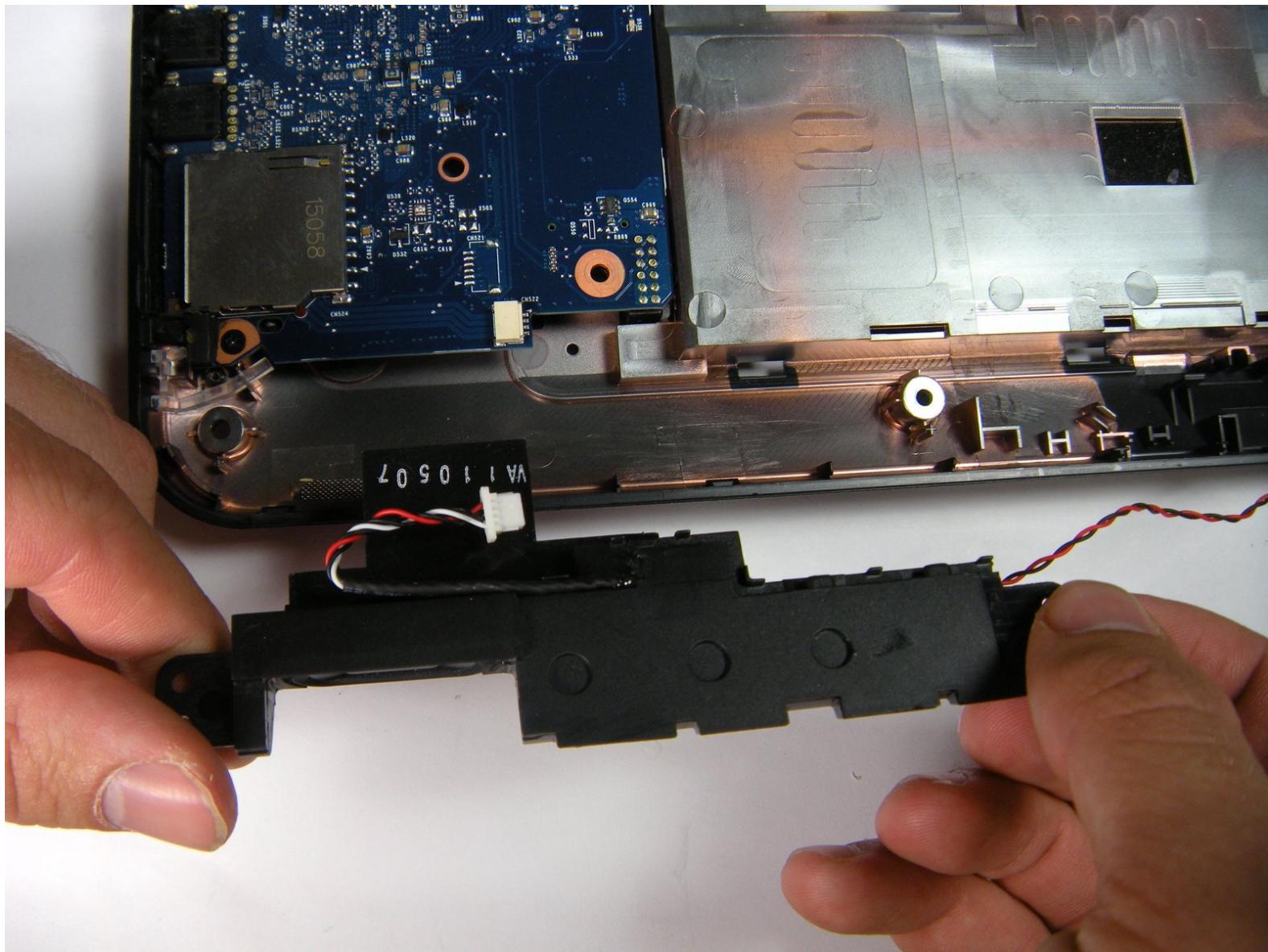




# HP Pavilion g6-1b79dx Speaker Replacement

Removing the speakers of the laptop.

Written By: Rachel Gallegos



## INTRODUCTION

To remove the laptop's speakers, many components within the laptop need to be removed. This is a guide to do so.

