



Maze Speed SSB-508 Battery Port Replacement

This guide shows the process of disassembling the Maze Speed SSB-508 battery port from the motherboard.

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INTRODUCTION

This guide will provide you the process of replacing the battery port in a Maze Speed phone. You will need a plastic opening tool, tweezers, a Phillips #00 Screwdriver, pliers and soldering equipment. You will also need to know how to solder, in order to not damage other components. Sometimes a phone battery connector may get corroded which shortens the battery life. If this is the case, you will need to change the battery port.

TOOLS:

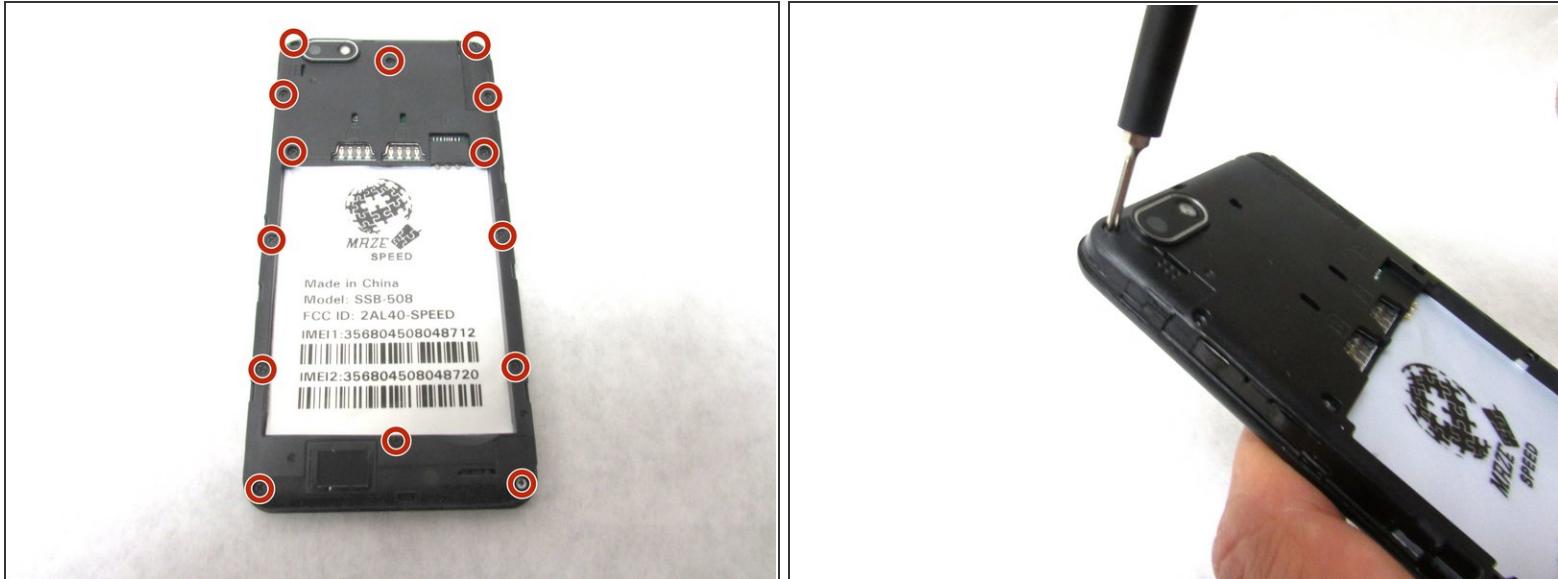
- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Soldering Iron](#) (1)
- [Tweezers](#) (1)

Step 1 — Motherboard



- Remove the back cover by inserting the plastic opening tool at the bottom left corner of the device.

Step 2



- Remove fifteen 2mm Phillips #00 screws.

Step 3



- Lift the plastic opening tool up at the bottom left corner to create the gap.
- Repeat this through all corners to remove the internal casing.

