



Samsung Eternity Microphone Replacement

This guide will show step-by-step instructions on how to disassemble the phone and allow you to remove the microphone and replace it with a new one.

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INTRODUCTION

You will need to find a clean area to work in and have the necessary tools. Follow this guide to gain access to your cellphone's microphone module.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)

Step 1 — Back Case



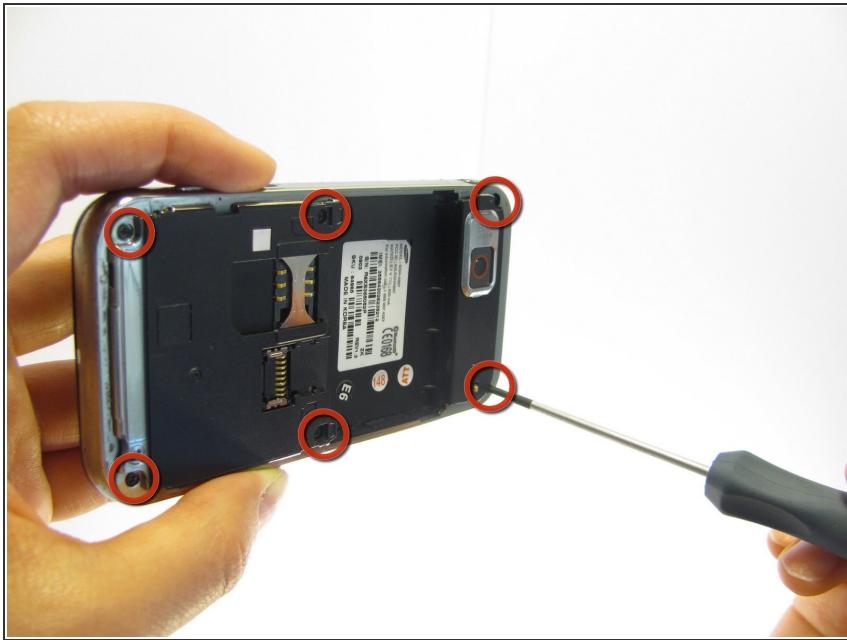
- Remove the back battery cover.

Step 2



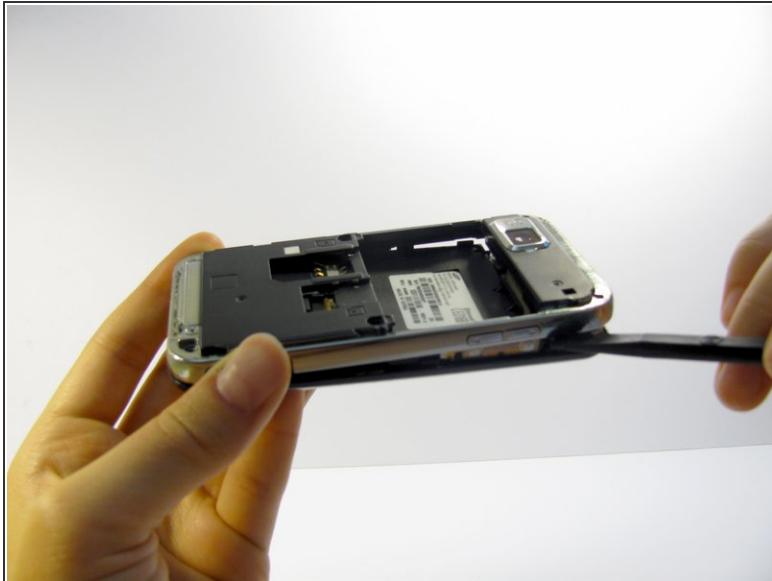
- Remove the phone's battery.

