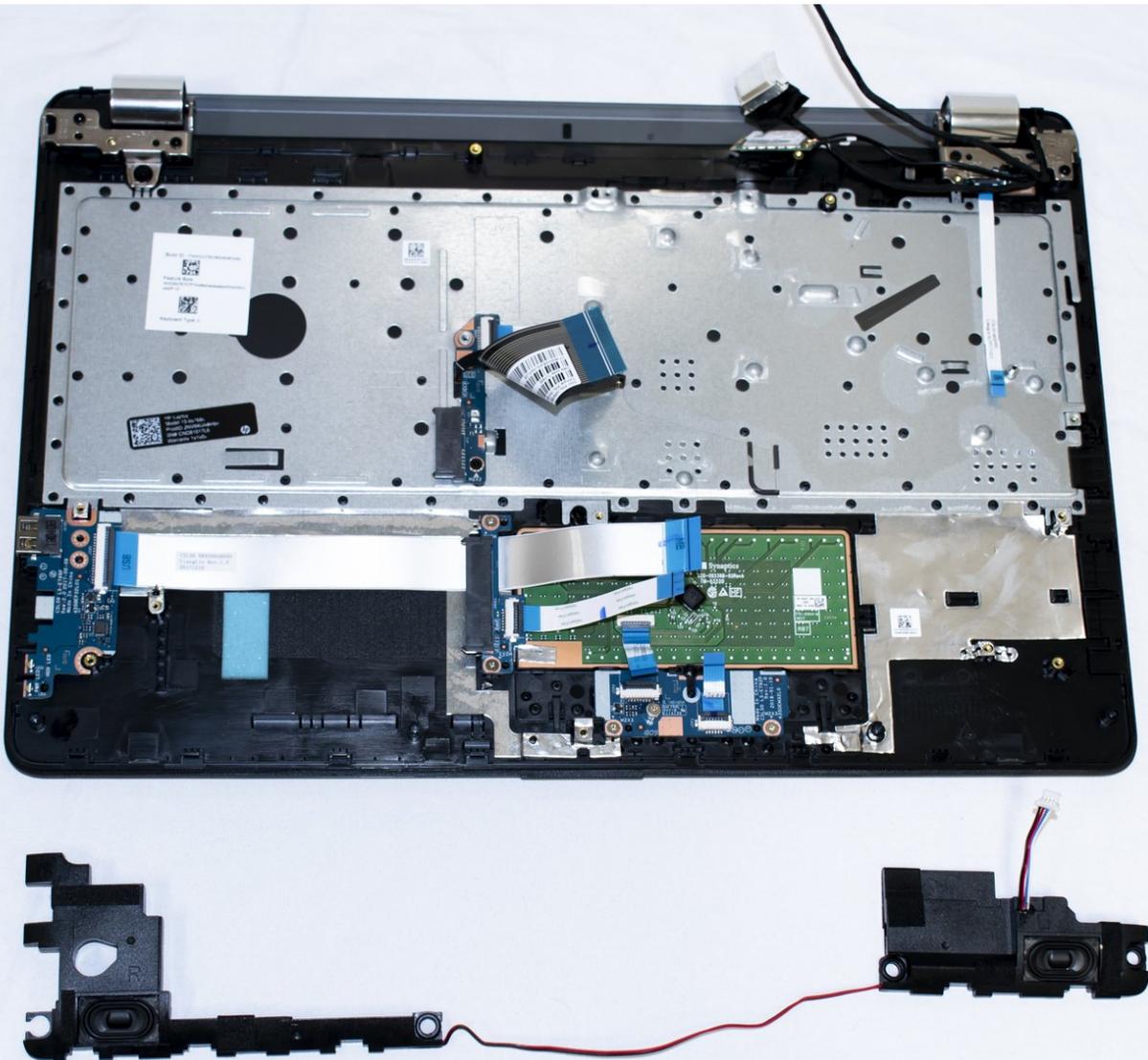




HP 15-bs168cl Speaker Replacement

Use this guide to replace the speakers on an HP 15-bs168cl laptop.

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INTRODUCTION

Here is a step by step guide to remove and replace your speakers for the HP 15-bs168cl. If your laptop's speakers no longer work, are making a “crackling” sound, or unpredictably stop making sound this is the replacement guide for you. Before replacing your laptop speakers, make sure to troubleshoot your audio problems following the steps listed [here](#). After troubleshooting your audio issues, if you are still experiencing distorted audio through your speakers follow this guide to replace them.

