



HP Pavilion x360 m1-u001dx Speaker Replacement

This guide will explain how to replace the sound system in your HP Pavilion x360 m1-u001dx.

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INTRODUCTION

If your speakers are malfunctioning (no sound or distorted sound), the speakers may need to be replaced. To replace the speakers, you will need to know how to use a screwdriver. Small parts (screws) may be a swallowing hazard for young children; keep all parts in a secure location.



TOOLS:

- [Heavy-Duty Spudger](#) (1)
 - [Metal Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Keyboard



- Power off your device and disconnect all external devices connected to the laptop.

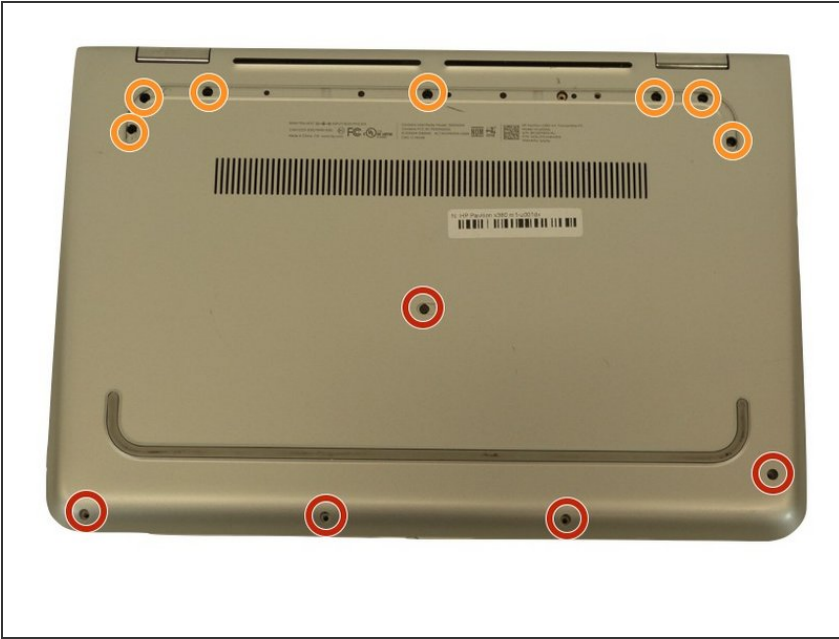
⚠ Working on your device while it is powered on may cause damage to the laptop or result in electric shock.

Step 2



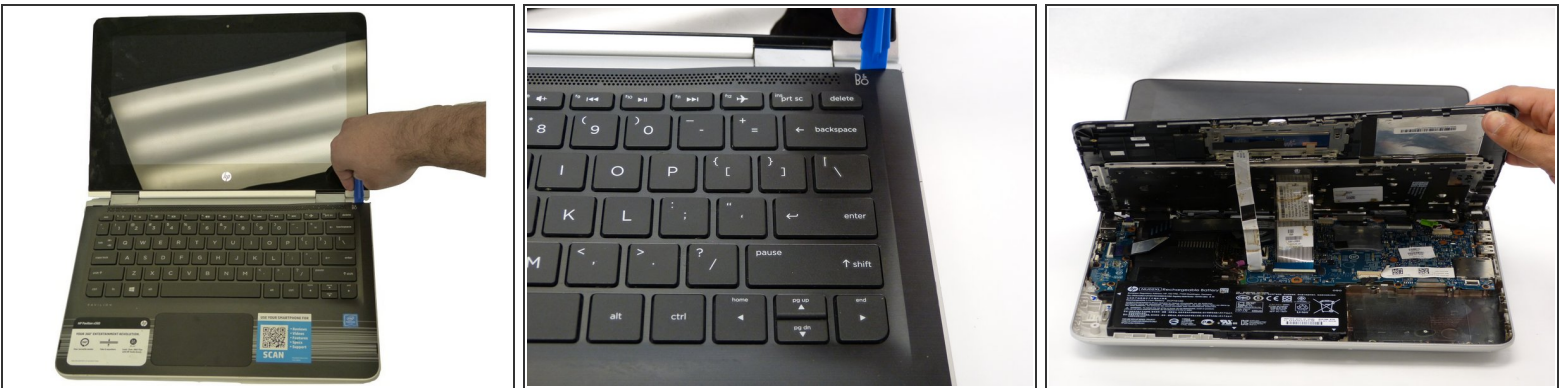
- Flip the laptop over and remove the rubber foot with a Metal Spudger.