Step 3



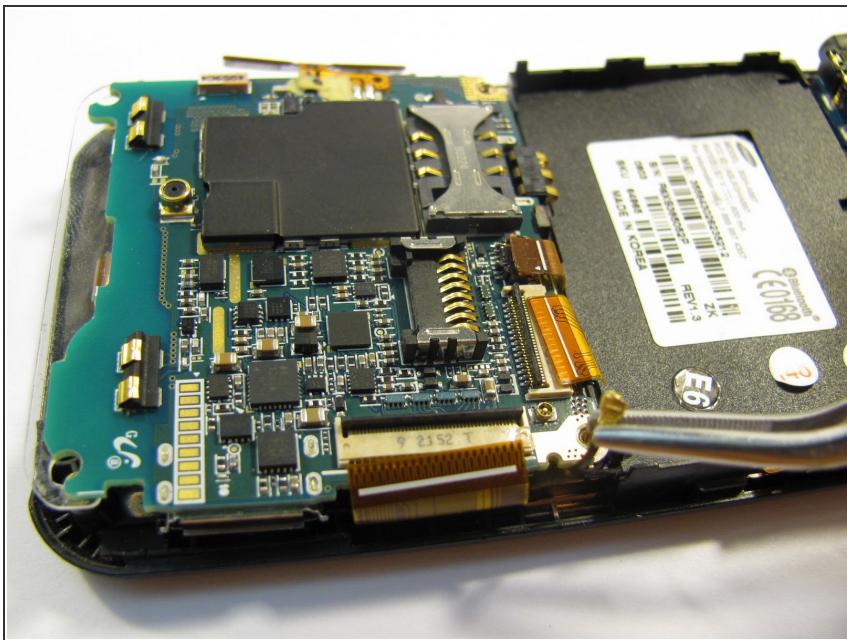
- Remove six (4.28 x 1.25)mm screws.

Step 4



- Use the spudger to gently pry the silver plastic back plate from the body of the phone.

Step 5 — Motherboard



⚠ It is very easy to rip motherboard cables and damage fragile motherboard clips. Be careful when you are removing every component.

- Pull the antenna plug out of its socket.

Step 6



- Pop the two black hinged-release levers toward their ribbons, then slide the ribbons out.

Step 7



- Pop the red hinged-release lever away from its ribbon. Then pull it out.

Step 8



- Peel the button sensor on the side of the motherboard off of the case.

Step 9



- Slightly pull up one side of the motherboard.
- Pull the button/microphone plug out of its socket.
- Pop the red hinged-release lever away from its ribbon, then slide the ribbon out.

Step 10



- You have successfully removed the motherboard from the phone.

Step 11 — Digitizer and Screen



- Flip phone over so you are looking at the front screen of the phone. (The back is already taken off and parts removed)

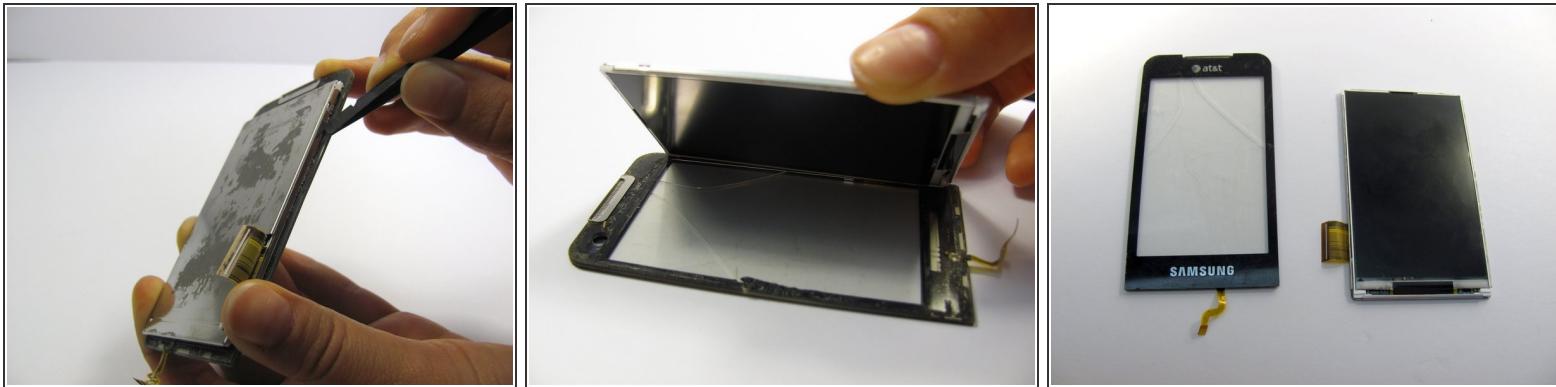
Step 12



- Use a small tool to pry the digitizer and screen (together) from the frame of the phone. This may take some time and careful work because it is glued down to the frame.

⚠ Be careful when you pull the lower part of this piece away from the phone frame because there is a ribbon attached to the digitizer that you don't want to break. There is also a ribbon on the side of the screen to be aware of.