Step 4



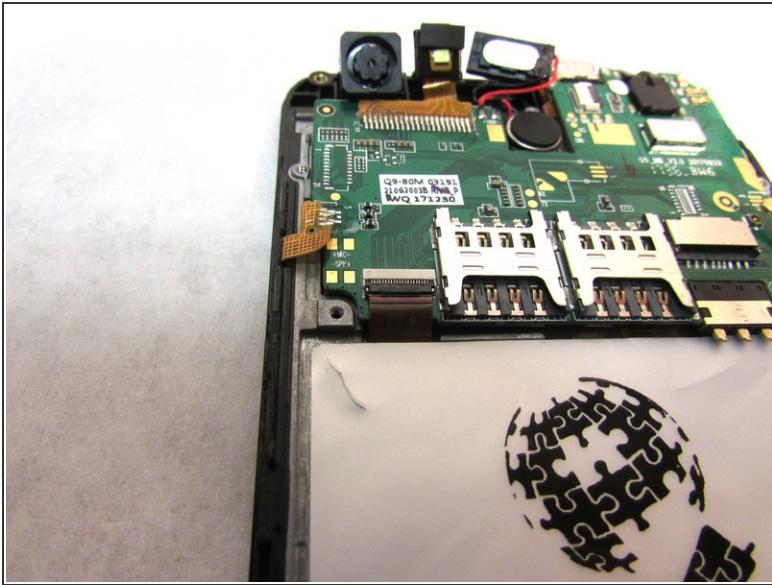
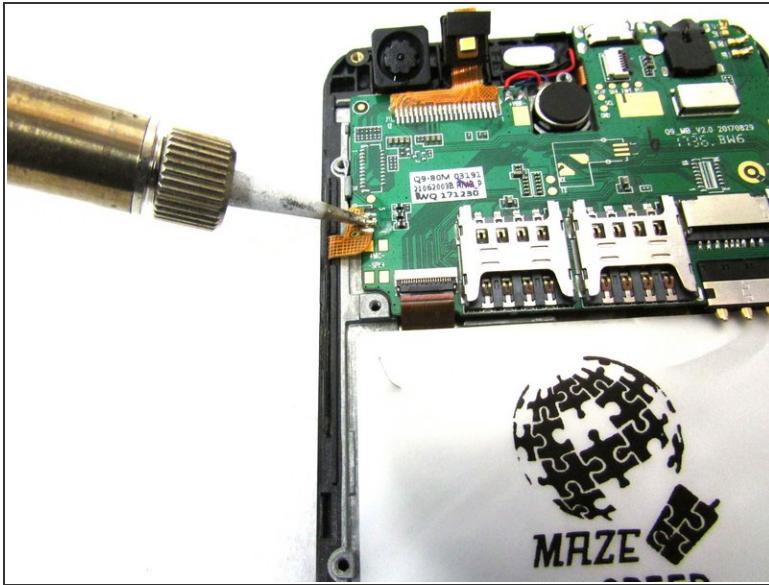
- Unscrew the 2mm screw at the bottom right of the motherboard.
- Remove the internal antenna casing from the motherboard.

Step 5



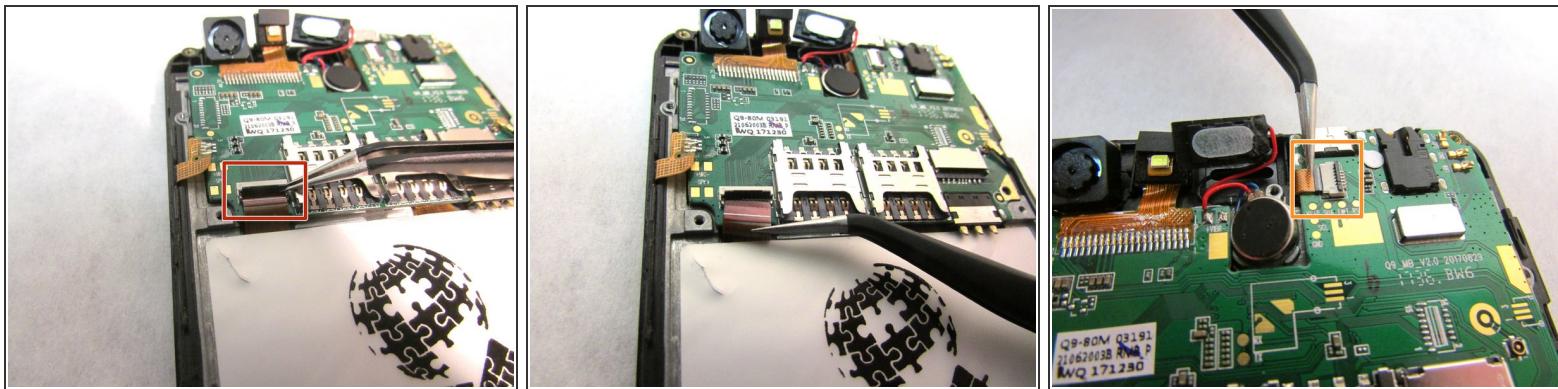
- Unplug the speaker at the top of the motherboard.

Step 6



- Desolder the gold ribbon that is connected to the motherboard at the bottom left corner.

