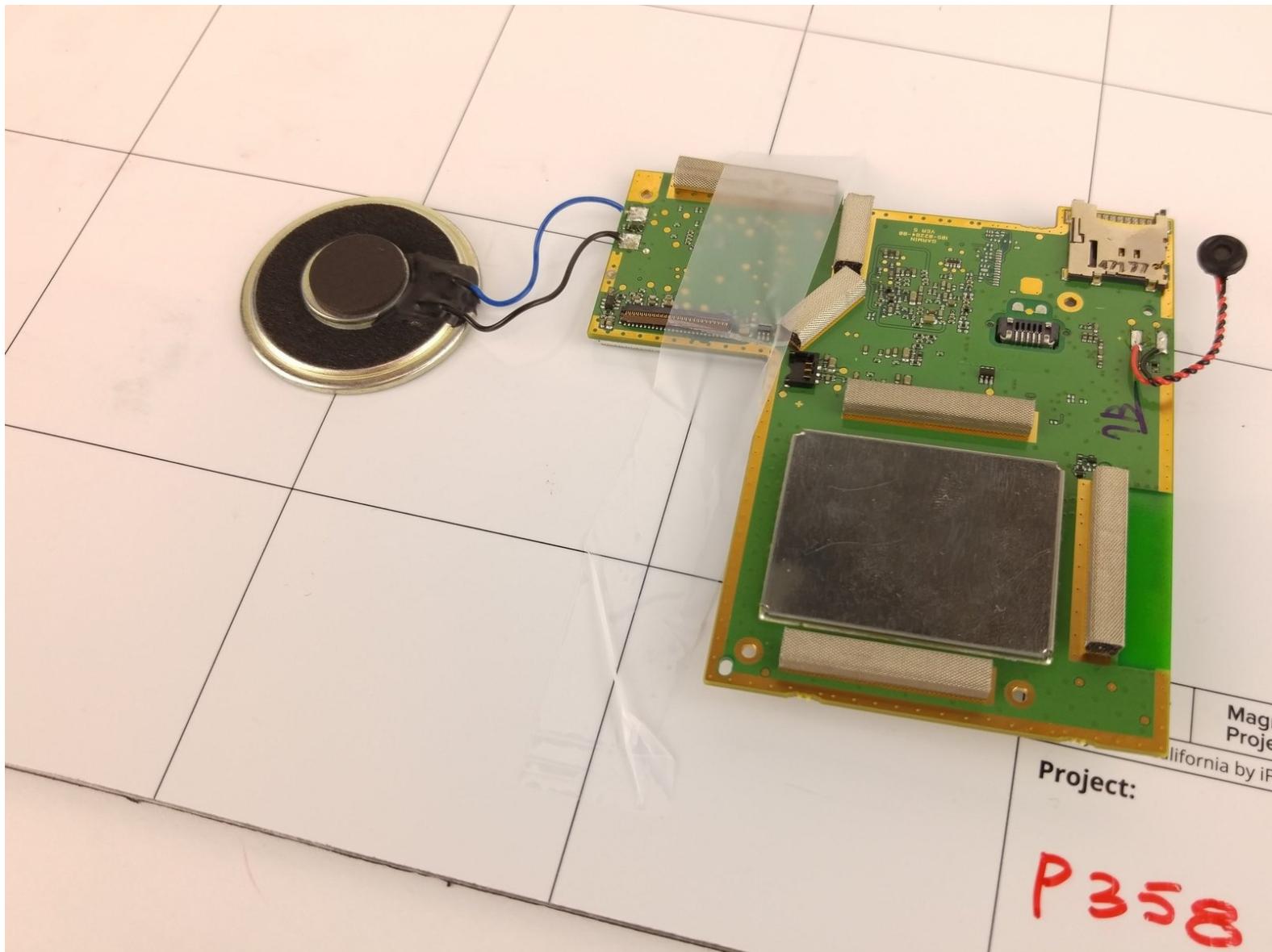




Garmin Nuvi 2689LMT Speaker Replacement

This guide demonstrates how to replace Garmin Nuvi 2689LMT speaker.

