



Samsung Mythic SGH-a897 Microphone Replacement

This guide will show you how to replace your...

Written By: Collin Gordon



INTRODUCTION

This guide will show you how to replace your microphone.

TOOLS:

[Phillips #00 Screwdriver](#) (1)

[iFixit Opening Tool](#) (1)

[Tweezers](#) (1)

Step 1 — Battery



- To remove the phone's back cover, slide your fingernail into the slit at the bottom of your phone.

Step 2



- Place your finger on either bottom corner of the battery slot and lift to remove the battery.

Step 3 — Rear Case



- Using a Phillips #00 Screwdriver, remove the six 5 mm screws from the back casing of the phone.

Step 4



- Using the iFixit Opening Tool, insert the tool into the seam between the back case and the rest of the phone.
- Working along the seam, pry the back casing from the phone.

Step 5 — Motherboard



- Using a Phillips #00 screwdriver, remove the two 3.8mm screws.

Step 6



- Using [tweezers](#), firmly grip the black lever at the bottom of the motherboard.
- Use the tweezers to flip the black lever up so that it is upright from the motherboard.

Step 7



- Remove the ZIF cable by carefully using the tweezers to pull the cable straight out.

Step 8



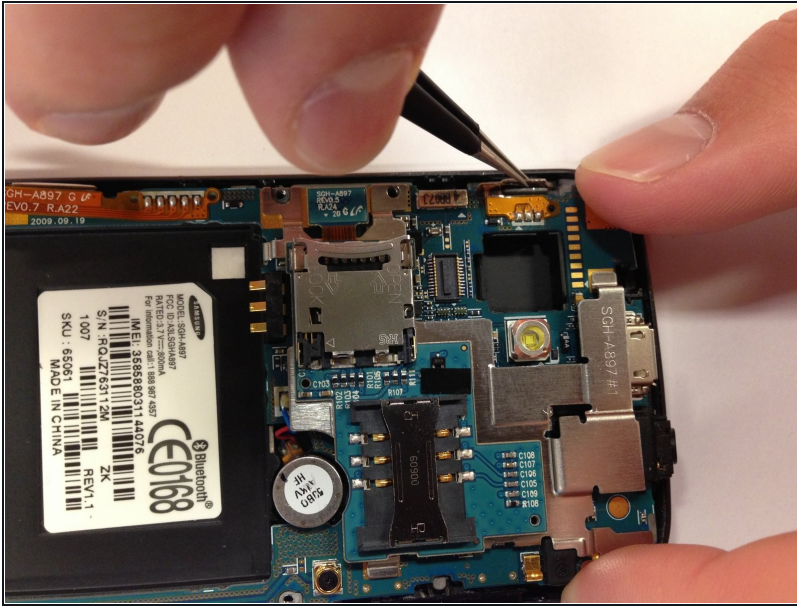
- On the right from the lever, use the tweezers to unclip the black connector.

Step 9



- Use the tweezers to unclip the orange ribbon cable from the left side of the phone.

Step 10



- Use the tweezers to unclip the other orange ribbon cable along the left side of the phone.

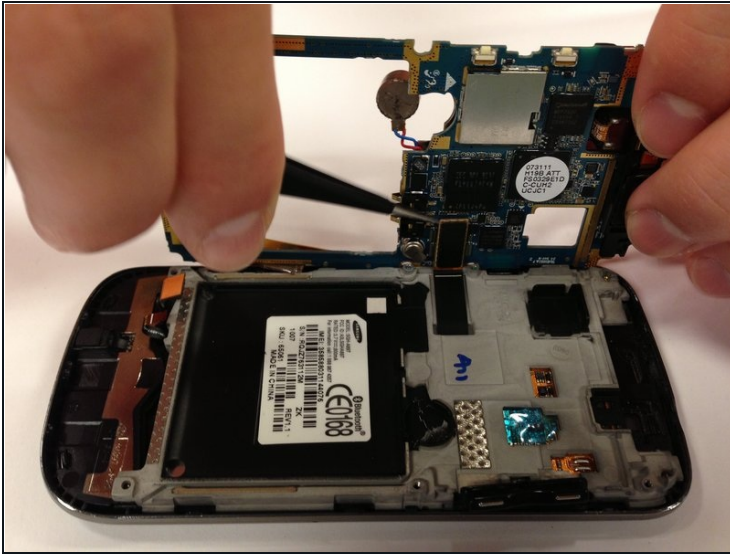
⚠ Work carefully, as this is a very delicate part of the phone's motherboard that can easily be broken.

Step 11



- Using either side of the tweezers, slide a side of the tweezer underneath the red and blue wires and the capacitor.
- Carefully lift the capacitor away from the phone.

Step 12



⚠ DO NOT remove the motherboard completely. One more clip on the motherboard's backside needs to be removed.

