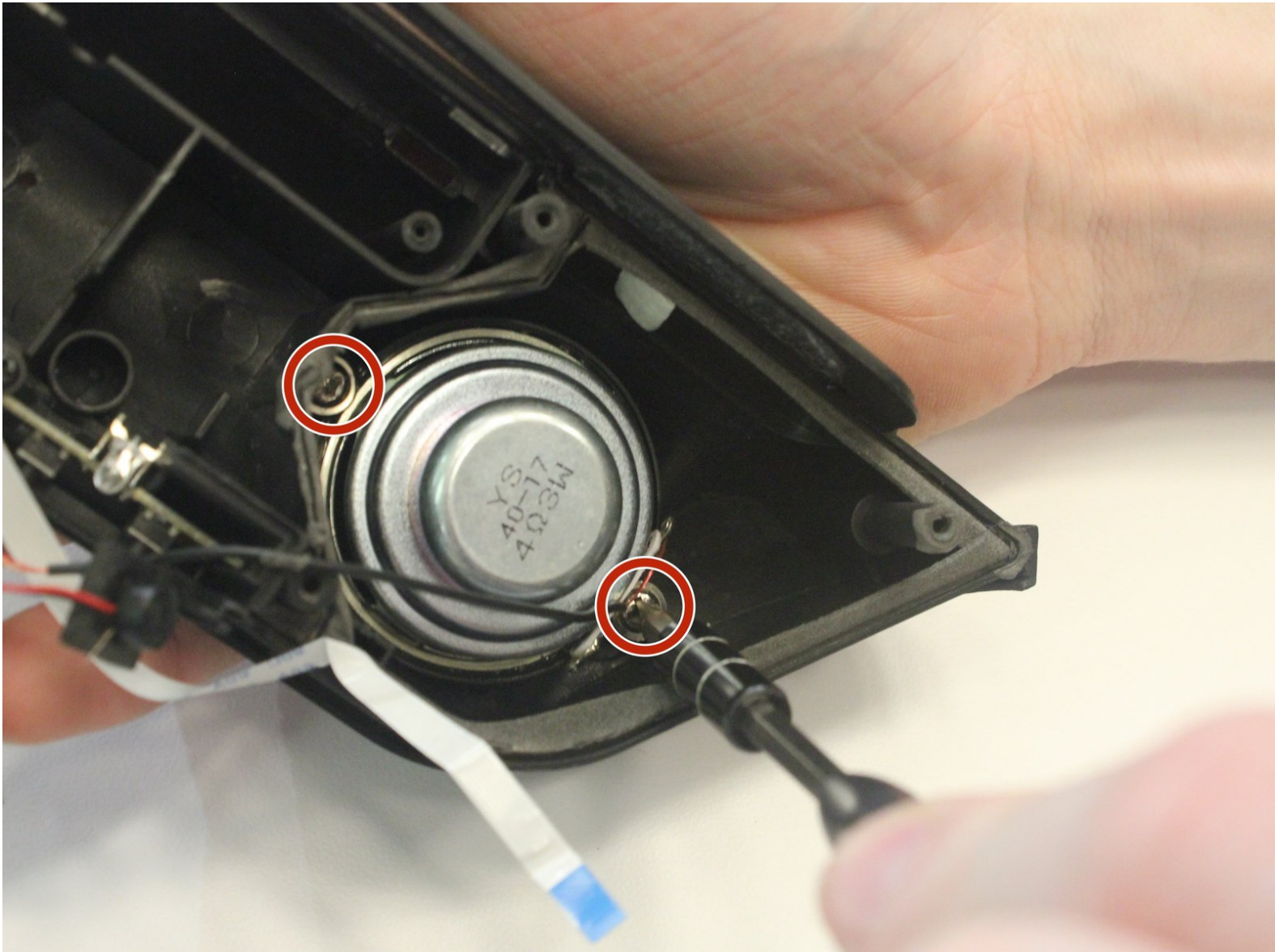




# VENSTAR Taco Speaker Replacement

This guide demonstrates how to replace the speakers in a VENSTAR Taco.

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## INTRODUCTION

If your speakers keep cutting out or are no longer working at all, you will follow this guide to replace them. Beyond just being screwed down the speakers are also glued into place and must be torn/pulled off in order to access. Soldering is also required to remove from motherboard, so use caution.



### TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Hakko 5B SA Curved Tweezers](#) (1)
- [Metal Spudger Set](#) (1)
- [Portable Soldering Iron](#) (1)

## Step 1 — VENSTAR Taco Disassembly



- Starting with the Taco on its side, use the plastic opening tool to pop off the outer casing near the base.

⚠ The base labeled "VENSTAR TACO" is glued. Be careful separating the two sides of the device.

## Step 2



- Repeat the previous step on the opposite side to remove the other outer casing.



### Step 3



- Using a Phillips PH0 3 mm-bit screwdriver, remove the six screws on the inner layer of the Taco.

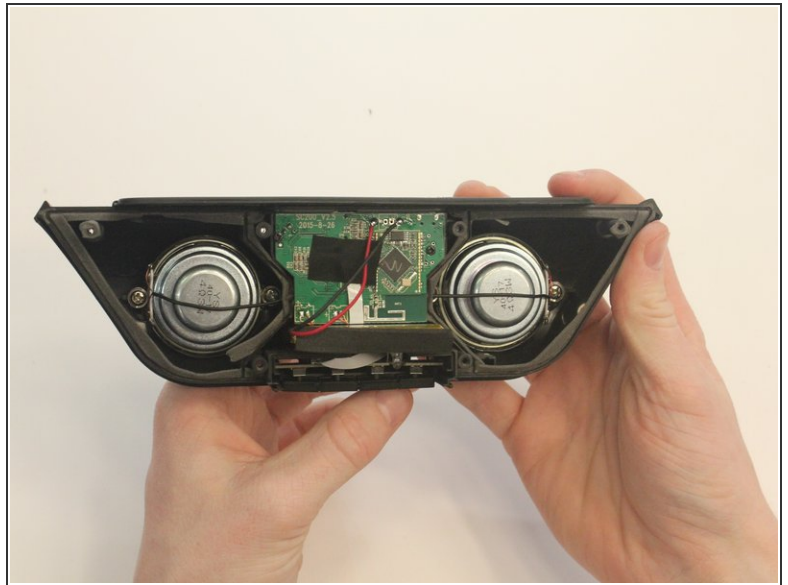
⚠ The screws are small and can get stuck. Use tweezers to pull them out if you are having trouble.

### Step 4



- From the same side you just unscrewed, use a plastic opening tool to unwedge the inner cover on both sides of the base.

## Step 5



- Slide off the inner cover. It pulls apart and is held on by a small amount of glue.

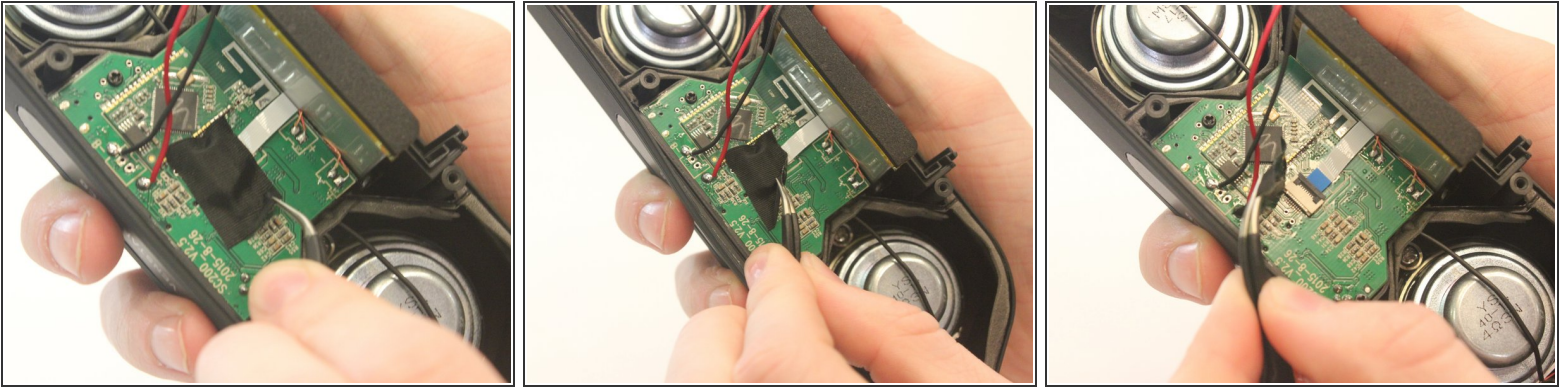
## Step 6 — Logic Board Replacement



- Remove the rubber covering from the buttons.