Step 3



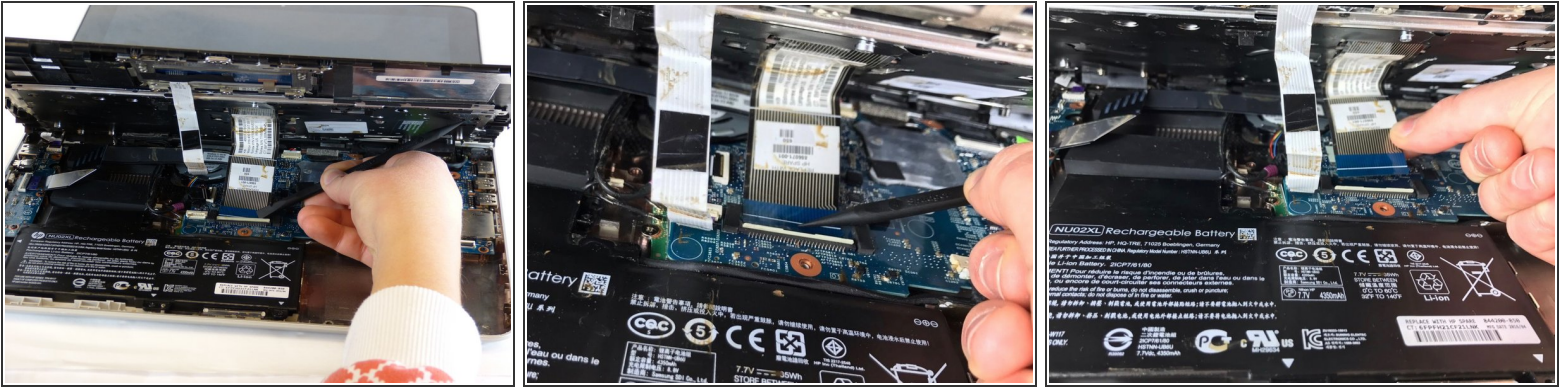
- Remove the screws from the bottom of the laptop with a Phillips 00 Screwdriver.
- 5 Phillips 2.4 x 5.7 mm screws
- 7 Phillips 2.0 x 5.0 mm screws
- ⓘ Keep the different sized screws separate for future replacement.

Step 4



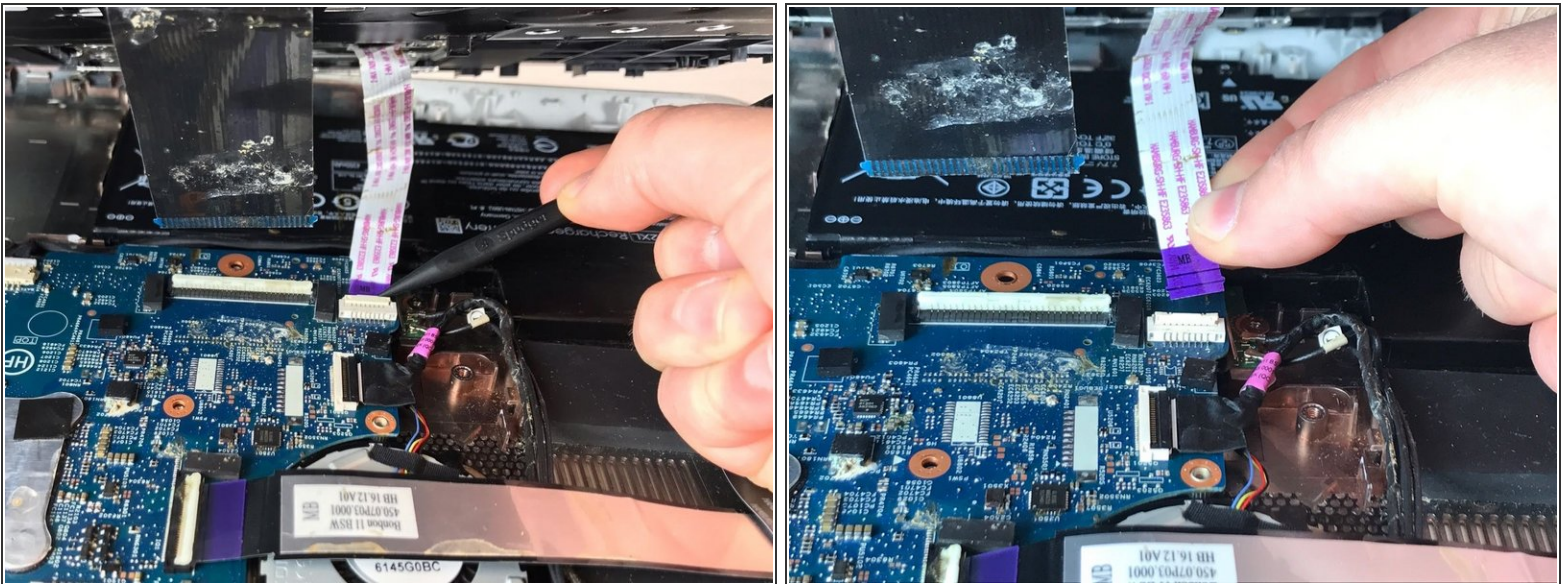
- Flip the laptop back over and open it; the keyboard should be facing upwards.
 - Using the Plastic Opening Tool, separate the keyboard from the base of the laptop.
- ⚠ The keyboard is connected to the motherboard with cable ribbons, so be very gentle and careful when lifting the keyboard.

