



# Samsung Galaxy Mega Display Assembly Replacement

Replacing the LCD digitizer on the Samsung Galaxy Mega 6.3.

Written By: lillarrypimp1993



# INTRODUCTION

This guide will demonstrate how to replace the LCD and digitizer on the Samsung Galaxy Mega 6.3 smartphone.



## TOOLS:

- [Phillips #000 Screwdriver](#) (1)
- [Heat Gun](#) (1)
- [iFixit Opening Tools](#) (1)
- [iFixit Opening Picks set of 6](#) (1)



## PARTS:

- [Samsung Galaxy Mega LCD and Digitizer](#) (1)

## Step 1 — Remove Rear Cover



- Use the opening tool or a fingernail to pry open the rear cover at the top left corner.
- ⓘ Once the rear cover is removed, you'll have access to the SIM card, the SD card, and screws.

## Step 2 — SIM, SD, Screw and Battery Removal



- After removing the back cover, remove the battery, the SIM card, and SD card (if present).
- Remove the highlighted PH000 screws from the rear of the phone.
- ⚠ Ensure the phone has been powered down via the OS (if possible) before removing the battery.

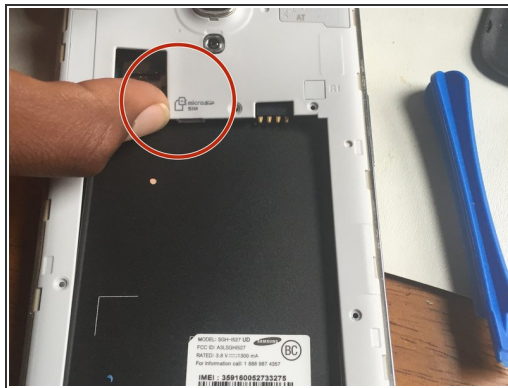


## Step 3 — Speaker Removal



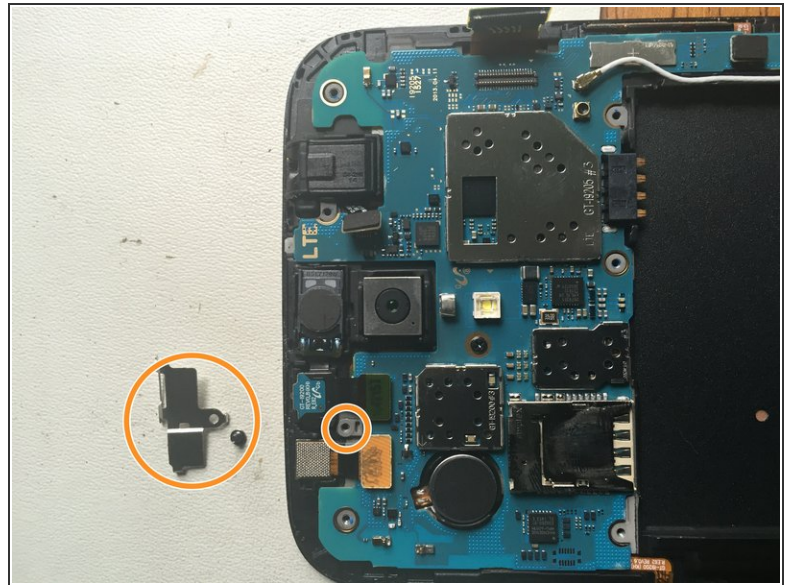
- Using the opening tool, gently pry the speaker upwards and remove it.
- ⚠ The speaker is fragile; take caution when removing it to prevent damage.

## Step 4 — Removal of Back Frame



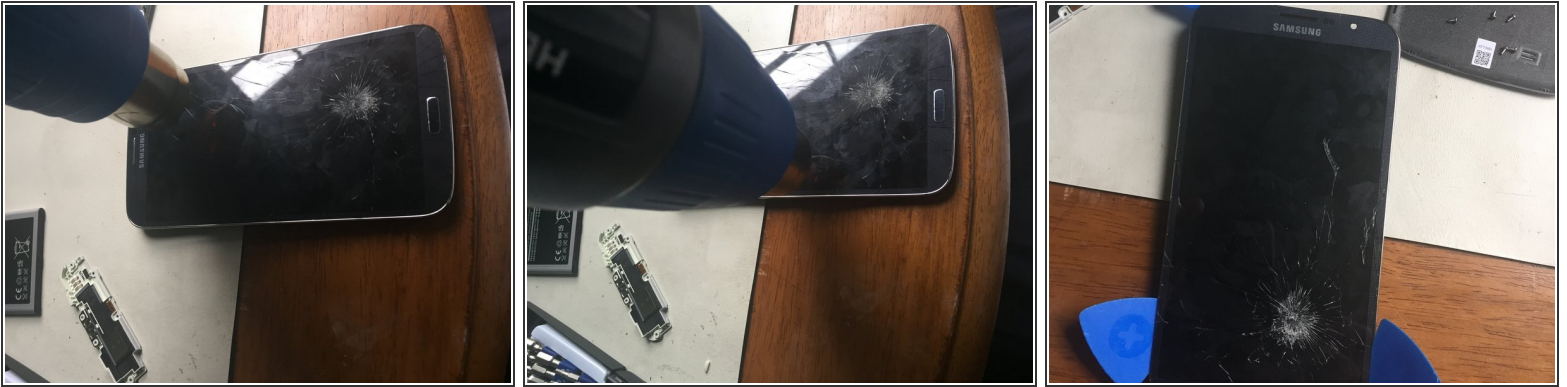
- Insert the pry tool along the side of the device. Pry gently until you hear clicks.
- Repeat along all sides of the phone. You will continue hearing a clicking sound as the frame begins to release.
- Gently pull the battery clip up (shown in photo 2). Then, twist the frame slightly clockwise, as there is a little clip around the camera that needs to be released.

