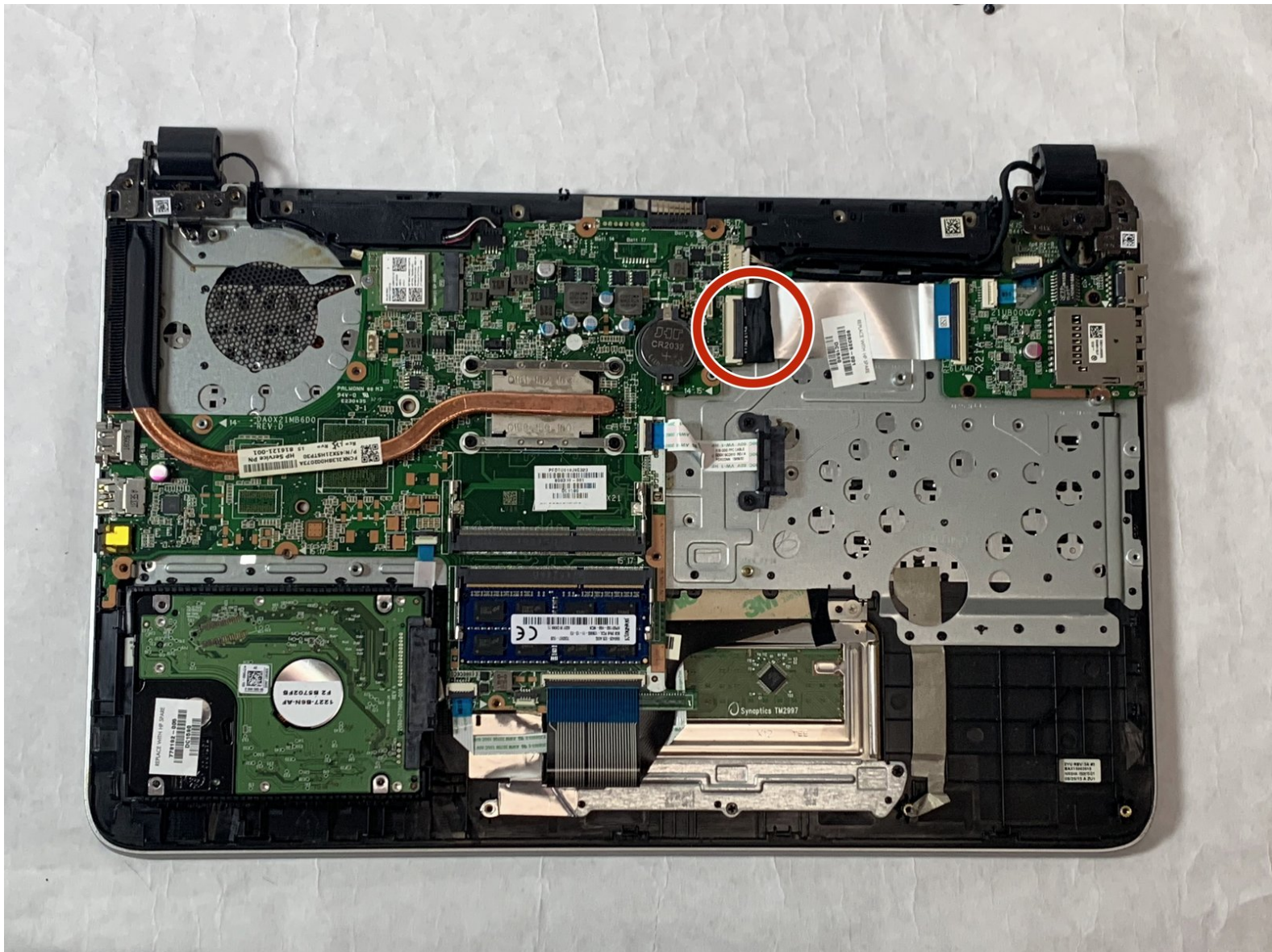




HP Pavilion 15-AB153NR Speaker Replacement

This guide will lead you through replacing the speakers in your HP Pavilion 15-AB153NR.

