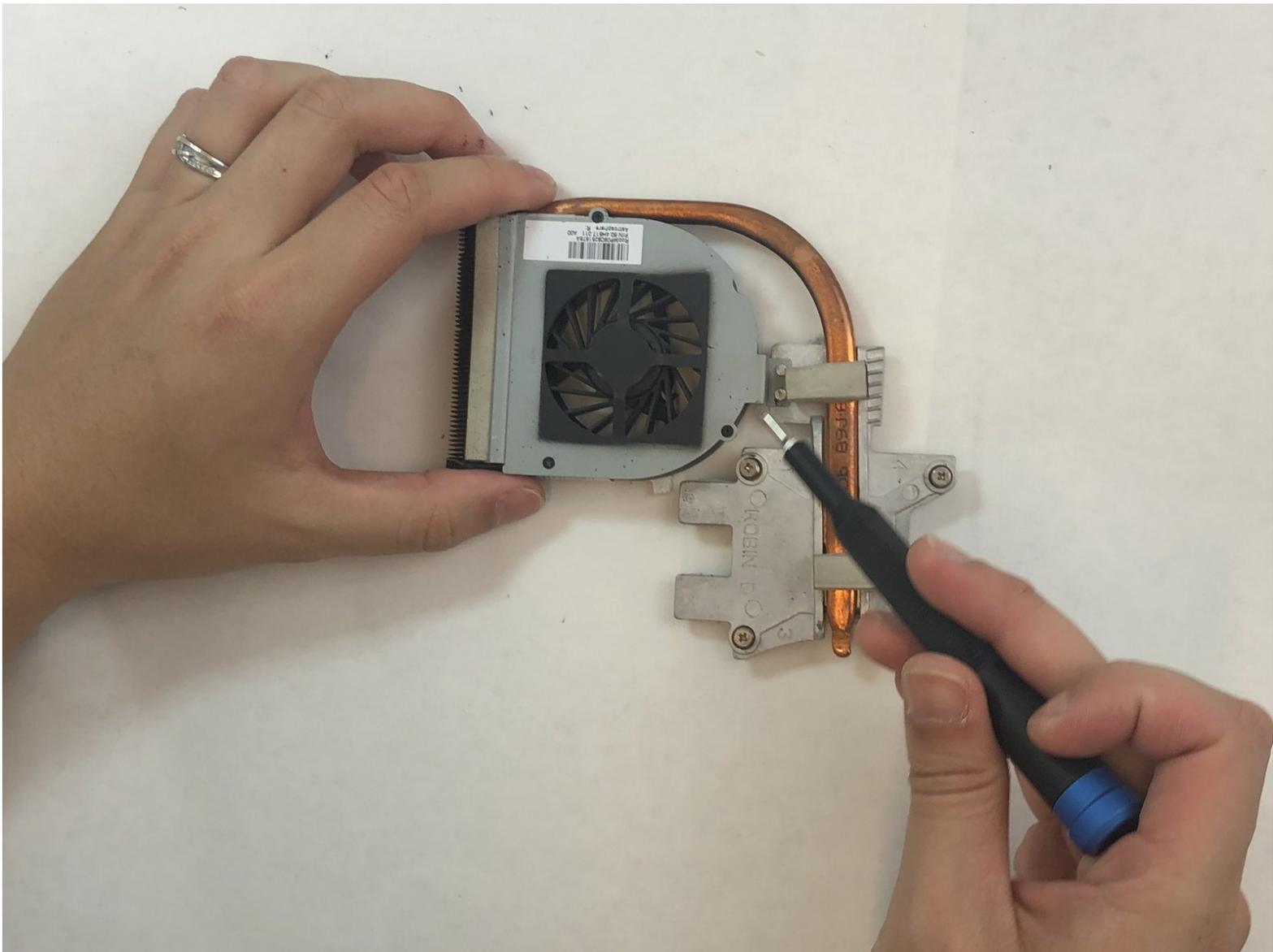# HP Pavilion G60-120US Fan Replacement

How to replace an HP Pavilion G60-120US fan.

Written By: Won Chan Park

INTRODUCTION

Fans can attain a lot of dust and debris that will result in the fan becoming damaged. The fan is responsible for cooling the internal components of the computer. Replacing the fan will allow the HP Pavilion G60-120US to function normally again as well as run more efficiently.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Phillips #0 Screwdriver (1)

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Step 1 — Battery

⚠️ Make sure the laptop is turned off.

● Turn the laptop over to reveal the battery.

Step 2

● Slide and hold the battery release switch to the left to release the battery from the device.

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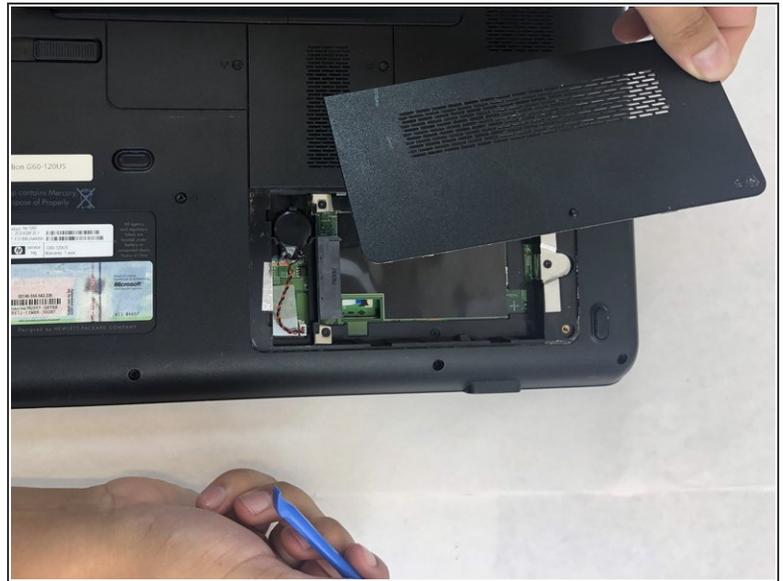
Step 3

- While holding the battery release switch, grab the battery and pull it upward gently.

