



# Samsung Galaxy Mega Display Assembly Replacement

Replacing the LCD digitizer on the Samsung Galaxy 6.3.

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## 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.

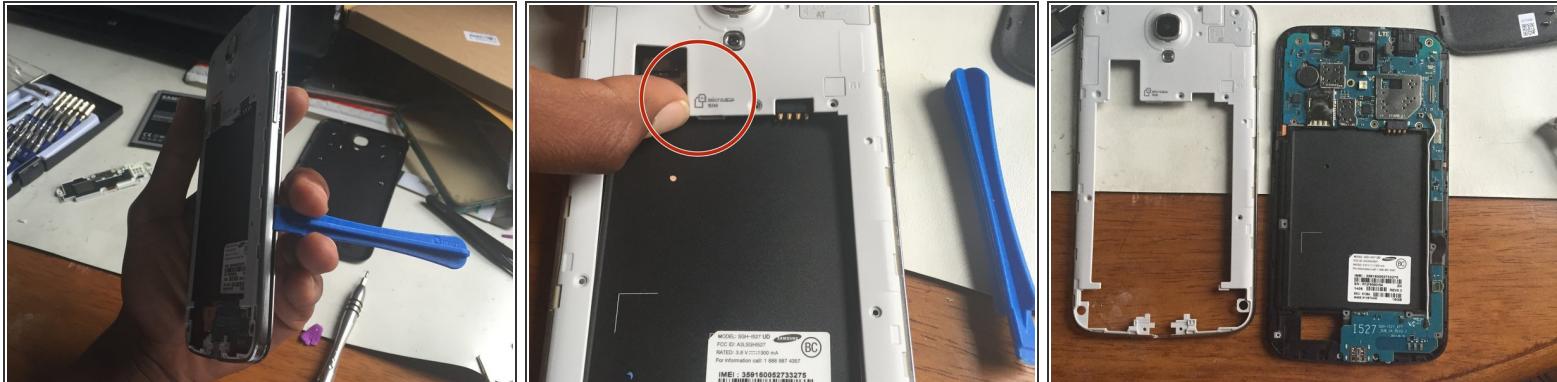
## Step 3 — Speaker Removal



- Using the opening tool, gently pry the speaker upwards and remove it.

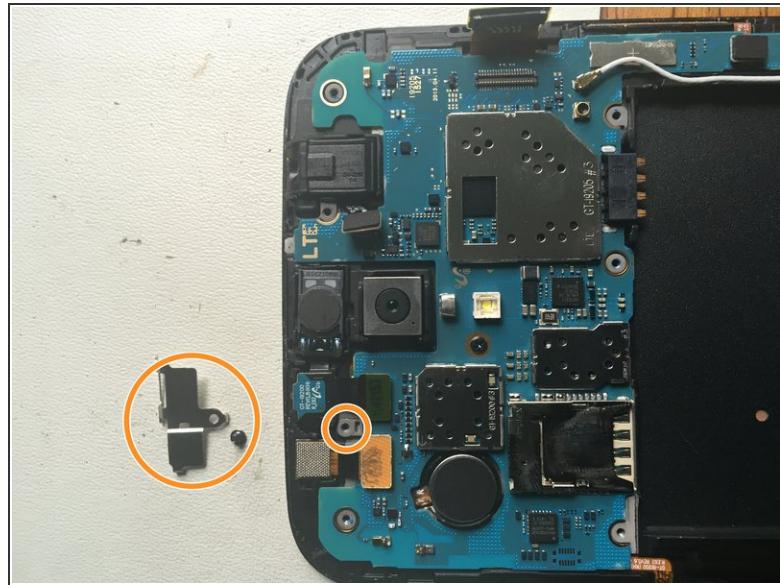
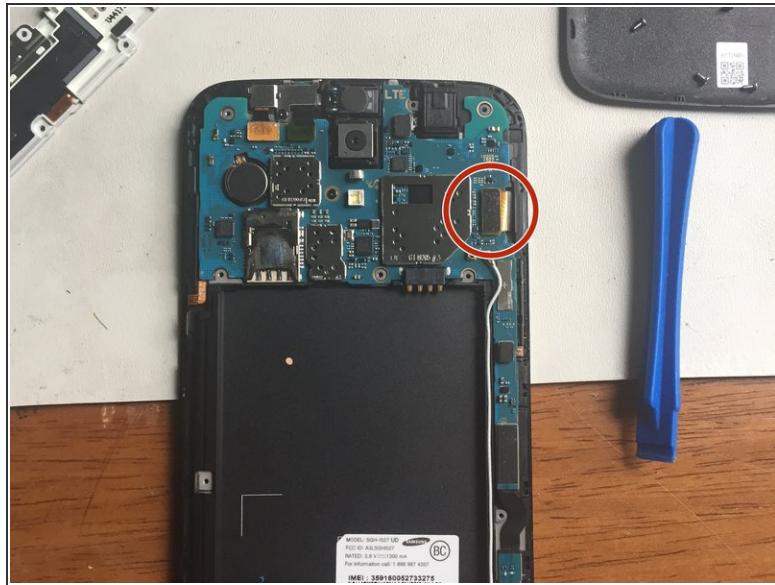
**⚠** The speaker is fragile; take caution when removing it to prevent damage.

