



Samsung Galaxy S Vibrant LCD Screen Replacement

A brief guide on how to replace your Samsung Galaxy S Vibrant's screen.

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INTRODUCTION

Drop your phone one too many times? Cracked screen? Replace it quickly and at a low cost by following this guide.

TOOLS:

- [Heat Gun](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [heat resistant gloves](#) (1)

PARTS:

- [Samsung Vibrant T959 LCD and Digitizer Assembly with Glass Lens](#) (1)

Step 1 — Battery



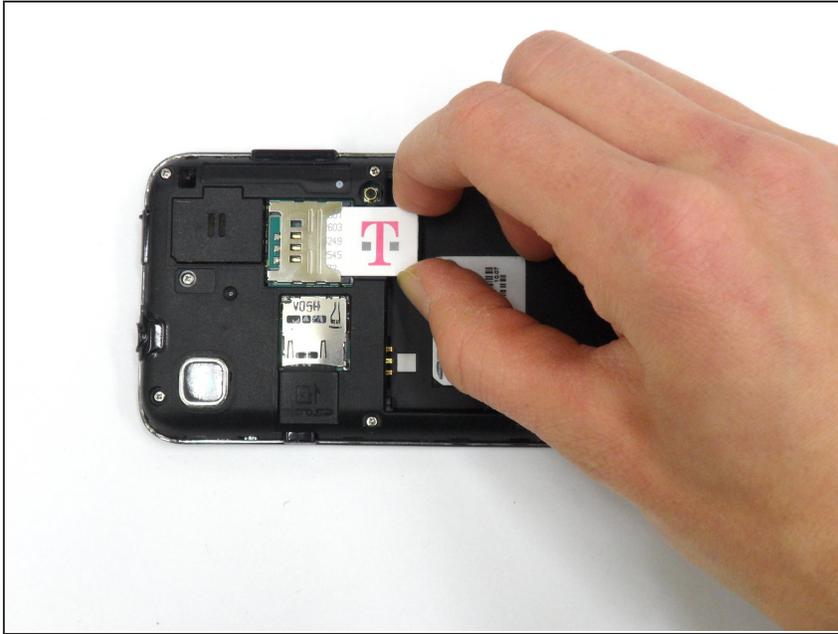
- Locate the small slit on the bottom edge of the device between the back and front cases.
- Pop the back case off by inserting your finger and pulling the case away from the phone.
- ⓘ If necessary (it shouldn't be), use the Plastic Opening Tools to pry the back case off.

Step 2



- Remove the battery by pushing the bottom edge of the battery up and away from the phone
- ⓘ If you would prefer, you may use the Plastic Opening Tools for this step as well.

Step 3 — Midframe



- Remove SIM card by pushing down and away from the slot, then pulling it out toward the bottom edge of the phone.

Step 4



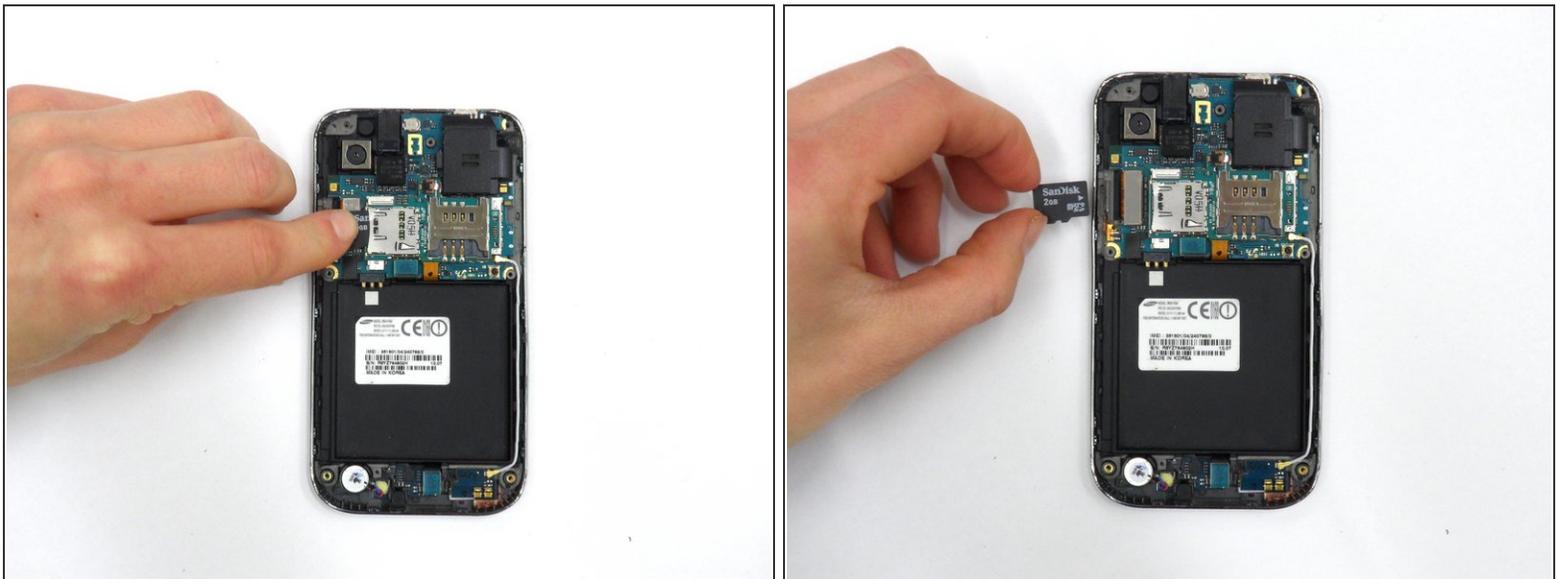
- Remove the seven 4.5 mm Phillips #00 screws along the perimeter of the phone.