TOOLS:

- [Fingers](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [iFixit Opening Picks set of 6](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Spudger](#) (1)
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Step 1 — Battery



- Unplug your laptop from its power adapter.
- Turn the laptop over.

Step 2



- Slide the Battery lock slider to the right until you see the “Unlocked” lock symbol.

Step 3



- Slide the Battery release slider towards the battery while pulling the battery out.

Step 4 — Hard Drive



- Use a Phillips #1 screwdriver to remove the six 10.5 mm screws visible on the bottom of the laptop.

Step 5



- Carefully peel the four rubber feet off the bottom to reveal the four hidden screws.
- Use a Phillips #1 screwdriver to remove the four 10.5 mm screws.

Step 6



- Remove the DVD drive by carefully sliding it out.

Step 7



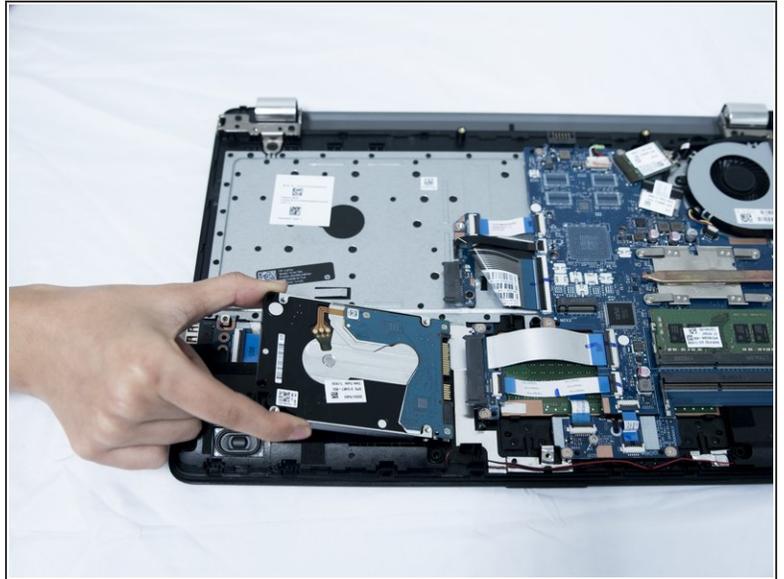
- Flip the laptop over and open the screen.
- Carefully use a flat plastic card to separate the bottom plastic shell from the main body of the computer. Slowly slide the plastic card around the computer in between the two halves of its casing.
- Flip the computer back over and remove the bottom plastic shell.

Step 8



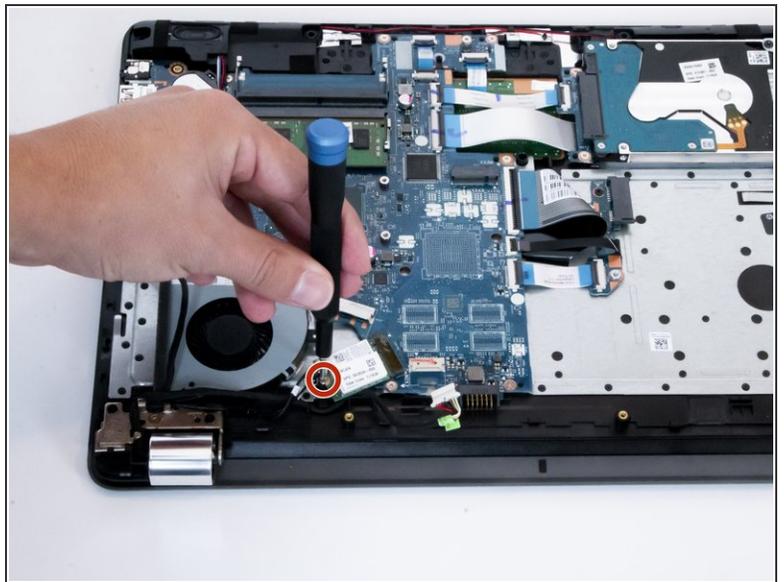
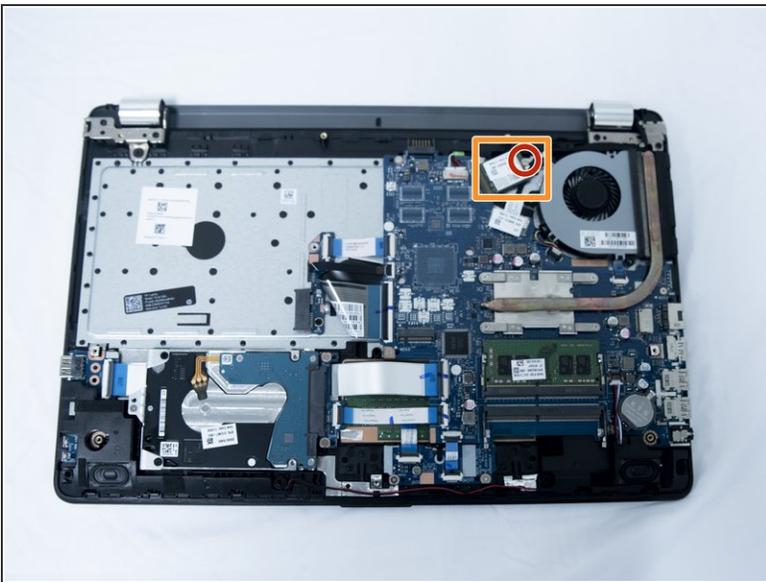
- Use a Phillips #1 screwdriver to remove the two 3.4 mm screws on the sides.
- Use a Phillips #0 screwdriver to remove the one 3.3 mm screw at the bottom of the bracket.