### **TOOLS:**

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)

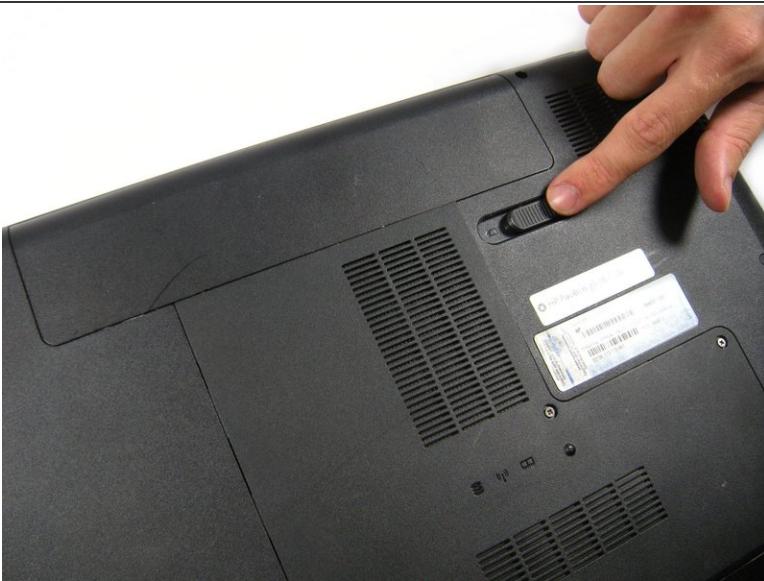
## Step 1 — Battery



- Flip the computer so the bottom is facing up with the battery away from you.

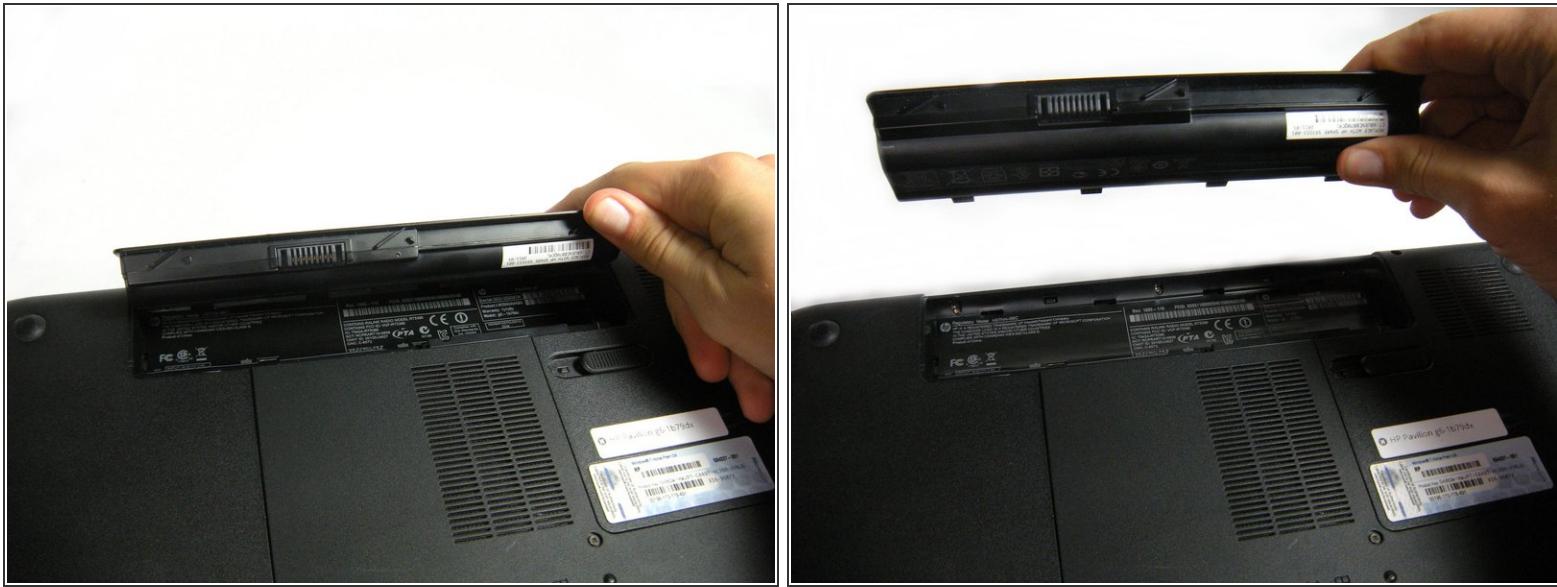
Turn off the computer and disconnect the charger.

## Step 2



- Slide the battery switch to the left until the battery unlatches from the base of the laptop.

## Step 3



- Lift the battery from its compartment away from the laptop.