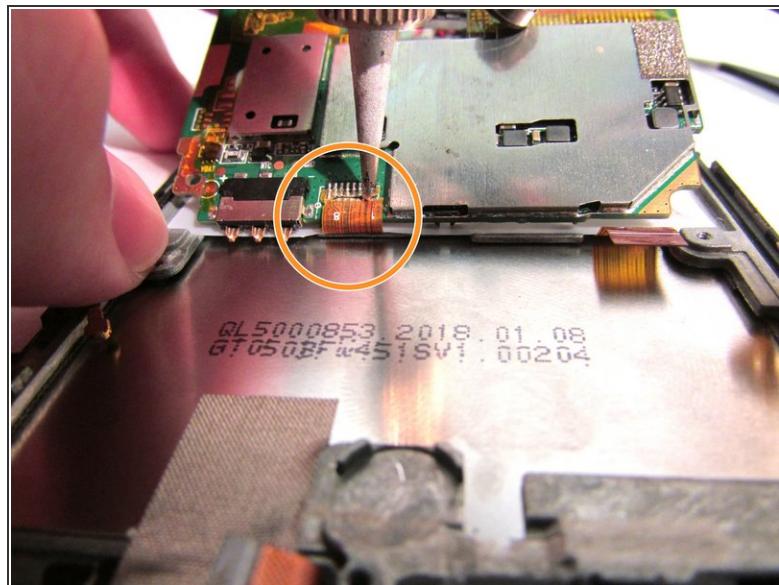
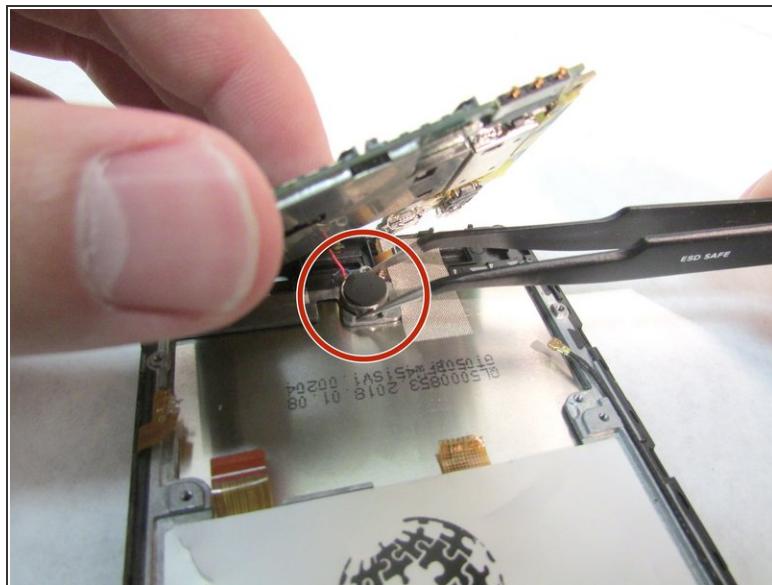
Step 7



- Use tweezers to remove cable from the ZIF connectors located at the bottom left of the motherboard.
- Use the tweezers to remove the second cable from ZIF connector located to the right of the speaker that you unplugged in step five.

(i) ZIF connector stands for Zero Insertion Force. Flip the small locking tap before removing the cable.

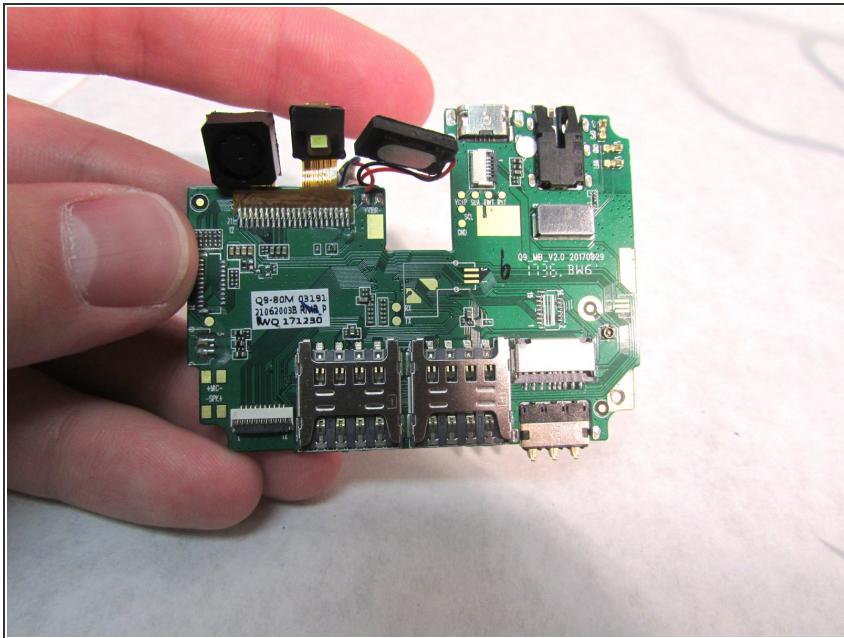
Step 8



(i) At this point, the motherboard should be able to be lifted up from the bottom.

