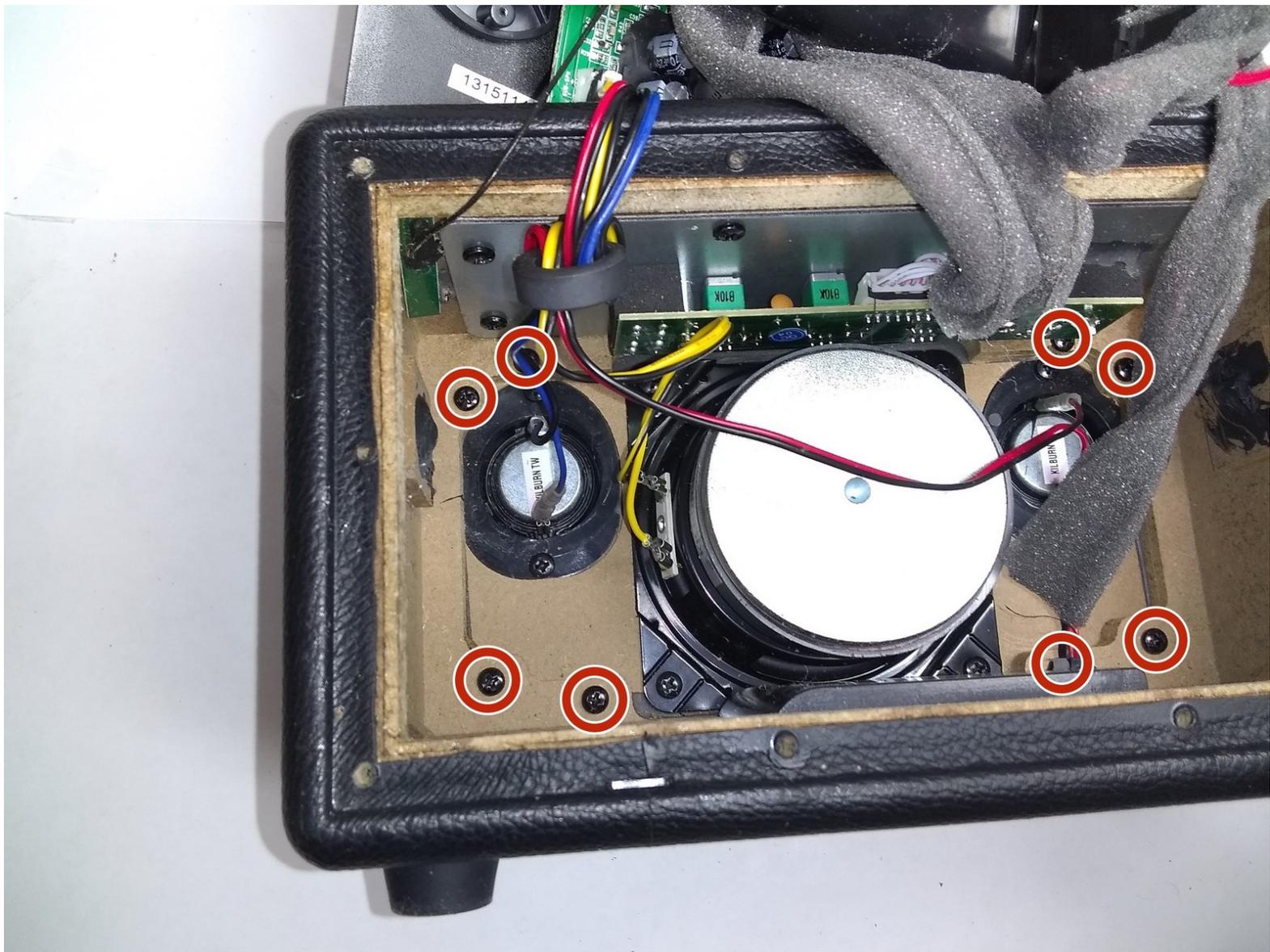




Marshall Kilburn Main Speaker Replacement

This guide describes the process to replace the main speaker driver in the Marshall Kilburn speaker.