## Step 4 — Removal of Back Frame



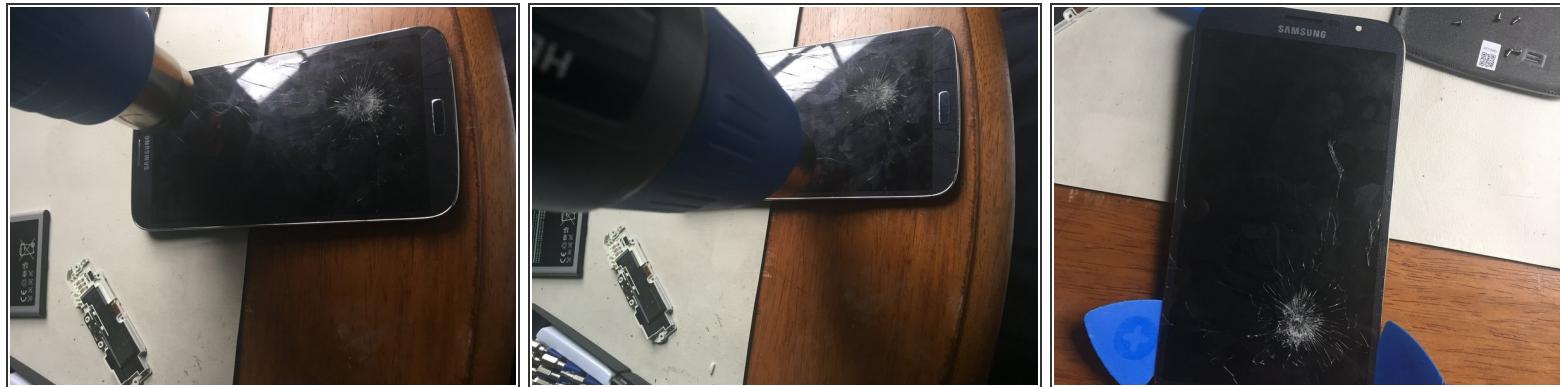
- Insert the pry tool along the side of the device. Pry gently until you hear clicks.
- Repeat along all sides of the phone. You will continue hearing a clicking sound as the frame begins to release.
- Gently pull the battery clip up (shown in photo 2). Then, twist the frame slightly clockwise, as there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