Written By: Joseph Lingvay



INTRODUCTION

This guide provides step by step instructions for removing and replacing the speaker for your Garmin Nuvi 2689LMT.

TOOLS:

- [Tweezers \(1\)](#)
- [Soldering Iron \(1\)](#)

Step 1 — Main Circuit Board



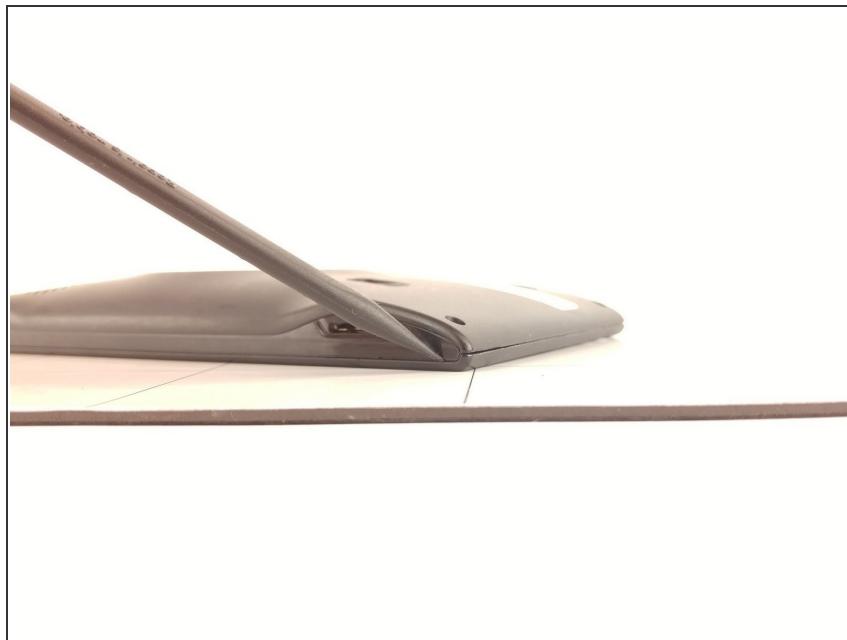
- Begin by removing the stand by depressing the tab and rocking the round interface back toward you, pulling it away from the Garmin unit.

Step 2



- Remove the four, 4mm hex screws at the four corners of the device using a T5 bit.

Step 3



- ⓘ Place the unit screen-side down flat, with the bottom facing you. There are two seams, the one on top is artificial.
 - Pry open the seam with a prying tool.

Step 4



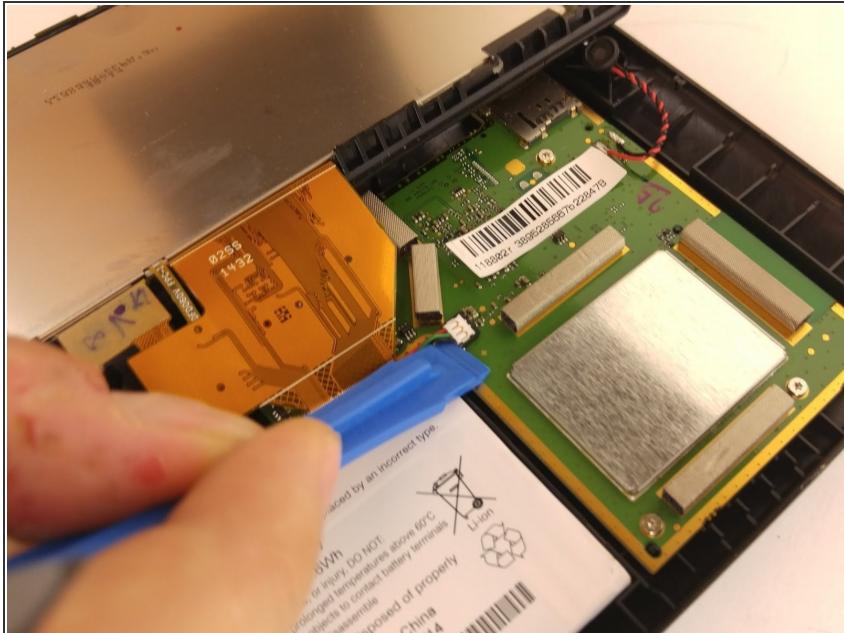
- Firmly force a plastic spudger into the bottom seam and pry open a section. Use a prying/pushing motion to force the spudger into the unit.
- Repeat this all the way around the seam.