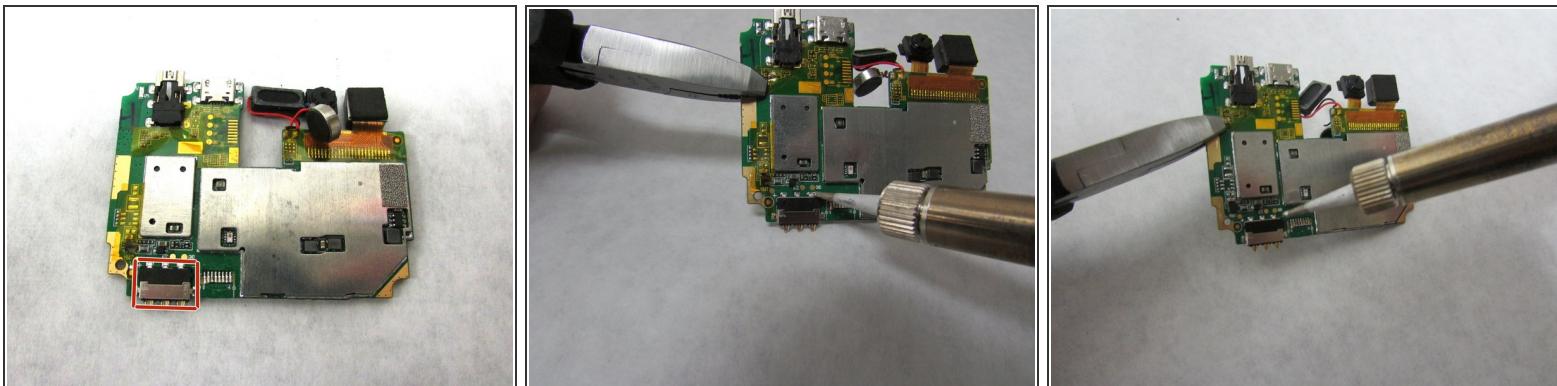
- Use the tweezers to dislodge the speaker.
- After the speaker is dislodged, flip the motherboard up so that you can see the cable.
- Using a soldering tool, desolder the cable from the back of the motherboard.

Step 9



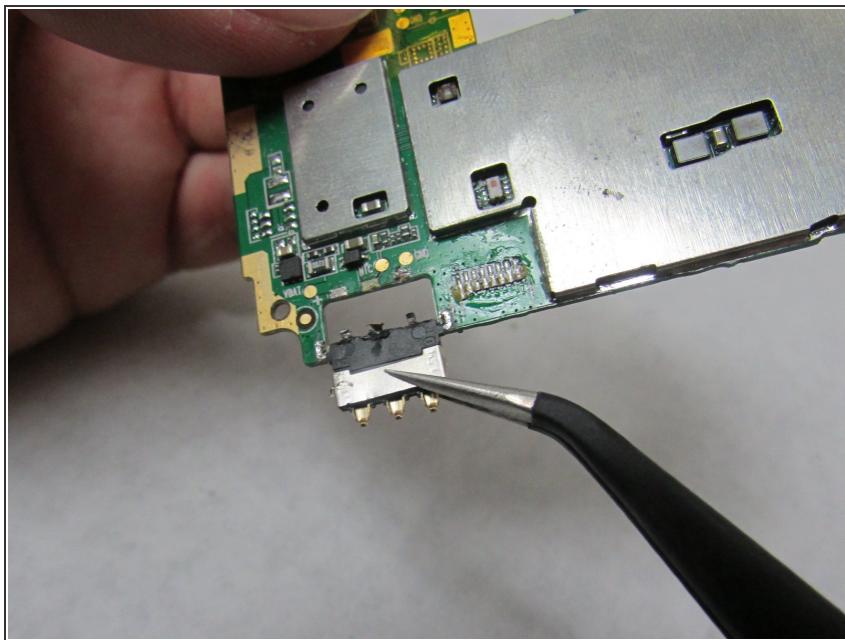
- Remove the motherboard from the back.

Step 10 — Battery Port



- Flip the motherboard upside down and you will see the battery port connected to the motherboard with 5 different soldered places.
- Use the pliers to hold the motherboard and desolder the 5 places which are connected to the motherboard.

Step 11



- Use the tweezers to pull out the battery port.
- Then, replace it with the new battery port.

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