



Samsung Galaxy SIII Mini Display Assembly Replacement

Samsung Galaxy SIII / S3 Mini / i8190 Display Assembly Replacement

Written By: ZFix



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

[video: 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



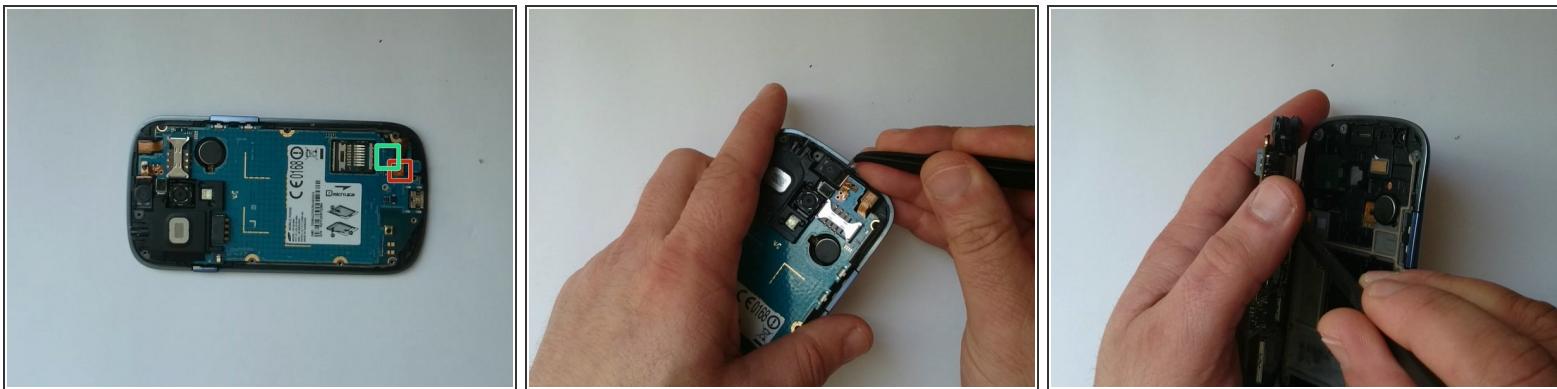
- LCD Display + Touch screen (Display Assemblay) for Samsung Galaxy S III mini / i8190.
- Switch off the phone, remove the battery and any SIM and memory card.

Step 2



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

Step 3

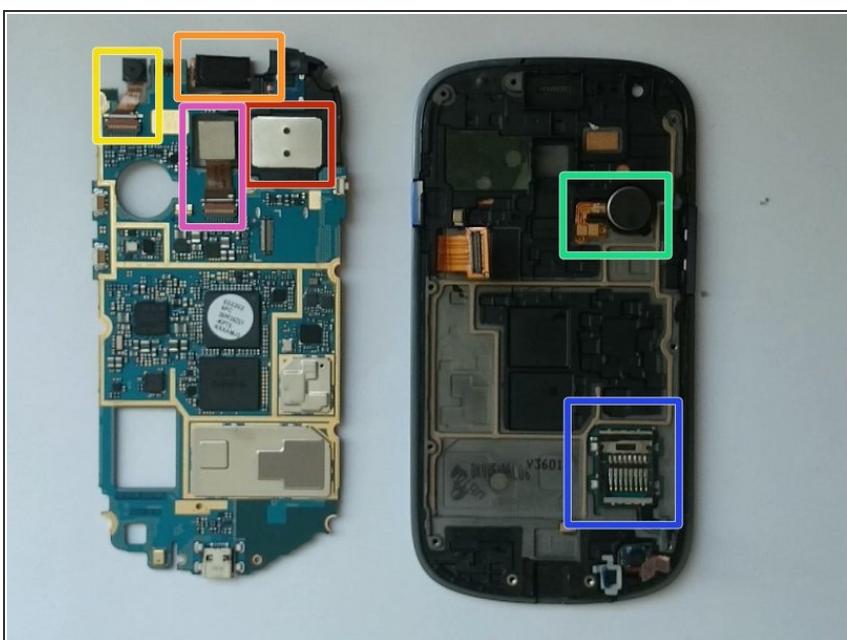


- Disconnect:
 - Menu buttons flex cable
 - Micro SD Card reader flex cable
- Lift up slightly the mother board from the right edge.