Written By: Jeff Feuss



INTRODUCTION

Issues with the sound quality of the speaker can be resolved using this guide. Since screws can get loosened and mess up the sound quality, the speaker can be tightened or replaced by following this guide. It is very important to remember to unplug the device before attempting to replace the main speaker.

TOOLS:

- [T10 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Phillips #2 Screwdriver](#) (1)
-

Step 1 — Battery



- Place the unit face down as shown in the picture, exposing the battery cover.
- Remove the two 4.0mm long screws holding the cover on using a T10 driver.

Step 2



- Remove the battery cover using a fingernail or nylon spudger.

Step 3



- Remove the battery and unplug the power lead.

Step 4 — Power Switch



- Place speaker as shown in image and remove the four corner 45.5mm back cover screws with a Phillips #2 driver.
- Using a Phillips #2 driver, remove the six remaining 21.5mm outer back cover screws.

Step 5



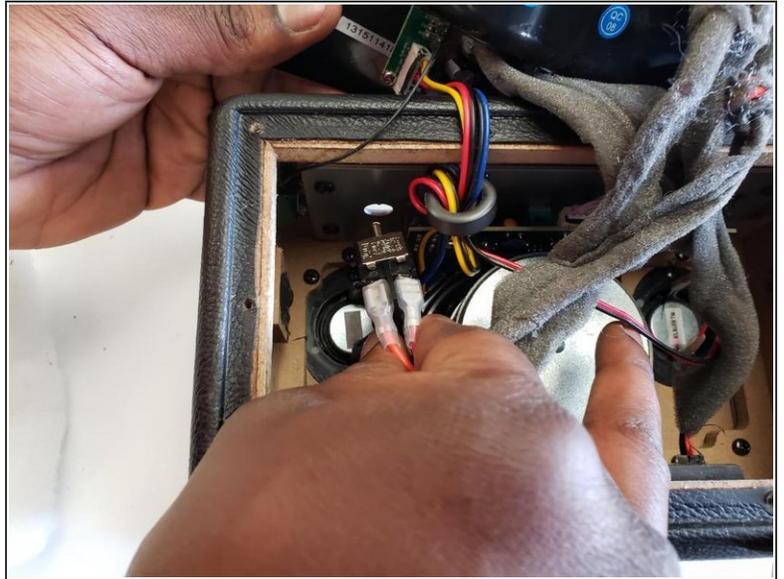
- Remove the back cover by using the vent hole as a grip.
- Gently pull out the back cover and let it hang on the side of the speaker that has the knobs and power switch.
- Unplug the main power lead from the control board; this allows the back to be opened more, allowing easy access to the power switch.

Step 6



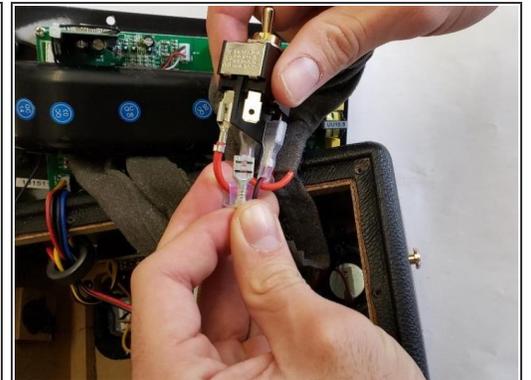
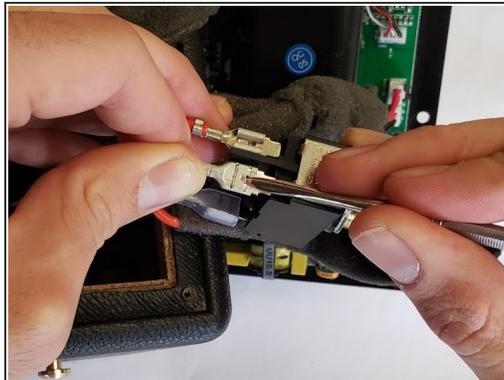
- Pull the back cover attached to the motherboard to the side as shown in first image.
- Remove the white insulator from the stereo speaker and place it to the side.

Step 7



- Place the speaker up right, and unscrew the golden bolt around the power switch with your hands, or a wrench.
- Gently pull out the power switch as shown in the image.

