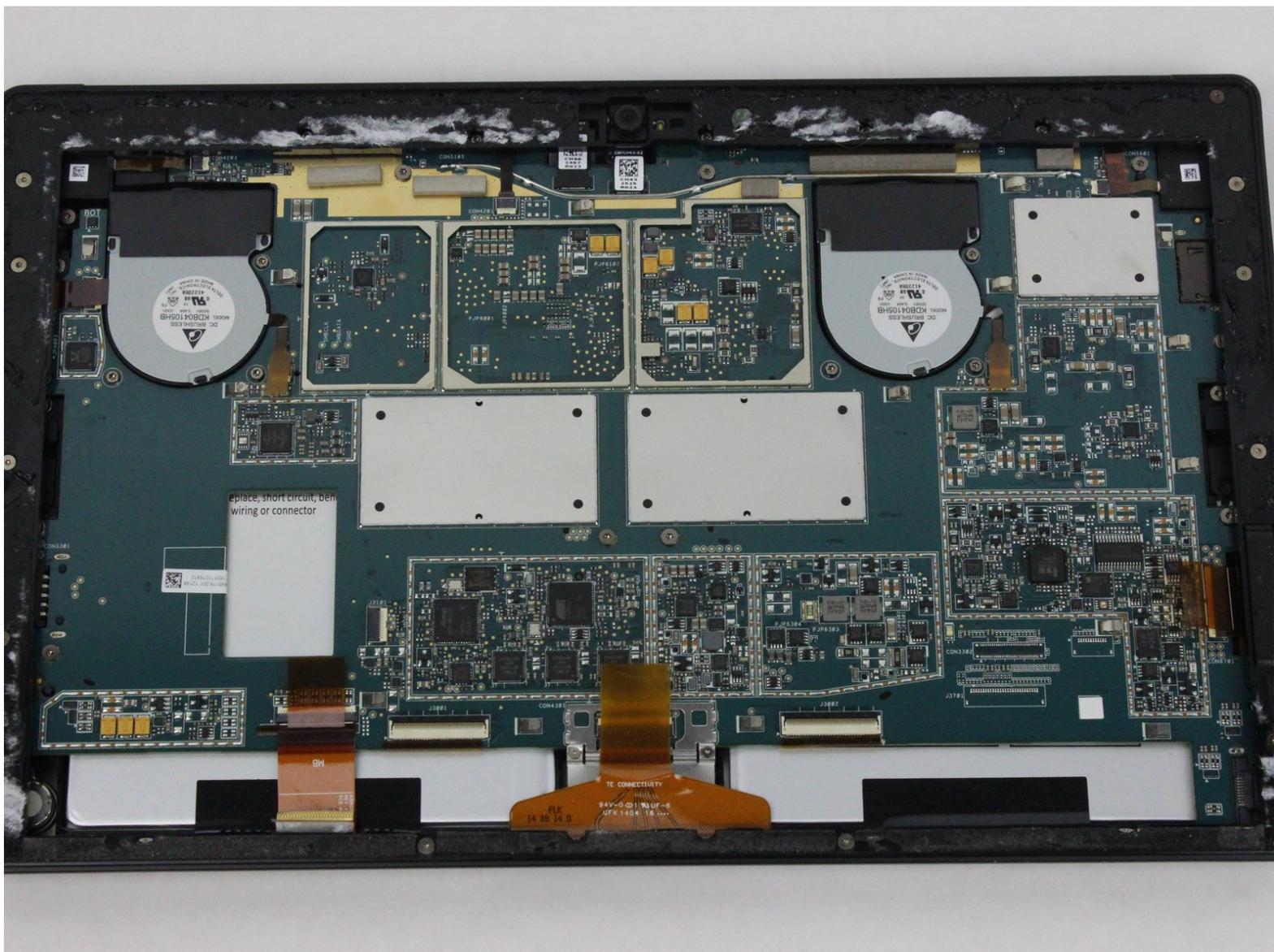




Microsoft Surface Pro 2 Motherboard Replacement

This guide is meant to bring you step by step through the process needed to replacing the motherboard on a Microsoft Surface Pro 2 Motherboard