Step 5



- Raising the keyboard, disconnect the first of two cable ribbons with the Heavy-Duty Spudger.
- Gently flip up the white plastic lock connecting the ribbon cable to the motherboard.
- Use the blue plastic tab on the ribbon cable to disconnect the ribbon cable from the lock.

Step 6



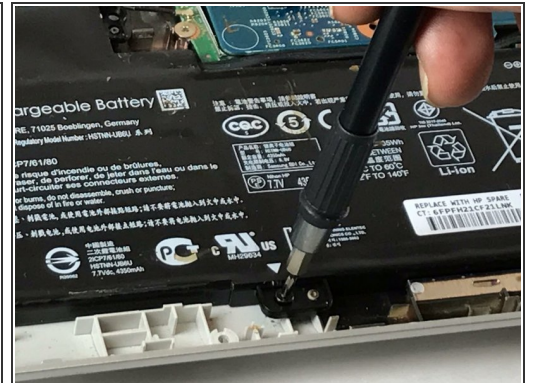
- Gently flip up the white plastic lock connecting the second ribbon cable to the motherboard with the Heavy-Duty Spudger.
- Use the blue purple tab on the ribbon cable to disconnect the ribbon cable from the lock.

Step 7



- After the ribbon cables are disconnected, gently lift up the keyboard to disconnect it from the base of the laptop.

Step 8 — Battery



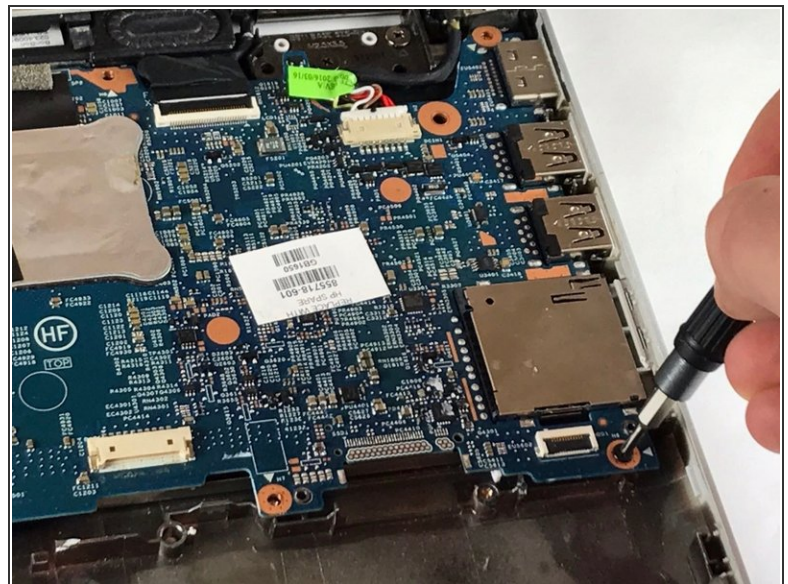
- Remove the screws from the perimeter of the battery with a Phillips 00 Screwdriver.
- 3 Phillips 2.0 x 4.6 mm screws
- ⓘ Keep the different sized screws separate for future replacement.