Written By: Matt Houppert



INTRODUCTION

If you are experiencing issues with your HP Pavilion's audio system, such as audio cutting in and out, distorted audio, or even no audio at all, you might want to consider replacing the speaker system found inside the laptop. The process of replacing the speakers is simple and has very few requirements. One of the requirements is knowledge of how to use basic tools such as a Philips head screw driver. Replacing the speakers requires the removal of many small screws and other small components so the capability of organizing these parts and pieces is every important to ensure you do not misplace anything important and your computer goes back together properly. It is also suggested that the person replacing the speakers wear a static discharge bracelet around their wrist or ankle to reduce the risk of passing a charge to certain computer elements susceptible to these charges. For a relatively small amount of money and ten minutes of effort, you can make your laptop sound like it's brand new.



TOOLS:

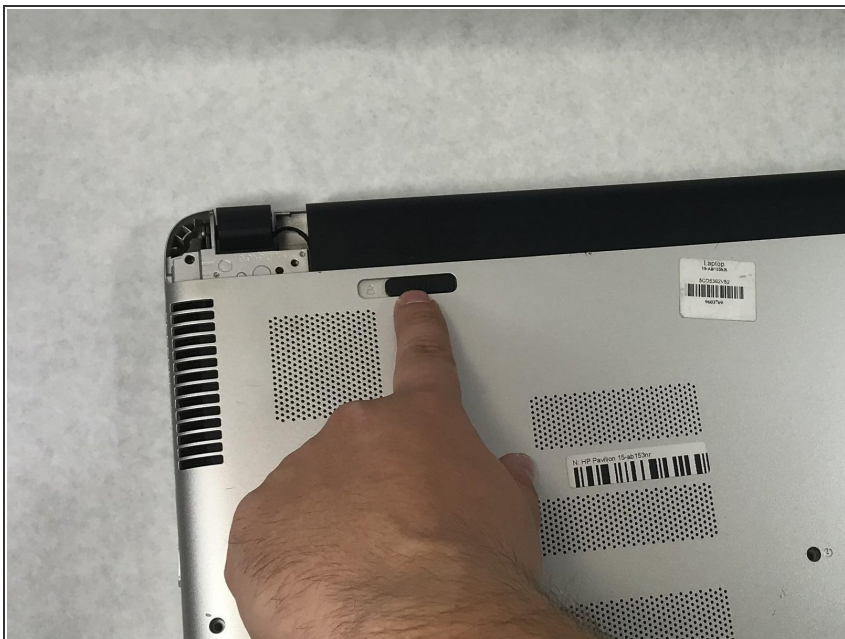
- [Phillips #1 Screwdriver](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)



PARTS:

- [HP 3BX15TP10 replacement speakers](#) (1)

Step 1 — Battery



- ❗ Ensure computer is turned off and unplugged.
- Slide the battery lock latch on the left to unlock. Slide from left to right to unlock.

Step 2



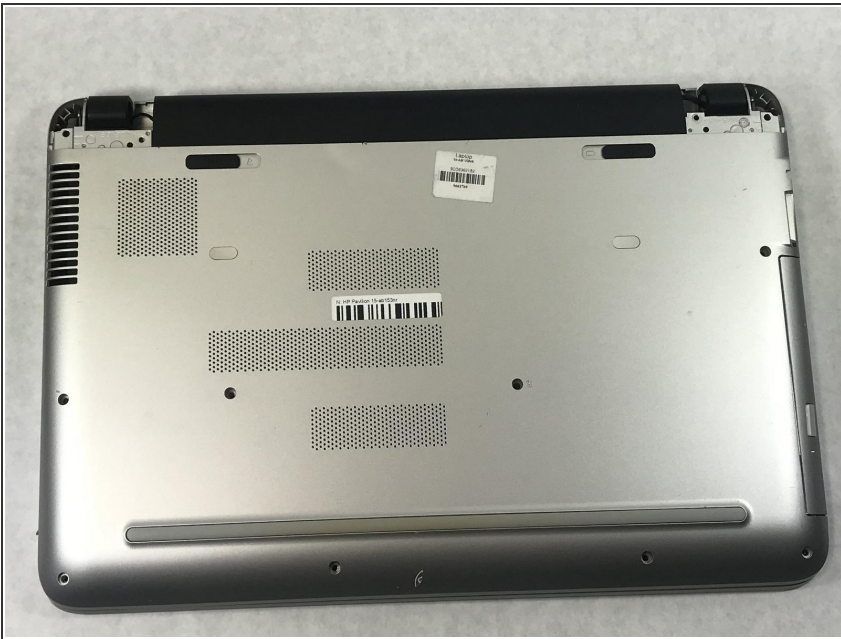
- Slide the battery release latch on the right with continuous force from right to left.
- Once battery pops, you may release latch.