Step 9



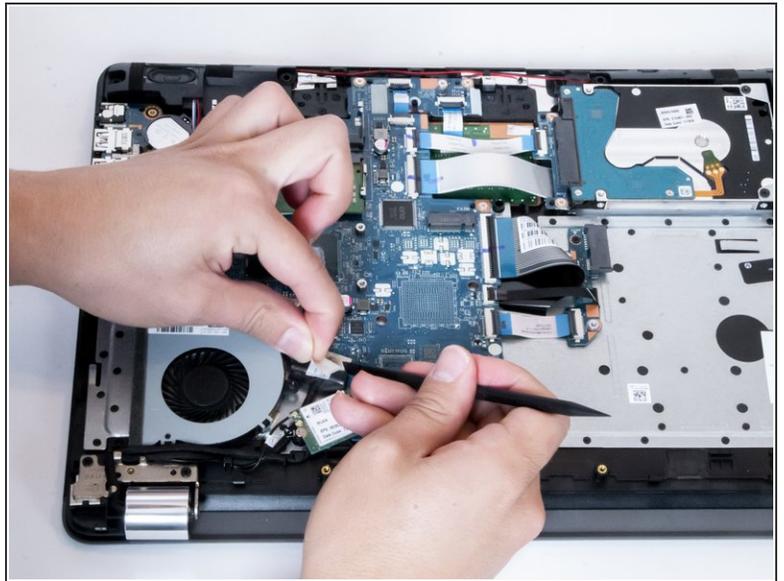
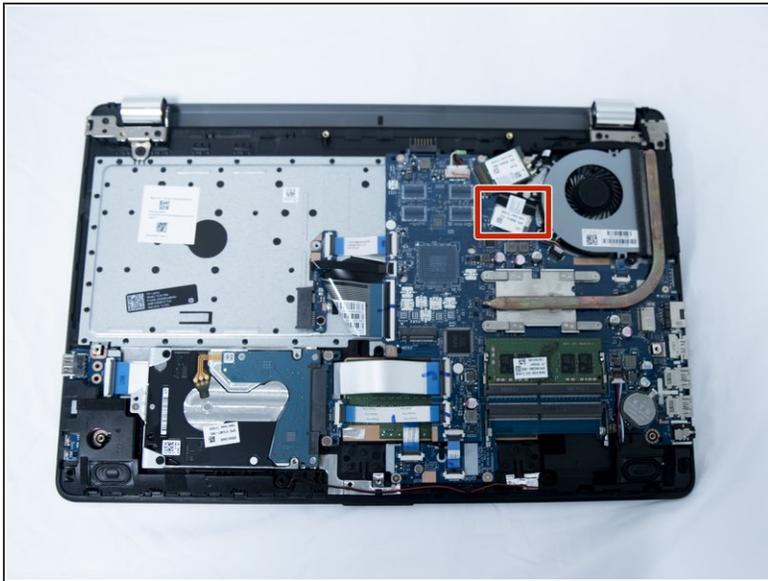
- Remove the metal bracket holding the hard drive in place.
- Carefully lift up the hard drive and slide it out of its connector.

