HP Pavilion 14-c015dx Chromebook Fan Replacement
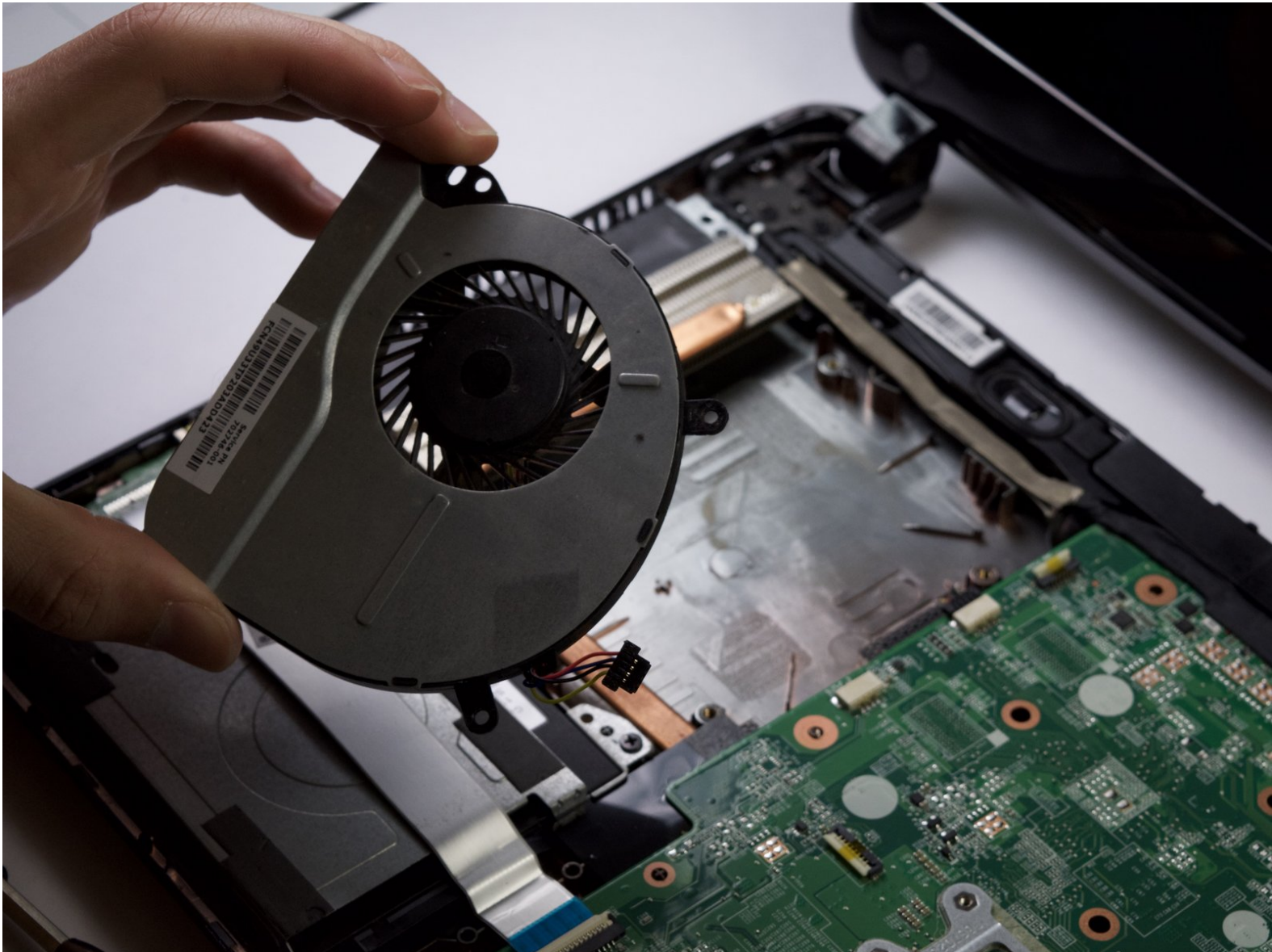
This guide will show you the steps to access and replace the fan.

