



Samsung Mythic SGH-a897 Microphone Replacement

Replace the microphone in your Samsung Mythic SGH-a897.

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INTRODUCTION

This guide will show you how to replace your microphone.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)

Step 1 — Battery



- Slide your fingernail into the slit at the bottom of the phone to remove the back cover.

Step 2



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

Step 3 — Rear Case



- Remove six 5 mm Phillips #0 screws from the back of the phone.

Step 4



- Insert a plastic opening tool into the seam between the back case and the rest of the phone.
- Working along the seam, pry the back from the phone.

Step 5 — Motherboard



- Remove the two remaining 3.75 mm Phillips screws.

Step 6



- Firmly grip the black lever with tweezers
- Use the tweezers to flip the black lever up so that it is perpendicular to the motherboard.

Step 7



- Carefully use the tweezers to slide the black ZIF cable out of the socket.

Step 8



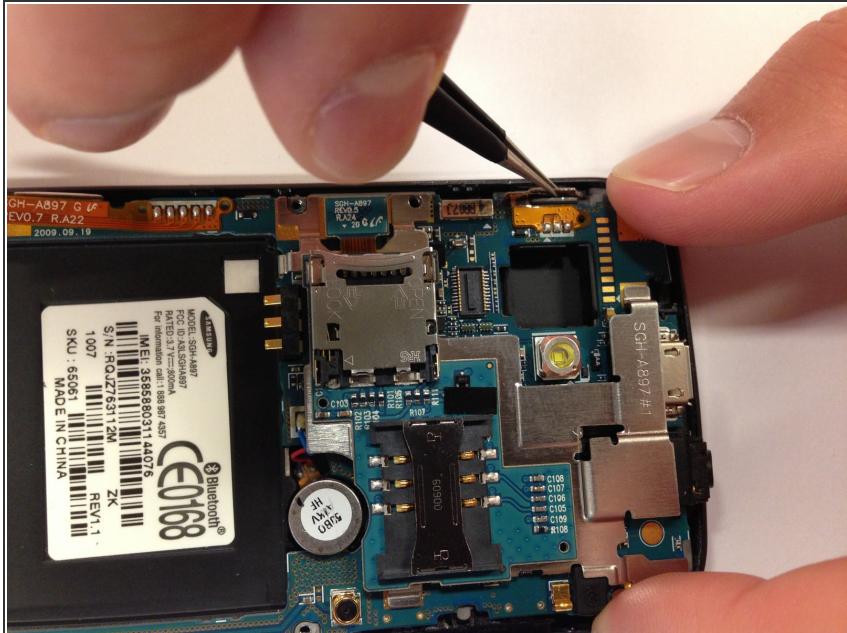
- Use the tweezers to unclip the black connector as shown.

Step 9



- Use the tweezers to unclip the orange flexible circuit board from the side of the phone.

Step 10



- Use the tweezers to unclip the other orange, smaller flexible circuit board.