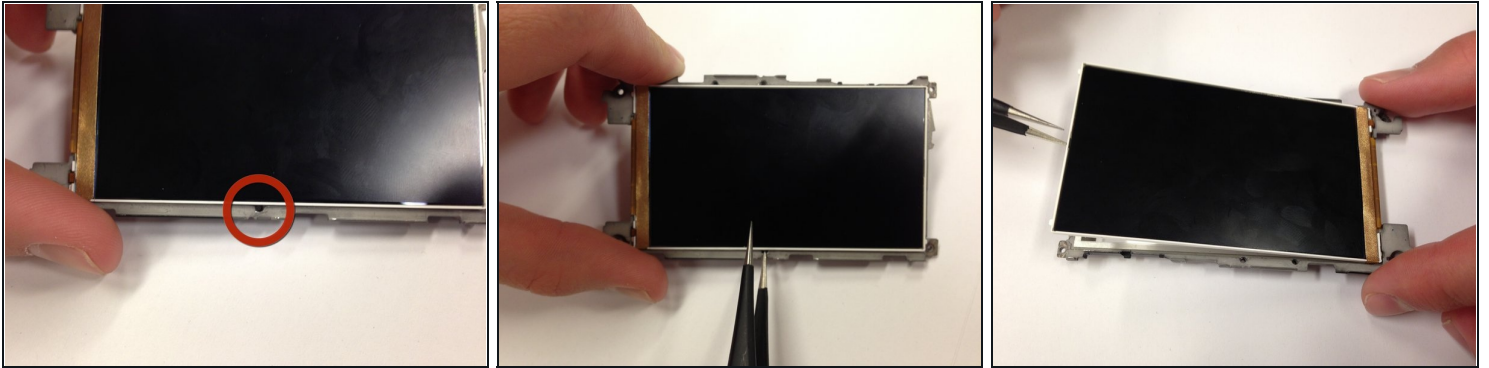
- Carefully tilt the motherboard up from the back of the phone.
- Use tweezers to unclip the black connector.

Step 13 — LCD



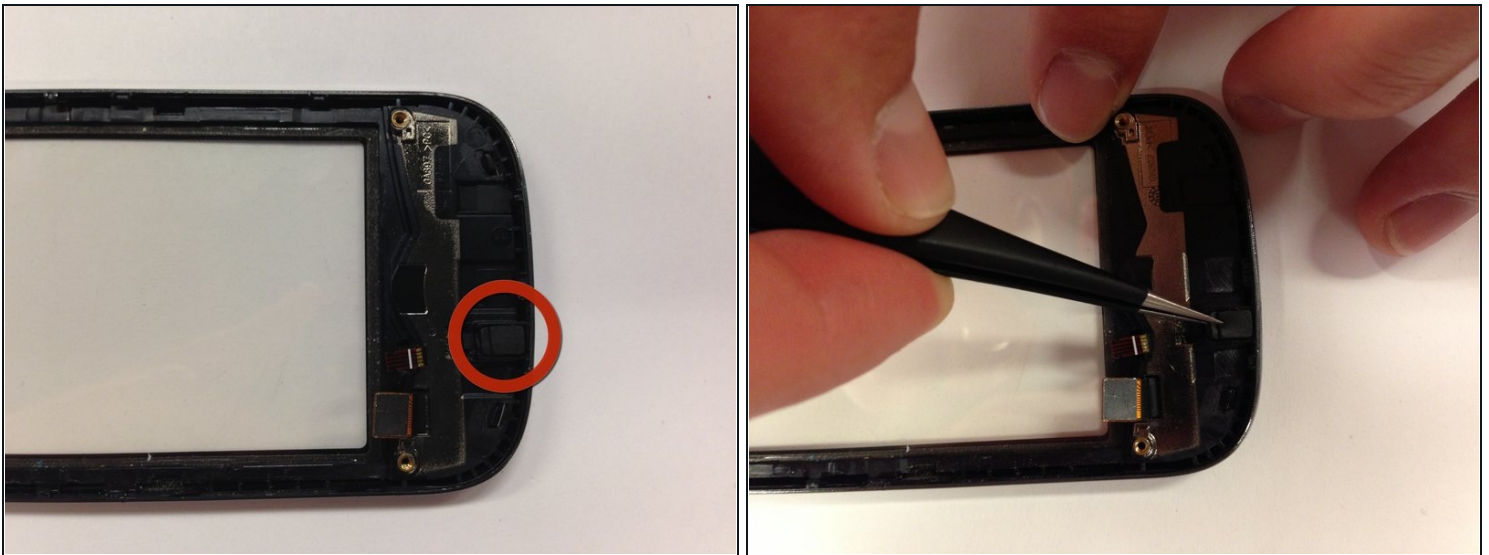
- Hold the phone by the black plastic at the ends and gently bend them down so that the middle of the phone is the highest point. Apply pressure slowly until the grey portion pops off.

Step 14



- Insert the [tweezers](#) into the hole to wedge them between the LCD and grey plastic.
- Once under the LCD, slide the tweezers around the three silver edges until the entire display lifts from the grey plastic.

Step 15 — Microphone



- Find the rubber microphone backing on the bottom of the back of the front cover as shown in the picture. Use [tweezers](#) to pluck the microphone from the casing.

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