Step 3



- Grab the battery, rotating upwards and away from you. This will remove the battery.

Step 4 — CD/DVD Drive



 Make sure computer is powered off and unplugged.

- Flip computer over so that the bottom is facing the ceiling and the hinges are farthest from you.

Step 5



- Using the Phillips #000 screwdriver, remove the 7 mm screw on the middle right.

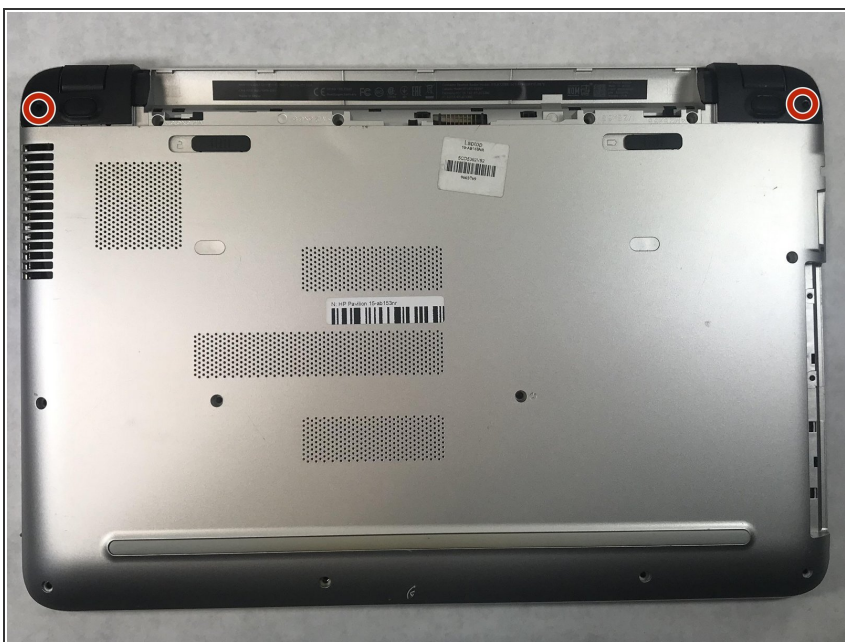
ⓘ There is an icon that looks like a CD stamped into the back panel near this screw.

Step 6



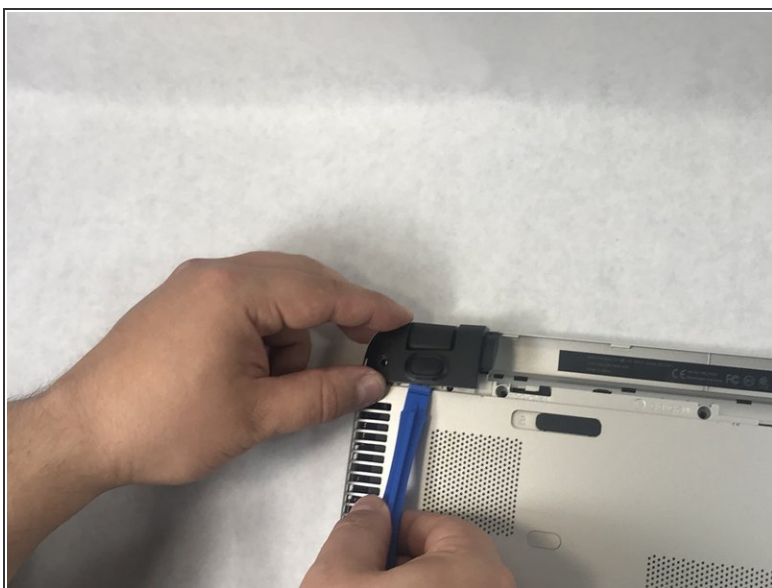
- Slide the drive out from the right side of the device.