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INTRODUCTION

This guide will walk you through the steps to replace the fan. Once able to access the fan, you may realize that you do not have to replace it: fans often overheat because the fan is blocked due to dust and other build up. We suggest cleaning the fan before completely replacing it in order to reduce any unnecessary costs.
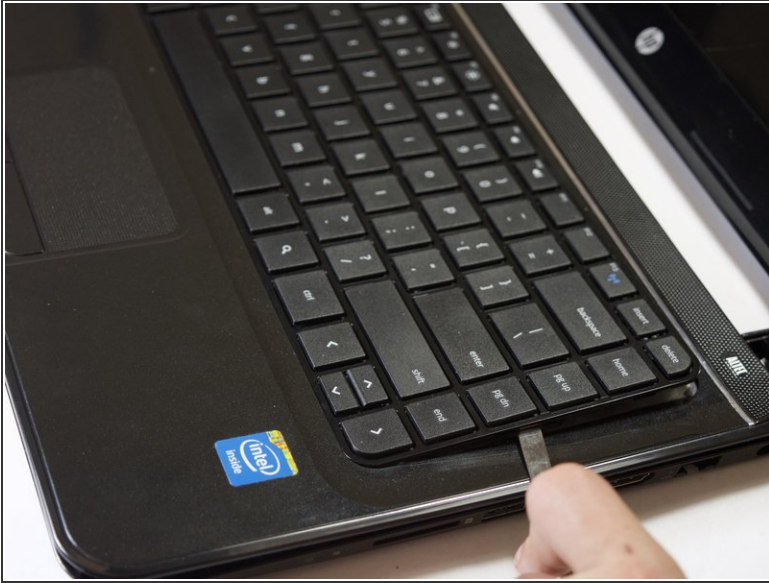
TOOLS:

- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)
- Metal Spudger (1)
- Tweezers (1)

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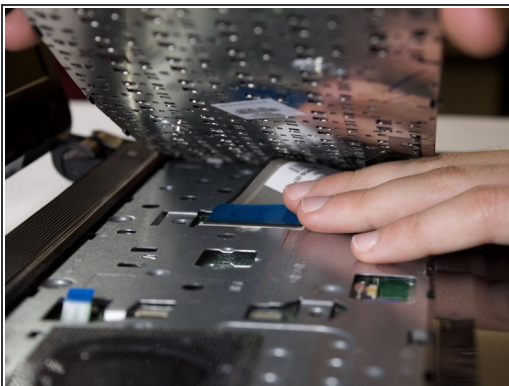
Step 1 — Keyboard

- Remove the two 7mm screws with a Phillips Head #1 Screwdriver.

- ⓘ These screws may not completely come out of the laptop, so just make sure that you have loosened them all of the way.
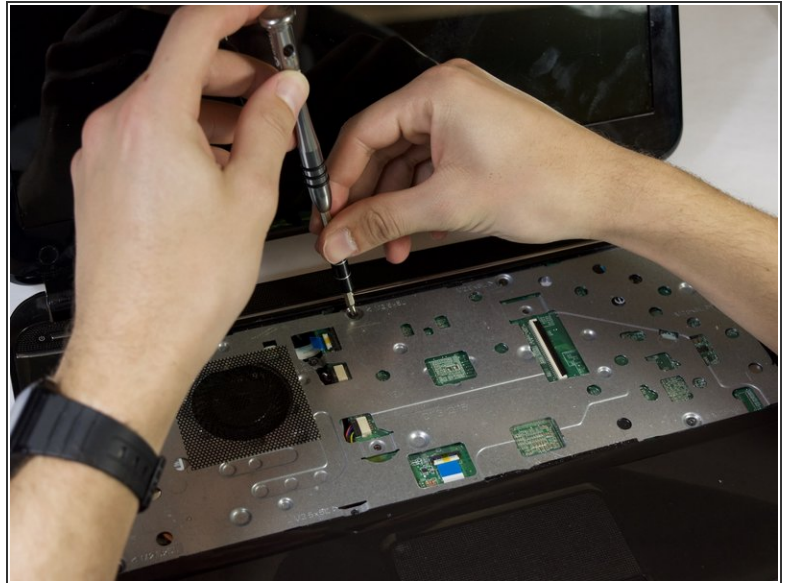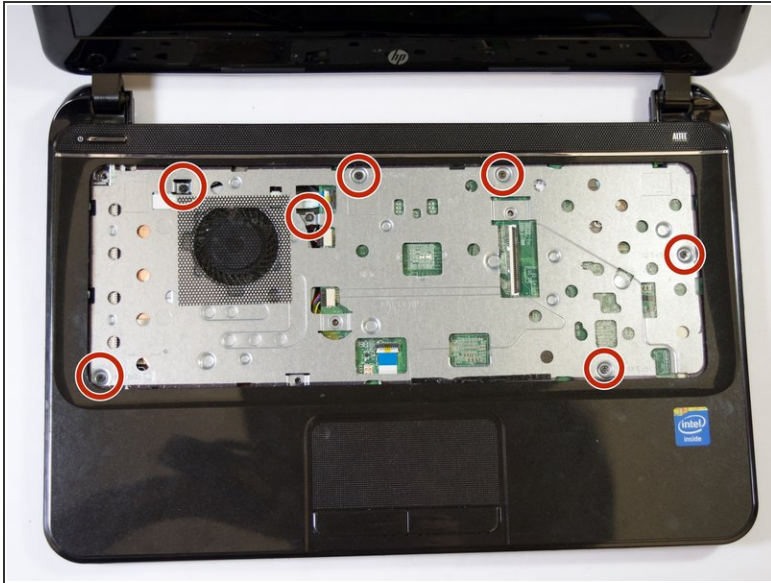
Step 2