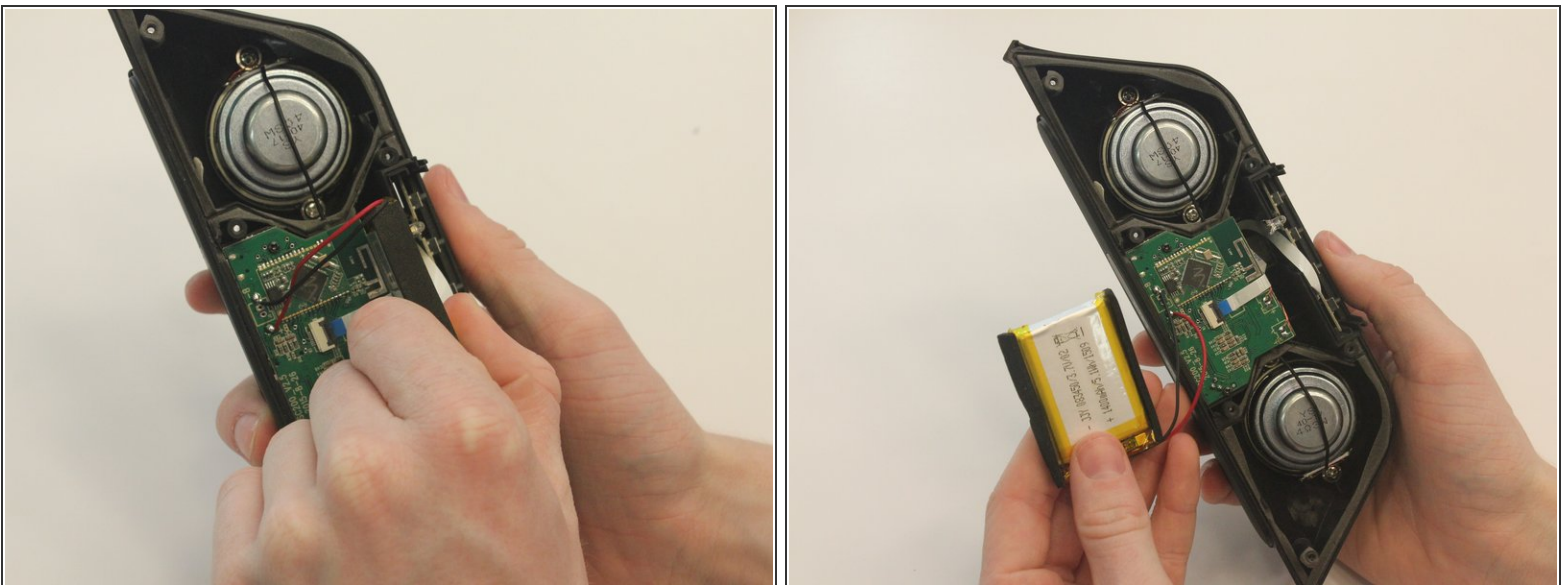


## Step 7



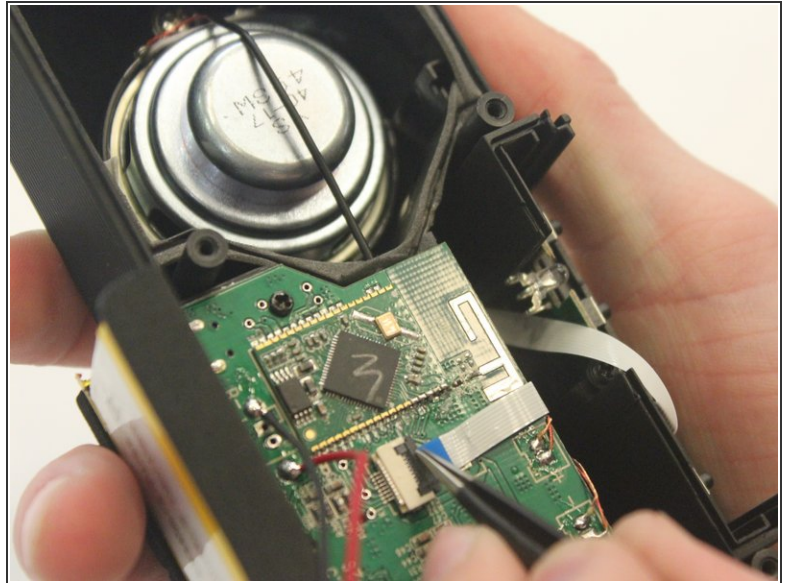
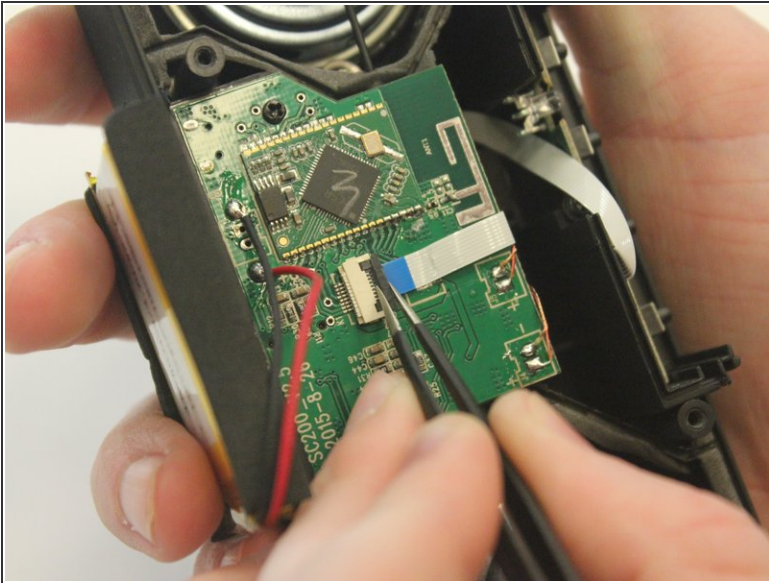
- Remove the black fabric covering the logic board.