Step 7 — Bottom Case Cover



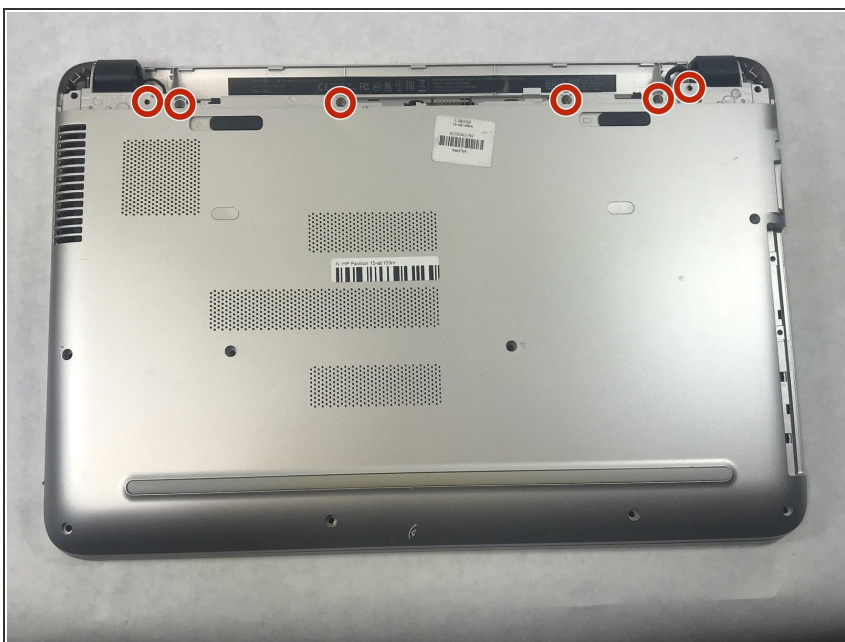
- Using the Phillips #1 screwdriver, remove the two 12mm screws located on the hinge covers.

Step 8



- Lift the corner covers off of the computer using a prying tool.

Step 9



- Remove the six 6.5mm screws using a Phillips #1 screwdriver that are located near the top of the laptop.

Step 10



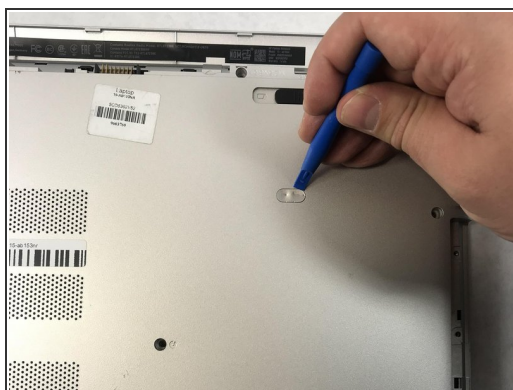
- Remove the remaining seven 6.5mm screws using a Phillips #1 screwdriver that are securing the back cover.

Step 11



- Use the Phillips #0 screwdriver to remove the two 2mm screws.


Step 12



- Use prying tools to pry the covers off of the screwholes.
- Using the Phillips #1 screwdriver, remove the two 6.5mm screws.

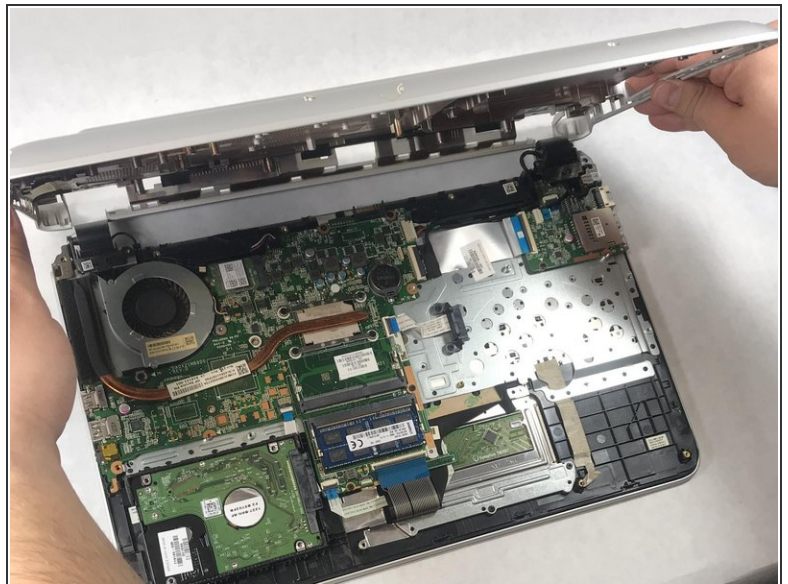
Step 13



 Be mindful of sharp edges on computer while using prying tools.