Step 9



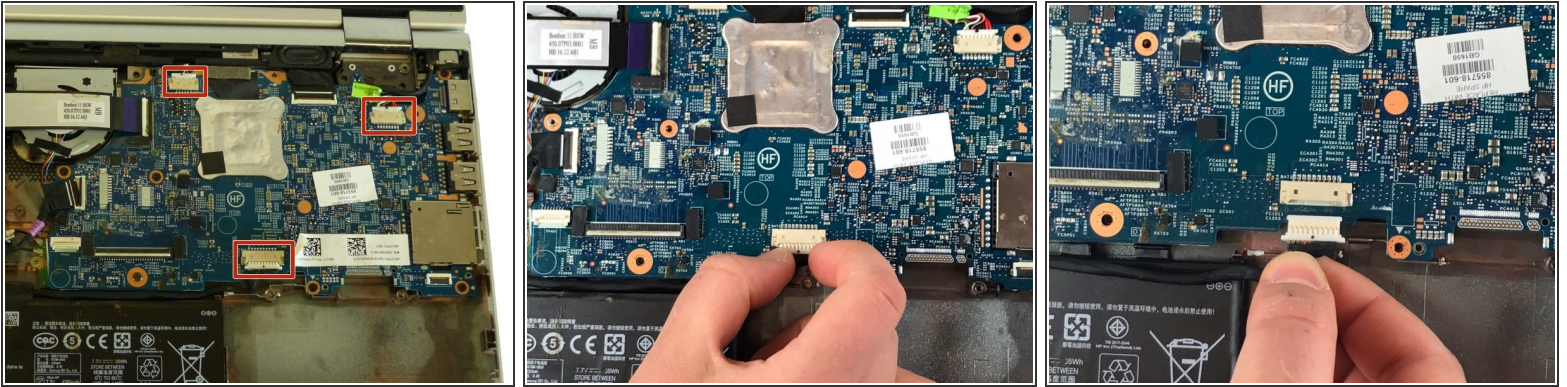
- Holding the lower right corner, gently lift up the battery to disconnect it from the motherboard.

Step 10 — System Board (Motherboard)



- Remove the screws from the perimeter of the motherboard with a Phillips 00 Screwdriver.
- 8 Phillips 2.0 x 4.7 mm screws.
- ⓘ Keep the different sized screws separate for future replacement.

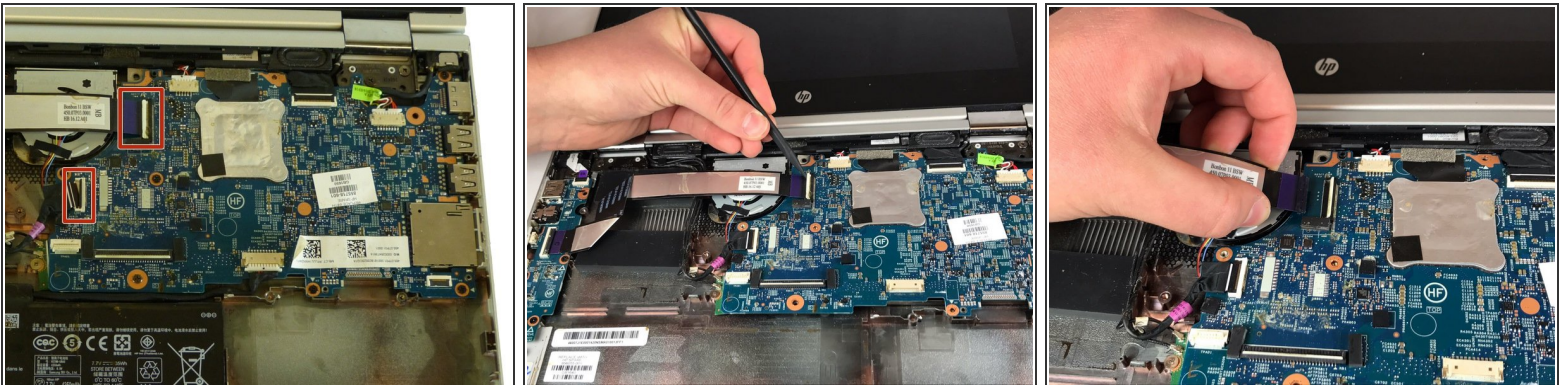
Step 11



- Disconnect the 3 bundle cable connectors by gently gripping the cable wires and pulling outwards.

