BEM Mojo 2 Speaker Motherboard Replacement

When replacing the speaker motherboard is...

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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 Tool (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

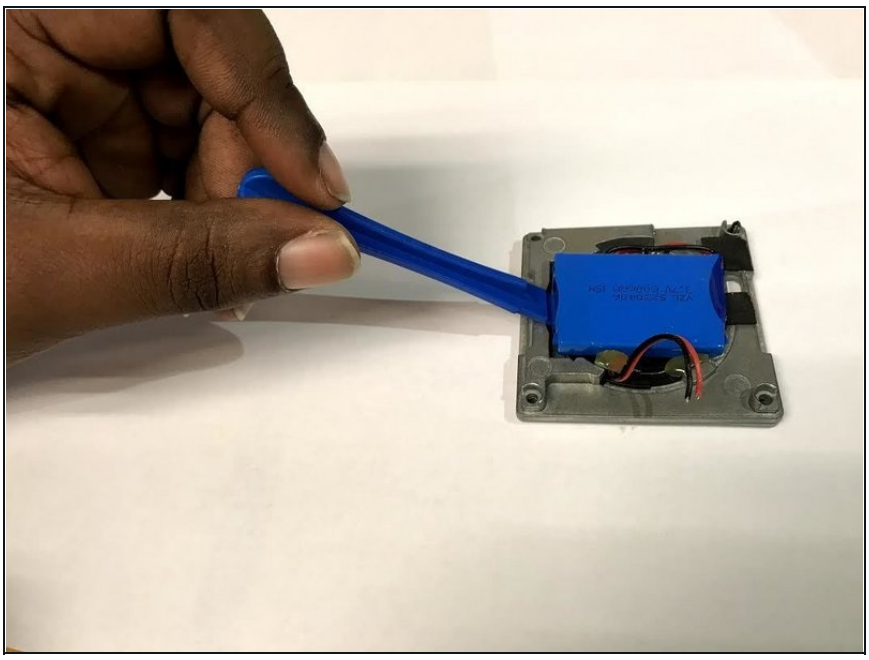
- Remove the bottom cover of the speaker.

⚠ *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.

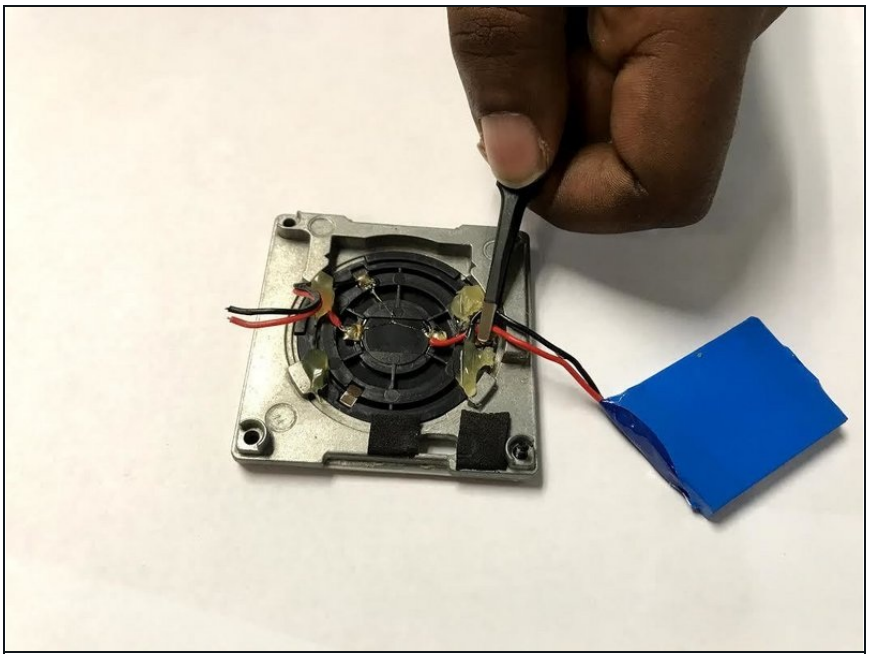
⚠ *Caution*: Be careful not to damage the chip.

