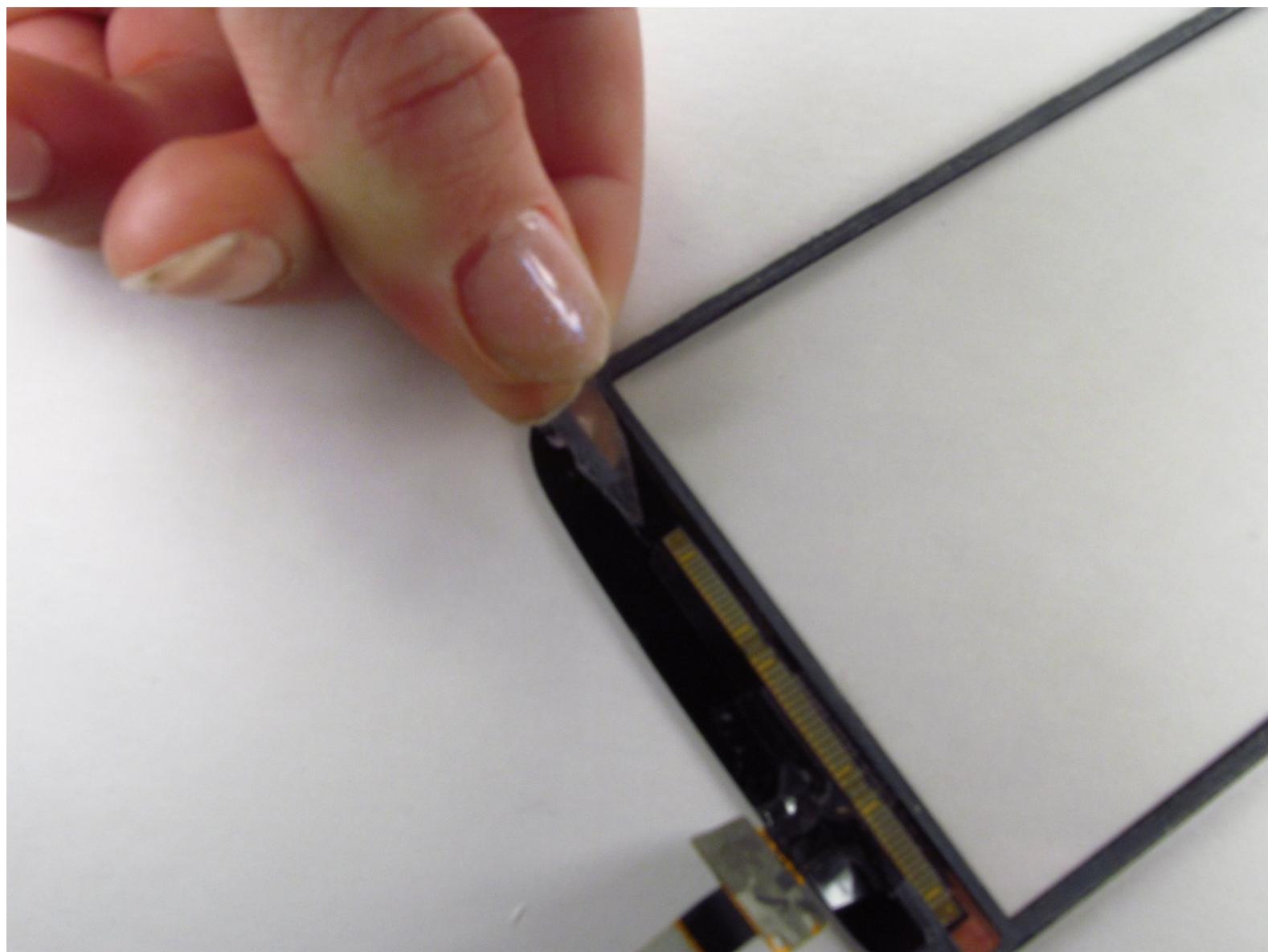




LG G2 mini LTE LCD Replacement

If the device doesn't seem to be turning on or displaying images, then it is possible that the LCD screen needs to be replaced. Use steps to replace the LCD screen.

Written By: Aung Myin Thu Mayet



 **TOOLS:**

- Spudger (1)
- Heat Gun (1)
- Phillips #2 Screwdriver (1)

 **PARTS:**

- Tesa 61395 Tape (1)
- LG G2 mini LCD and Digitizer Assembly (1)

Step 1 — Remove the Battery Cover



- Remove the back cover by placing your fingernail in the crease between the cover and the charging port.
- Pry upward and the cover should pop off easily

Step 2 — Remove the Battery



- Remove the battery from the battery bay by prying with your finger at the groove on the lower end of the battery bay.

