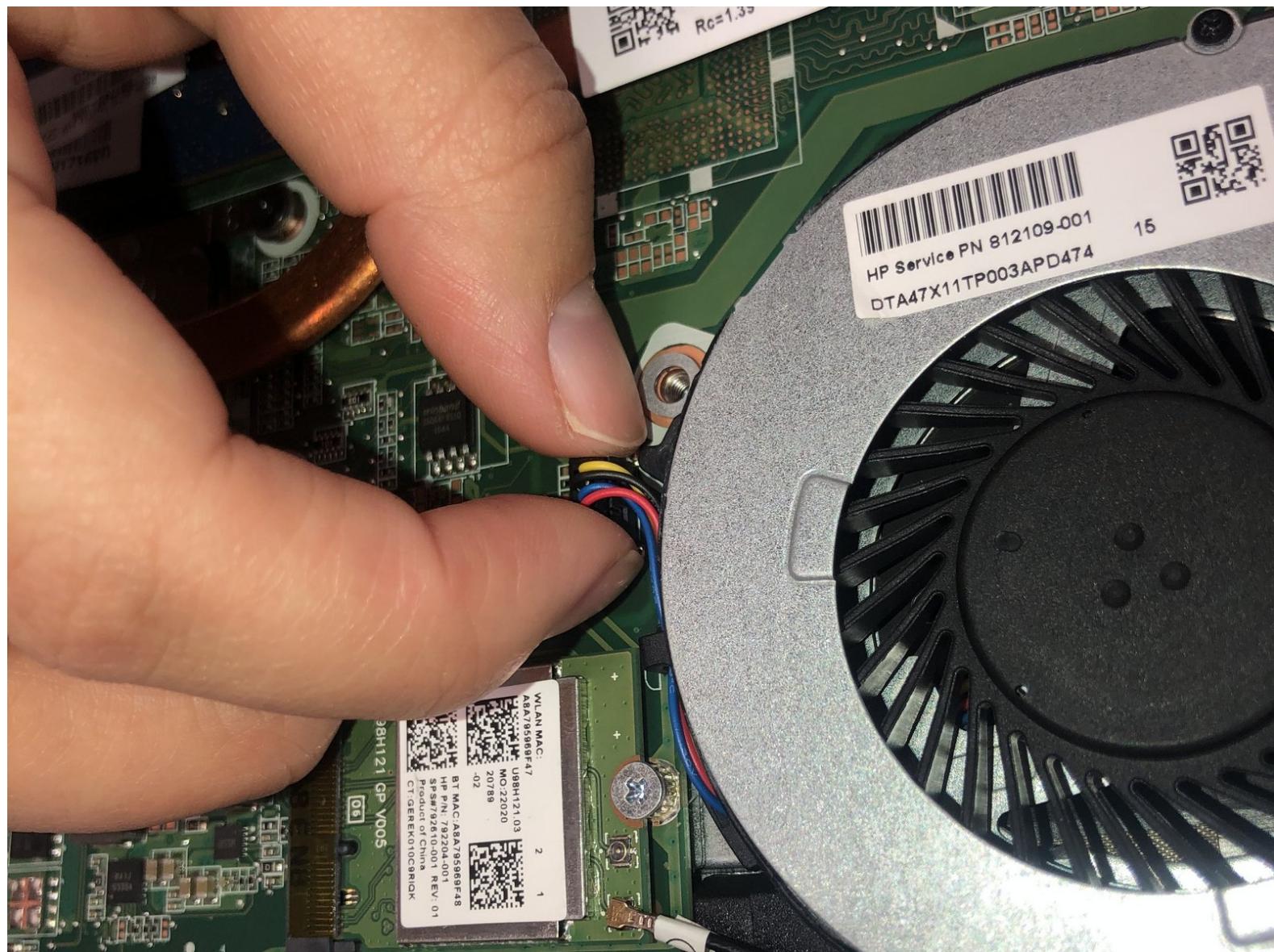




HP Pavilion 15-ab165us Fan Replacement

This guide will accomplish the replacement of the fan for the HP Pavilion 15-ab165us.