Step 10 — Speaker



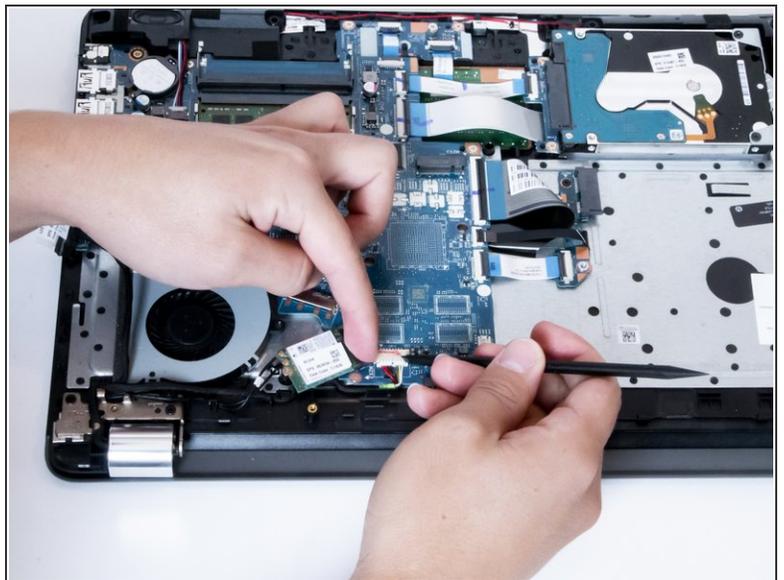
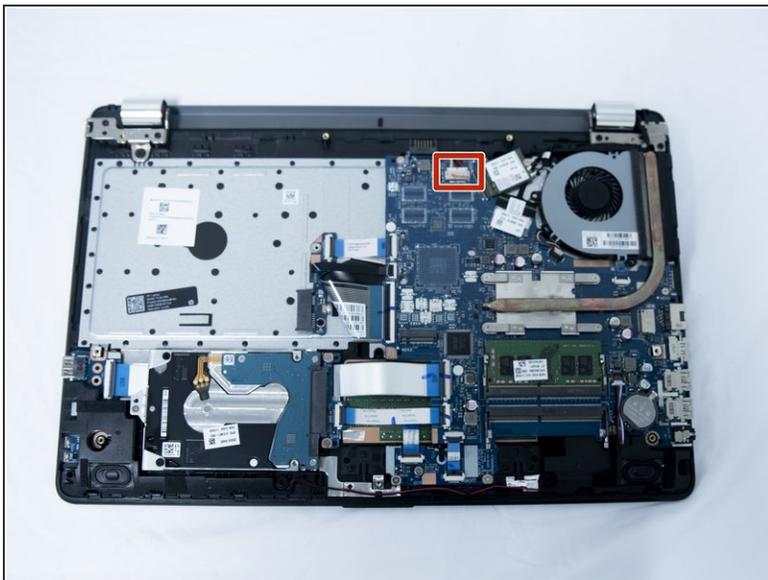
- Using a Phillips #0 screwdriver remove the screw from the Wi-fi card.
- Remove the card.

Step 11



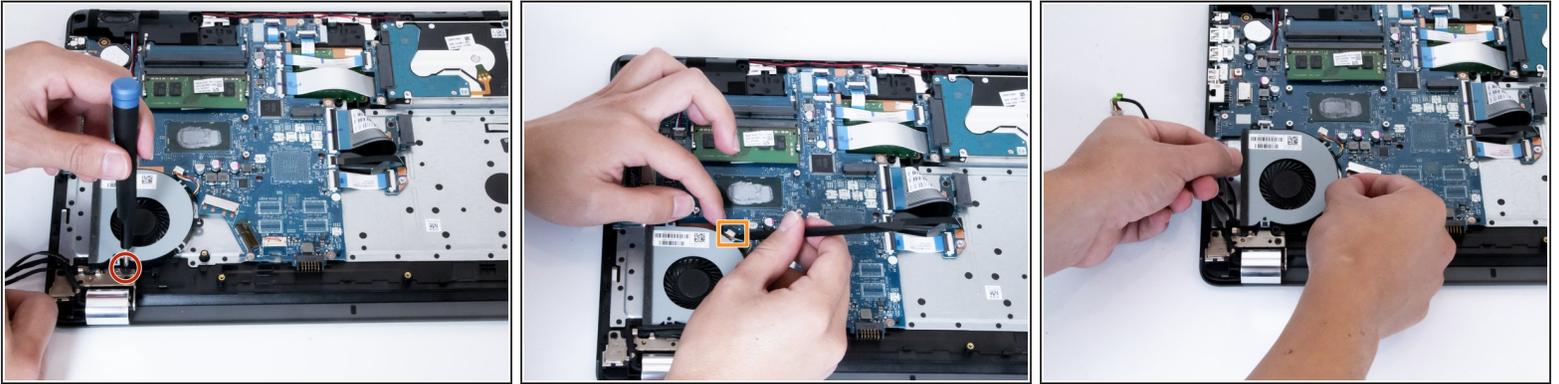
- Carefully unplug the LCD connector using a plastic spudger.