## Step 8



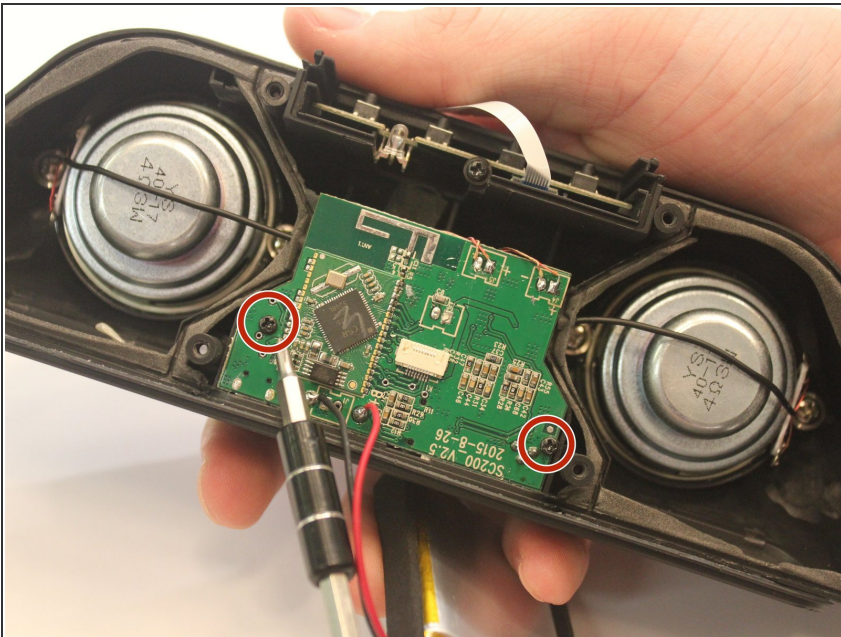
- Move the battery out of the way of the connector.

## Step 9



- Undo the connector of the flat white ribbon between the switches and the logic board.