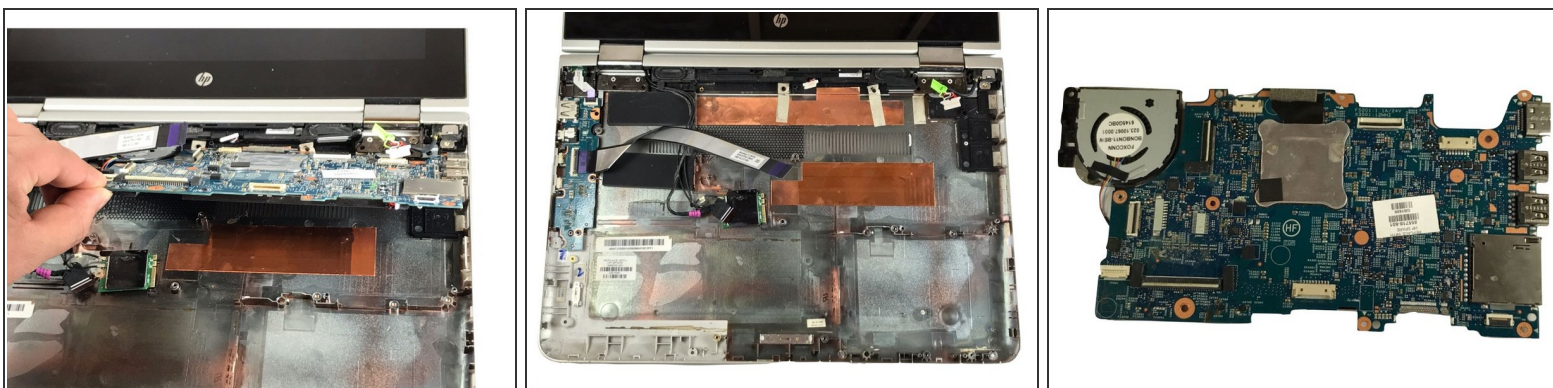
⚠ Be sure to grip each of the cables equally so no single cable is overly strained.

Step 12



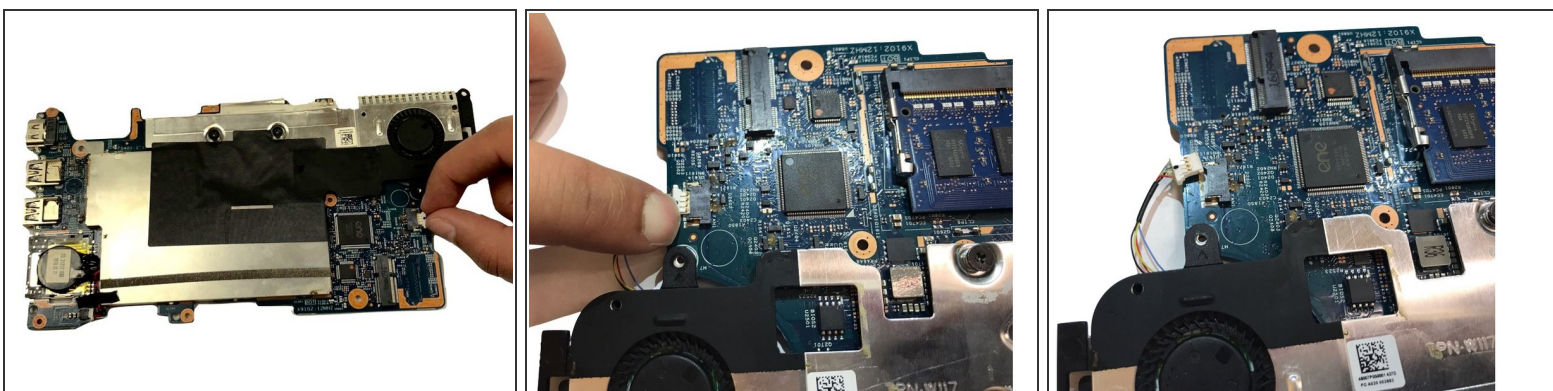
- Disconnect the 2 cable ribbons with the Heavy-Duty Spudger.
- Gently flip up the white plastic lock connecting the ribbon cable to the motherboard.
- Use the purple plastic tab on the ribbon cable to disconnect the ribbon cable from the lock.

Step 13



- Gently lift up the motherboard to disconnect it from the computer.

Step 14 — Fan



- Disconnect the bundle cable connector by gently gripping the cable wires and pulling outwards.