Step 8



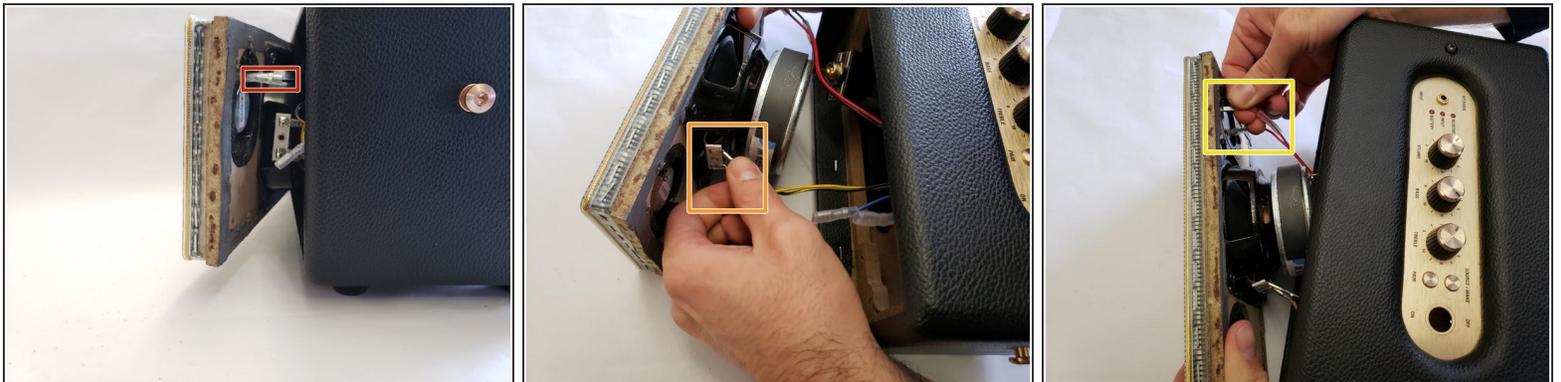
- Use a slim spudger to wedge out the four red wires attached to the power switch.

Step 9 — Main Speaker



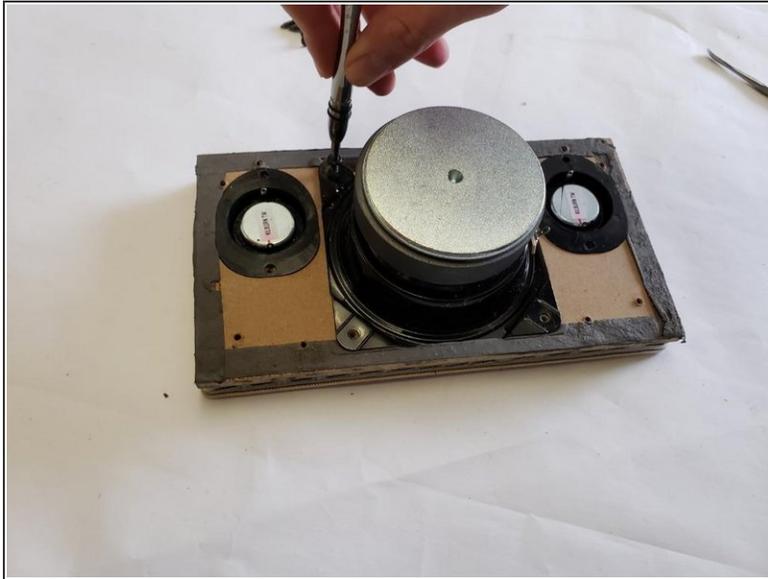
- Unscrew the eight 22.5mm screws of the speaker cover and the device using a Phillips #2 screwdriver.
 - Gently push the speaker cover out of the stereo speaker.
- ⚠ Make sure to slowly push out the speaker cover, and not too far because it is still connected to the stereo speaker.

Step 10



- Disconnect the blue wires connected to the tweeter.
- Disconnect the yellow wires connected to the main speaker.
- Disconnect the red wires connected to the second tweeter.

Step 11



- Unscrew the four 13.5mm screws connecting the main speaker to the speaker cover, with a Phillips #2 screwdriver.

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