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## INTRODUCTION

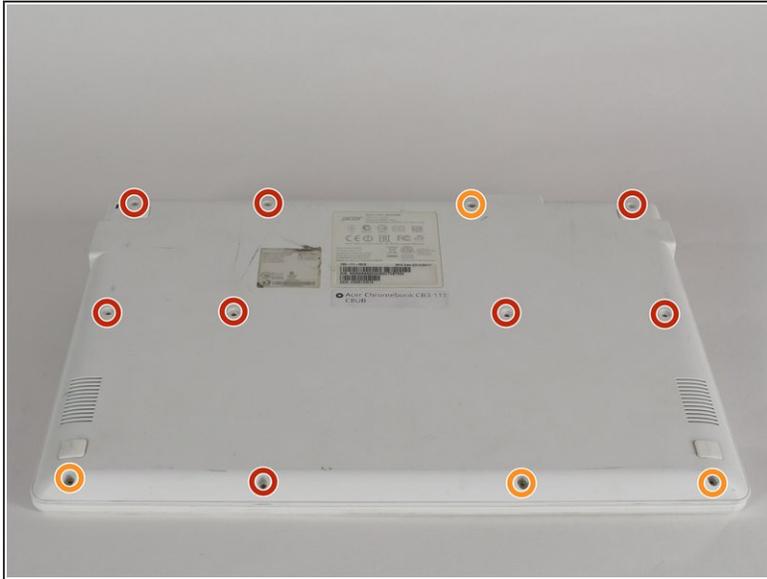
This guide is for doing a battery replacement in the case that your battery is old and/or doesn't work anymore. The guide includes how to open up the back up the laptop in order to get to the battery. There is only a small tricky part in the final removal of the battery where you have to disconnect the connection of the battery on the logic board. Keep in mind that batteries can be hazardous if not handled carefully.

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### TOOLS:

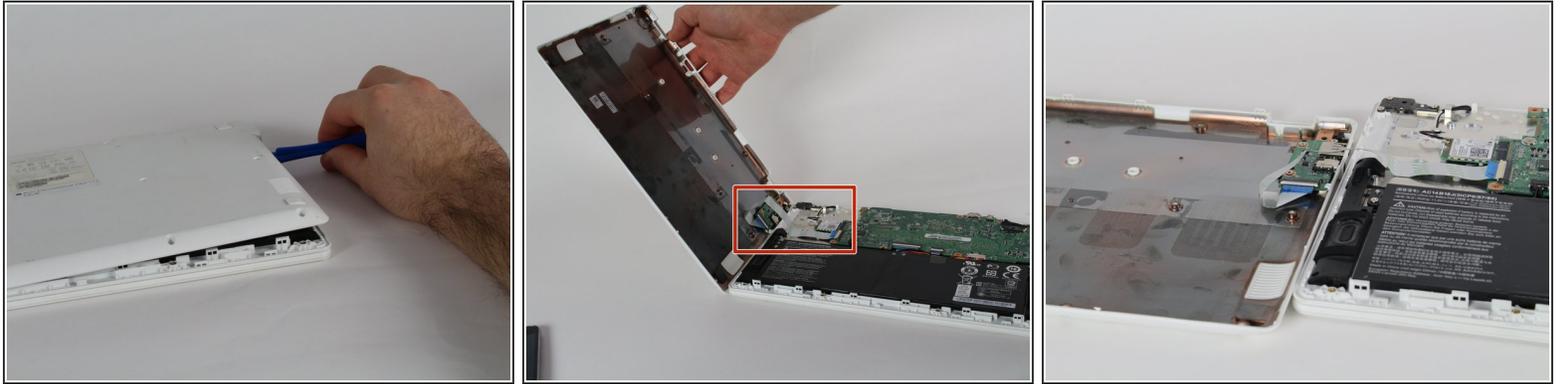
- [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [Metal Spudger](#) (1)
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## Step 1 — Back Panel Removal



- Position the laptop upside down with the hinges on the side furthest away from you.
- Remove the eight 8mm screws with a phillips #1 screwdriver,
- Remove the four 4.5mm screws with a phillips #1 screwdriver,