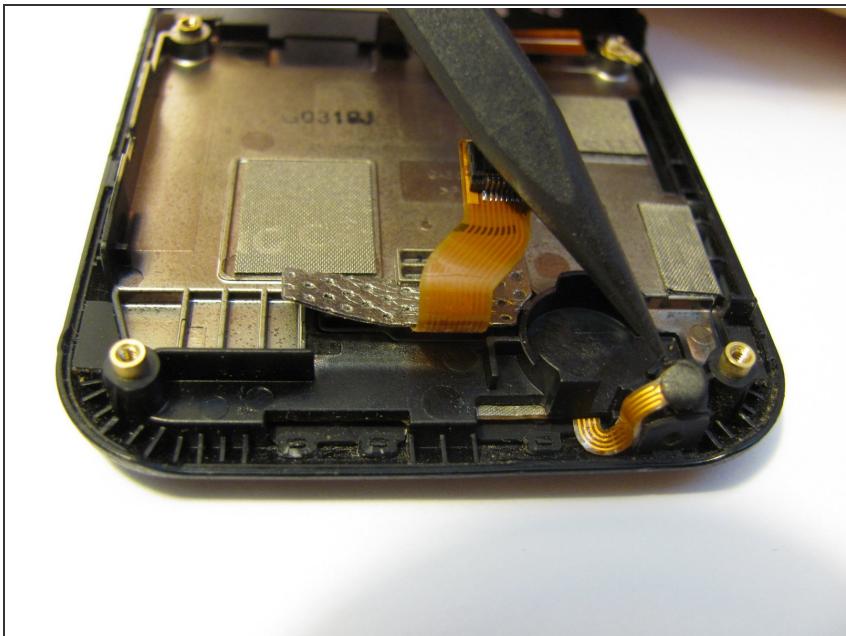
Step 13



- Next, carefully pull the digitizer away from the screen.
- At this point you can replace either the screen or the digitizer.

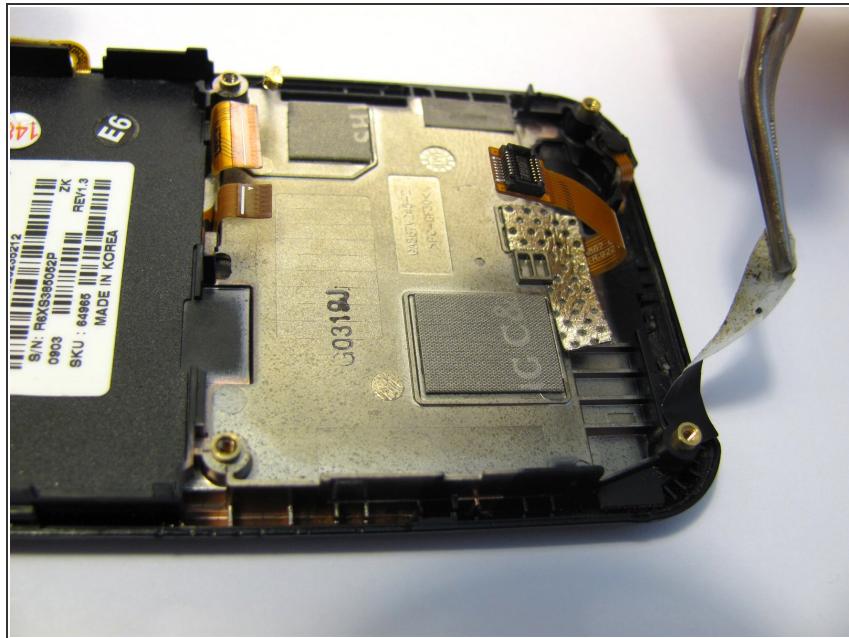
(i) Cleaning the screen with a glass cleaning cloth before reassembling will remove any smudges or fingerprints from disassembling the device.

Step 14 — Microphone



- Pop the microphone up and out of its small housing.

Step 15



- Peel up the black tape on the bottom of the back case.

Step 16



- Use the spudger to release the front buttons from the phones frame.

⚠ Don't try and pull the front buttons completely away from the phone. There are clips that still are holding them to the phone.

Step 17



- Use the spudger to remove three plastic lasso hooks that are holding the front buttons to the case.
- The front button plastic assembly should come right off.

Step 18



- Use tweezers to release the button logic board away from the phone's casing.

 Do not try and completely remove the component. There are logic ribbons that need to be guided through the phone's back casing.

Step 19



- You should be able to see two cables connected to the front button board.
- Carefully slide these two cables through their respective holes in the body of the camera.

Step 20



- The front button board should slide out. At this time you can replace the button/microphone component.

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