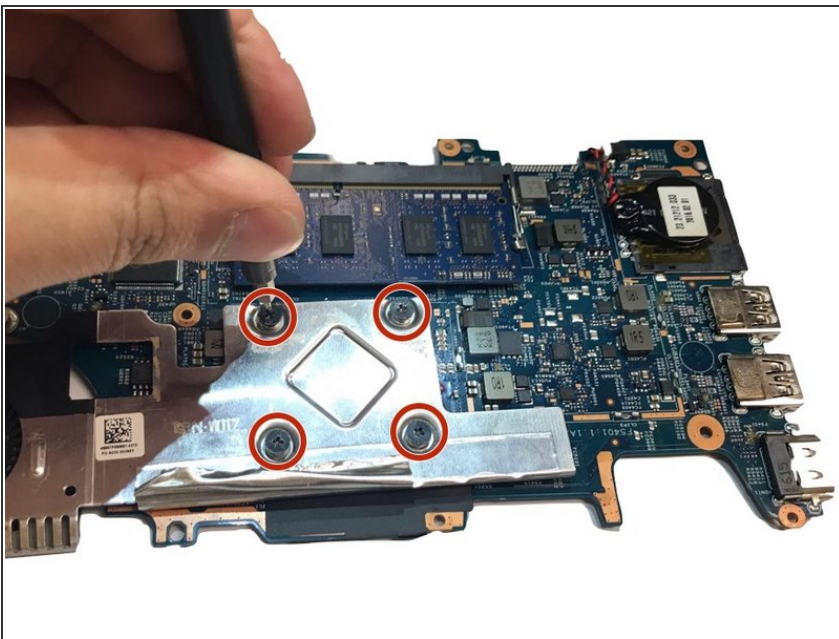
⚠ Be sure to grip each of the cables equally so no single cable is overly strained.

Step 15



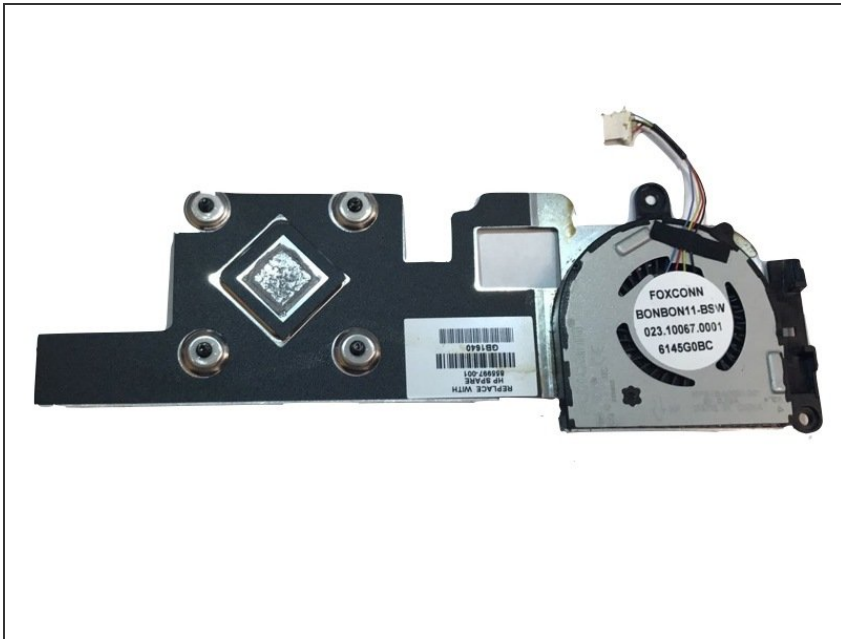
- Peel off the black sticker to expose the screws underneath.
- ⓘ Do not crumple the sticker; you will need it when reassembling the fan.

