



Microsoft Surface Pro 2 Audio Ports Replacement

This guide will show you how to replace the Audio jack and volume button assembly.

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 **TOOLS:**

- [iFixit Opening Tools](#) (1)
- [Suction Handle](#) (1)
- [Heat Gun](#) (1)
- [Spudger](#) (1)
- [T3 Torx Screwdriver](#) (1)
- [T4 Torx Screwdriver](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [Tweezers](#) (1)

Step 1 — LCD Display



 To avoid electrical shocks, unplug and turn off your Surface Pro 2 before proceeding.

Step 2



 Avoid any skin or eye contact with the heating pad or heating gun because they may cause bodily harm.

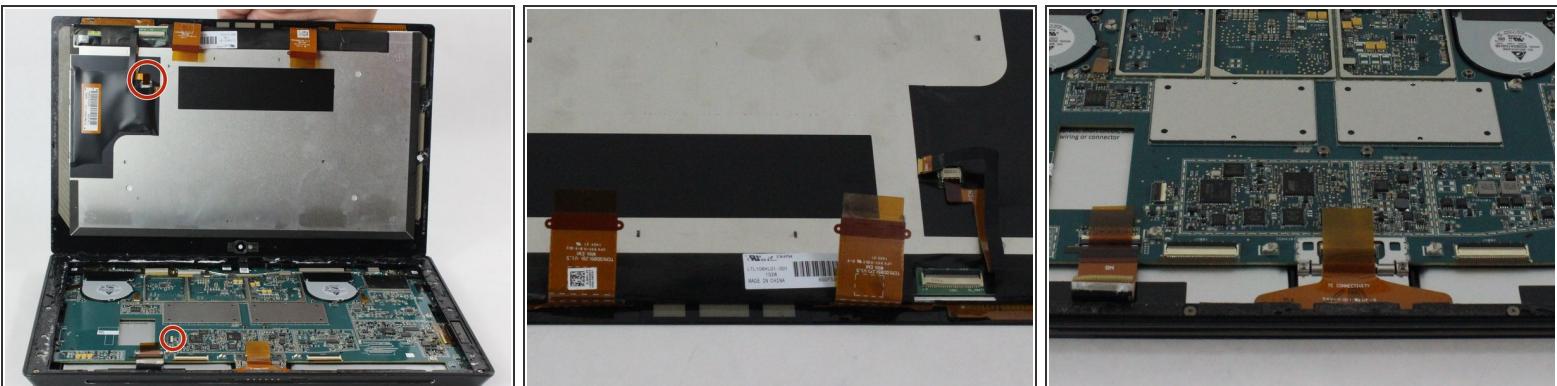
- Using a heating pad or heating gun, heat the edges of the screen to soften the glue. This area extends roughly one inch from the edge of the device.
-  The glue is under the darker border of the device display.

Step 3



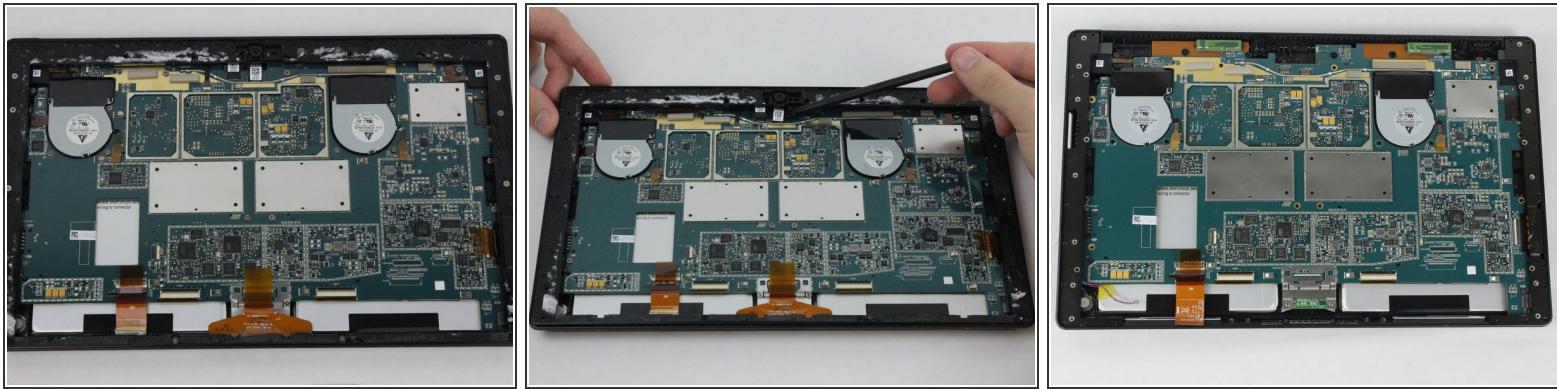
- Using a plastic opening tool and a suction cup as needed for leverage, gently insert one edge of the opening tool under the corner of the screen.
- If the tool does not easily slide under the screen, return to heating before proceeding.
- Slowly work the tool around the entire edge of the screen.