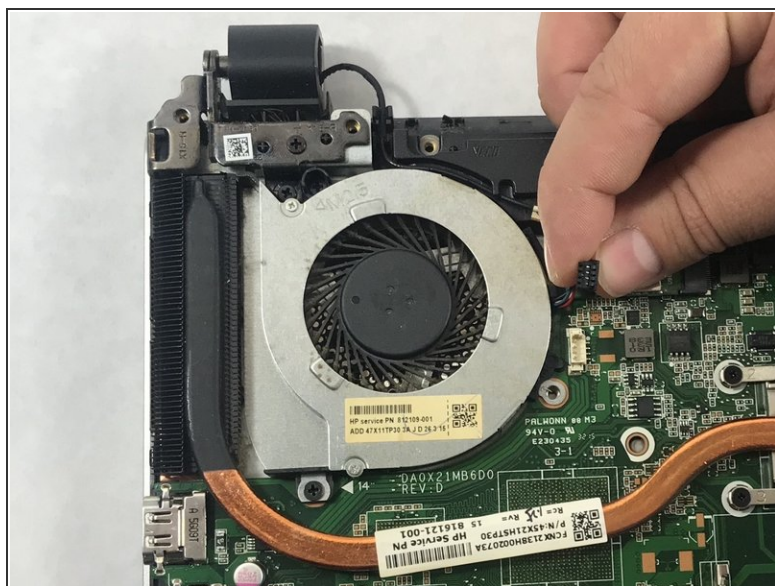
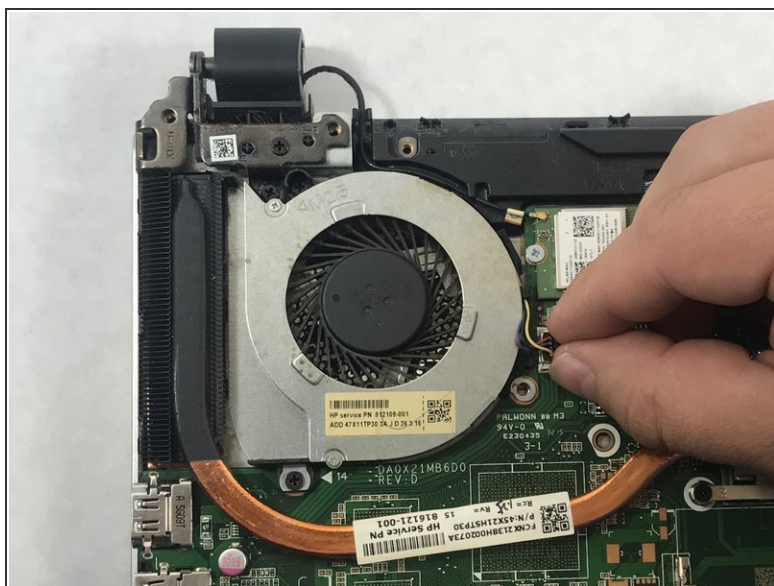
- Flip computer over and open so that the screen is facing you.
- Starting at the bottom right corner, insert the prying tool and lift upwards to loosen the back panel.
- Continue down all sides and corners of the device.

Step 14



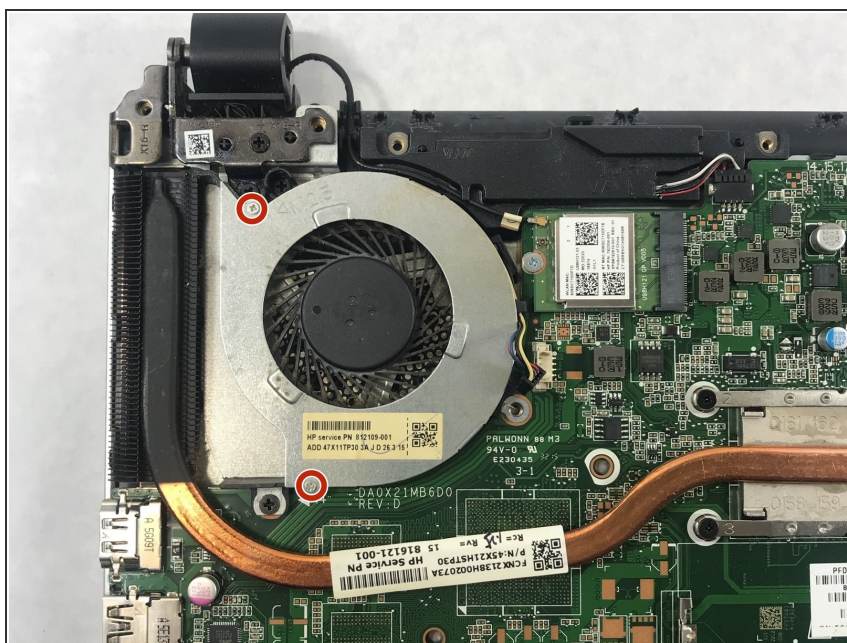
- Flip laptop back over so that the bottom is facing up
- After all sides are loosened, remove the back panel from the device.