Written By: Chad Christy



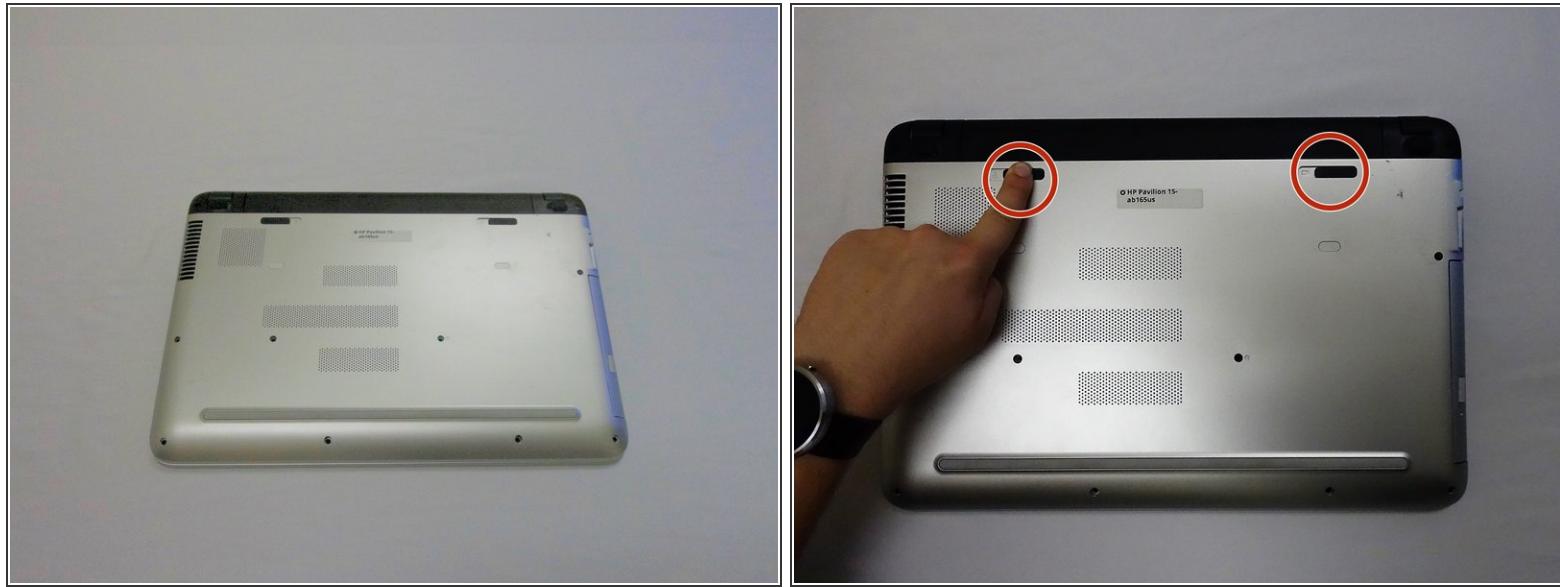
INTRODUCTION

This guide highlights the removal/replacement of the HP Pavilion 15-ab165us fan. The fan is a part used in electronics to dissipate heat out of the device. When the fan becomes damaged or the device stays at high temperature levels, it is recommended to replace the fan.

TOOLS:

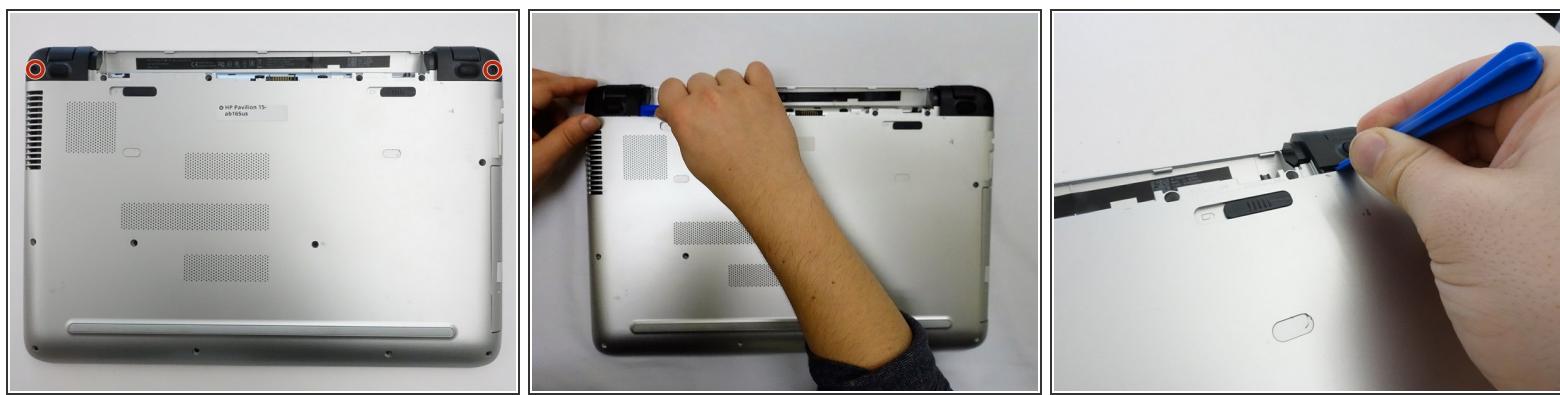
- [Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Metal Spudger](#) (1)

Step 1 — Battery and Back Cover



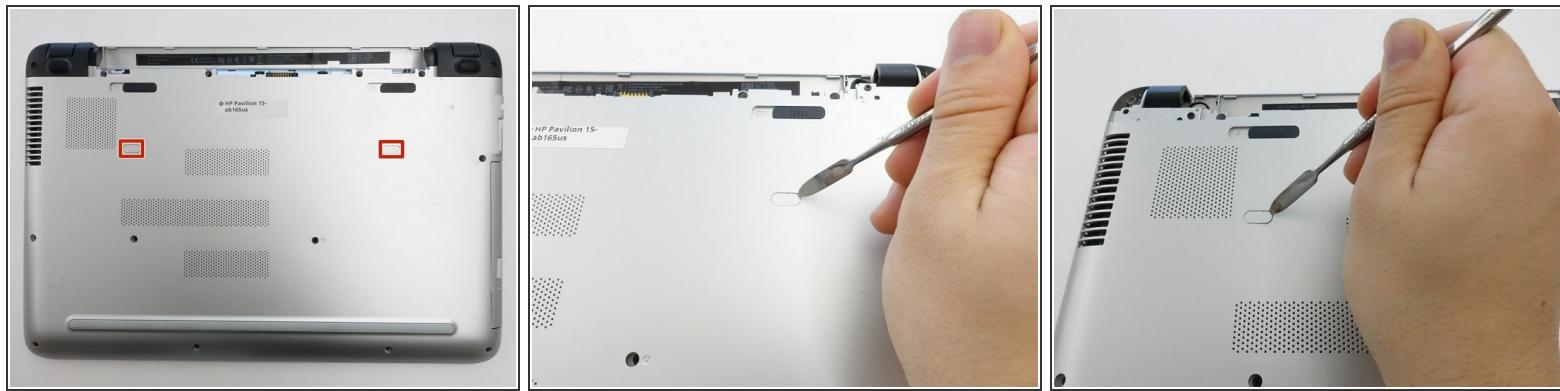
- Flip the computer over so that the bottom cover is facing you.
- Slide the two locks to the "unlock" position and remove the battery.