Step 4 — Keyboard
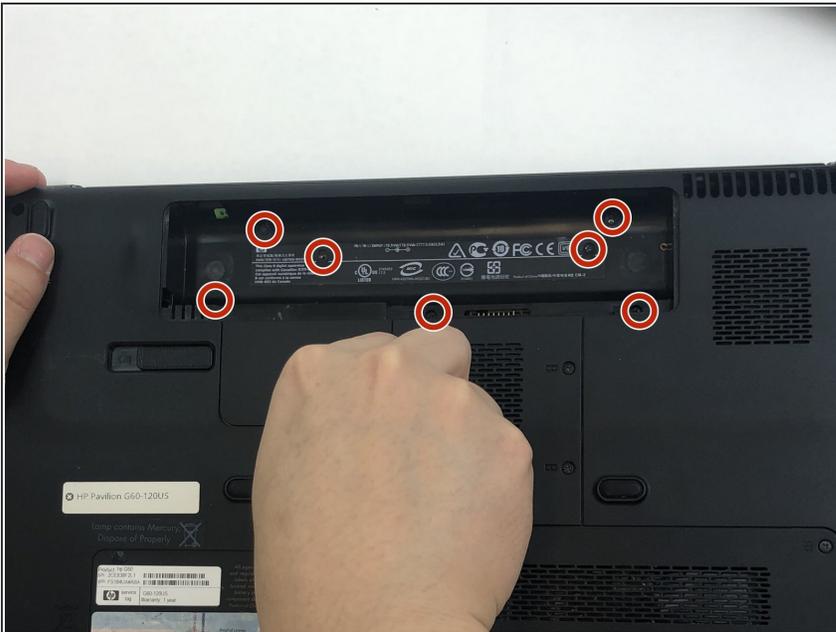
- Using the Phillips #0 screwdriver, remove the seven 4.0mm screws on the battery compartment of the laptop.

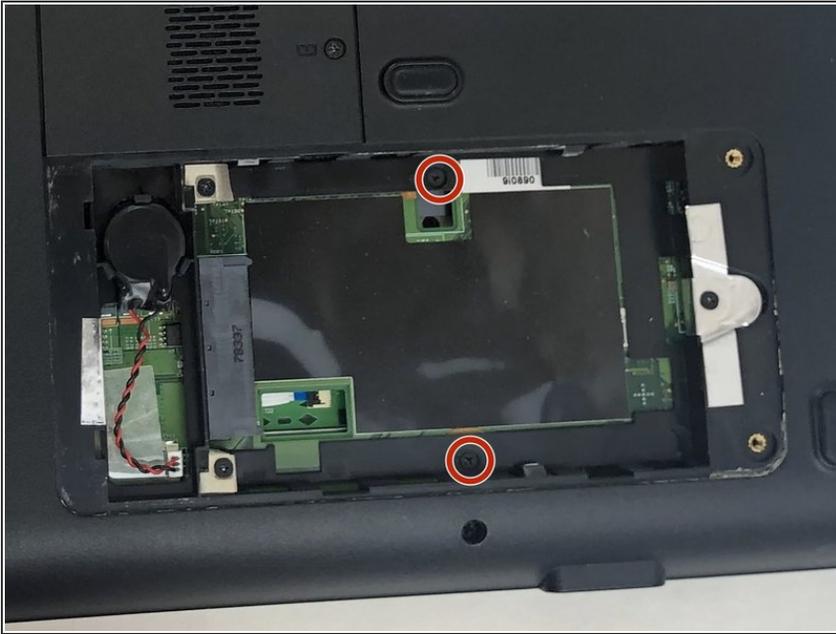This document was generated on 2020-01-28 04:44:06 AM (MST).

Step 5

- Using the Phillips #0 screwdriver, remove two 4.0mm screws from the hard disk cover.

- Remove the hard disk cover.

Step 6

- Remove the hard drive by pulling gently and disconnecting the hard drive from the laptop.

- Gently pull on the black and red wiring on the bottom left to separate the wire from the component.

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Step 7

- Remove the two 4.0 mm Phillips #0 screws from the hard disk compartment.

Step 8

- Using the Phillips #0 screwdriver, remove the two 4.0 mm screws from the memory card cover.

- Remove the memory disk cover.