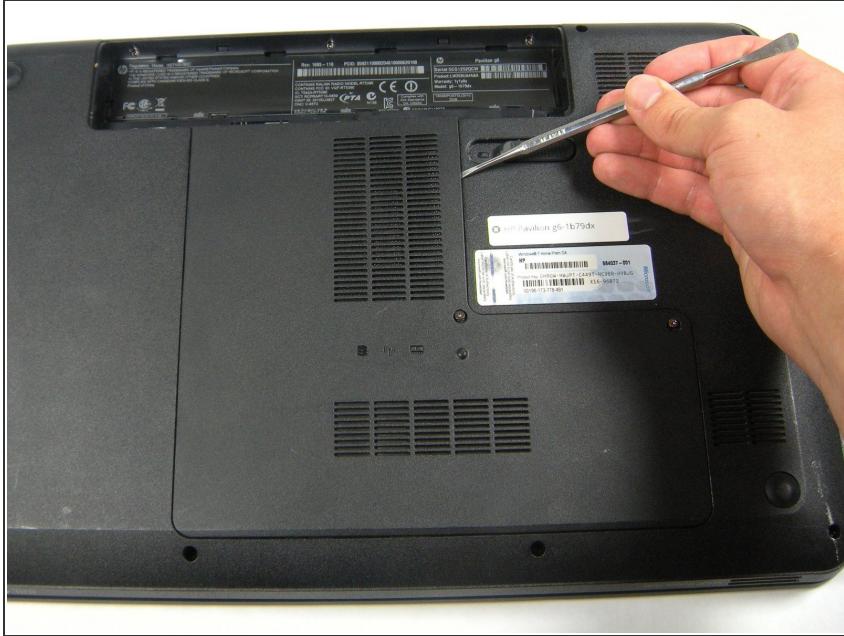
## Step 4 — Bottom Panel



- Loosen the two 5.7 mm screws on the bottom panel using a PH00 screwdriver.

**⚠** The screws do not come out of the panel due to small washers. Do not try to remove the screws completely.

## Step 5



- Use the metal spudger all around the panel to pop it up from the base.

**!** When working with electronics, it's important to choose a tool that's ESD-safe to avoid accidental damage to the device. The regular black nylon spudger or a plastic opening tool should be used whenever possible.

**i** Using your finger is acceptable but not entirely recommended. Be gentle if you choose to use your hands.

## Step 6



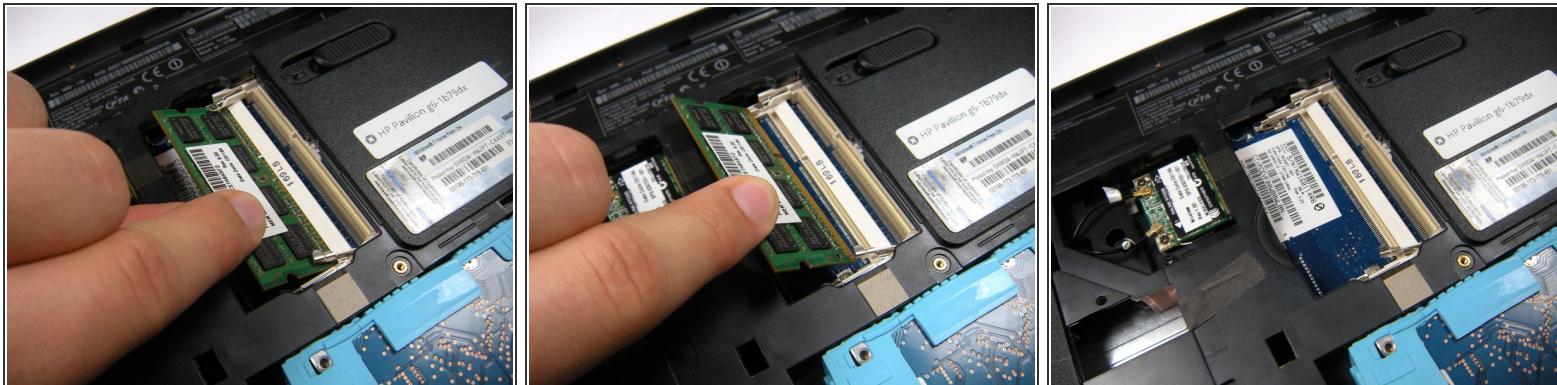
- With your hands, lift the panel completely off the base of the laptop.

## Step 7 — RAM



- Slide the two latches away from the RAM to unhook it.

## Step 8



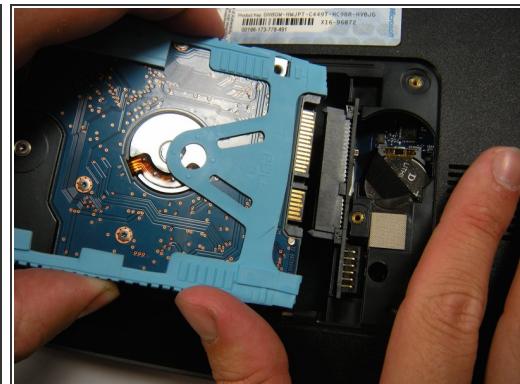
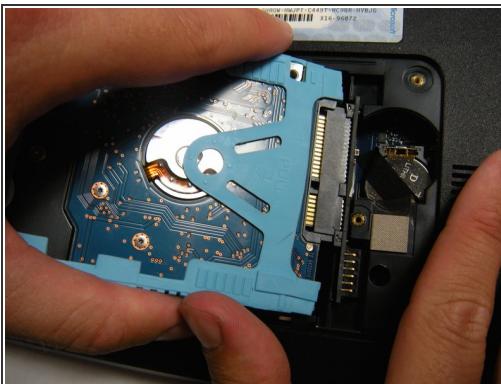
- Gently slide the RAM out from the laptop.