Step 5



i Do not attempt to separate the unit until all the tabs have been separated. Once the seam is completely separated, you can lift the back away from the screen easily.

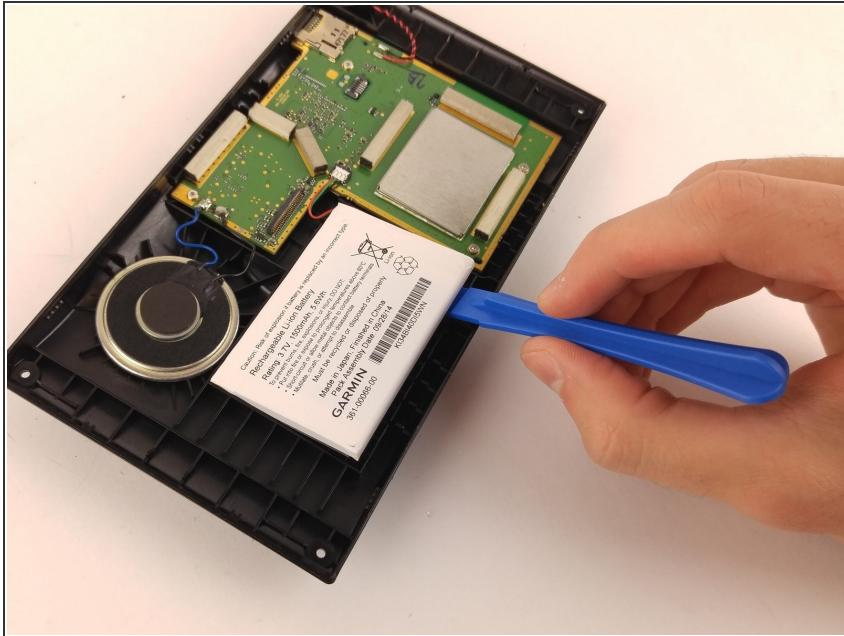
Step 6



i The battery is connected to the main circuit board via two wires, red and green in color, and is attached with a white connector.

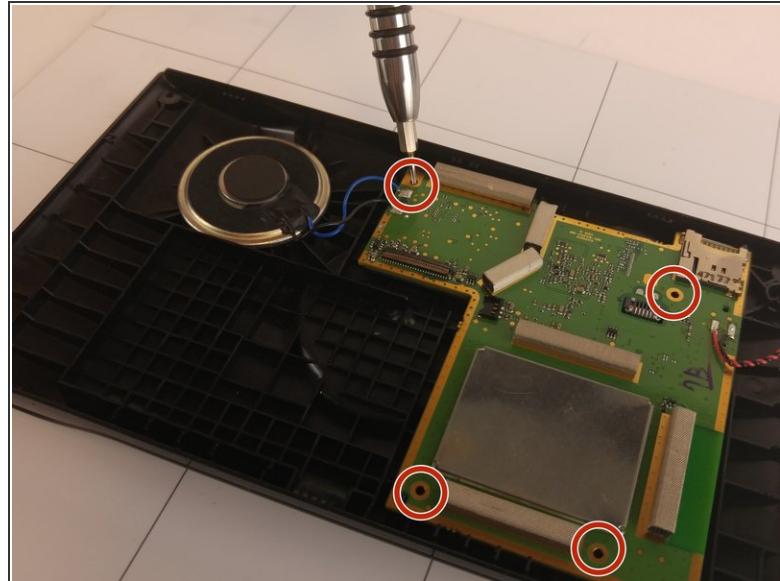
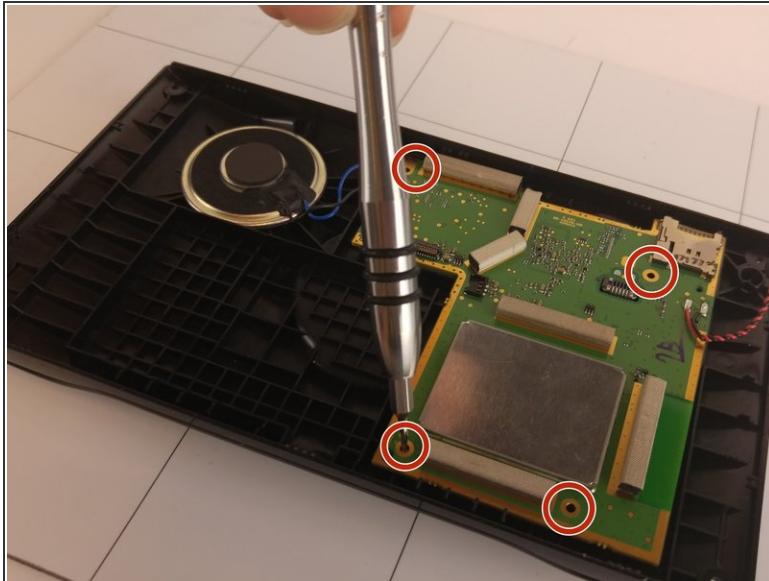
- Detach with a pry tool.