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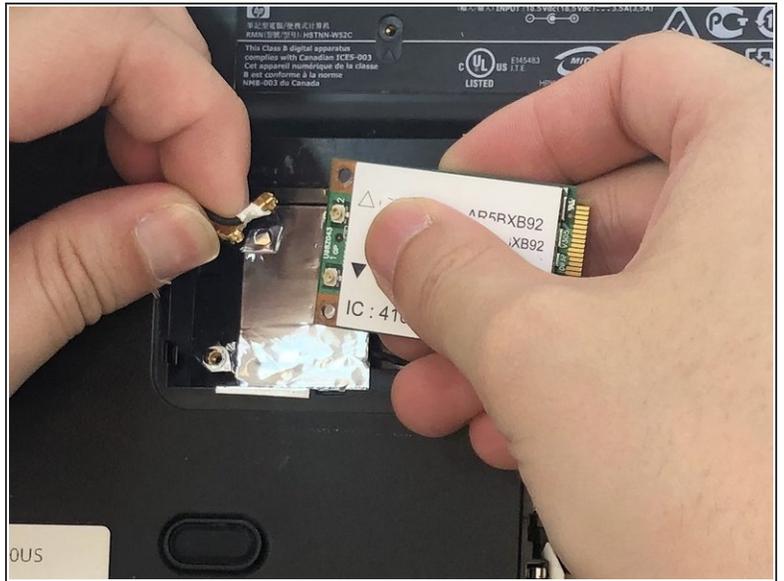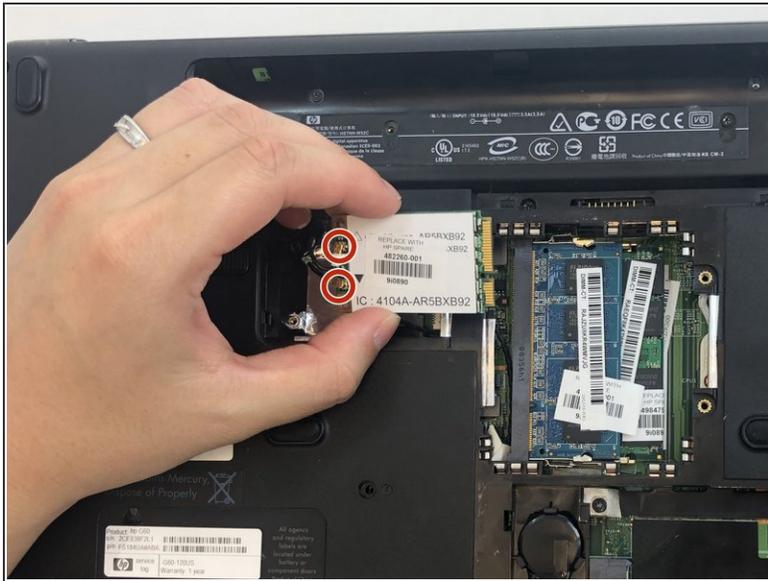
Step 9
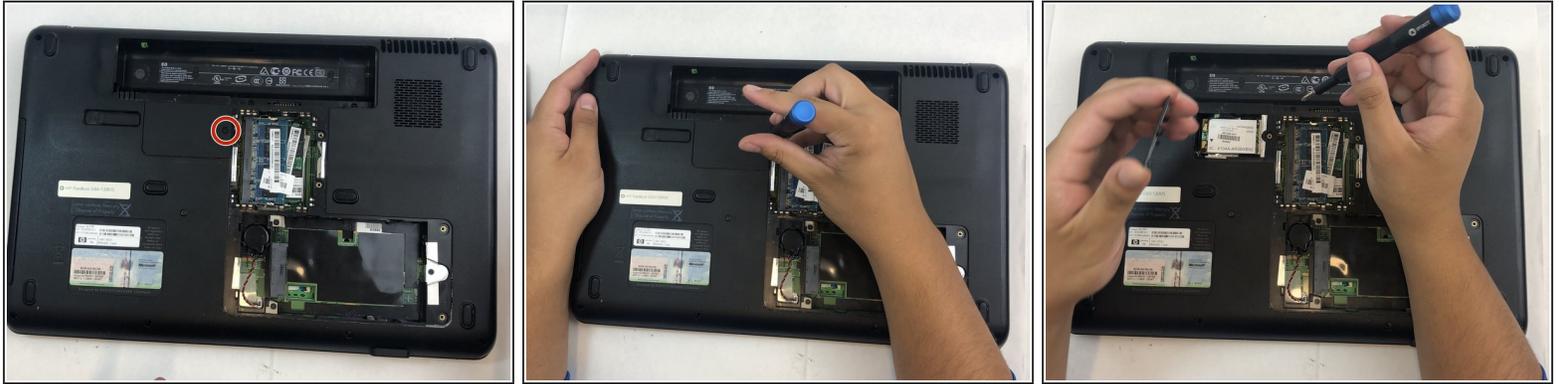
- Using the Phillips #0 screwdriver, remove the 4.0 mm screw from the Wi-Fi chip cover.

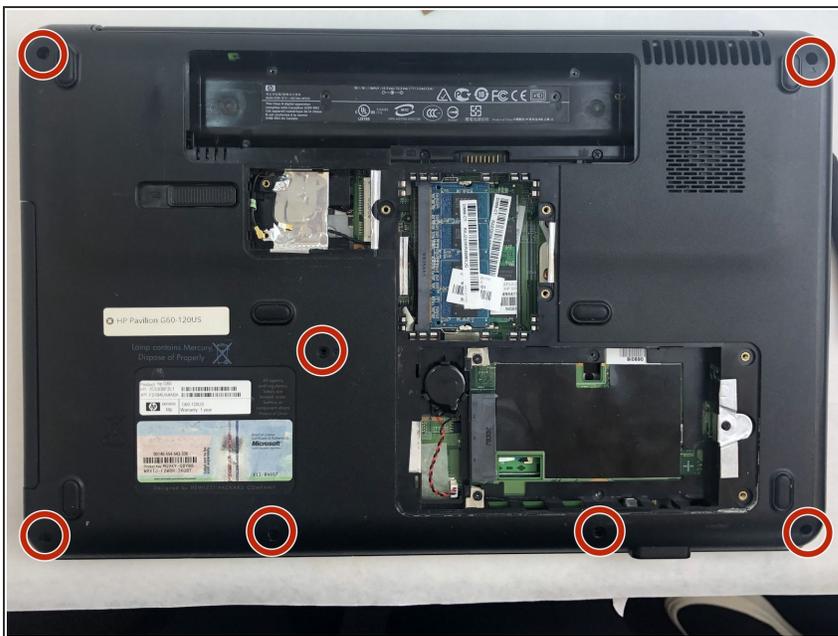- Remove the Wi-Fi chip cover.

Step 10

- Using the Phillips #0 screwdriver, remove the two 3.0 mm screws securing the Wi-Fi chip in place.

- Grab the Wi-Fi chip and pull up gently to the left to disconnect it from the laptop.

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Step 11

- Disconnect the two wires connecting the chip's base.

- Remove the Wi-Fi chip.

Step 12

- Using the Phillips #0 screwdriver, remove the seven 4.0 mm screws on the bottom of the laptop.