Step 4



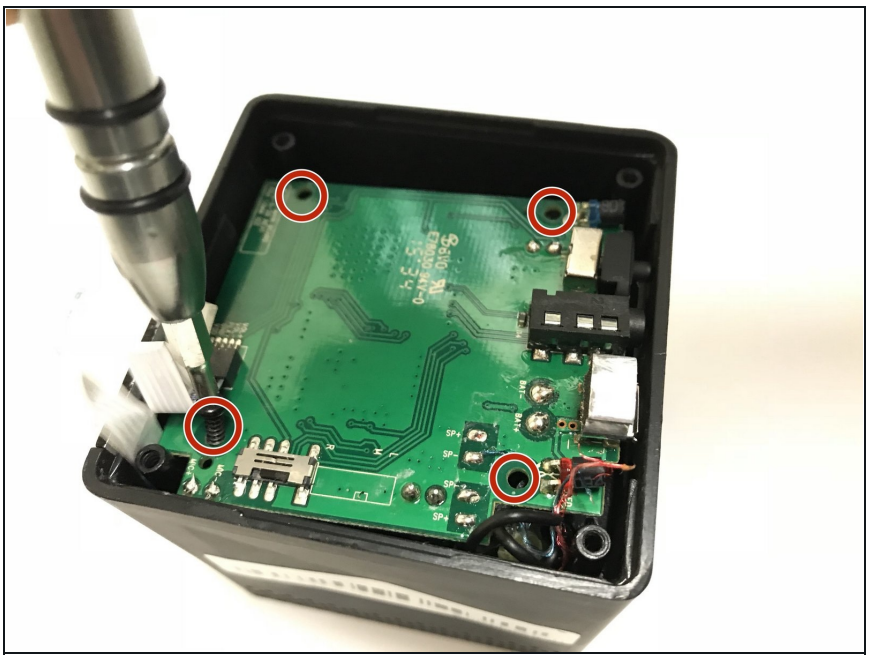
- Remove the speakers battery from its metal base, utilizing the plastic opening tool.

Step 5



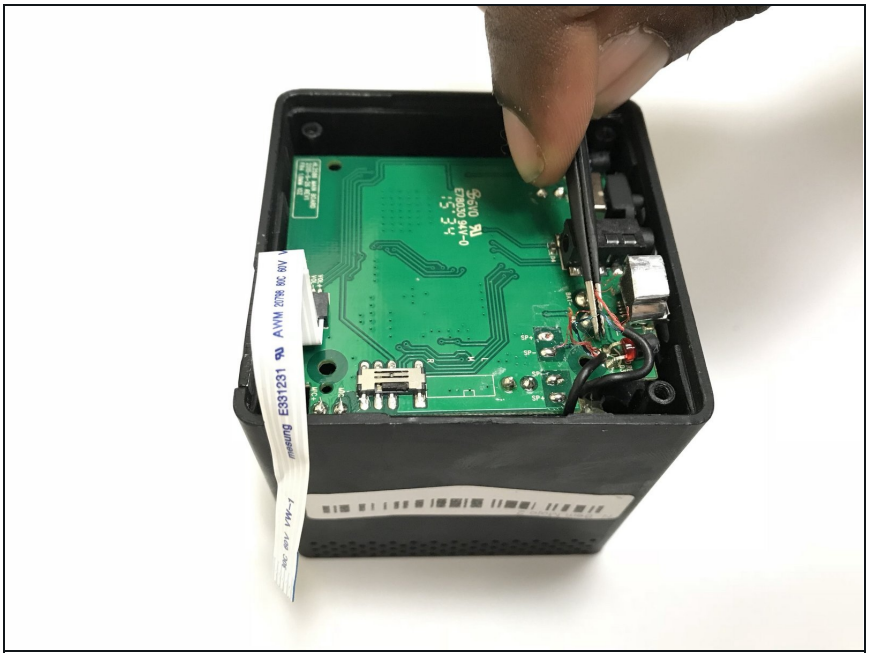
- Remove the wires from the speakers battery using the tweezers or by gently removing them by lightly pinching.

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.