Step 7



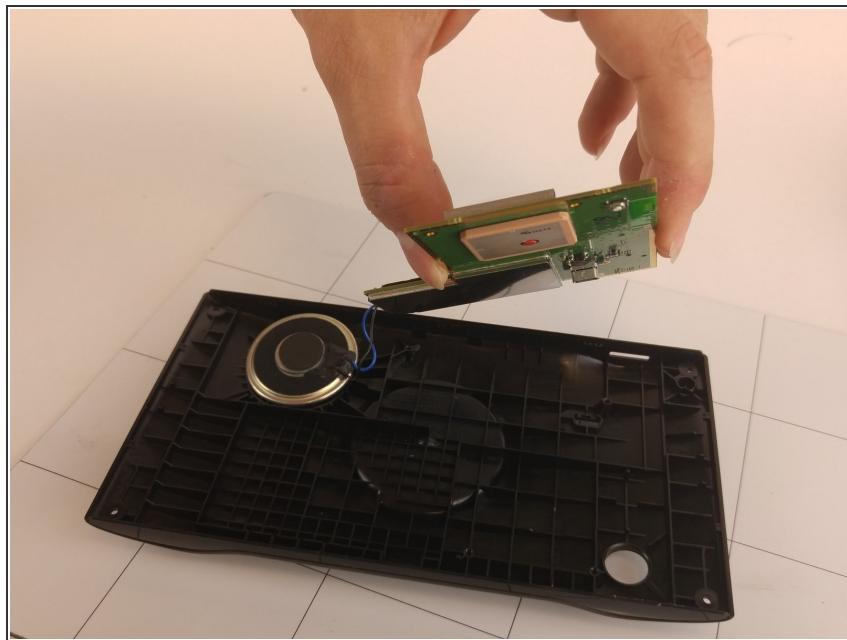
- The white battery is attached to the casing with an adhesive. Separate it with a prying tool.
- *(i)* Removing the battery protects it from damage and gives you more room to work.