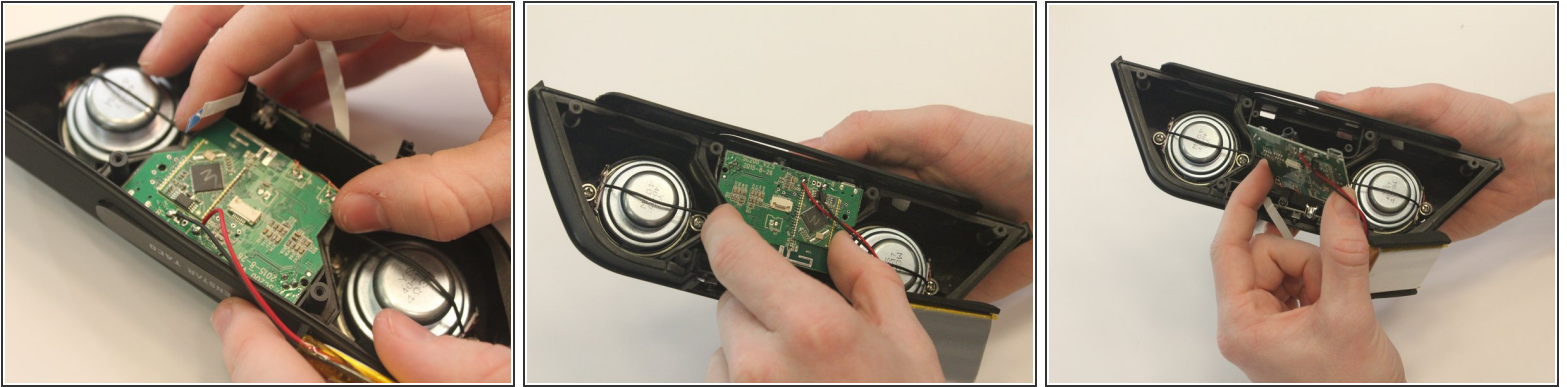
## Step 10



- Undo the two black 3mm screws on the logic board using the PH0 screwdriver.



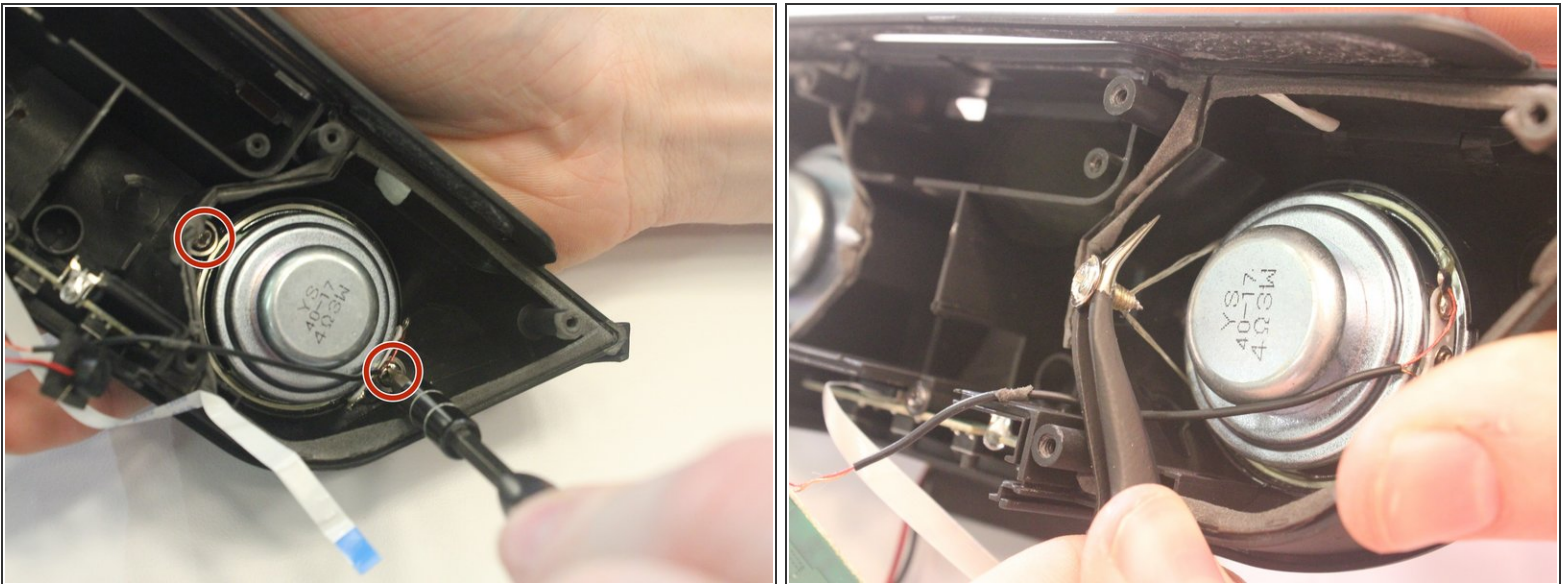
## Step 11



- Gently pull out the logic board.