Step 2



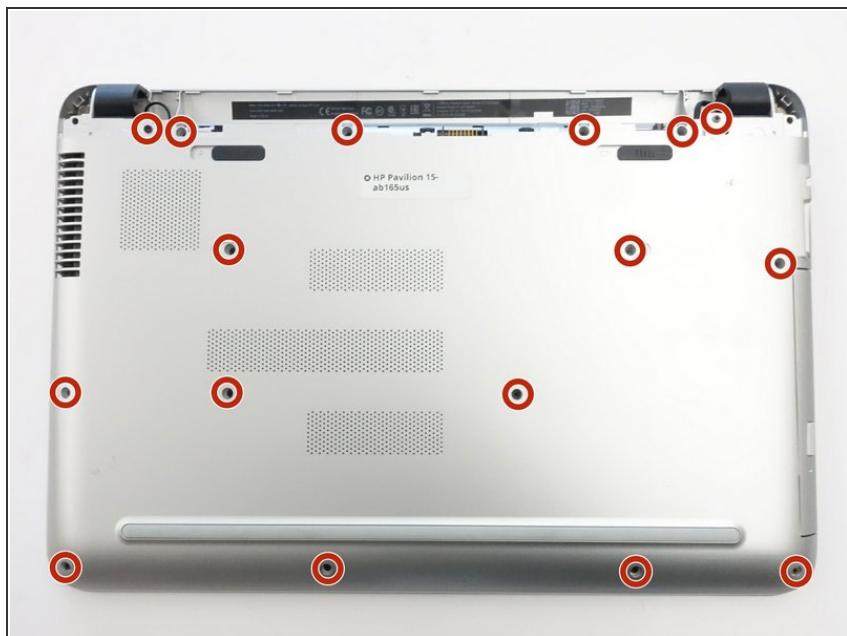
- Remove the two 8mm screws underneath with a Phillips #1 screwdriver.
- Use a plastic opening tool to remove the plastic feet.

Step 3



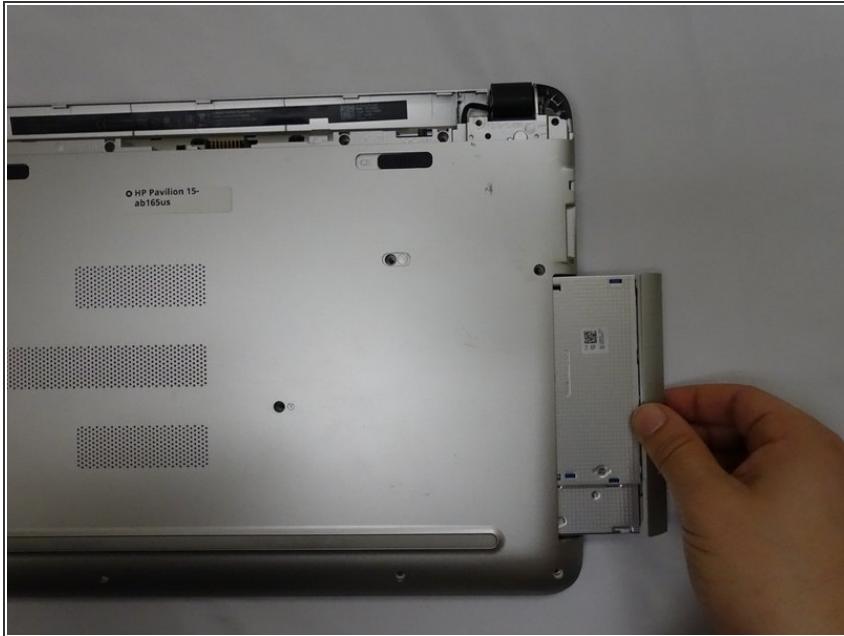
- Remove the two plastic tabs with a metal spudger.

Step 4



- Remove the sixteen 8mm screws that hold the bottom cover with a Phillips #1 screwdriver.