Step 5



- Starting near the power button, use a plastic opening tool to disengage the plastic clips securing the midframe.
- ⚠ Work carefully, and disengage all of the clips before removing the midframe.
- ⓘ The power button and the volume control button on the sides of the phone will fall out when the midframe is removed.

Step 6



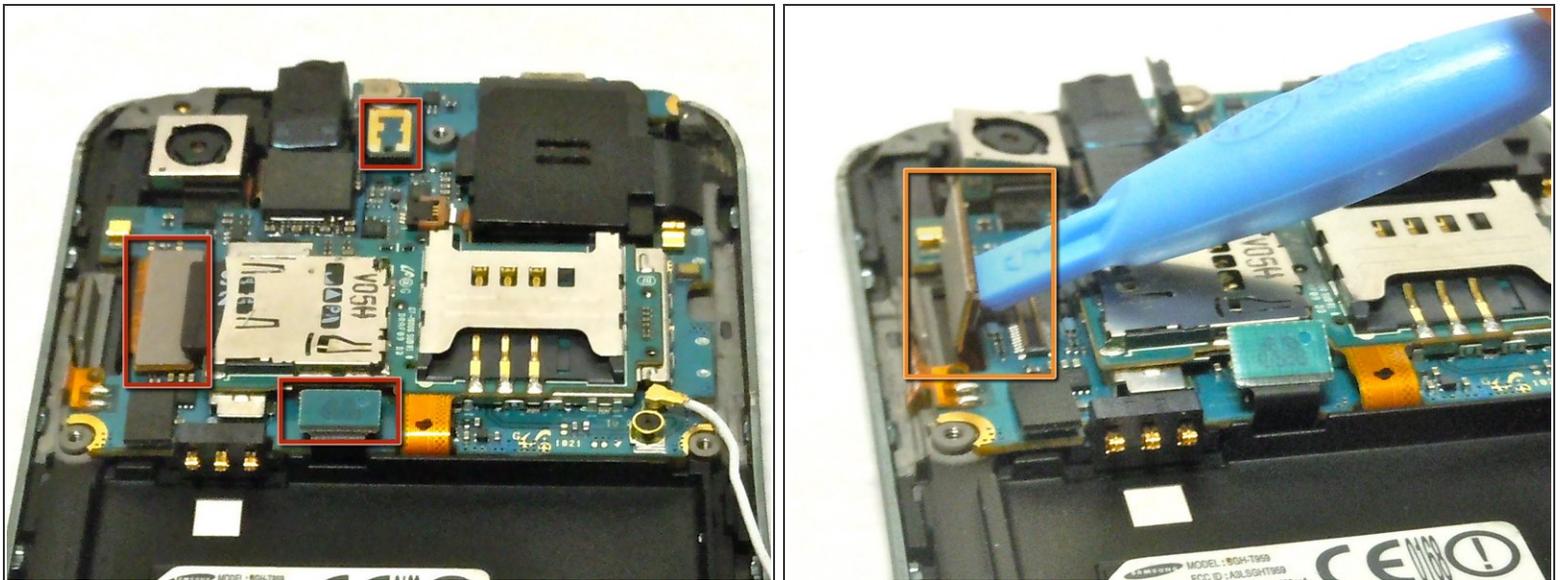
- Slide the SD card out of its slot.