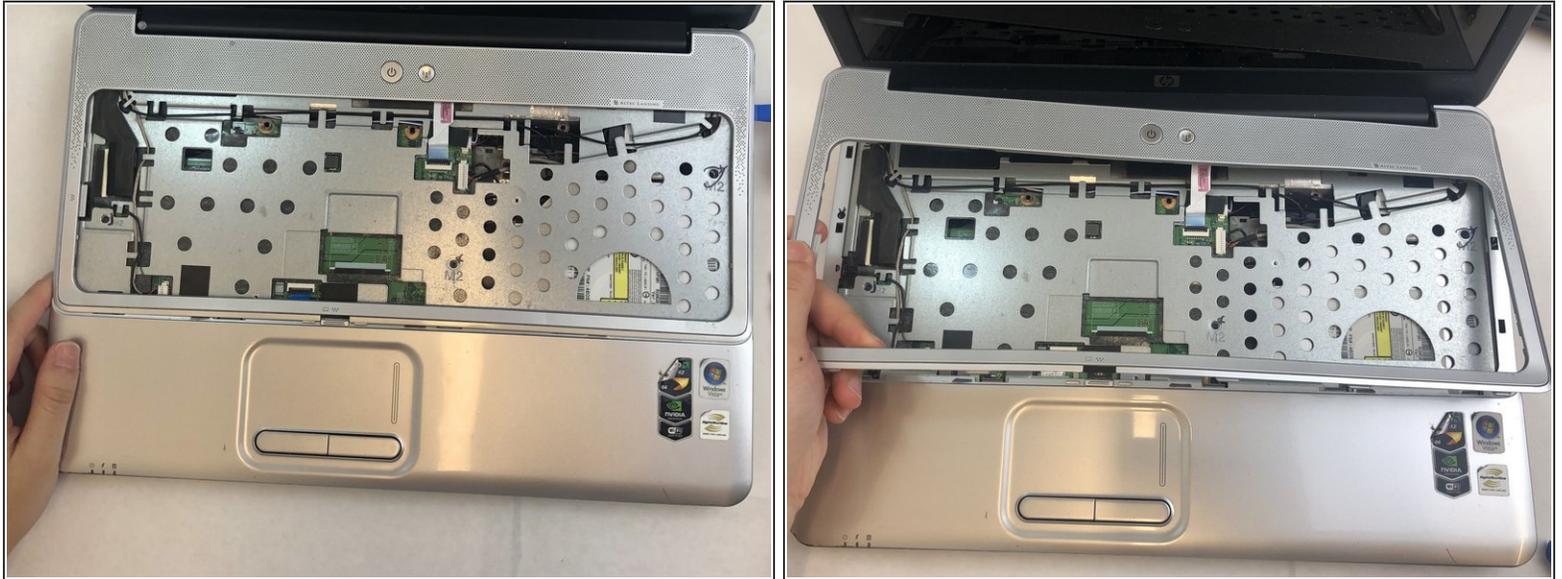This document was generated on 2020-01-28 04:44:06 AM (MST).

Step 13

- Turn the laptop back to its upright state.

- Insert an opening tool into the upper right corner of the keyboard and gently lift it to separate it from the laptop.

⚠ Be sure not to apply excessive pressure to prevent the bending and breaking of the keyboard.

⚠ Do not pull the keyboard all the way out because there is a wiring connection under the keyboard.

Step 14
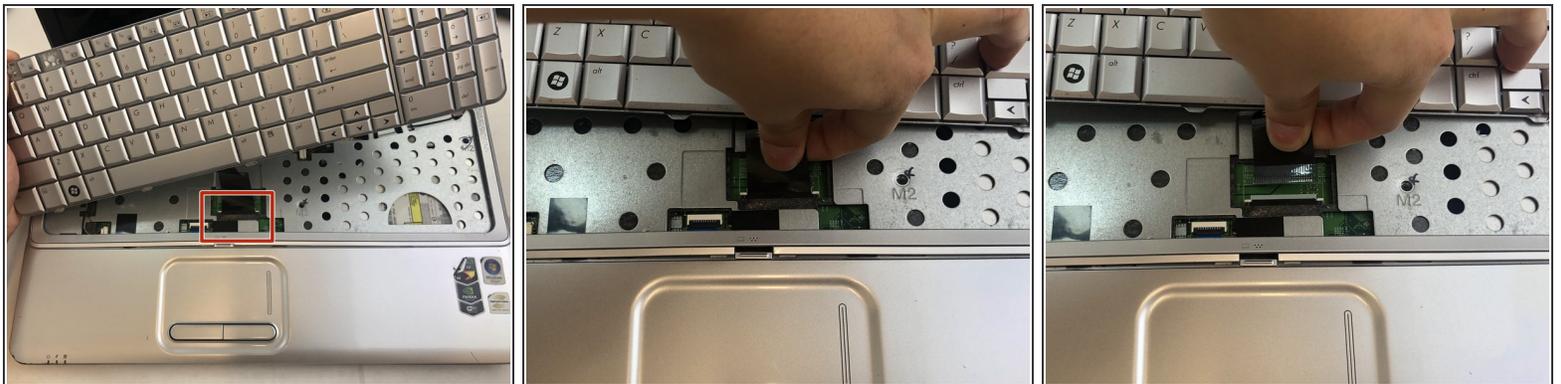
- Grab the wiring and gently pull it out to disconnect it from the laptop.

⚠ Don't use excessive force.

- Remove the keyboard.