Step 8



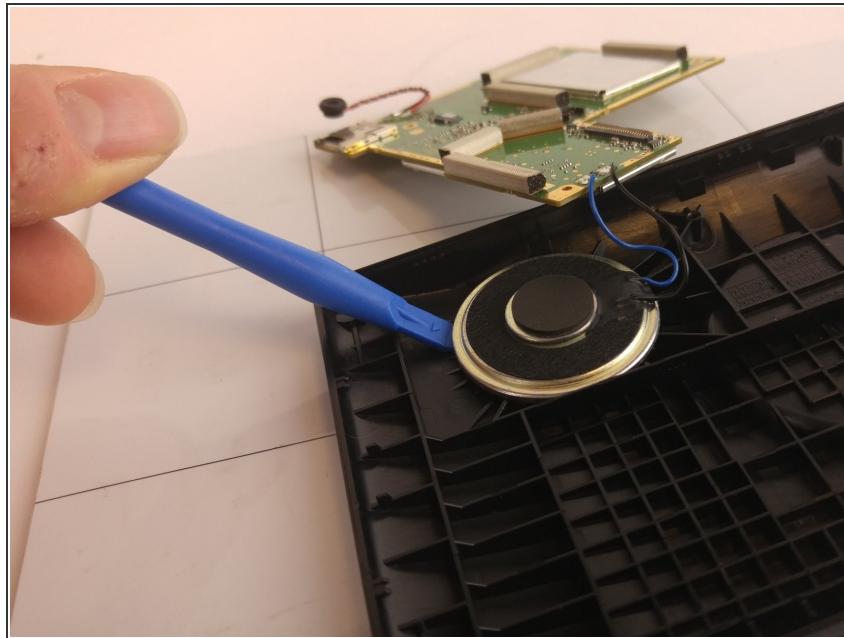
- Remove the four, 4mm hex screws with a T5 bit.
- These are located near the four corners of the main circuit board, as shown.

Step 9



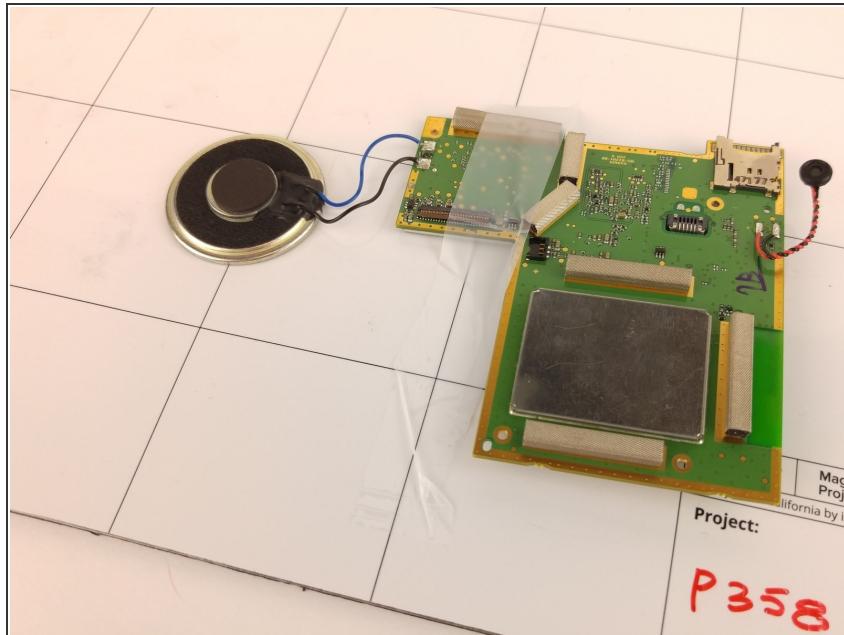
- Carefully pick up and remove the main circuit board from the device's plastic casing.