## Step 9 — Hard Drive



- Use the PH 00 screwdriver to unscrew the 2.5 mm screw to the right of the hard drive.

## Step 10



- Pull the triangular blue tab to disconnect and remove the hard drive. You can see the word 'Pull' on the cover.

## Step 11 — Wireless Card



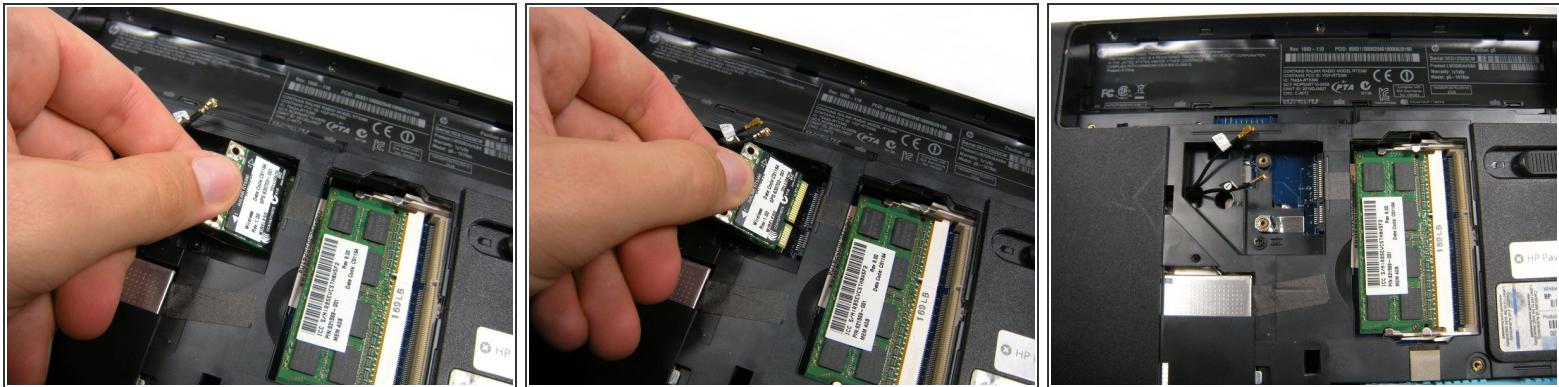
- Unlatch the two antenna cable connectors from the wireless card.

## Step 12



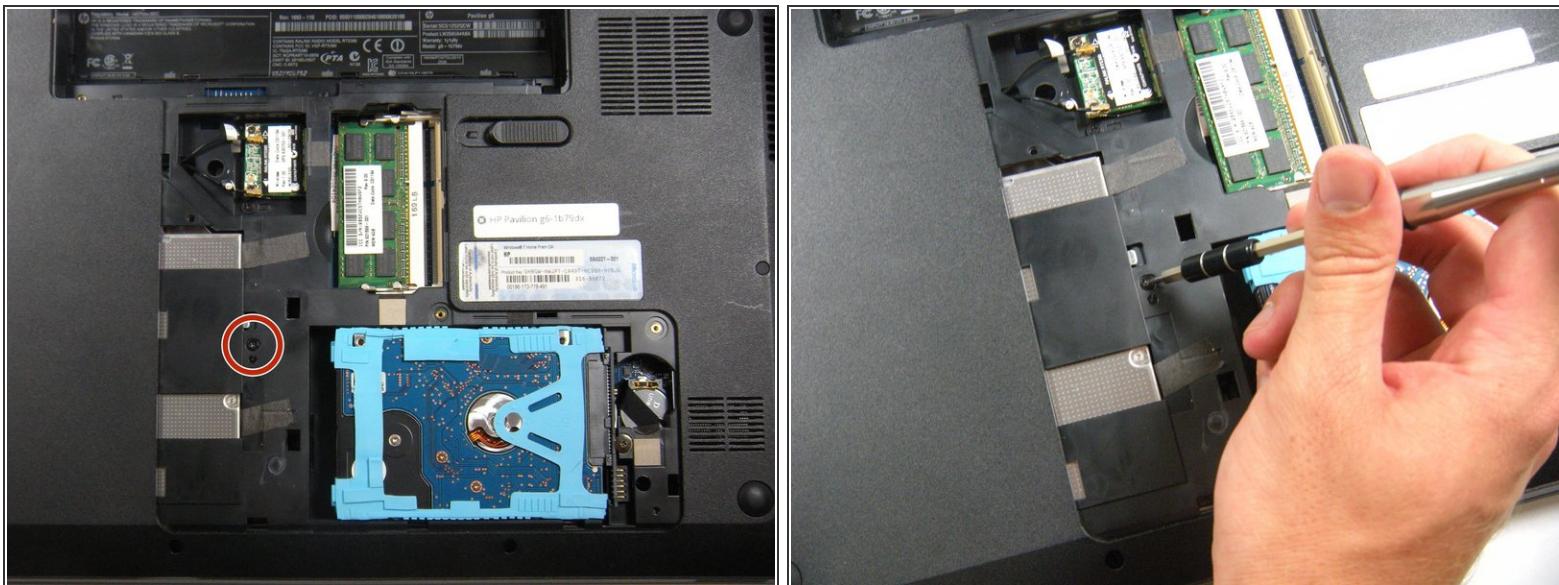
- Remove the two 2.5 mm screws in the wireless card with a PH00 screwdriver.
- *(i)* You may have to gently bend the cables away from the wireless card to remove the screws