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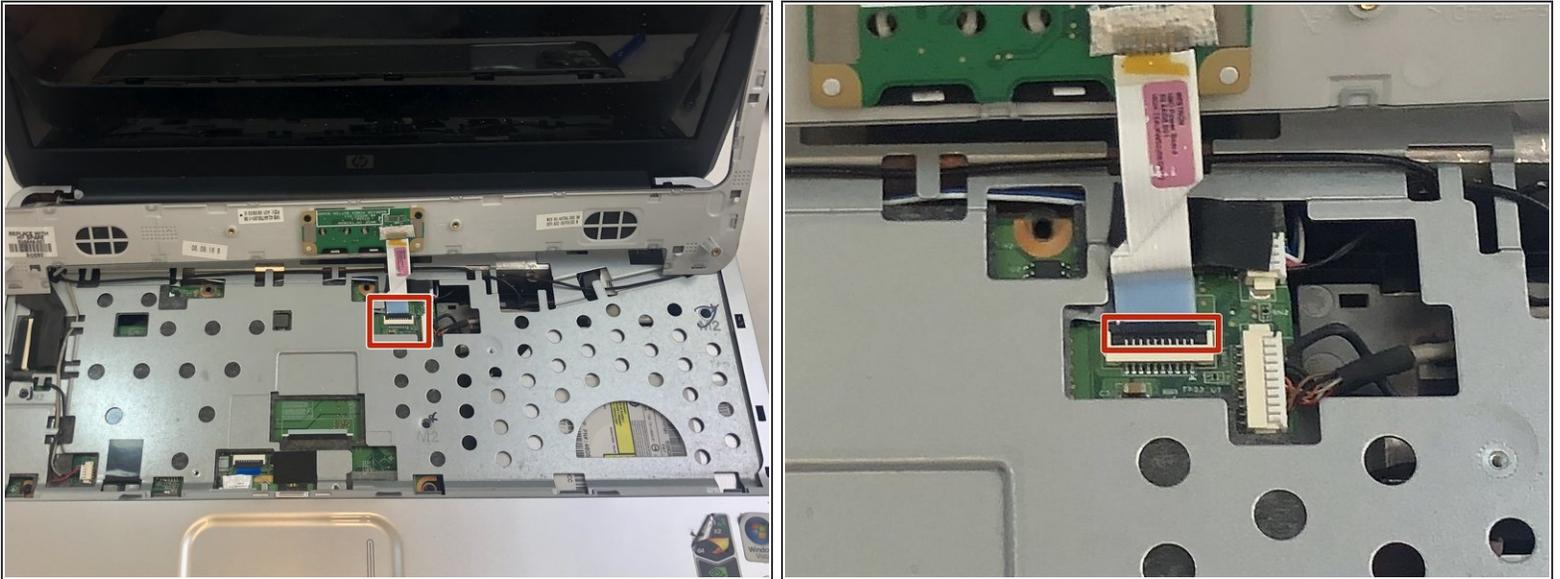
Step 15 — Display Assembly

- Insert an opening tool into the top right side of the corner, and gently lift the rest of the cover to separate if from the laptop.

⚠️ Avoid using excessive force which may break the cover.

⚠️ Do not completely pull out the cover; there is a wire still attached to the laptop.

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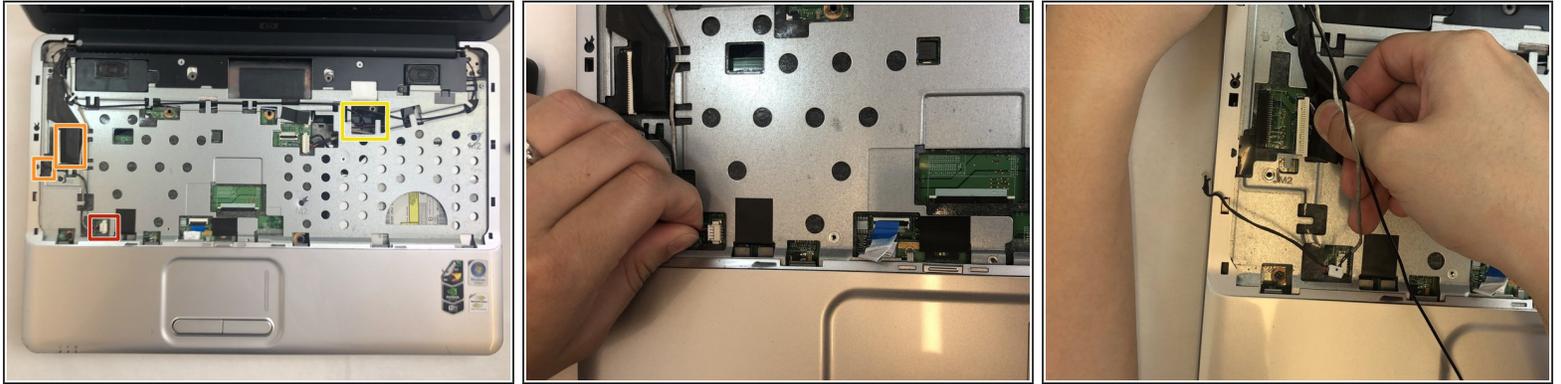
Step 16

- Using your fingertips, detach the ribbon cable by gently lifting up the black tab located on the bottom end of the cable.

- Separate the cable and remove the cover.

Step 17
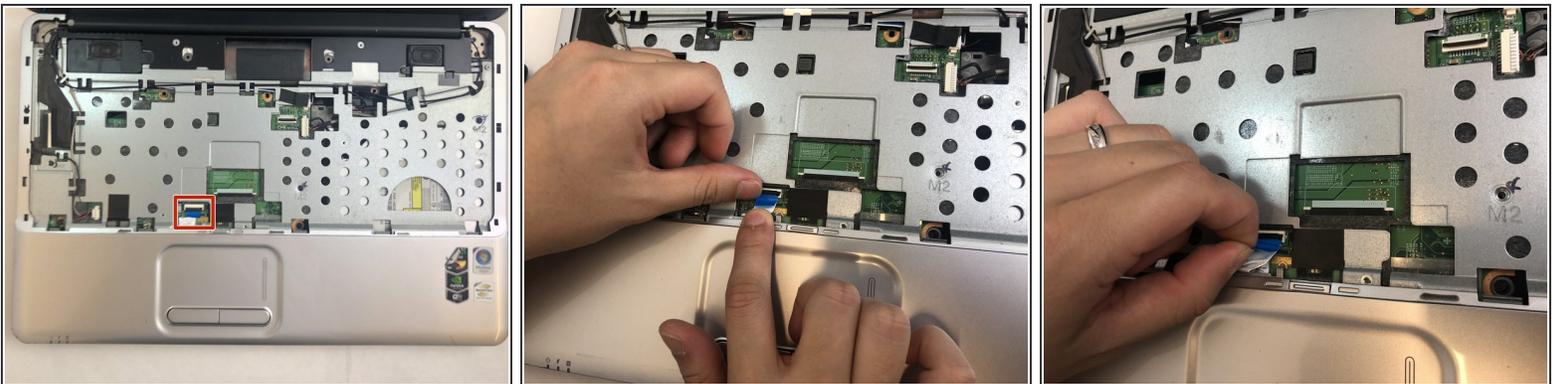
- Remove the mouse and touchpad cable by lifting the black tab and gently pulling the cable out.

Step 18

- Detach the white screen wiring on the bottom left side by gently pulling out.

- Detach two black screen cables on the middle left side by gently pulling out the cables.