- Starting from the left side, use the metal spudger to pry off the keyboard.

- Run the spudger across the edges until all plastic clips are popped up and the keyboard is free from the palm rest assembly.

⚠ Do not pull the keyboard away from the computer while popping the keyboard off, there is a connector cable in the bottom center of the keyboard that will be disconnected in the next step.
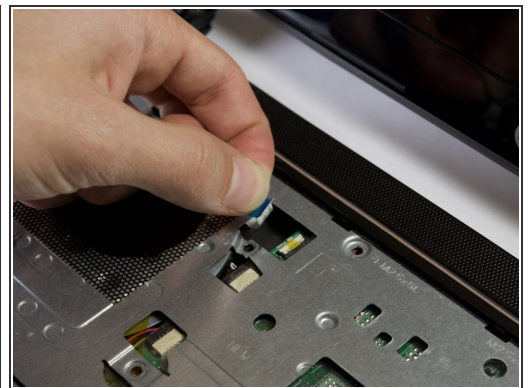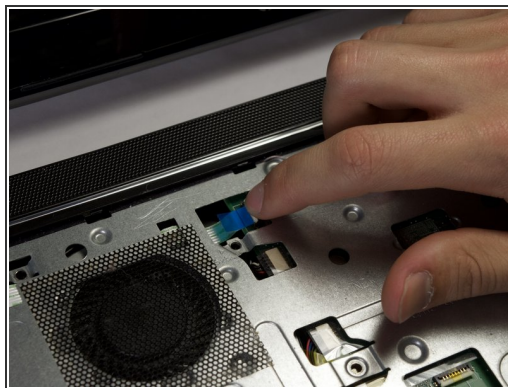
Step 3

- Detach the circuit connector by flipping up the black flap upwards and gently pulling the connector out by pulling up on the blue release tab.

- Lift the keyboard away from the computer once the connector is detached.