## Step 5 — Removing Ribbons



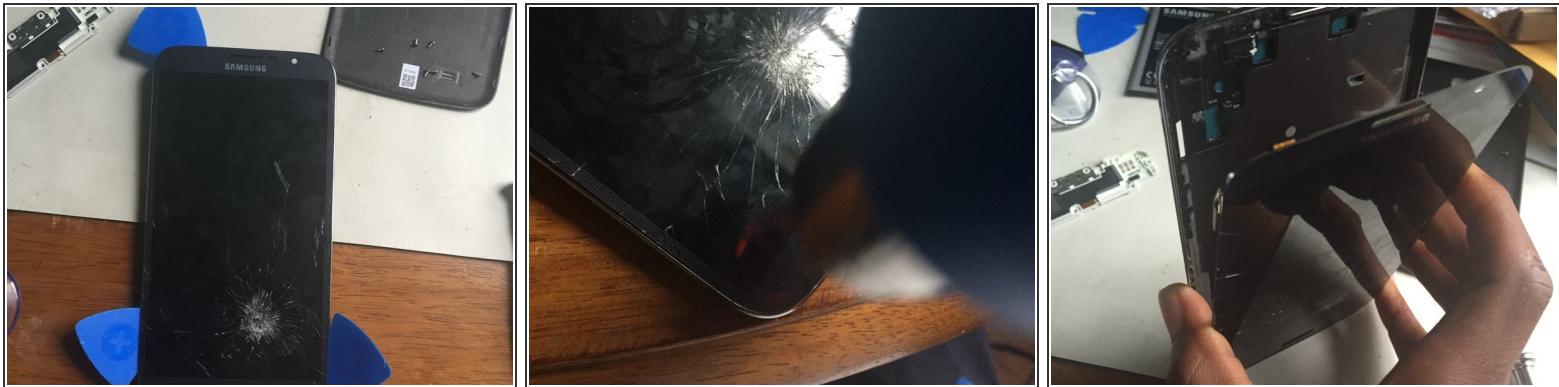
- Use the opening tool to remove the LCD cable.
- Once the back frame has been removed, the motherboard and connectors will be exposed.
- Remove the front camera by unscrewing the panel.
- Disconnect the front camera cable.

## 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.

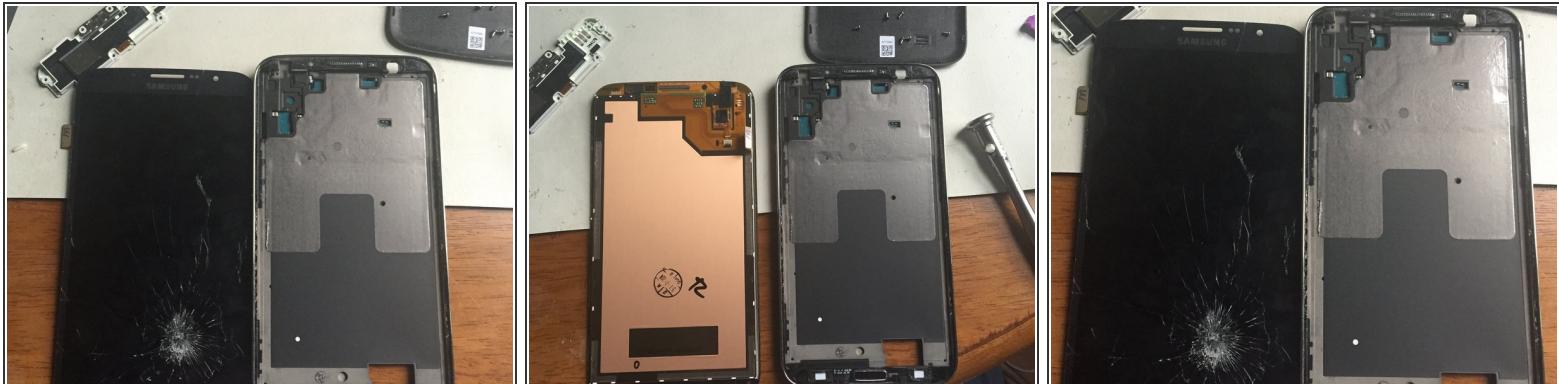
## Step 7 — Removing screen



- 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



i 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.