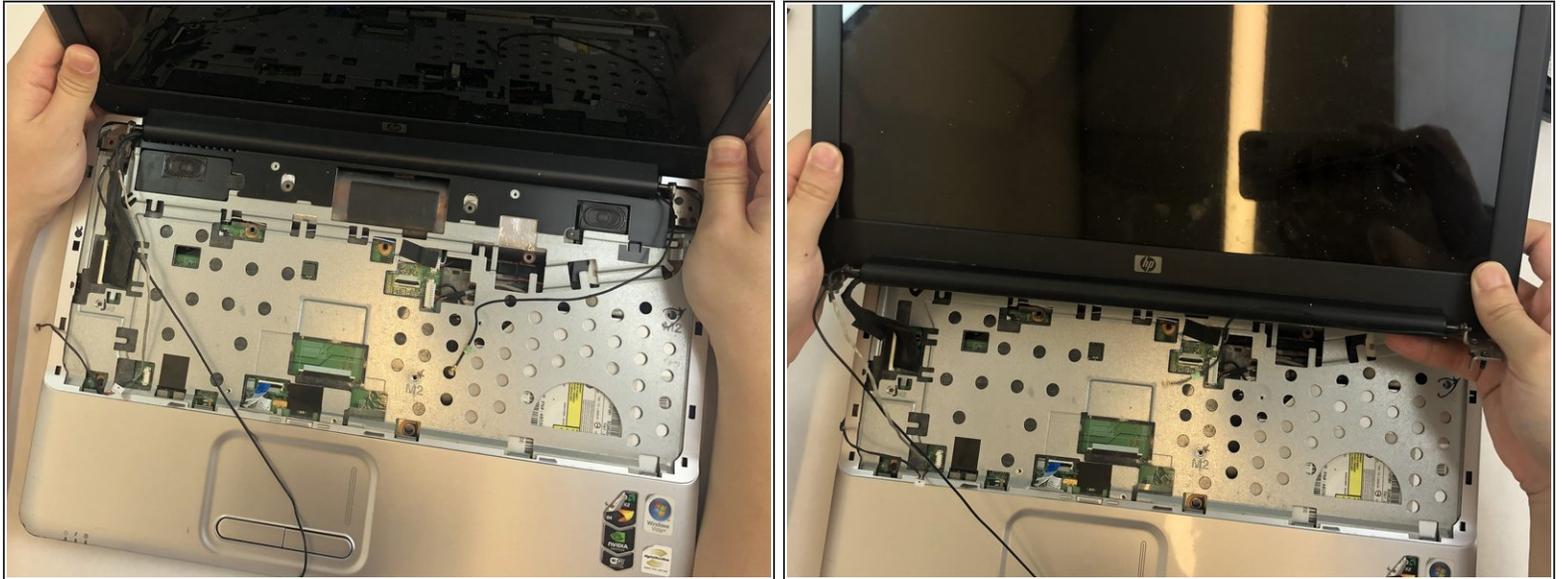- Pull out the black cable on the upper right side of the laptop.

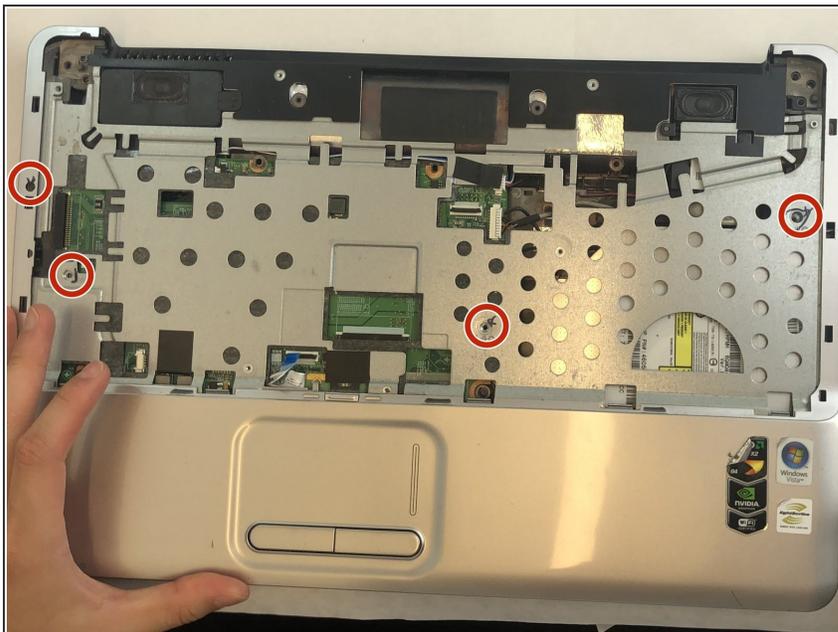⚠️ Use gentle pressure while removing the wires.

Step 19

- Using the Phillips #0 screwdriver, remove the four 4.0 mm screws on both hinges of the laptop's screen.

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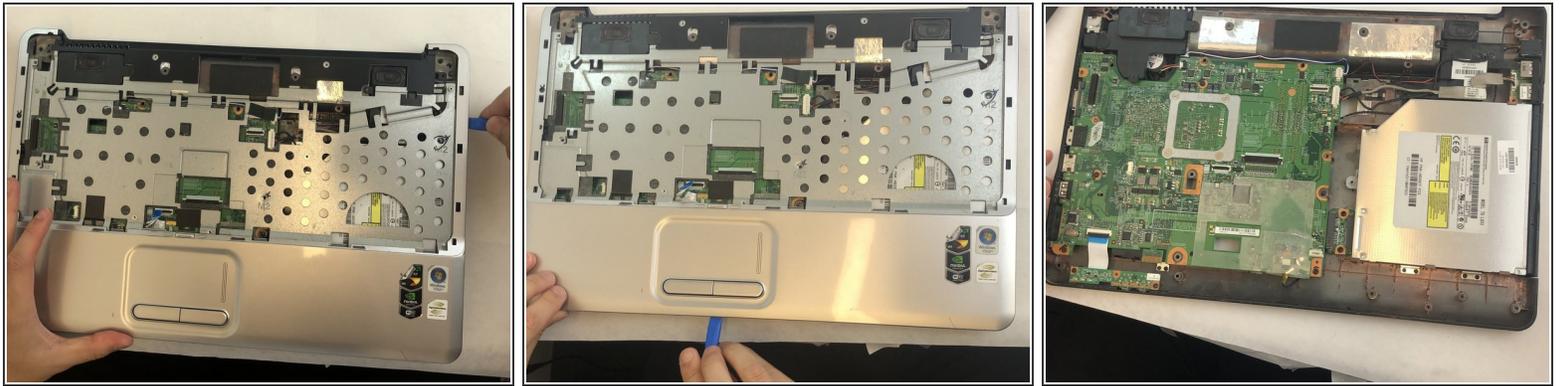
Step 20

- Gently lift and detach the display assembly from the laptop's base.