Step 7 — Unhooking Antenna Cable



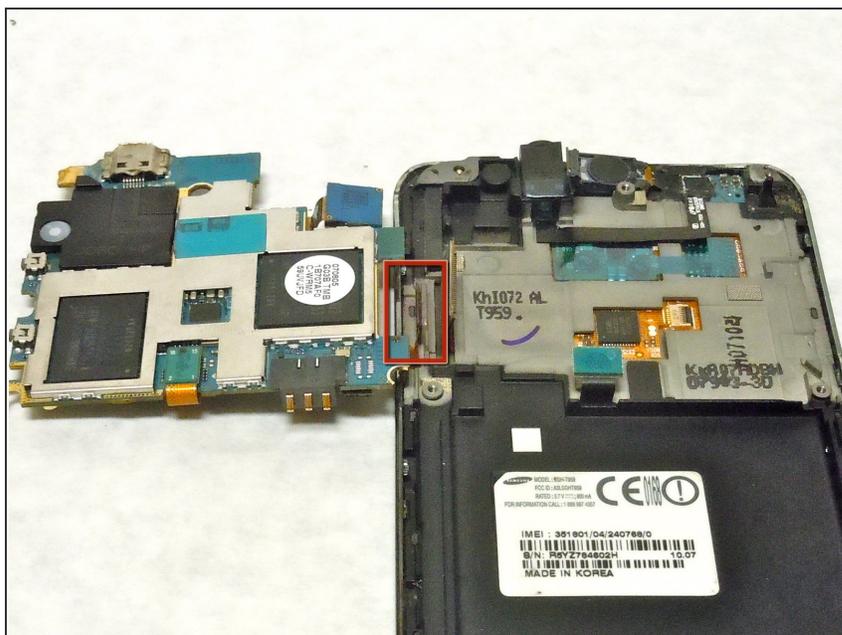
- Disconnect the antenna using [Tweezers](#). Do the lower end first, and then the upper.
- Do the lower end first, and then the upper.
- Pull the antenna cable out.

Step 8 — Headphone Jack/Ear Speaker



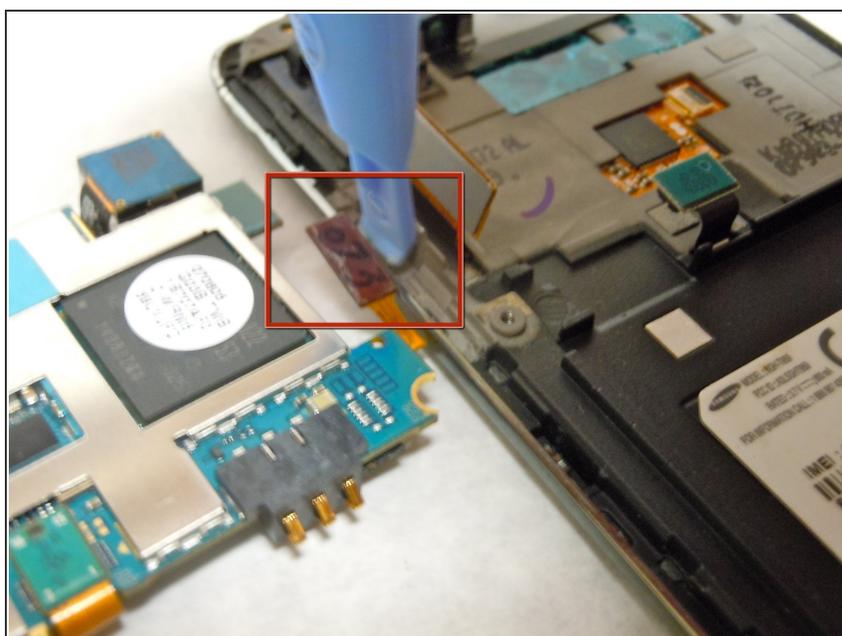
- Locate the three snap on ribbon cable connectors on the motherboard.
- Carefully disconnect the ribbon cable connectors using the Plastic Opening Tools.

