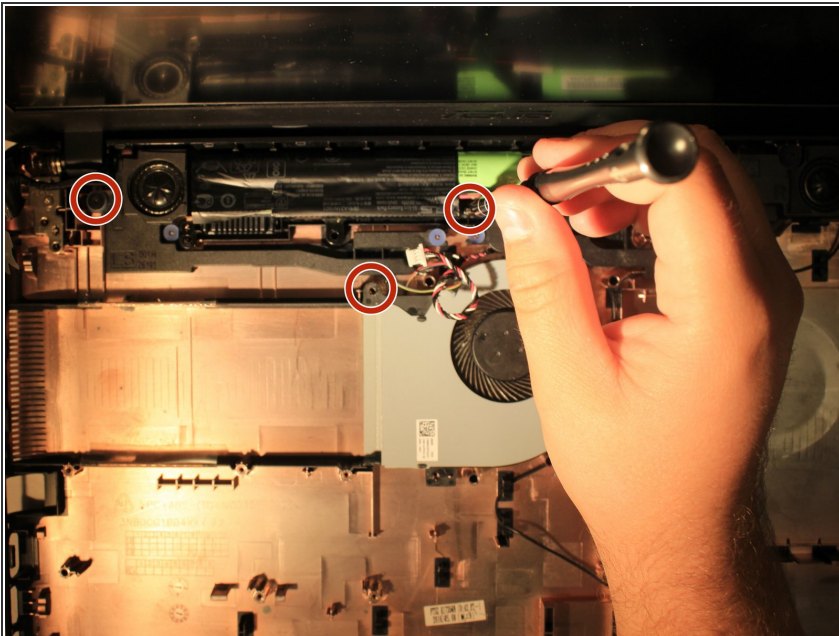
- Unplug the three connections from the top of the motherboard.
- Lift up at an angle to remove the motherboard from the computer. Take caution when lifting the areas where the USB ports are located. They are in small slots that exit the computer's main body. They will need to be slid through these slots to remove the motherboard.

Step 9



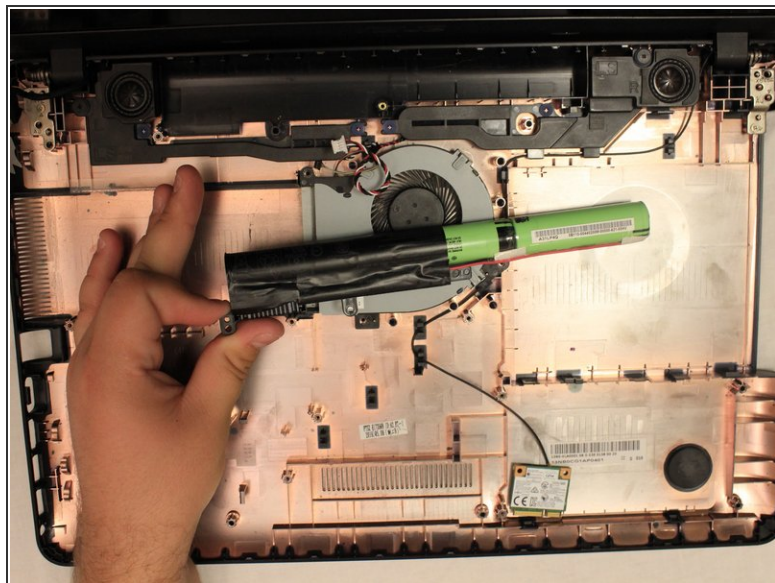
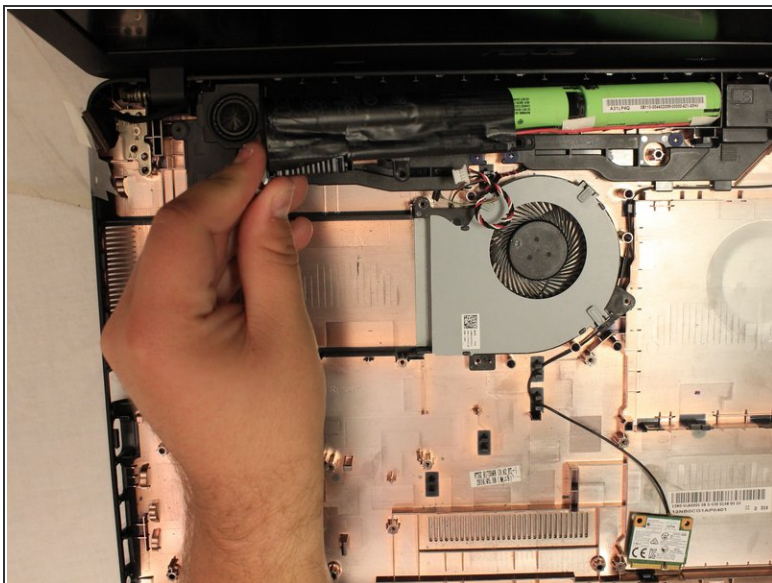
- Locate the RAM slot on the underside of the motherboard. This device did not have a RAM card so a piece of cardboard was used as a substitute.
- Replace the current card with the new RAM card.

Step 10 — Battery



- Remove the three 4.3 mm screws holding the battery pack with a Phillips #1 screwdriver.

Step 11



- Pull up on the left side of the battery at an angle to pry it out of the battery slot. Note that the battery will have originally been glued down and may be difficult to get out.

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