Step 21 — Midframe

- Using the Phillips #0 screwdriver, remove the four 4mm screws from the midframe.

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Step 22

- Using an opening tool, gently lift each corner of the midframe.

⚠️ Use caution when applying pressure with the opening tool as it may break while attempting to lift the midframe.

- Detach and remove the midframe from the main body of the laptop.
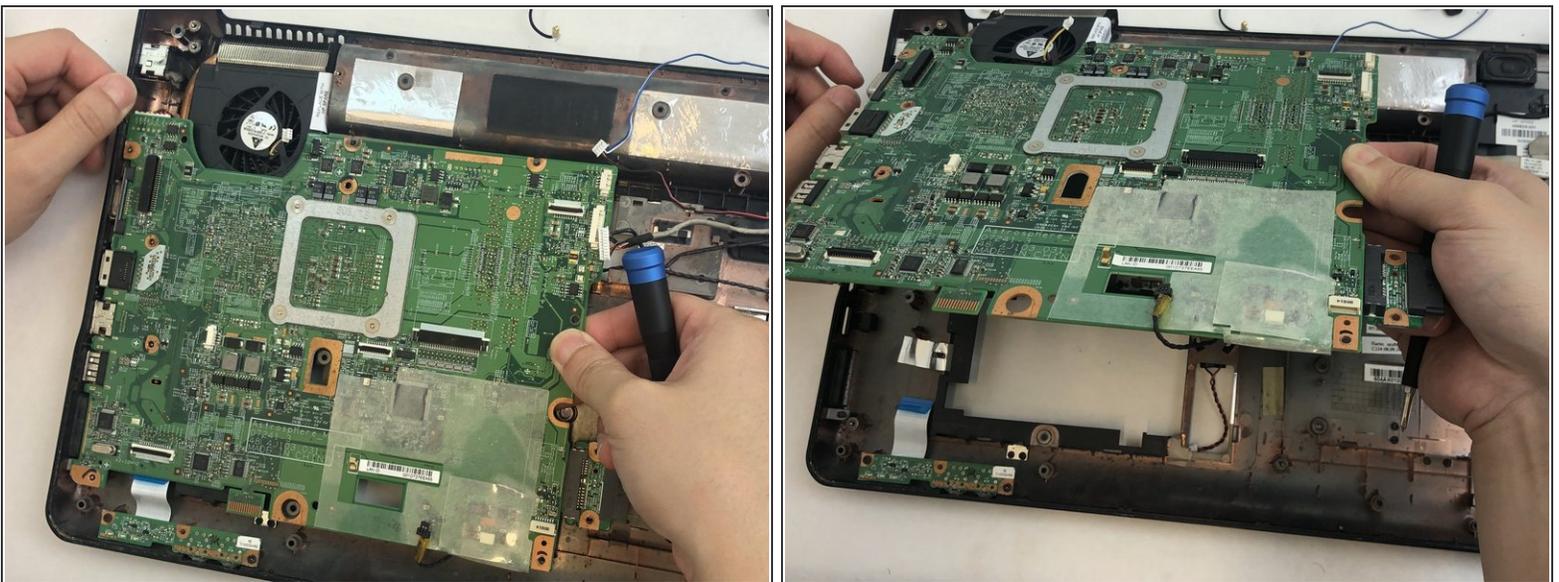
Step 23 — Motherboard
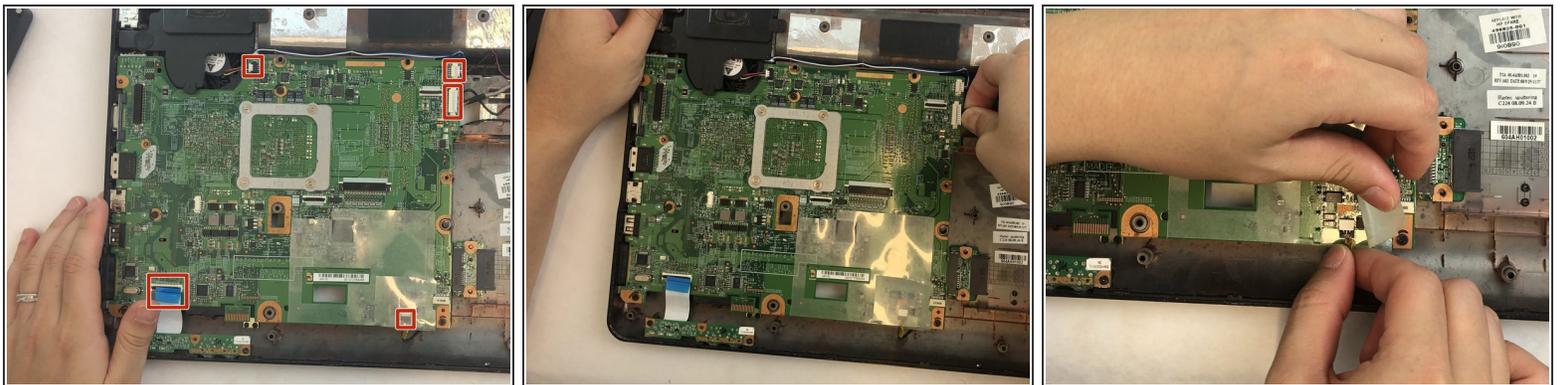
- Gently detach the five wires that are connected to the motherboard.