Step 5



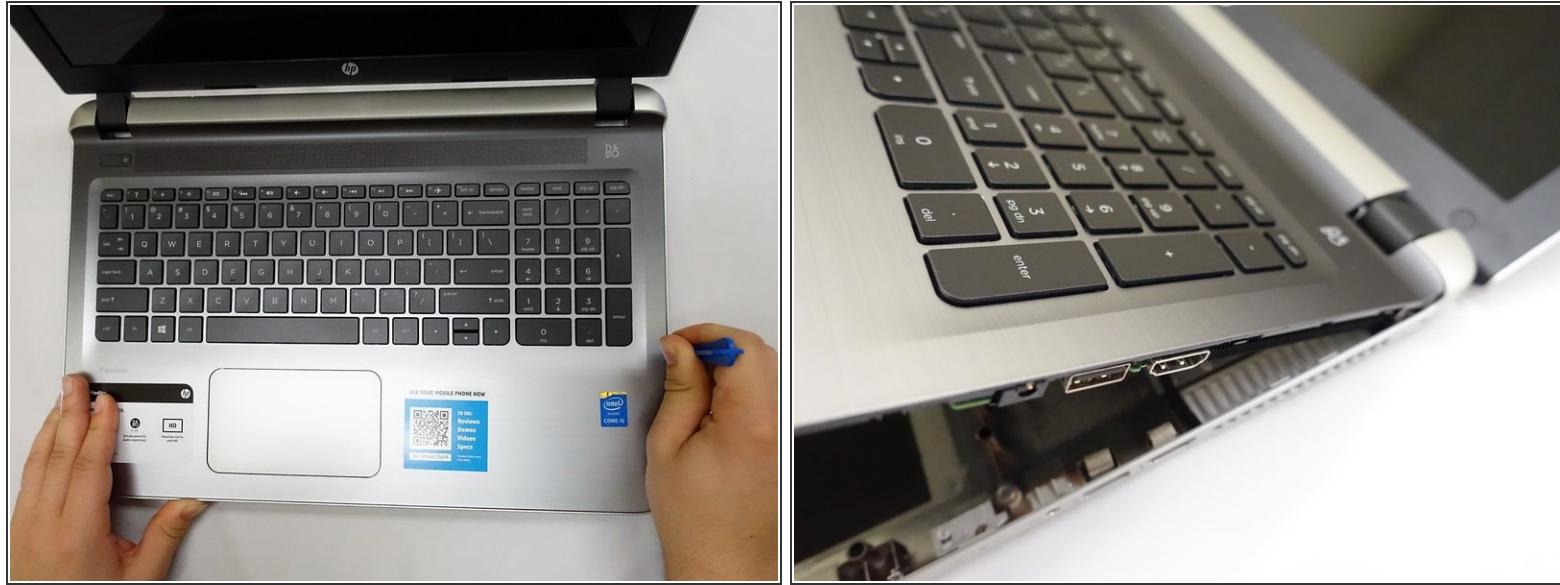
- Pull the Optical Drive out.

Step 6



- Remove the 3mm screws that were hidden under the Optical Drive with a Phillips #00 screwdriver.

Step 7



- Flip the computer back over.
- Use a plastic opening tool to release the clips holding the keyboard section in place.