## Step 13



- Gently disconnect the wireless card from the laptop.

## Step 14 — CD Drive



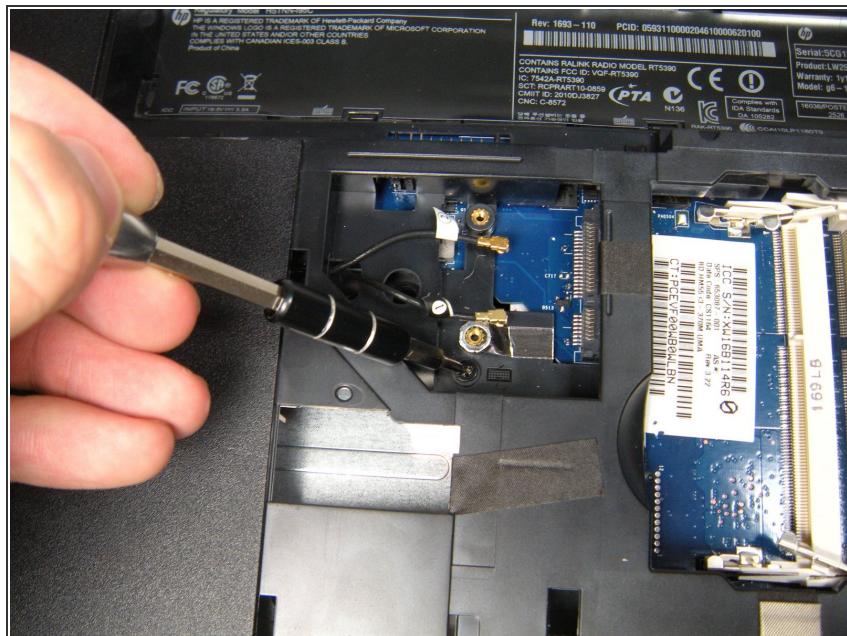
- Using the PH 00 screwdriver, remove the screw left of the CD drive.

## Step 15



- Slide the CD drive out from the exterior of the laptop.

## Step 16 — Keyboard



- Using a PH 00 screwdriver, remove the screw located next to the wireless card.
- You can remove the wireless card for this process but it is not necessary.  
*(i)*
- This screw has a small keyboard icon next to it.  
*(i)*

## Step 17



- Flip the laptop over and open it.

 The components beneath your computer may be loose and fall out when you flip the laptop. Be careful when turning it over.

## Step 18



- Insert a **plastic** spudger or similar pry tool, beneath the keyboard, near the "insert" key, and pop the keyboard up from the laptop.

 When working with electronics, it's important to choose a tool that's ESD-safe to avoid accidental damage to the device. The regular black nylon spudger or a plastic opening tool should be used whenever possible.