⚠️ Do not use excessive force when pulling on the wires.

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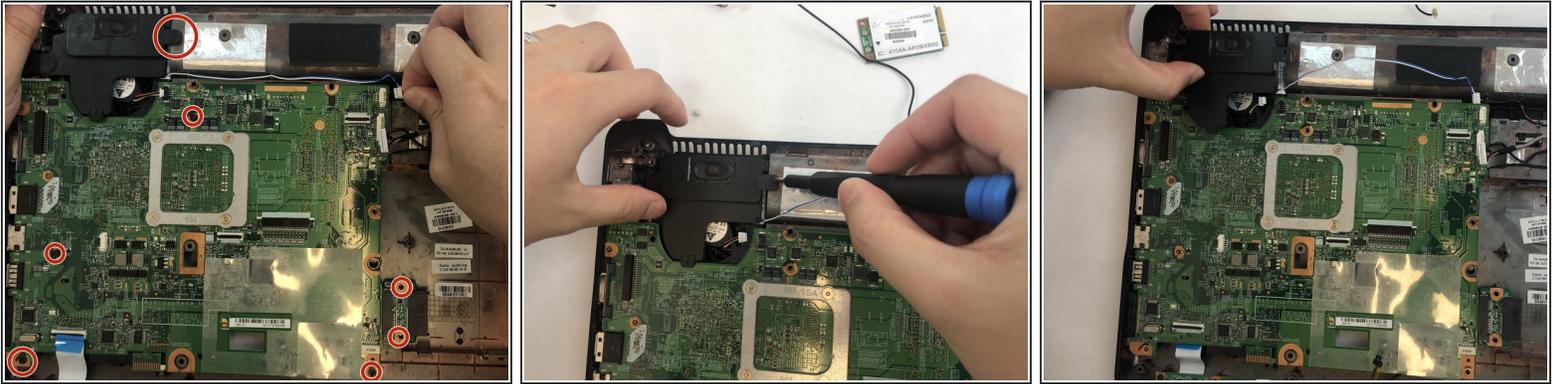
Step 24

- Remove seven 4mm Phillips #0 screws from the motherboard.

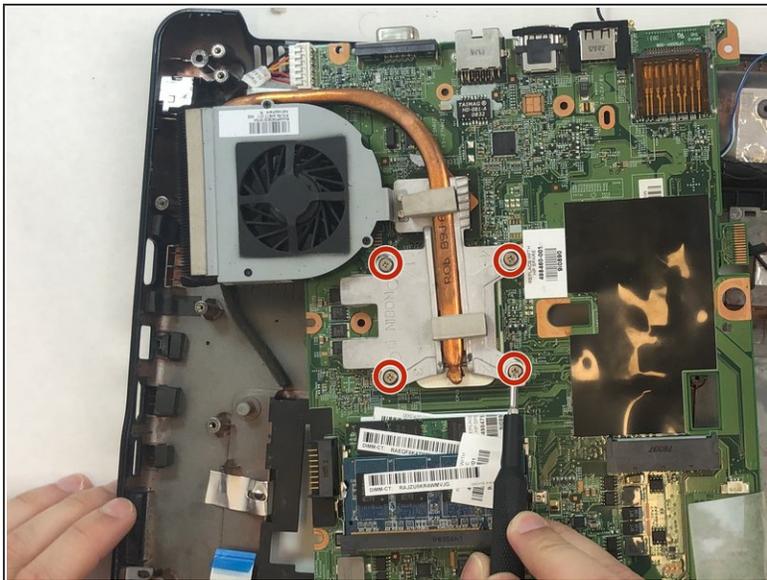- Remove the speaker from above the fan.

Step 25

- Gently lift the motherboard out of the laptop.
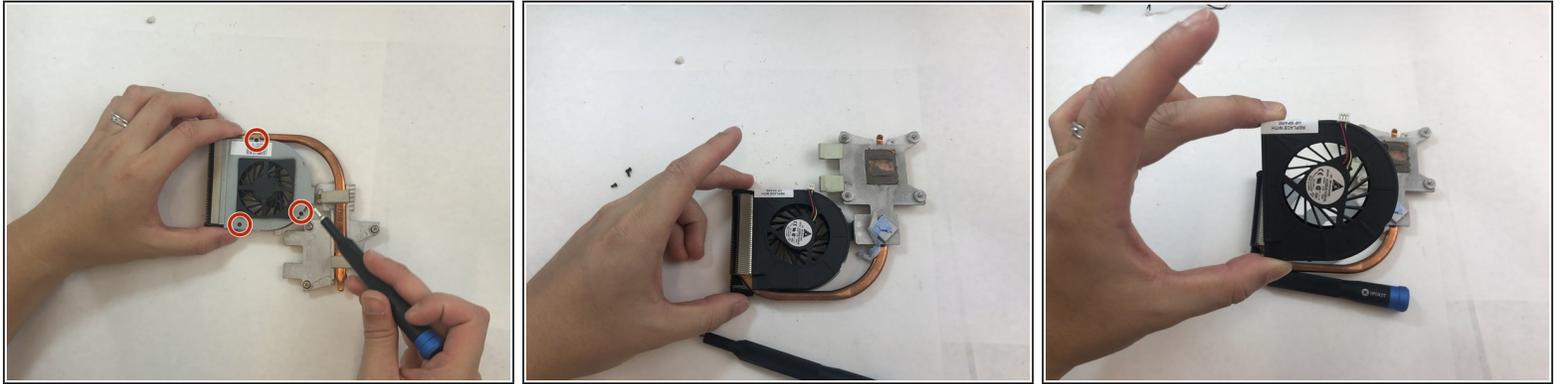
Step 26 — Fan

- Flip the motherboard to the bottom side.

Step 27

- Remove four 4mm Phillips #0 screws from the heat sink.

- Remove the fan and heat sink from the motherboard.

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Step 28

- Turn to the bottom side of the fan and heat sink.

- Remove three 2mm Phillips #0 screws from the fan cover.

- Detach the fan and remove it from the heat sink.

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

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