



Samsung Mythic SGH-a897 Motherboard Replacement

This guide will instruct you on how to replace...

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INTRODUCTION

This guide will instruct you on how to replace the motherboard of the Samsung Mythic SGH-a897. To successfully remove the motherboard tweezers will be used to remove cables, ribbons flip levers, and remove components.

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 — Camera



- Carefully remove the camera by using the iFixit Tool to pry the camera cable from the motherboard.
- Carefully remove the camera from the phone's motherboard.

Step 6 — Motherboard



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

Step 7



- 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 8



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

Step 9



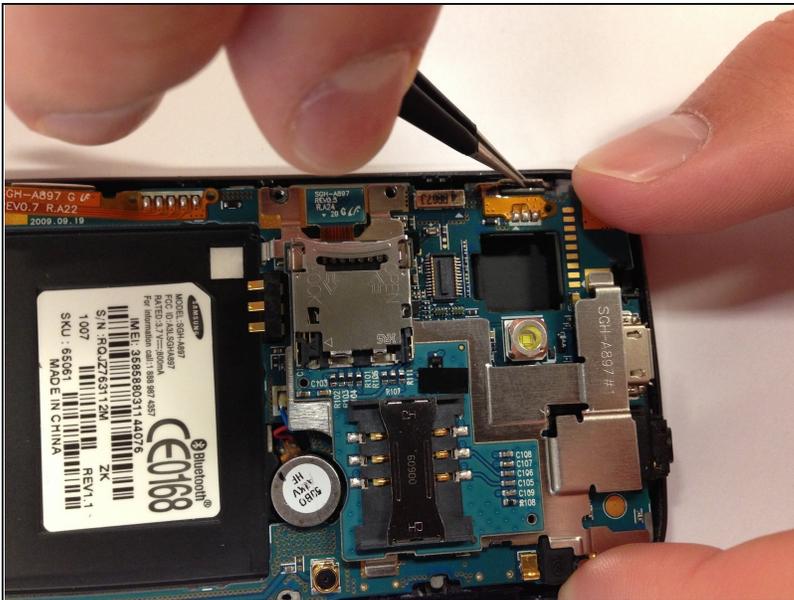
- On the right from the lever, use the tweezers to unclip the black connector.

Step 10



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

Step 11



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

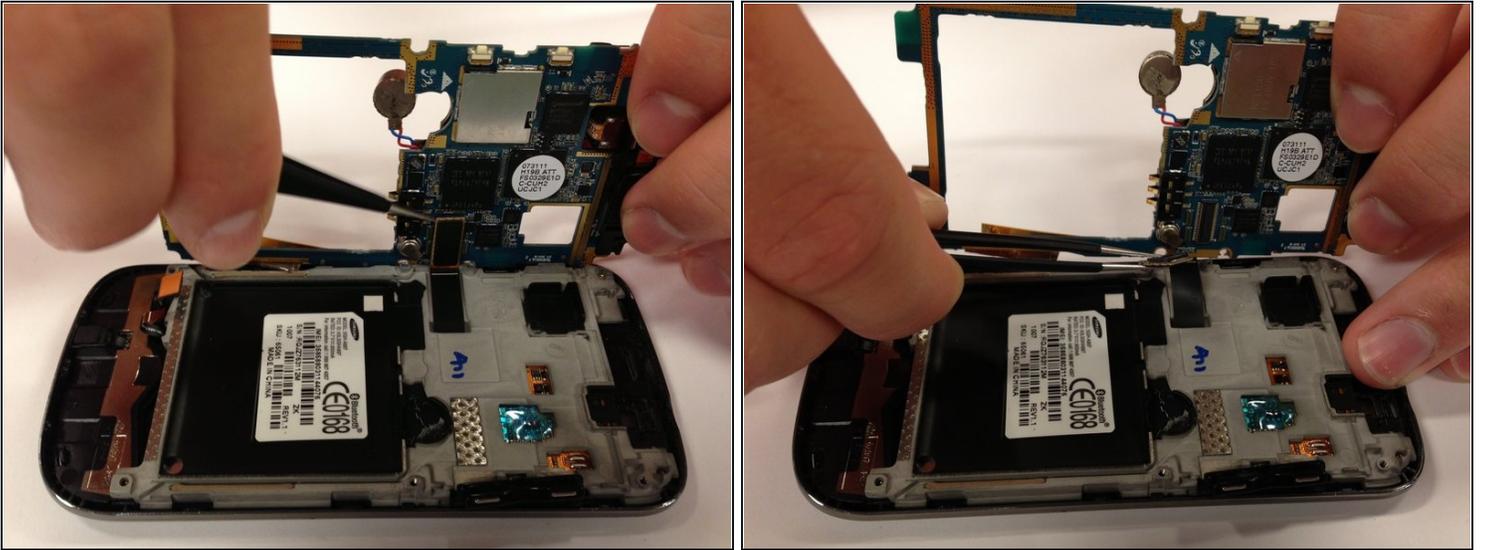
⚠ Work carefully, as this is a very delicate part of the phone's motherboard that can easily be broken.

Step 12



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

Step 13



⚠ 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.

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