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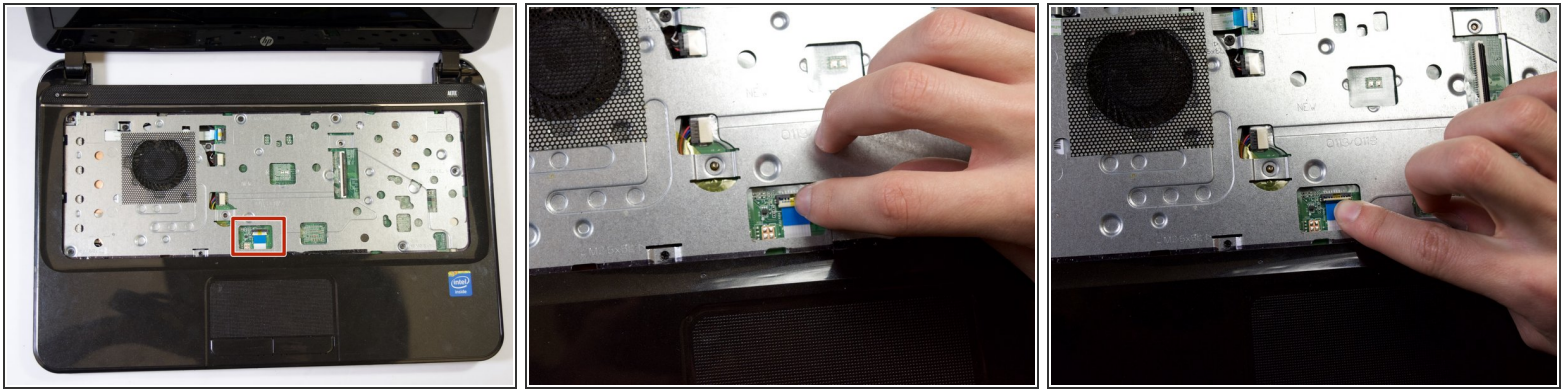
Step 4 — Fan

- Locate these seven circled screws.

- Remove the seven 5mm screws using the Phillips Head #1 Screwdriver.

Step 5

- Locate the ribbon cable near the top of the keyboard area.

- At the cable base, lift the white tab with a fingernail and then pull on the blue section of the cable to release it.

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Step 6

- Locate the ribbon cable just above the touchpad.

- Disconnect the cable by lifting the white tab at the base of the cable with a fingernail and then pulling on the blue section of the cable.
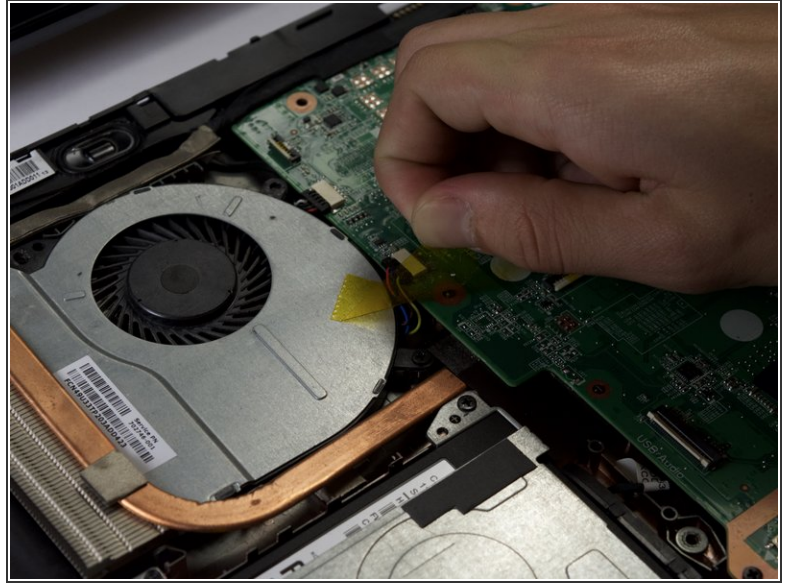
Step 7