Step 15 — Cooling Fan



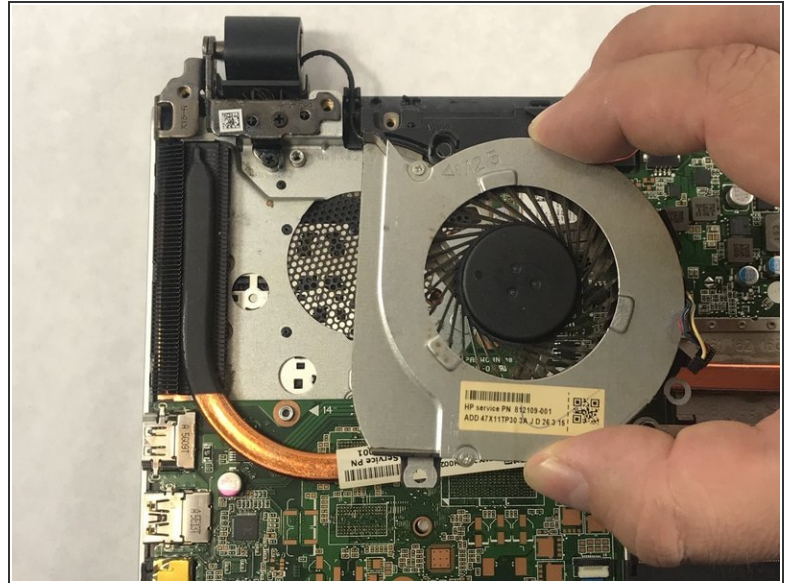
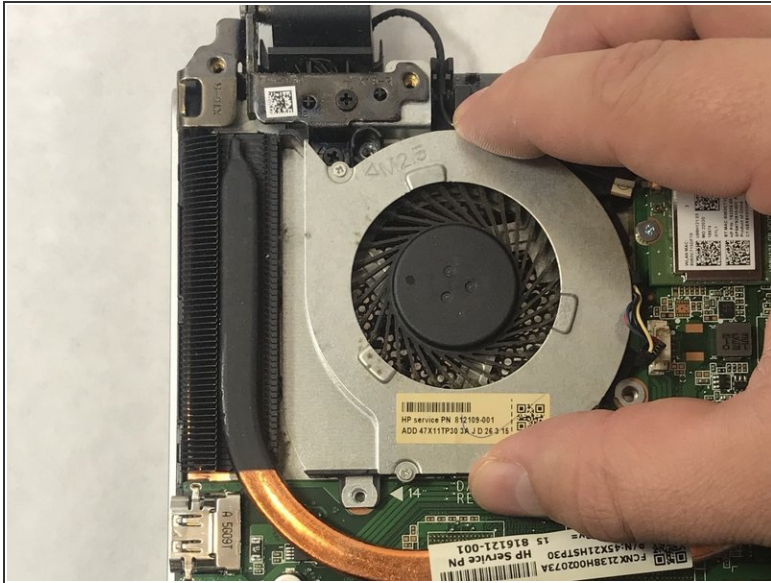
- Disconnect fan cable from the motherboard.