## Step 5 — Removing Ribbons



- Use the opening tool to remove the LCD cable.
- ⓘ Once the back frame has been removed, the motherboard and connectors will be exposed.
- Remove the front camera by unscrewing the panel.
- Disconnect the front camera cable.

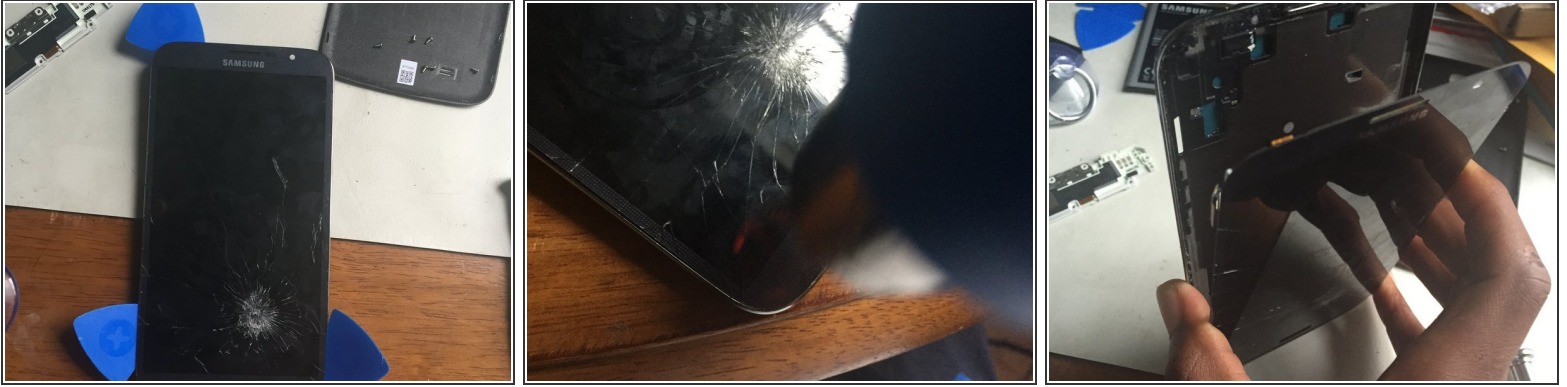
## Step 6 — Adding some heat




- Use the heat gun to heat around the edges of the screen.
  - Insert three opening picks between the glass and the silver frame of the phone to pry it open.
- ⚠ Do not insert a pick at the bottom of the screen. The back button and the menu button break easily.



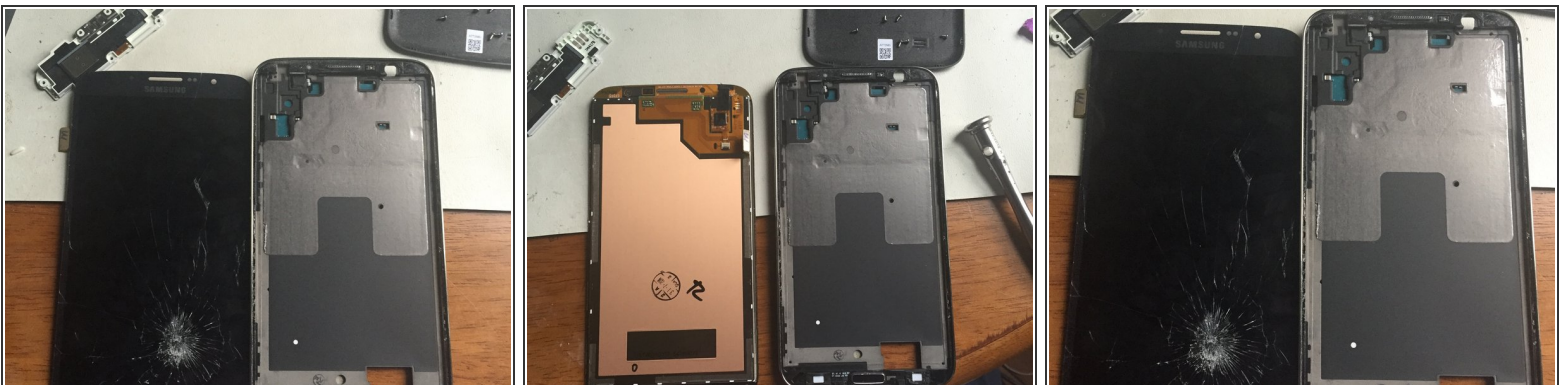
## Step 7 — Removing screen



- With the opening picks still inside the phone, lift the screen up toward you. Do not pull it off right away, but leave the screen at an angle.
- Put the screen down along with the opening picks in order to keep it loose. Heat up the bottom to loosen the adhesive from the back and the menu button.
- Carefully pull the screen towards you. Keep an eye on the bottom to make sure that the buttons are separating from the adhesive.

 Be very careful when removing the button flex cables from the screen. If these cables are broken, you will need to replace the charging port assembly.

## Step 8 — Final step screen is off



 Verify that the buttons are completely separated from the adhesive.

- Separate the screen from the bezel.

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