Step 10



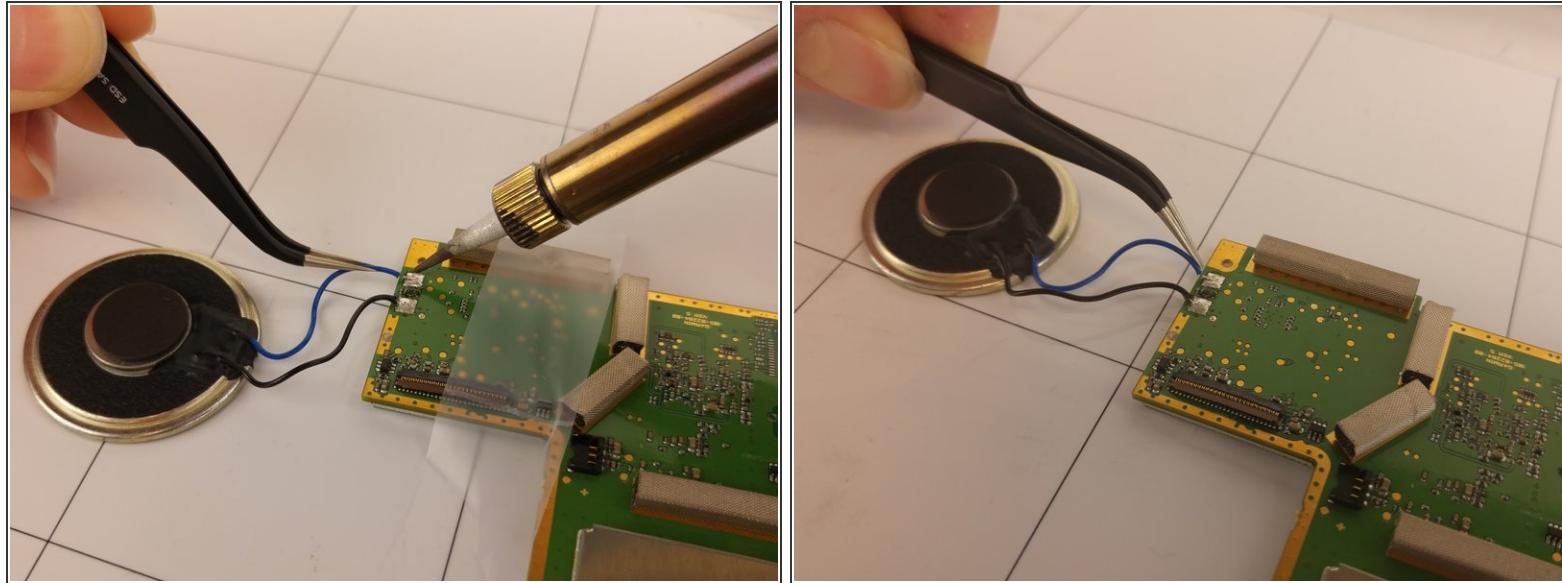
- Remove the speaker - located on the device as shown - from the plastic casing using a prying tool. Use the prying tool around the entire rim of the speaker to ensure a clean removal.

Step 11 — Speaker



- Tape the main circuit board onto a clean surface to steady the device.

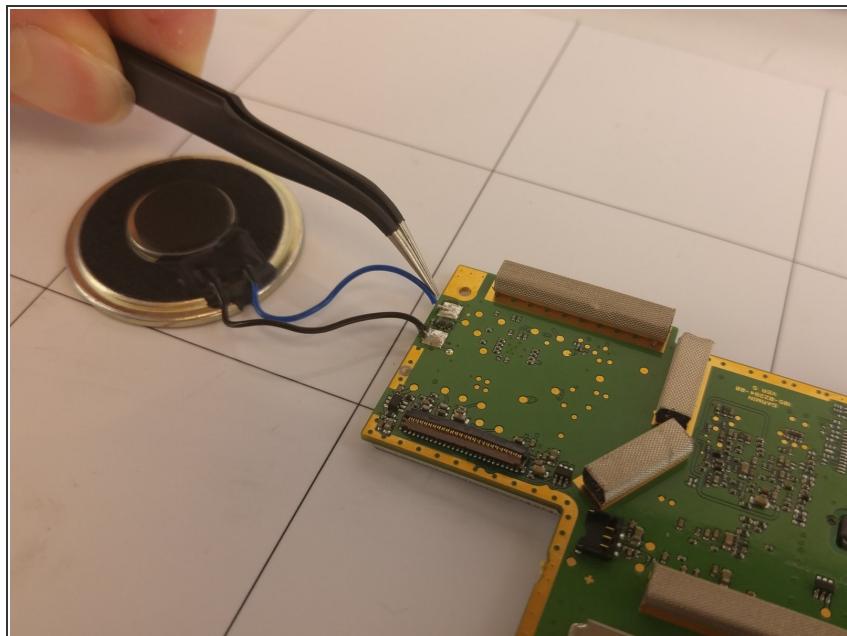
Step 12



- Melt and separate the the two metal connections on the circuit using a soldering iron then remove the wires using tweezers.

 Soldering irons will reach extremely high temperatures and should be used with caution.

Step 13



- Retrieve your replacement speaker and re-solder the wires back onto the main circuit board.

 Try to keep the solder on the metal contact points. Avoid heating the plastic circuit board.

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