Step 9



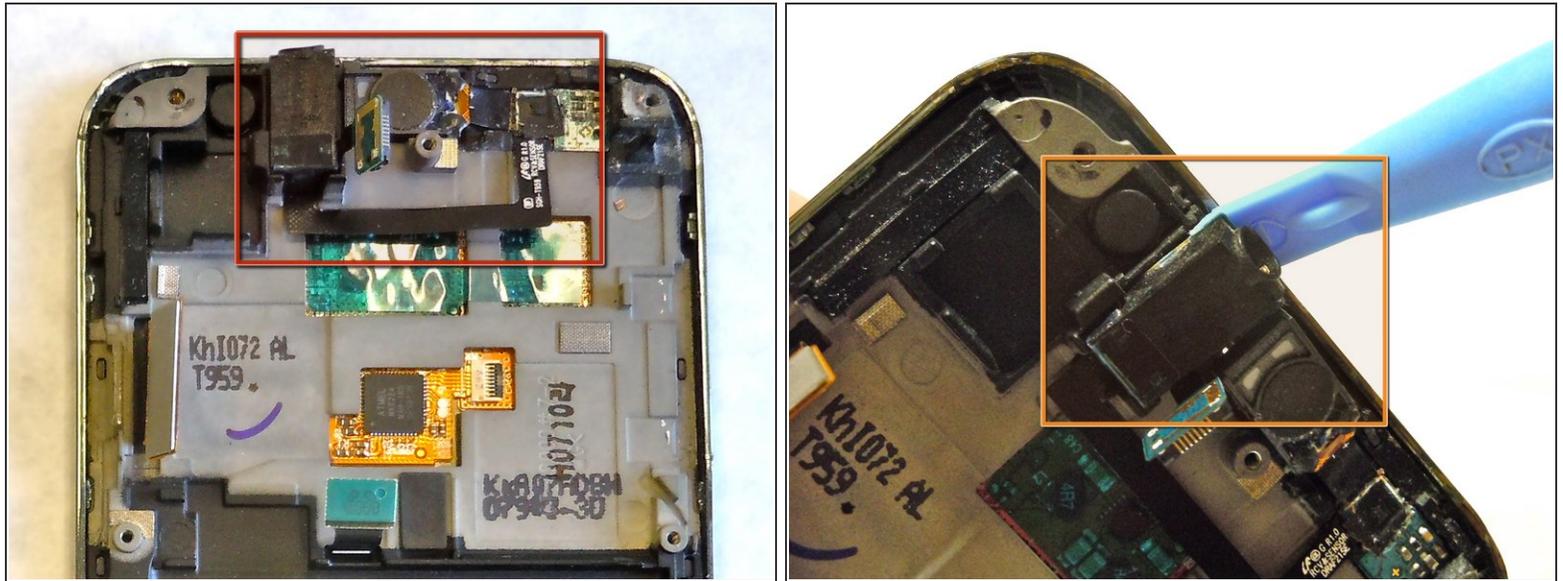
- With the three ribbon cable connectors detached, the motherboard can be folded over to the left.
- ⚠ Take care when moving the motherboard not to allow any of the ribbon cables to be pulled on.
- The motherboard will still be connected to the body of the phone by the power button's ribbon cable, which is glued in place.