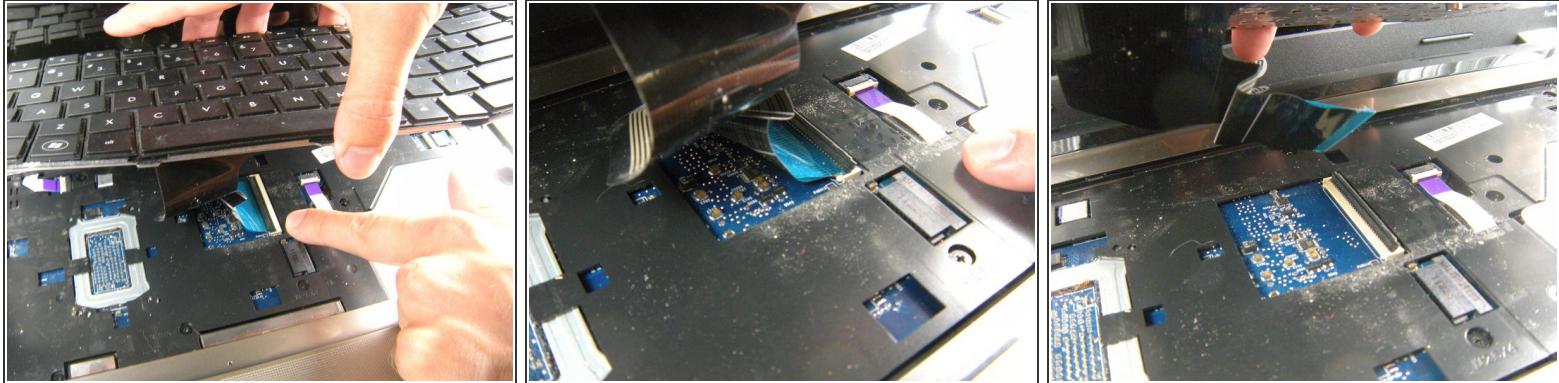
- Starting at the opening you just created, run your fingers around the outside of the keyboard separating it from the rest of the computer.

Only lift the keyboard up a few inches because it is attached to the laptop by a ribbon cable.

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## Step 19



- Slightly angle the keyboard back so the ribbon connector underneath it is visible.
- Remove the ribbon cable by using your fingers to pull up and away from the connector.

## Step 20



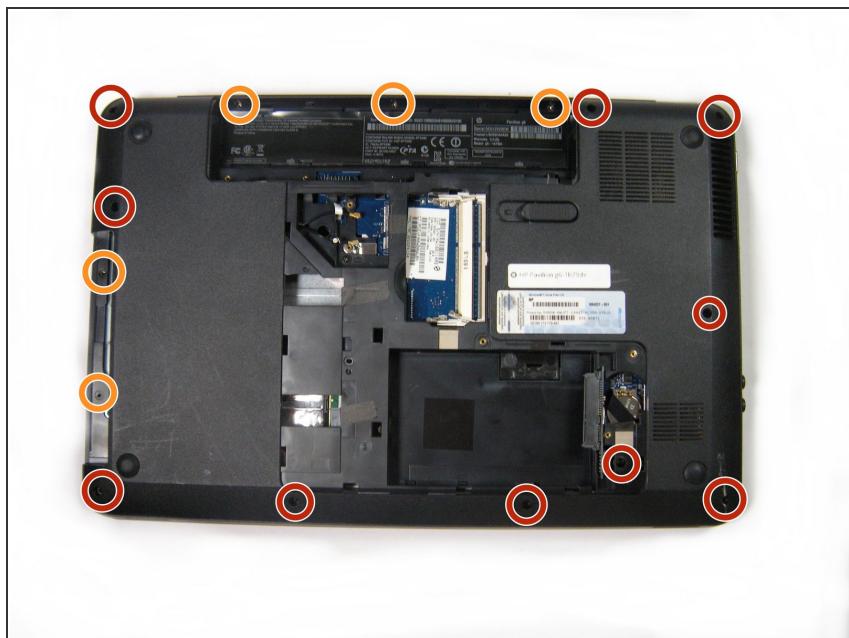
- With the ribbon cable detached, you can now completely remove the keyboard.

## Step 21 — Speaker



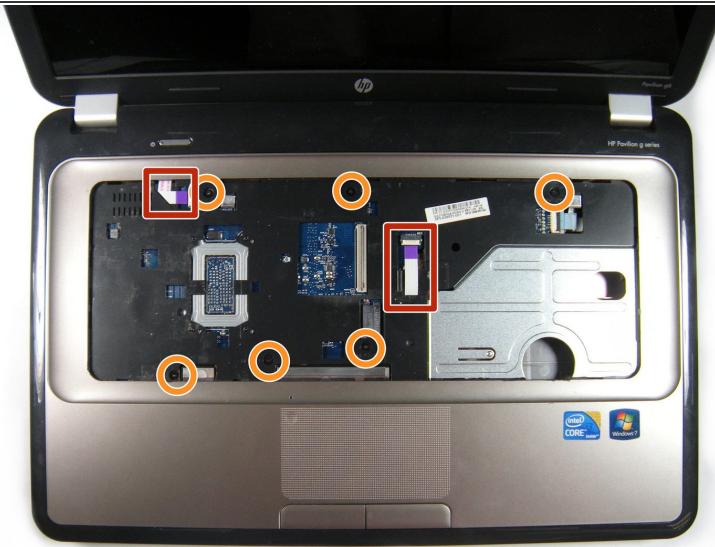
- With the laptop bottom facing up, locate the rubber plug on the right side of the computer.
- Use a metal splunger to remove the plug.

