



Motorola syn1654A Speaker Module Replacement

This guide will walk the user through through each step in removing and replacing the speaker module on the device.

Written By: Ben



INTRODUCTION

Before proceeding with the replacement guide, please ensure the headphones are unplugged from any device.

TOOLS:

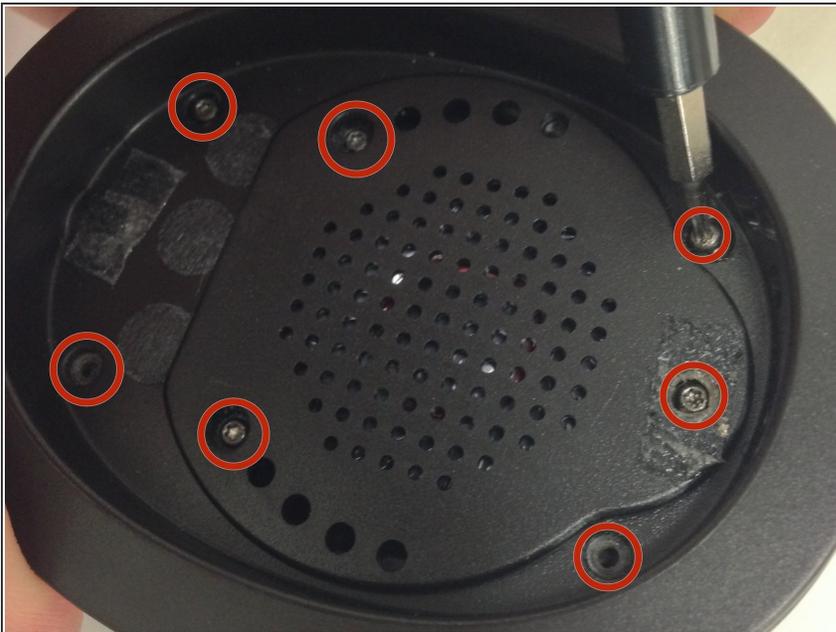
- [T6 Torx Screwdriver](#) (1)
 - [Soldering Iron](#) (1)
-

Step 1 — Speaker Module



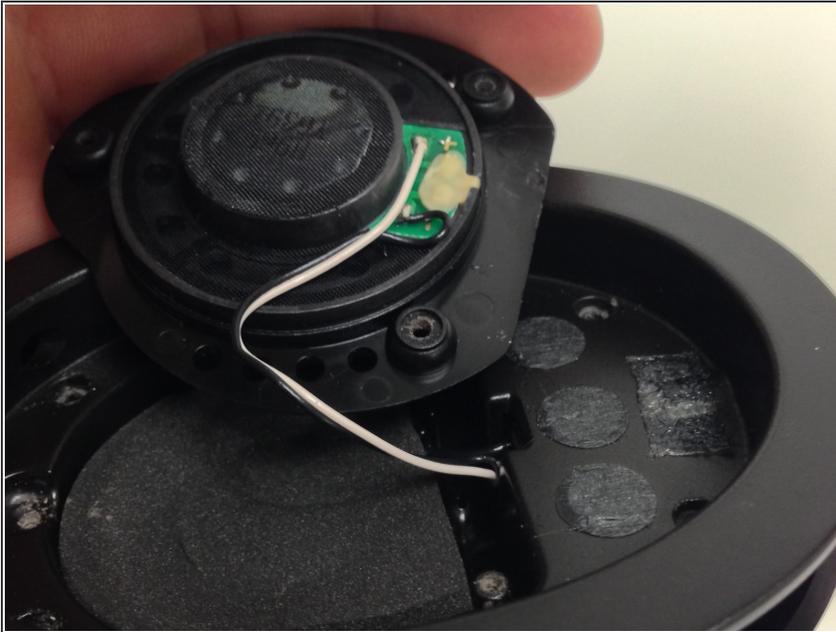
- See the speaker replacement guide and follow steps 1 and 2.

Step 2



- Use the T6 torx screwdriver to remove the seven screws located around the headphone cover and place the screws in a safe place.
- To avoid stripping screws, be sure to use the right drill bit oriented perpendicular to the face of the screw.

Step 3



- Carefully lift the speaker out of its housing while leaving all wires connected.

Step 4



- Lift the module out of the headphone cup, leaving all wires attached.
- Clip the two wires circled in orange.
- Now that the speaker is free set it aside.
- Clip the two wires circled in yellow.
- Replace speaker module and solder it to the two wires circled in orange.
- Now solder the speaker wires (circled in yellow) back to the module.
- For soldering see the ifixit soldering guide: [How To Solder and Desolder Connections](#)

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