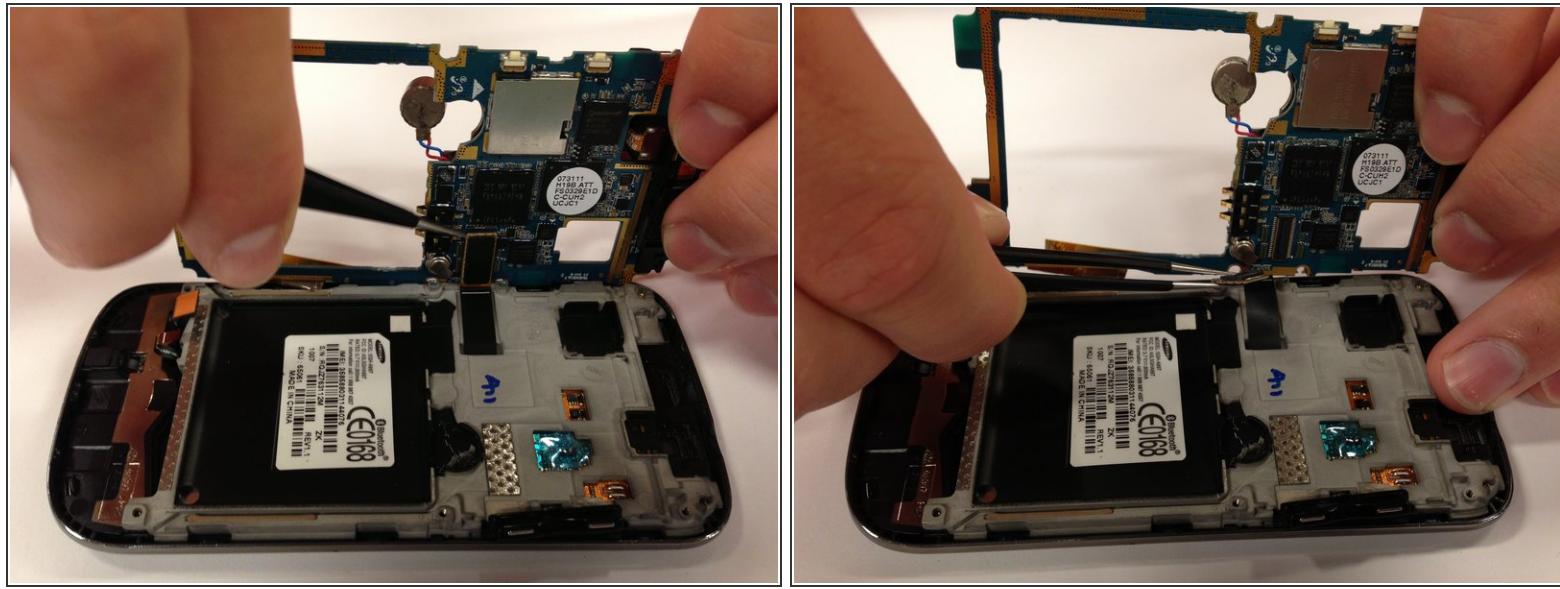
⚠ Work carefully. This is a very delicate part of the phone that can easily be broken.

Step 11



- Slide one side of the tweezers underneath the red and blue wires of the capacitor.
- Carefully apply pressure away from the phone to lift.

Step 12



- Carefully tilt the motherboard up from the back of the phone.
- ⚠ Don't remove the motherboard completely. There is one more clip on the backside of the motherboard that needs to be removed.
- Use tweezers to unclip the black connector.

Step 13 — LCD



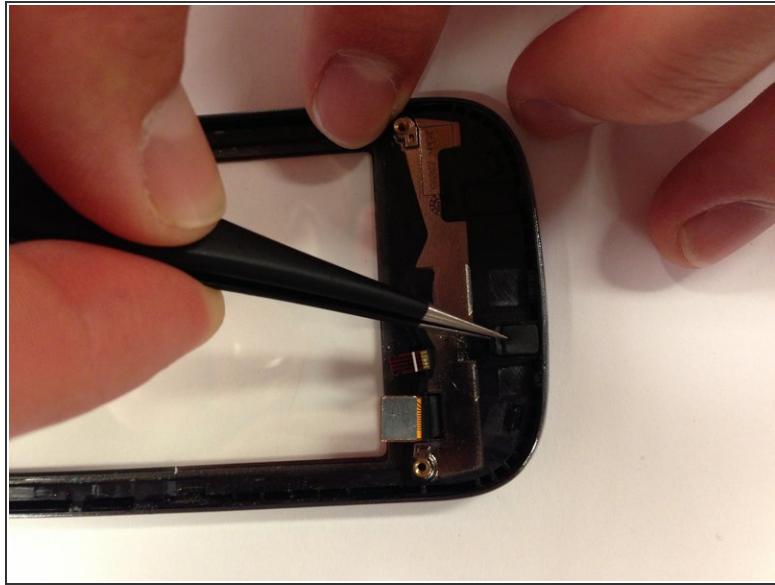
- Hold the phone by the black plastic at the ends and slightly bend them down so that the middle of the phone is the highest point. Apply pressure slowly until the until the grey portion pops off.

Step 14



- Insert the tweezers into the hole as shown so that they are wedged between the LCD and grey plastic.
- Slide the tweezers underneath the LCD, around the three silver edges, until the entire display is lifted from 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.