



HP Spectre x2 12-a002dx Speaker Replacement

Many times the speaker(s) on your device can...

Written By: Talha Bin Amir



INTRODUCTION

Many times the speaker(s) on your device can stop functioning properly due to several reasons. This guide shows how to replace the speaker(s) on this device.

TOOLS:

Metal Spudger (1)

Spudger (1)

iFixit Opening Tool (1)

Heat Gun (1)

Tweezers (1)

Phillips #0 Screwdriver (1)

Phillips #000 Screwdriver (1)

Step 1 — Screen



- Make sure the device is powered off and the kick stand is retracted.
- The HP Spectre should be placed on a flat surface with the keyboard detached.

Step 2



- To remove the screen, there is an entire system of clips which need to be undone as well as 4 Phillips M1.5x2.7 screws.
- The screws should be removed using a Phillips #000 screwdriver. There is a sticker where the laptop attaches to the keyboard.
- Heat the sticker (if needed) and use fine point [tweezers](#) to grip the sticker and remove it.

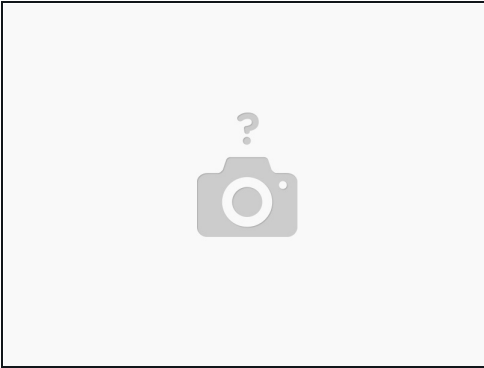
Step 3



- Use the plastic opening tools or insert a spudger to begin unclipping the system.
- Pry the screen off once all the clips have been unclipped.

⚠ The screen may shatter if not already shattered (beware of flying glass).

Step 4



- This screen will break. There is double tape underneath the frame, which is not listed in here.

Step 5



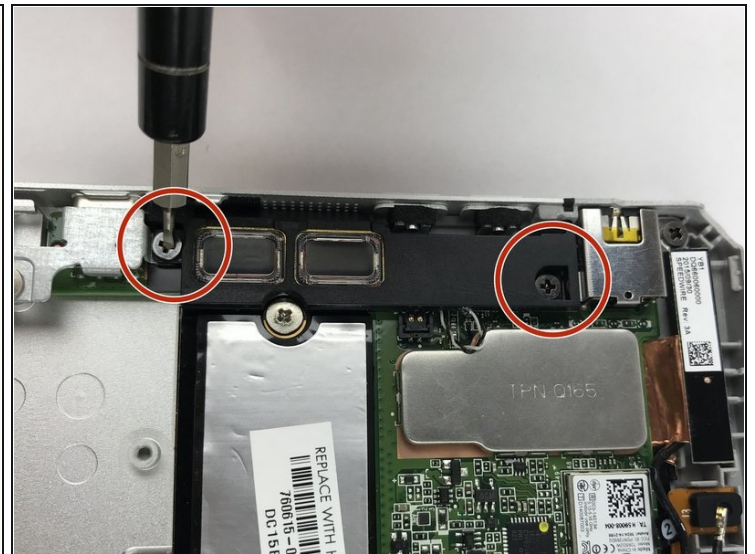
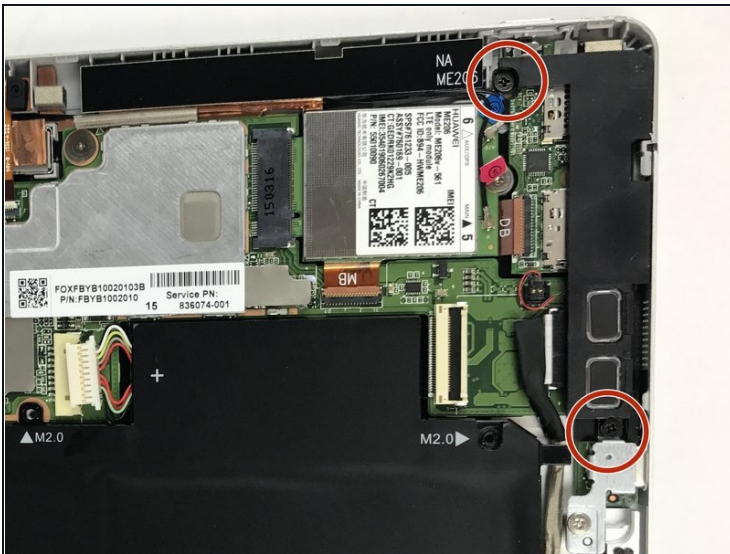
- Remove the connecting cable of the screen and battery. Use a spudger to reveal the adhesive strip and carefully peel it off.
 - Insert a spudger to the other end and release the ZIF connectors. Detach the cable.
- ① While a metal spudger is pictured, use a black nylon spudger instead because it is ESD safe.

Step 6 — Speaker



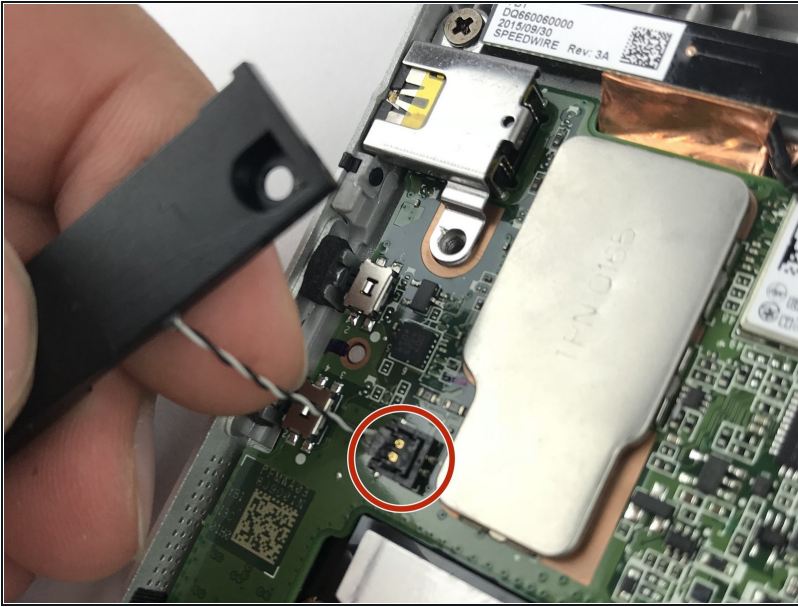
- The HP Spectre x2 has Two Speakers at the top of the laptop on either end.

Step 7



- Unscrew the speaker assemblies.
- Each speaker has two PM2.0×3.4 screws securing the speakers as shown. Use a Phillips #0 to unscrew all four screws

Step 8



- Each speaker is connected to the motherboard by a cable.
- ⚠ Remove this cable by gently working the connector out of the socket on the motherboard. Be careful not to damage the socket on the motherboard.

Step 9



- Both speakers should now freely come out of the laptop.

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