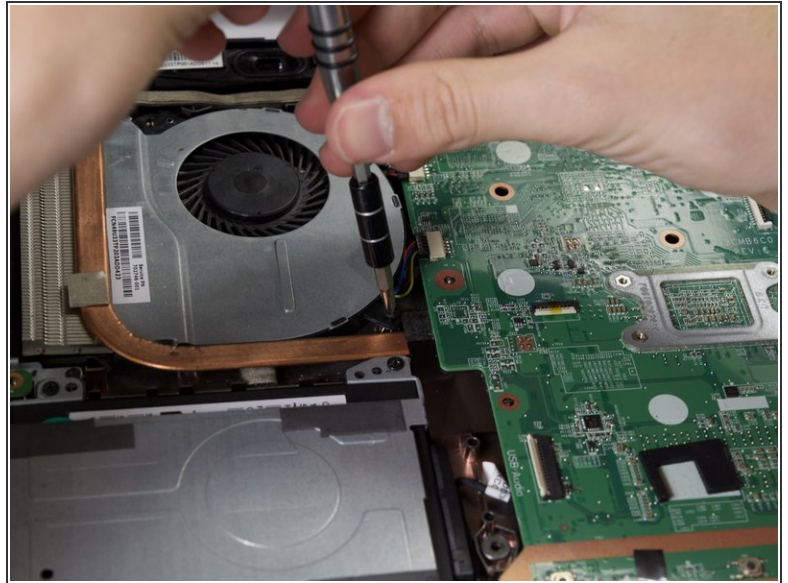- Remove the eight 7mm screws with a Philips Head #1 screwdriver.
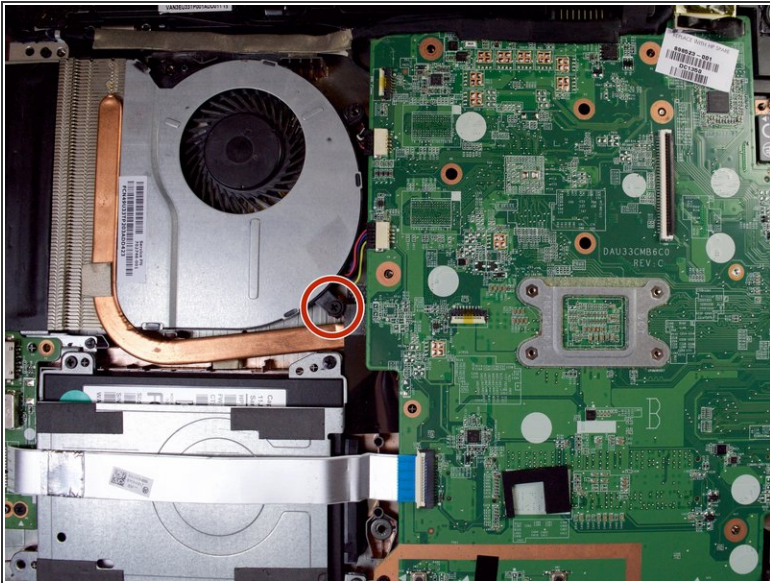
Step 8

- Remove the plastic palm rest assembly using the metal spudger.

- Go little by little around the edge and carefully pry off the plastic palm rest assembly.
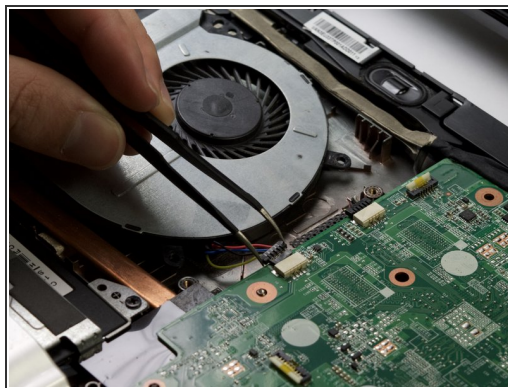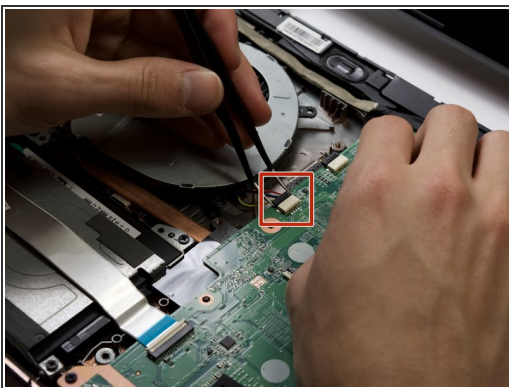
Step 9

- Locate the protective yellow tape that is covering two wires in between the fan and the motherboard.

- Remove this yellow tape.

- (i) Some laptops may not have this protective yellow tape. If yours does not it does not matter, just skip this step.

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Step 10

- Locate the single remaining screw holding the fan in place.

- Remove the 5 mm screw using a Phillips Head #1 Screw Driver.

Step 11

- Locate the wires that connect the fan to the motherboard.

- Remove this wire connector using the tweezers.

- You can now completely remove the fan from the laptop.

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

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