! 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

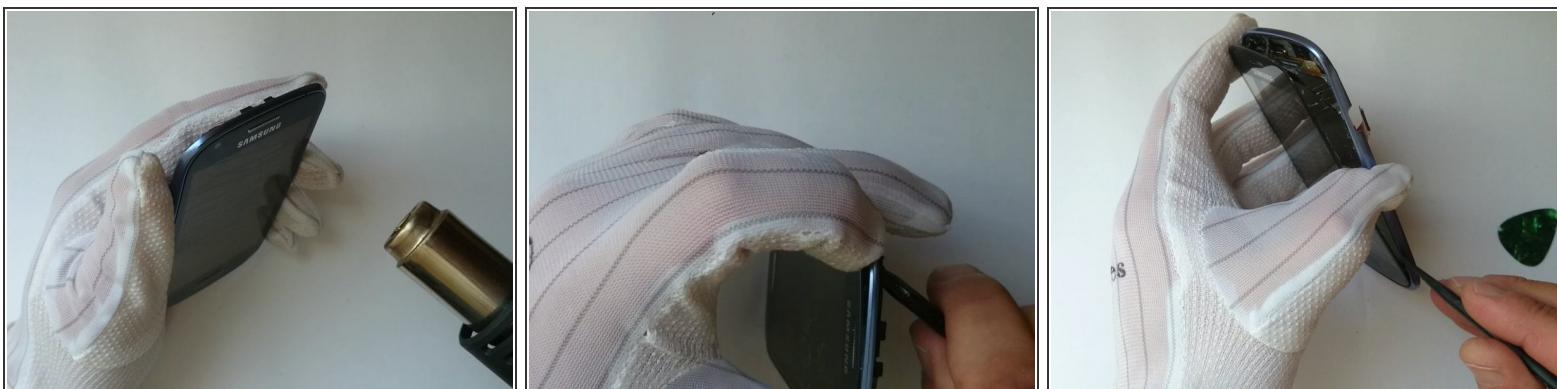
Step 5



- Let's test the new spare part.

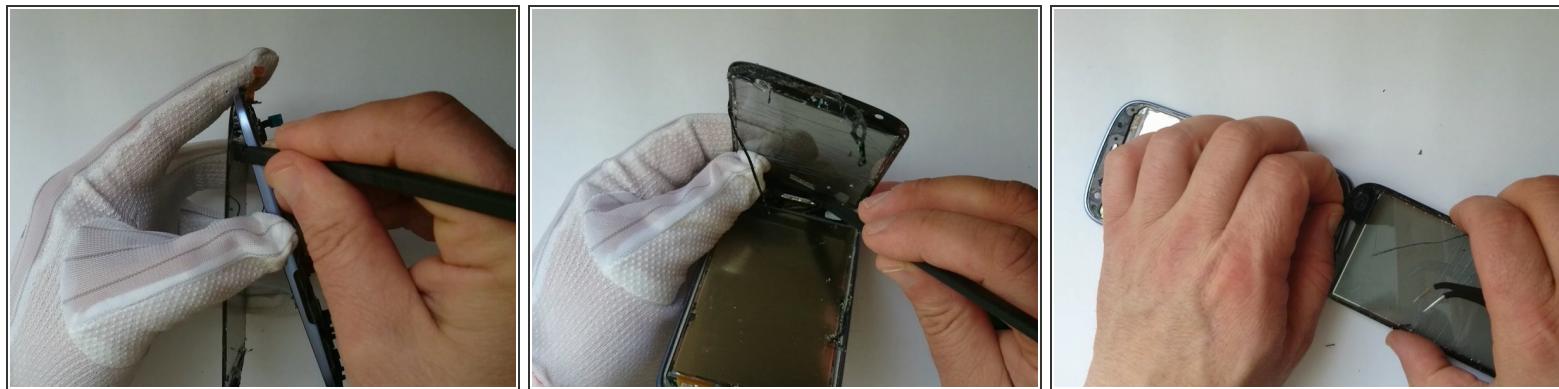
 First connect the Display assembly, grab the phone comfortably and then put the battery.

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



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