Step 4



- Detach the orange cables that connect the screen to the motherboard by pulling on the small tabs. Using the nylon spudger, release these cables.
- Please note the third small connector in red.
- Allow the glue to cool before letting it come into contact with any other surface.

Step 5 — Motherboard



- Make sure that the front-facing camera is completely disconnected, and then remove the plastic bracket.
- Remove the 22 screws on the bezel.
- Remove the left and right brackets; the left has 16 screws and the right has 15 screws.

 The three different torx screws used are T3, T4, and T5.

Step 6



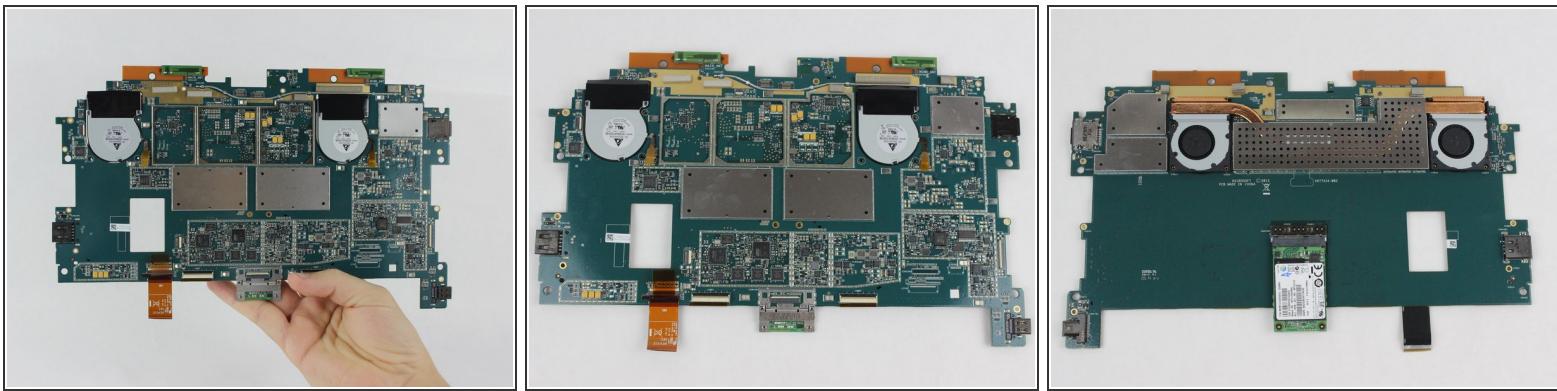
- Once the brackets are removed, set them aside.

 The motherboard itself also has screws.

- Remove the 25 screws of varying sizes that attach the motherboard to the back plate.

 View the attached photo of a screw diagram to help keep track of your screws.

Step 7



ⓘ You have now completely removed the motherboard, and it should look like the pictures shown.

⚠ Be sure to be cautious with all the connections with the cables on the motherboard.

Step 8 — Audio Ports



- The entire assembly can be removed by taking out one final screw.
- These screws as well as the ribbon were removed during the perquisite guide for removing the motherboard.

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