## Step 22



- Remove the ten 6.7 mm screws using a PH00 screwdriver.
- Remove the five 3.4 mm screws using a PH00 screwdriver.

## Step 23



- Flip the computer over and open it.
- Detach the two purple ribbons from the ribbon connectors.
- Unscrew the six 4.6 mm screws using the PH00 screwdriver.

## Step 24



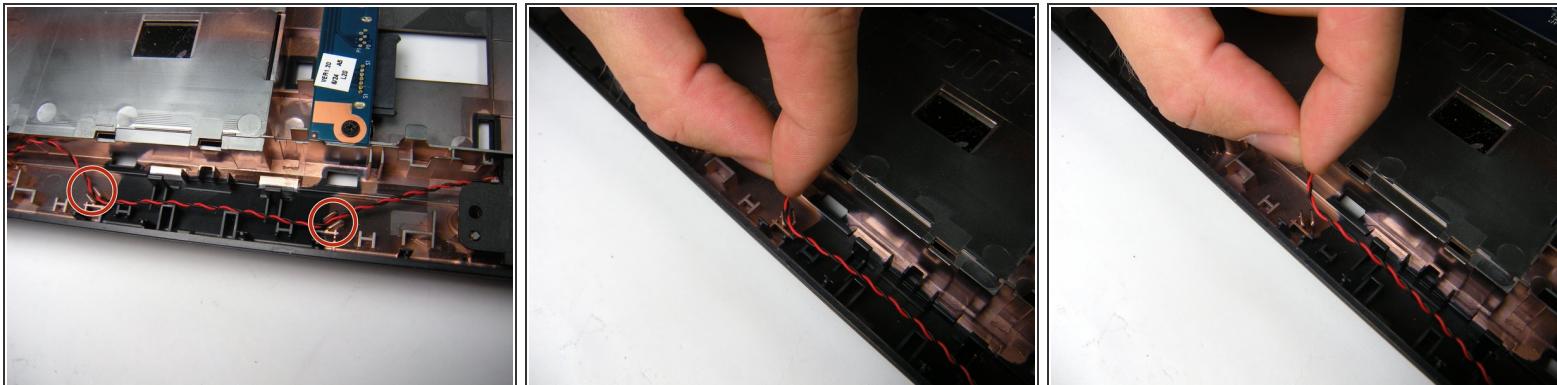
- Use the plastic opening tool to pry out the front panel around the entire computer.

## Step 25



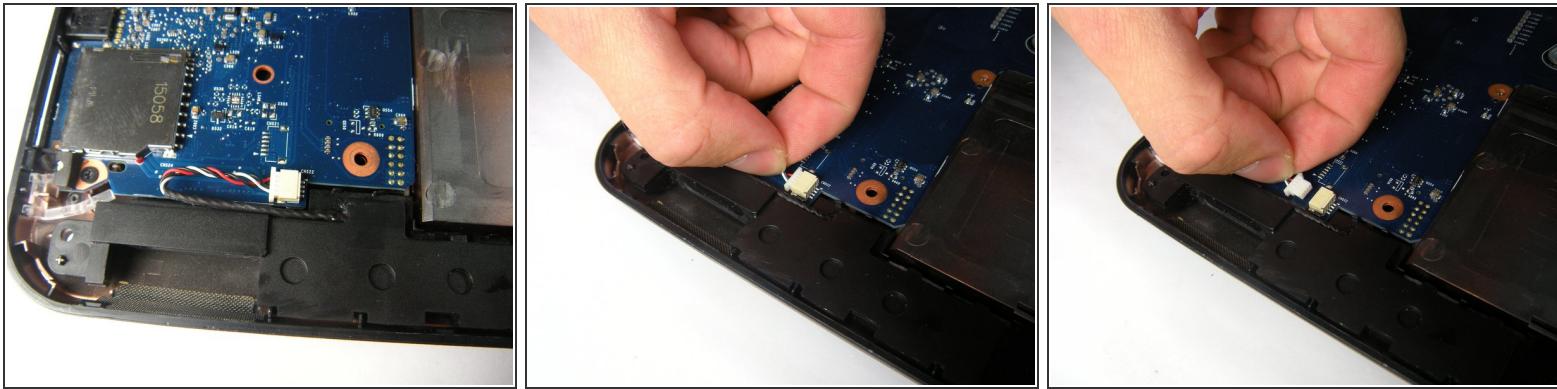
- Gently lift the front panel away from the computer.