**i** Note that the battery and the logic board are connected and must be removed together.

## Step 12 — Speaker Replacement

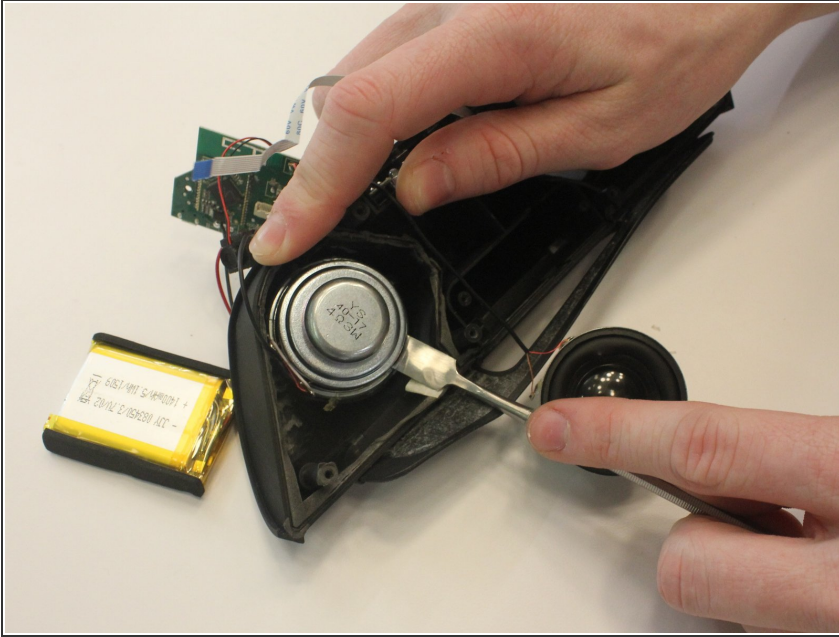


- Using the Ph1 screwdriver, unscrew both of the 2.5mm screws on either side of the speakers.

**i** The screws are glued in and may require the curved tweezers to pull all the way out.



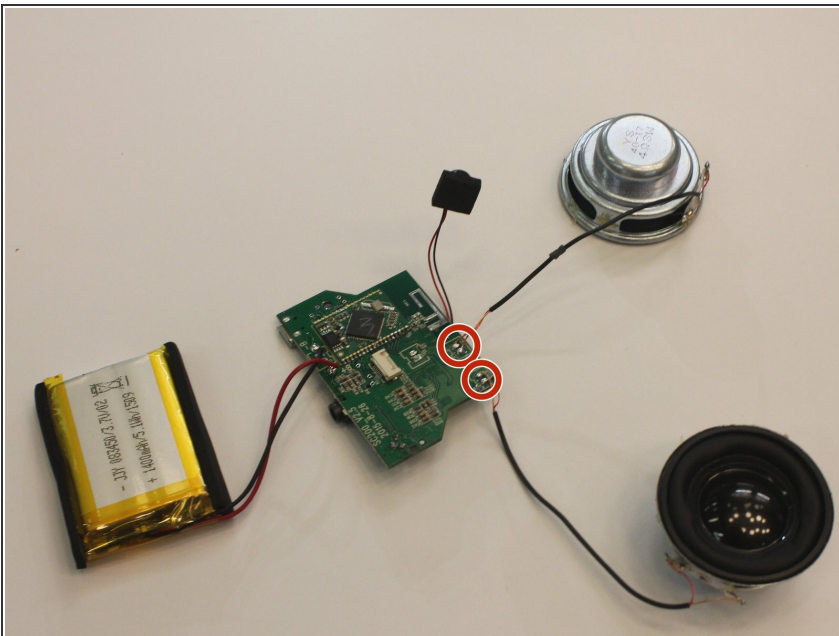
## Step 13



- Using a metal spudger, carefully wedge out the speakers from the casing.
- Repeat this step for the removal of the other speaker.

⚠ Speakers are glued into the casing beyond being screwed and require some care to remove.

## Step 14



- Using a portable soldering iron, melt the solder on the black speaker wires on the logic board.

⚠ Soldering uses hot metal and can burn you!

Solder your replacement speakers back to mother board, then to reassemble your device, follow these instructions in reverse order.