Step 12



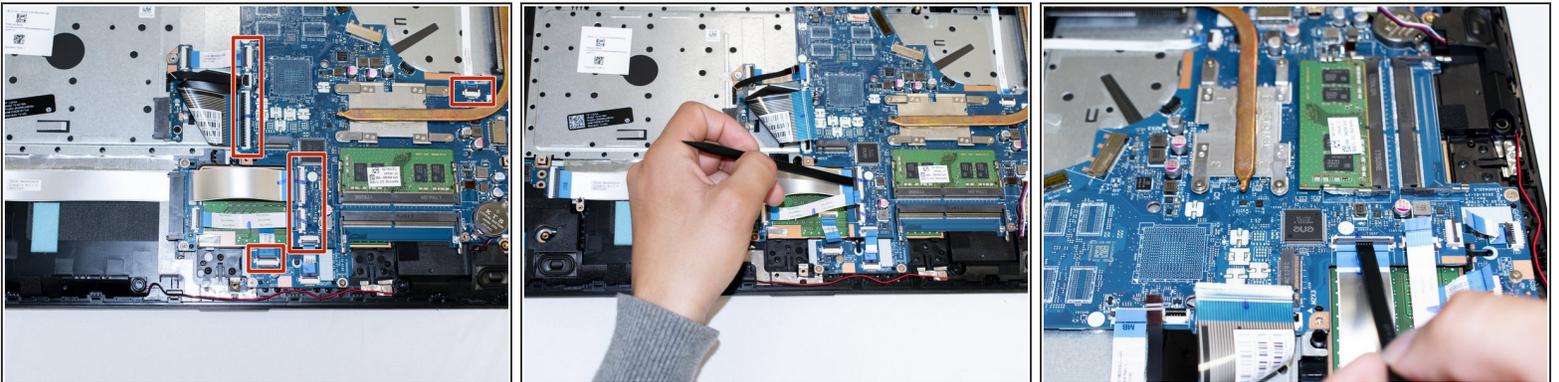
- Unplug the power connector.

Step 13



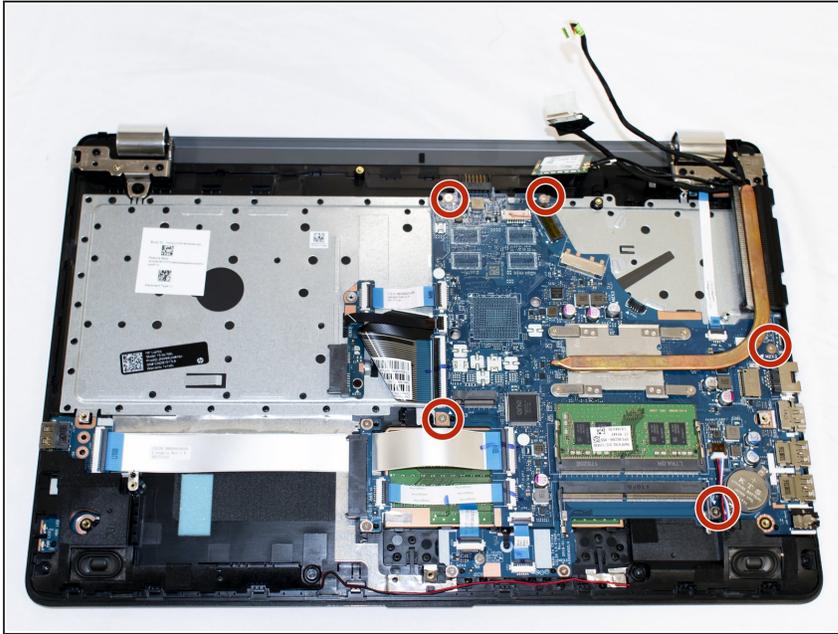
- Pull all three cables to the side to reveal the 6.7 mm screw attached to the fan.
- Remove the screw with a Phillips #0 screwdriver.
- Unplug the fan connector.
- Pull out the fan carefully leaving the heatsink in place.

