



# Samsung Galaxy SIII Mini Display Assembly Replacement

Samsung Galaxy SIII / S3 Mini / i8190 Display Assembly Replacement

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## INTRODUCTION

If the touch screen / digitizer / glass or the LCD display is broken, this manual will show you, how to disassemble the phone and replace the Display Assembly without frame.

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### Video tutorial

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[video: [https://youtu.be/tEMp\\_IOPMco](https://youtu.be/tEMp_IOPMco)]

#### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Spudger](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)
- [Tesa 61395 Tape](#) (1)
- [iFixit Opening Picks set of 6](#) (1)

#### PARTS:

- [i8190 display assembly](#) (1)

## Step 1 — Display Assembly



- LCD Display + Touch screen (Display Assembly) for Samsung Galaxy S III mini / i8190.
- Switch off the phone, remove the battery and any SIM and memory card.

## Step 2



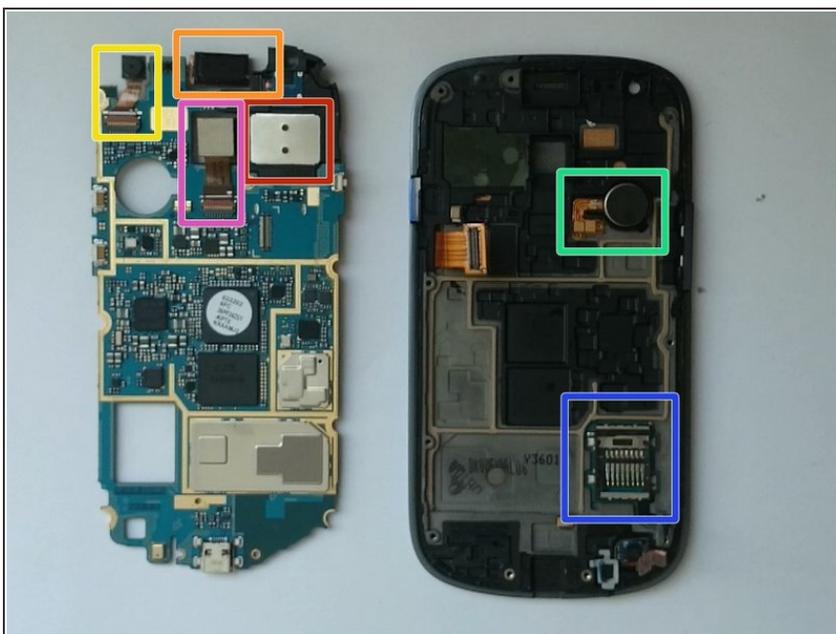
- Remove 10x Phillips screws.
- With a plastic tool remove the Middle frame.

### Step 3



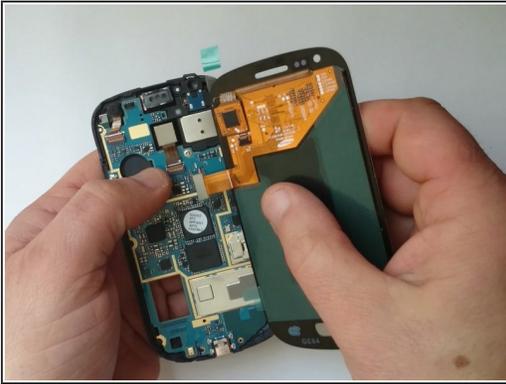
- Disconnect:
  - Menu buttons flex cable
  - Micro SD Card reader flex cable
- Lift up slightly the mother board from the right edge.
- ⚠ Unstick the Earpiece and Main camera from the display frame. Be careful, don't break flex cables.
- Now disconnect the LCD Display flex cable which is located on the underside of the board.

### Step 4



- Front camera
- Main / Rear camera
- Earpiece
- Loudspeaker
- Vibro motor
- Micro SD Card reader

## Step 5



- Let's test the new spare part.

⚠ First connect the Display assembly, grab the phone comfortably and then put the battery.

## Step 6



- Warm the touchscreen to make adhesive tape soft. You can use a hair dryer.
- ⓘ If the glass is cracked, put the tape in order not to scatter pieces.
- Use the front camera hole to separate the glass at the corner.
- Continue with separation with plastic tools, from up to down.

## Step 7



 Gently separate the menu buttons flex cable from the touchscreen.

## Step 8



- If the display is left on the frame, use the same techniques to remove it.

## Step 9



- Clean the frame from the remnants of tape and install new.

 Be careful with the menu buttons and the holes for the camera and the light sensor, don't cover them.

## Step 10



 Will be easier if you use adhesive, ready for the model.

- Install the new display assembly and start with reassembling.

## Step 11



- That's all.
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- **Did you do it successfully?**

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