Step 16



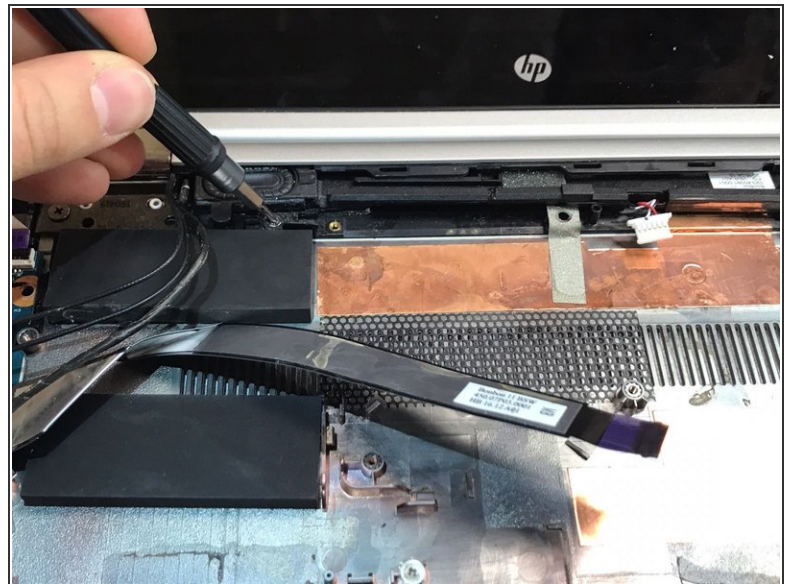
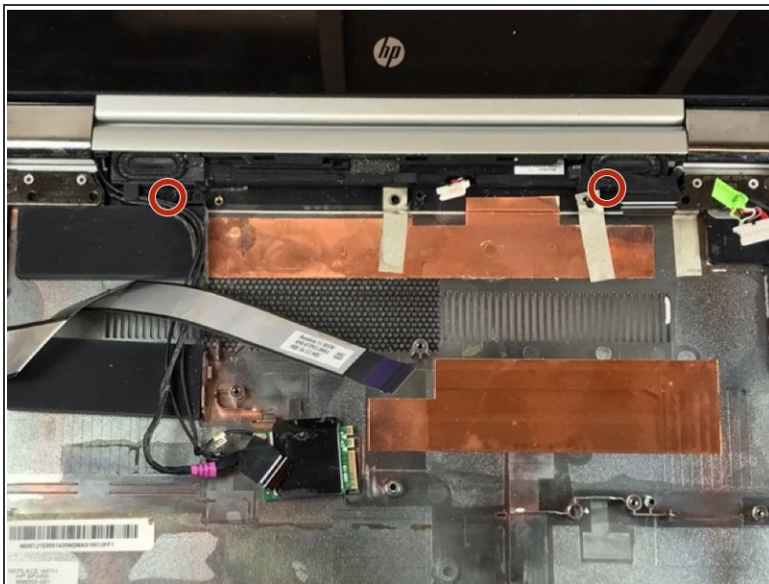
- Remove the 4 screws from the motherboard with a Phillips 00 Screwdriver.
- 4 Phillips 2.5 x 5.5 mm screws
- ⓘ Keep the screws for future replacement.

Step 17



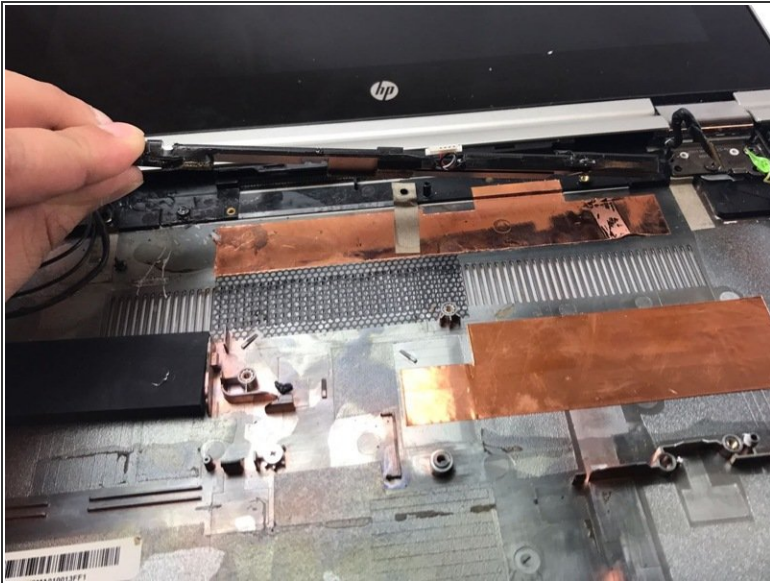
- Disconnect the fan from the motherboard by taking out the screws.

Step 18 — Speaker



- Remove the screws from the sound piece with a Phillips 00 Screwdriver.
- 2 Phillips 2.4 x 5.7 mm screws
- ⓘ Keep the different sized screws separate for future replacement.

Step 19



- After the screws are out, lift out the speaker from the base of the laptop.

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