Step 14



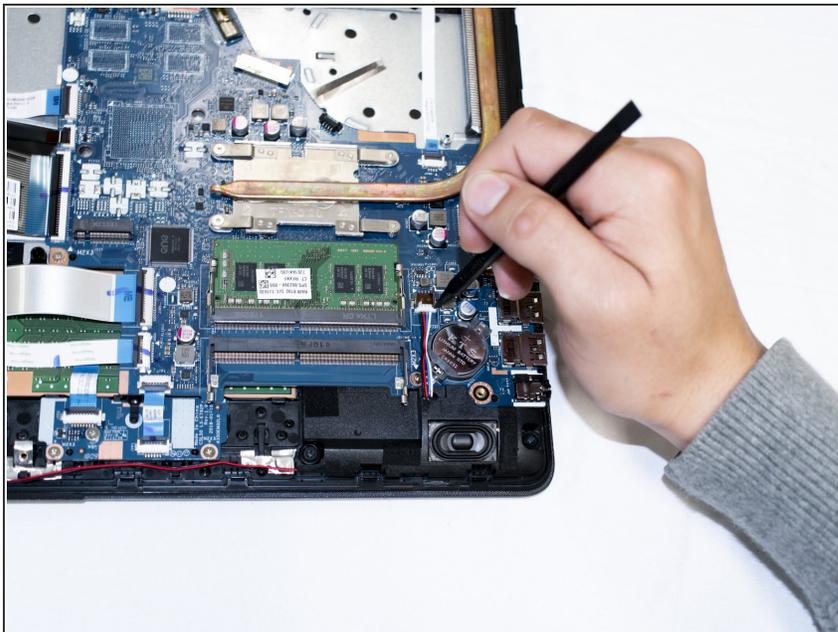
- Unplug the eight ribbon cables by flipping up the “easy-on” connector using the flat end of the plastic spudger.

Step 15



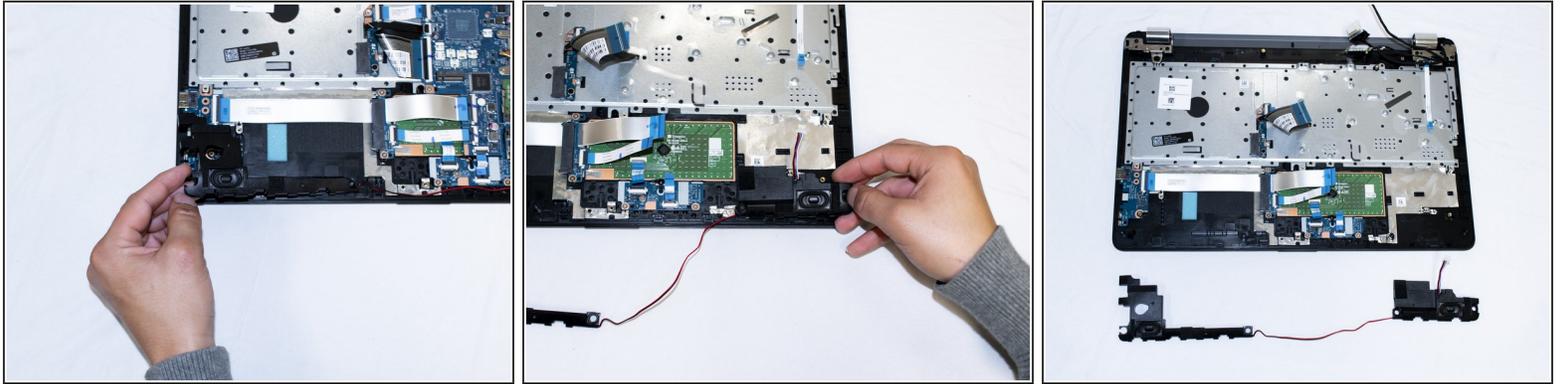
- Use a Phillips #0 screwdriver to unscrew the five 3.3mm screws from the motherboard.

Step 16



- Unplug the speaker cable from the motherboard.
- Remove the motherboard by carefully pulling it out using the plastic spudger.

Step 17



- Pull the left speaker assembly out and make sure to carefully remove the speaker wires from the guide channel towards the bottom of the computer.
- Carefully pull out the right side of the speaker assembly.

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