Step 10



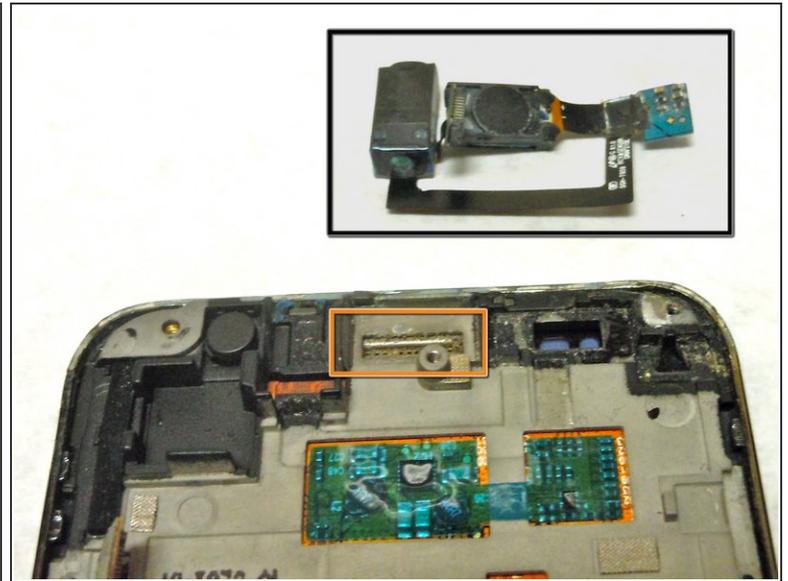
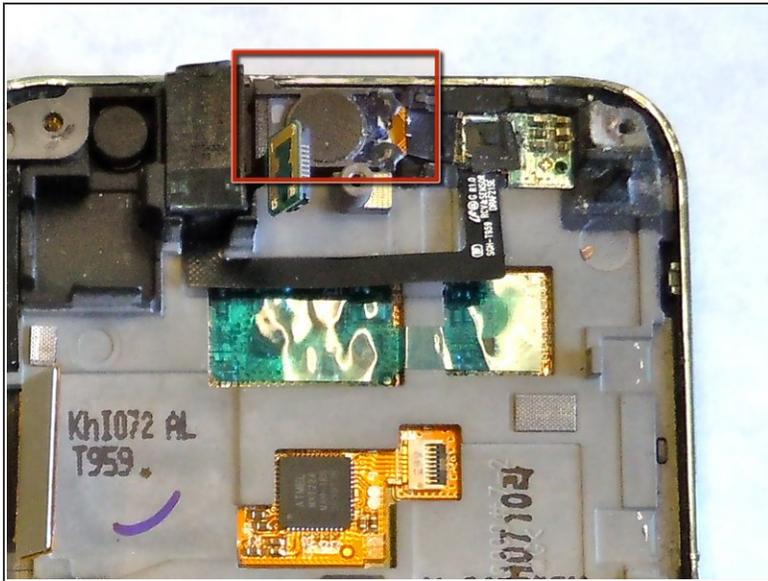
- Remove the power button ribbon cable from the body of the phone by using the Plastic Opening Tools.
- ⚠ Take care to not damage the button itself or its connecting ribbon cable when detaching the button.
- ⓘ The glue which holds the button in place will remain tacky allowing the button to be replaced without the need for additional glue.

Step 11



- With the motherboard removed, the Headset Jack and Ear Speaker are now accessible.
- Use the Plastic Opening Tools to gently pry up the Headphone Jack to remove it from the body of the phone.
- ⓘ The Headphone Jack is held in place with adhesive that will remain tacky after being removed, allowing it to be replaced without the need for additional glue.

Step 12



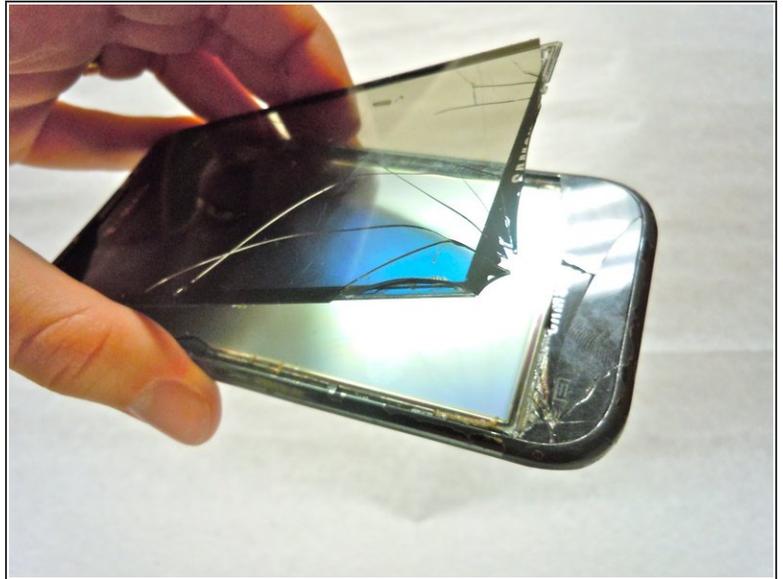
- Disconnect the Ear Speaker from the body of the phone by gently prying up the speaker using the Plastic Opening Tools.
- The connection holding the Ear Speaker in place is the same kind as the snap on ribbon cables that were disconnected in a previous step.
- With the Headphone Jack and Ear Speaker both disconnected from the body of the phone, they can be removed from the phone and set aside.

Step 13 — LCD Screen



- Use a heat gun or hairdryer to loosen the adhesive that secures the touch panel to the screen assembly.
- ⚠ Wear heat resistant gloves when removing the screen.

Step 14



- Use a plastic opening tool or guitar pick to carefully remove the touch panel from the screen assembly.
 - Start from the top edge and carefully wedge your tool between the screen and frame.
 - Carefully slide your tool along the framework.
- ⚠ If the screen is cracked, cover the face in masking tape to prevent broken glass from chipping off.
- ⓘ You may need to reheat the adhesive as you work around the edges.

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