



BEM Mojo 2 Speaker Motherboard Replacement

Are you experiencing a lack of audio output yet your device still charges? This may be due to issues with the motherboard.

Written By: Rachel Iacoboni



INTRODUCTION

When replacing the speaker motherboard is important to use this as a last resort if your speaker is not turning on. The buttons could be not functioning and that would be a problem with the charging base motherboard or simply cleaning the buttons. The reason to replace the speaker motherboard would be if the ON/OFF switch is broken and not working at all. This guide will show you how to replace the speaker motherboard.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Metal Spudger](#) (1)
- [Tweezers](#) (1)
- [iFixit Opening Tools](#) (1)

Step 1 — Speaker Battery



- Pull back the rubber corners to uncover the bottom screws.
- Continue this process for all four 10 mm screws.

Step 2



- Use the J0 screwdriver to remove all four 10mm screws from the bottom of the speaker.

 **Caution:** It is important when using the screwdriver to not use excessive force as this may strip the screw and can damage the speaker itself.

Step 3



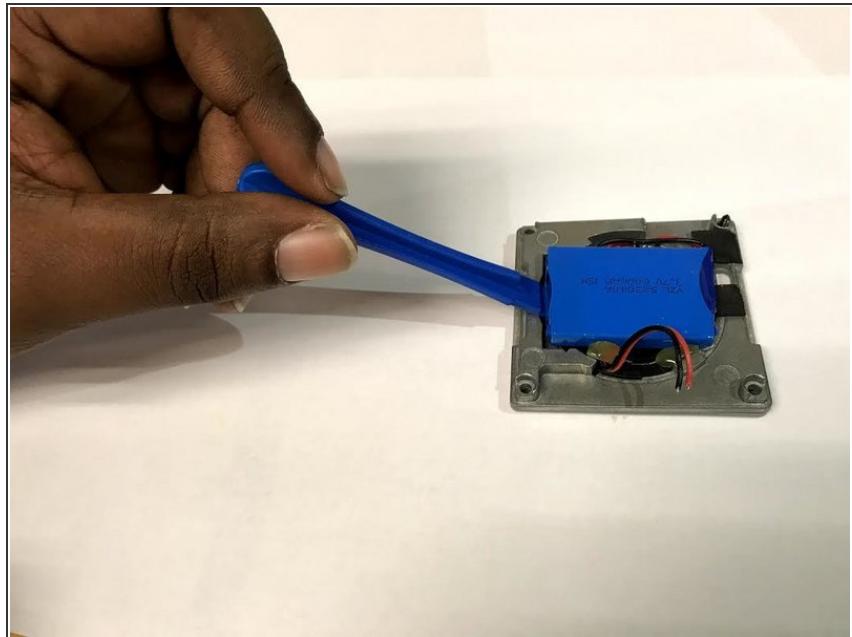
- Remove the bottom cover of the speaker.

⚠ *Caution:* Be careful when removing the bottom cover of the speaker as there are wires that connect to the speaker itself that become exposed upon base removal.

- Remove all of the wires from the speakers internal chip, utilizing the tweezers.

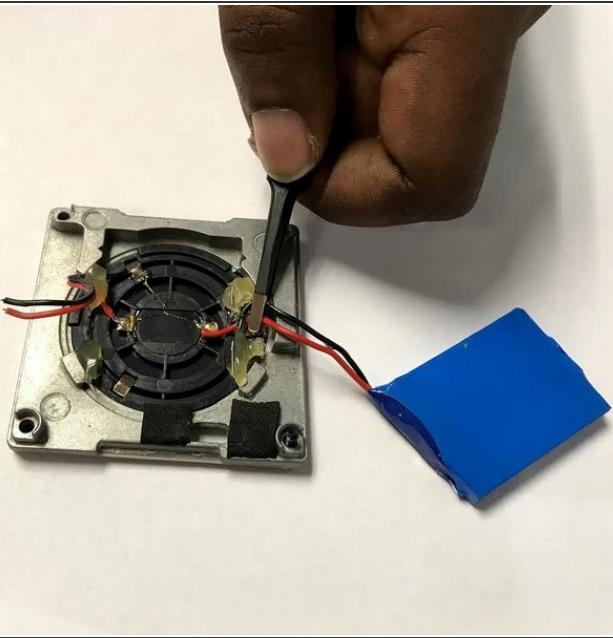
⚠ *Caution:* Be careful not to damage the chip.

Step 4



- Remove the speakers battery from its metal base, utilizing the plastic opening tool.

Step 5



- Remove the wires from the speakers battery using the tweezers or by gently removing them by lightly pinching.

Step 6 — Speaker Motherboard



- Use the J0 screwdriver to remove all four 10mm screws from the motherboard.

Step 7



- Remove the red/black wires in addition to the blue/white wires using the tweezers.

Step 8



- Remove bus wire from the speaker's motherboard and lift the motherboard out of the speaker.

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