## Step 26



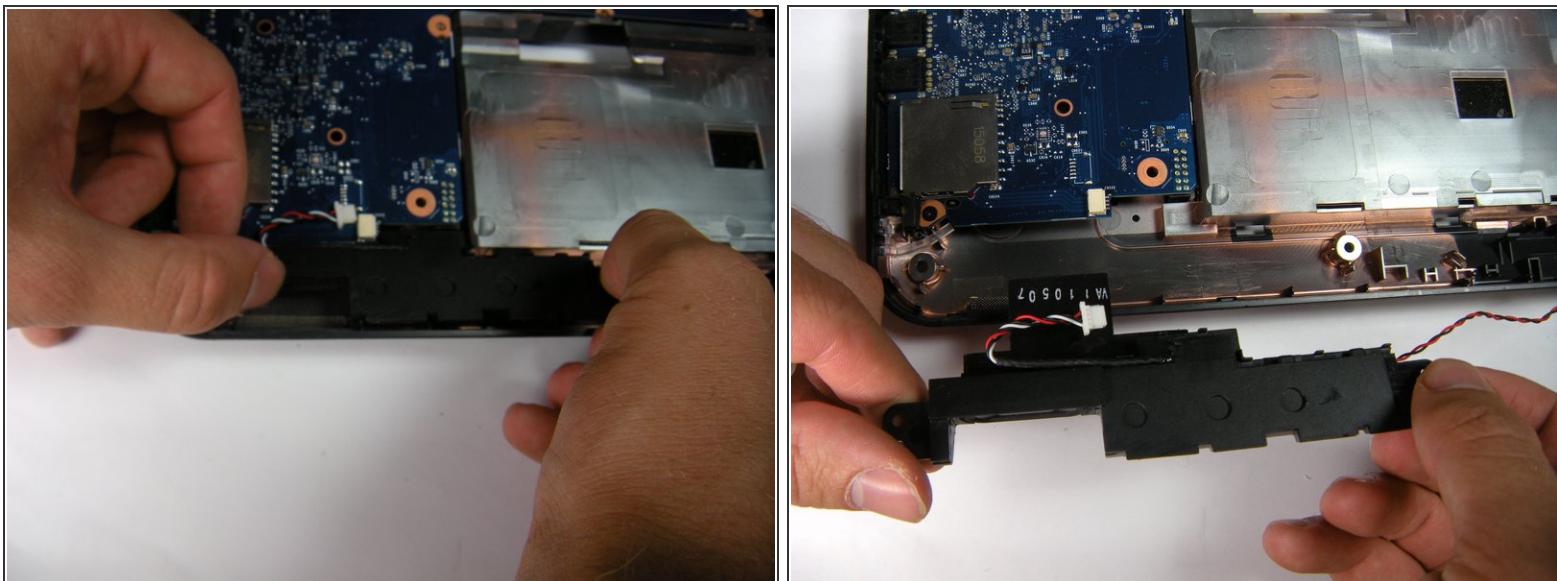
- Locate the red and black speaker cables connecting the speakers and detach them from the two holders.

## Step 27



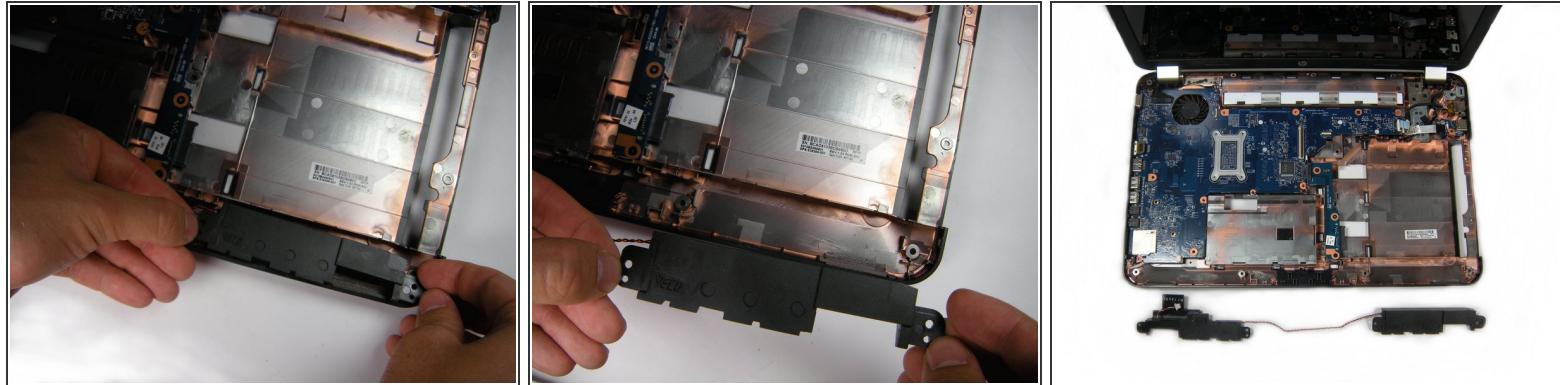
- Pull the speaker cables out of their connectors.

## Step 28



- Slide the left speaker out from under the blue motherboard.

## Step 29



- Lift the right speaker directly up and remove it from the computer.

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