Step 16



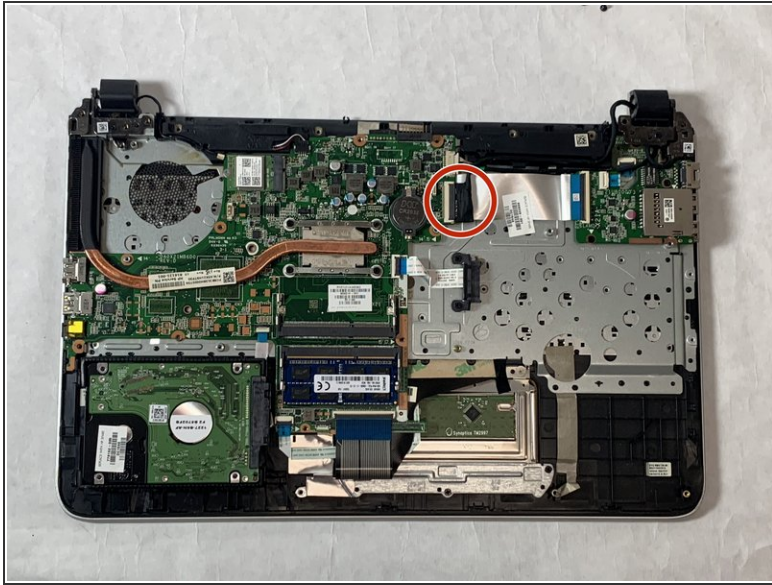
- Remove both 3mm screws connected to the fan using Phillips #1 screwdriver.


Step 17



- Remove the fan from the computer.

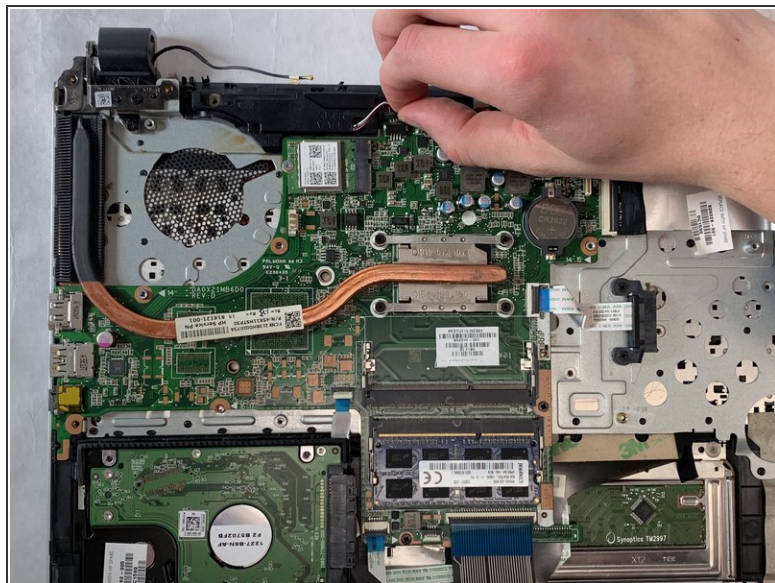
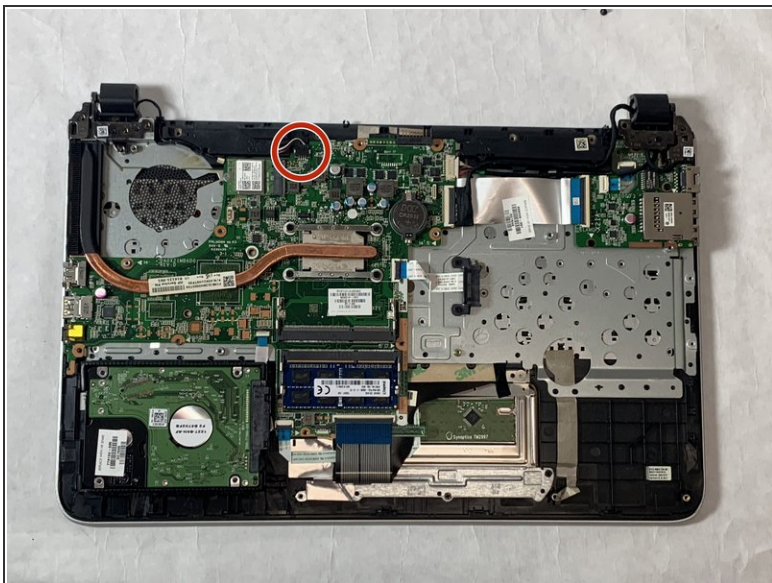
Step 18 — Speaker



 Disconnect wiring harnesses by gently applying pressure to the plastic clip. Do not pull on the wires.

- Disconnect the wiring harness that is routed through the speaker from the motherboard.
- Remove the wiring harness from the groove in the speaker.

Step 19



- Disconnect the speaker wiring from the motherboard.

i If this clip is too difficult to remove by hand, tweezers or pliers can be used to gently initiate separation.

Step 20



- Remove the speakers.

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