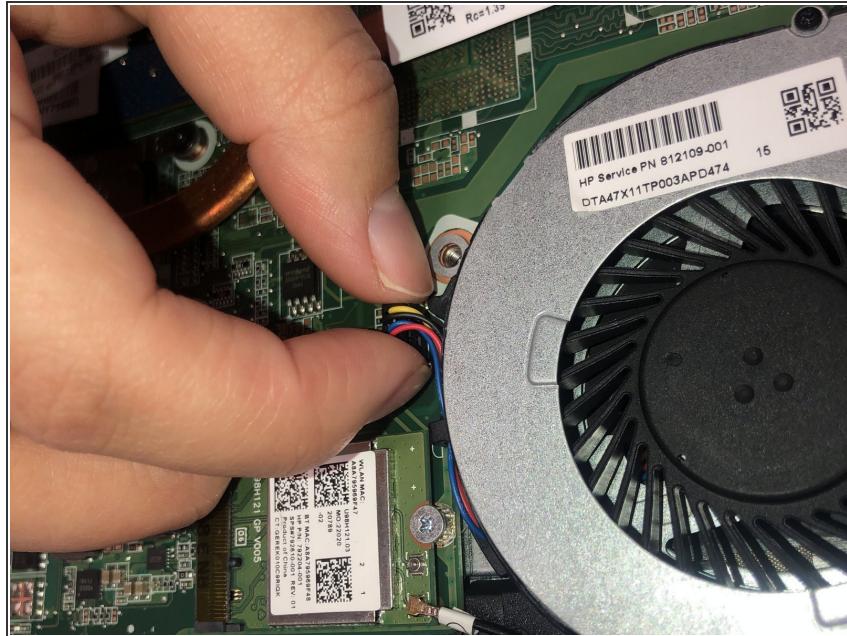
Step 8



- Close the lid and pull the screen and keyboard section up and away from the disconnected bottom cover.

 The hard drive is NOT screwed into place on the underside of the keyboard section.

Step 9 — Fan



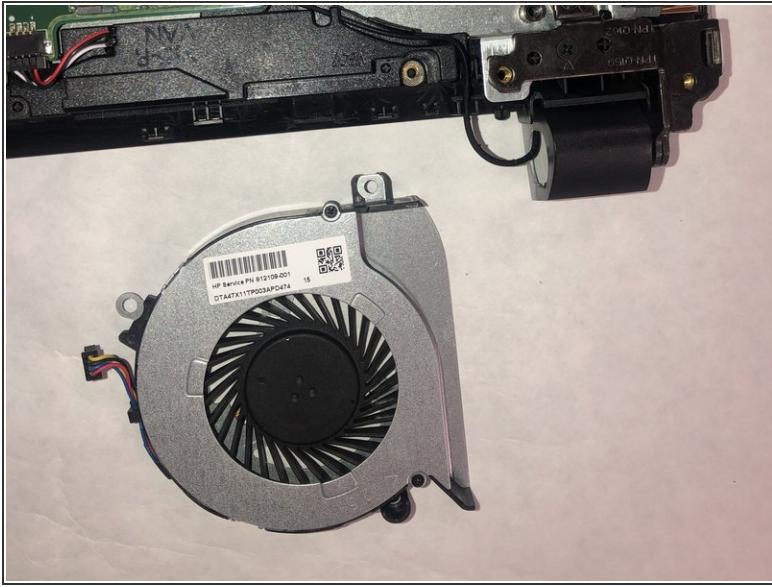
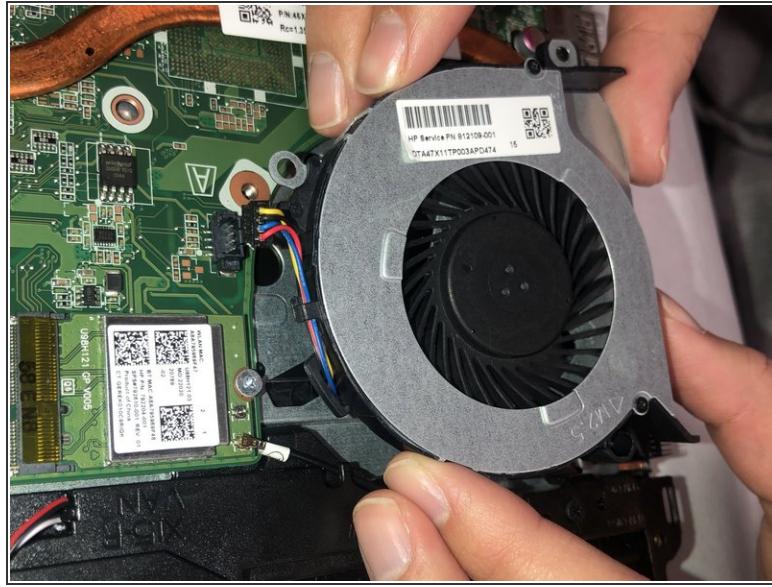
- Disconnect the fan from the motherboard.

Step 10



- Remove the the three 3mm screws with the Phillips#00 screwdriver.

Step 11



- Remove the fan from the motherboard.

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