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 **TOOLS:**

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

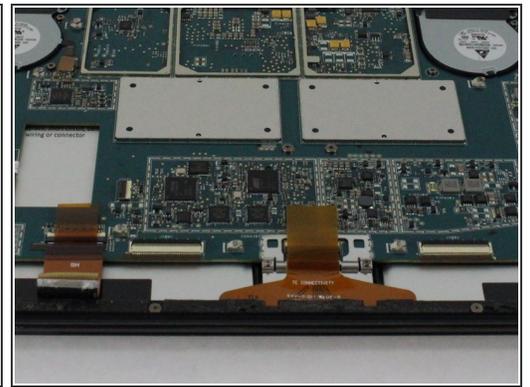
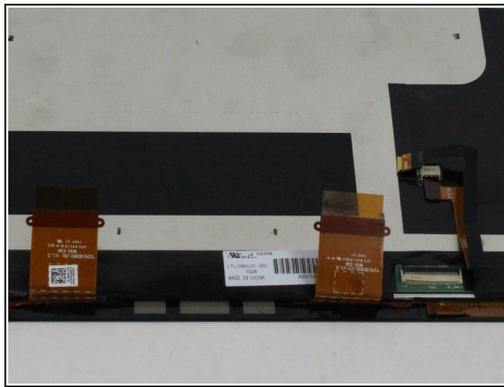
- Using a heating pad or heating gun, heat the edges of the screen to soften the glue. This area extends roughly one inch from the edge of the device.
- ⓘ The glue is under the darker border of the device display.

Step 3



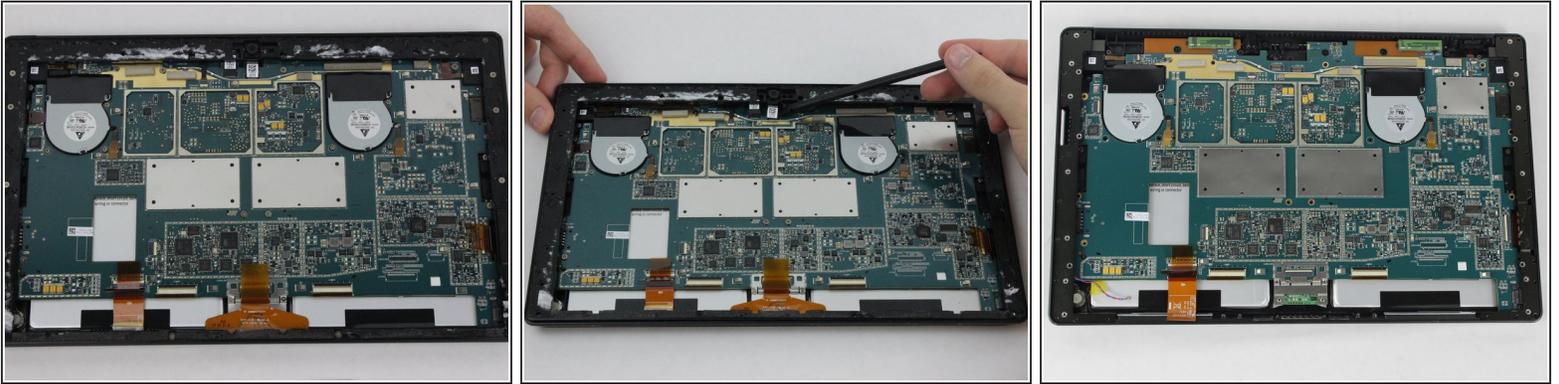
- Using a plastic opening tool and a suction cup as needed for leverage, gently insert one edge of the opening tool under the corner of the screen.
- ⓘ If the tool does not easily slide under the screen, return to heating before proceeding.
- Slowly work the tool around the entire edge of the screen.

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



i 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.

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