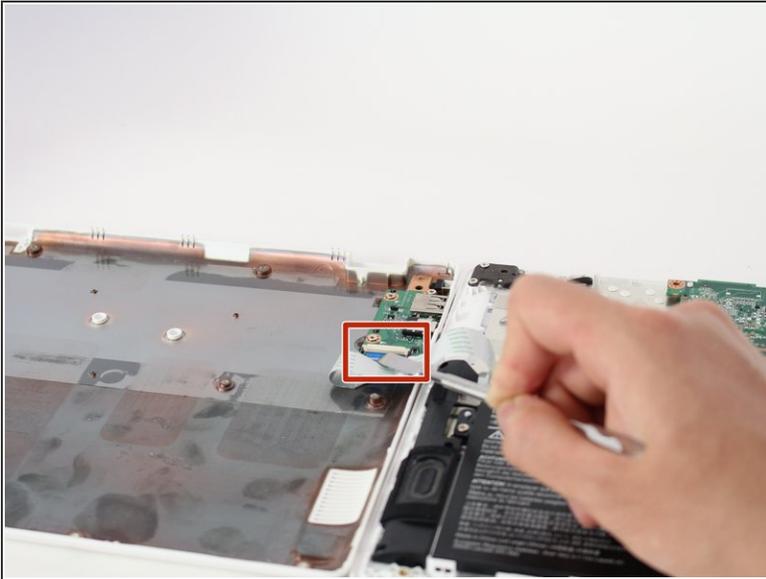
## Step 2



**⚠** There is a wire connecting the two pieces of the laptop, from the inside, on the left, be careful not to damage it.

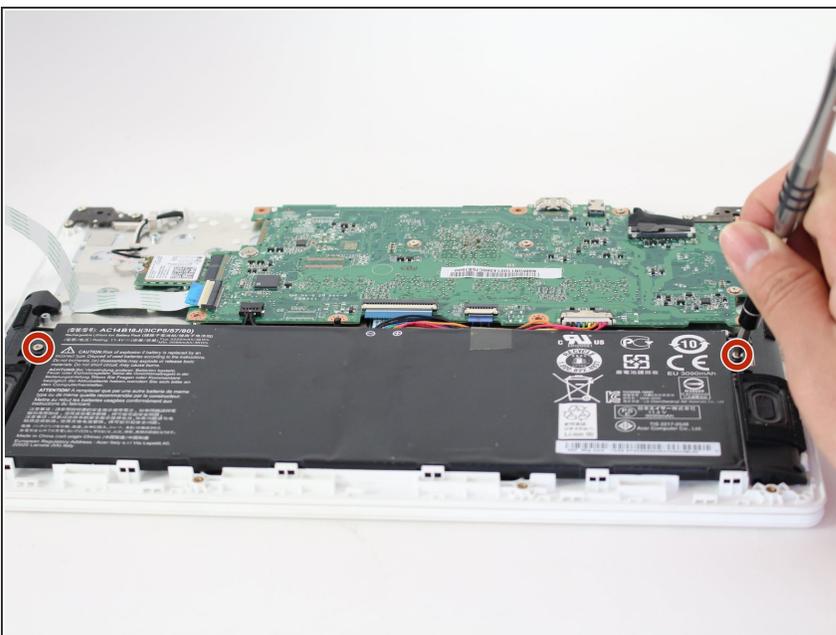
- Use the plastic opening tool to pry open then remove the plastic base from the rest of the laptop. Start from the right side and work towards the left.
- Set the plastic base beside the laptop by opening it as if you were opening a book.

### Step 3



- Flip up the small white ZIF connector by using a fingernail or metal spudger.
  - Pull the blue tab to remove the ribbon cable.
- i** The ribbon cable is adhered to the plastic so it will take a little bit of force to remove it.

### Step 4 — Battery



- Locate and remove the two 6mm screws holding the battery in place with a Phillips #1 screwdriver.

## Step 5



- Pull the battery forward to clear the base from its clips.
- Lift the battery up so that there is room to grab and unplug the bundled cable connector.

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