Step 3 — Unscrew the Motherboard Cover



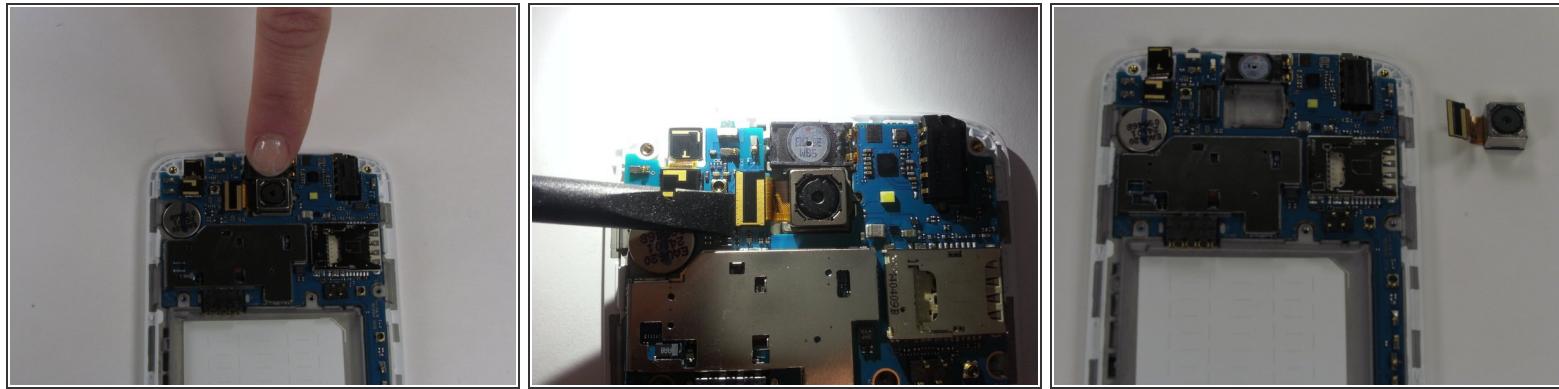
- Locate 10 screws and remove each one using a screw driver

Step 4 — Remove the Motherboard Cover



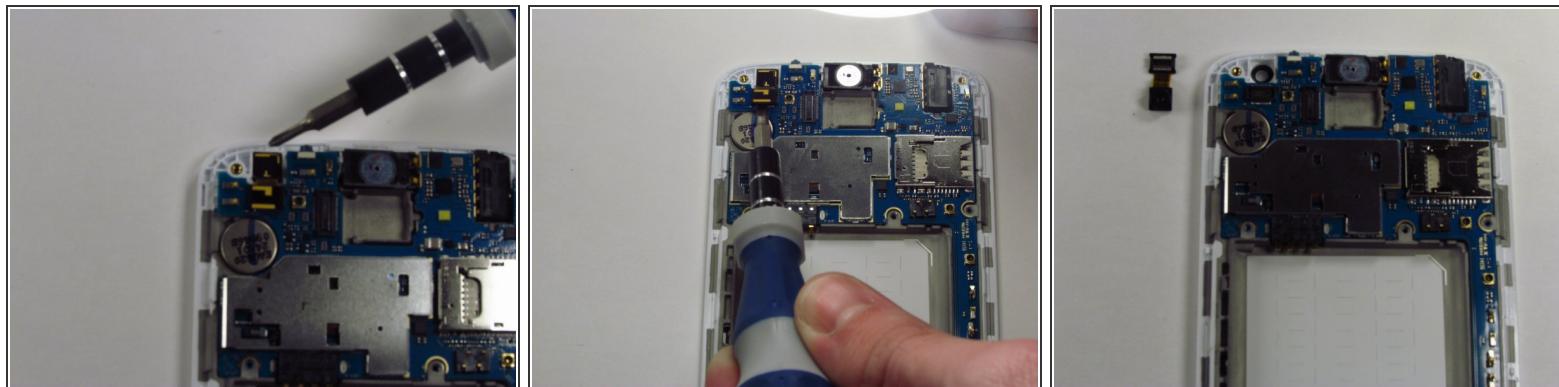
- Use a plastic opening tool to pry away the cover by placing it between the cover and the screen bezel.
- Pry all the way around the phone about every centimeter until the cover is completely separated from the phone.

Step 5 — Remove the Rear Facing Camera



- Locate the rear facing camera.
- Pry the ribbon cable off of it's connector using the plastic spudger tool.
- Use your finger to remove the camera.

Step 6 — Remove the Front Facing Camera



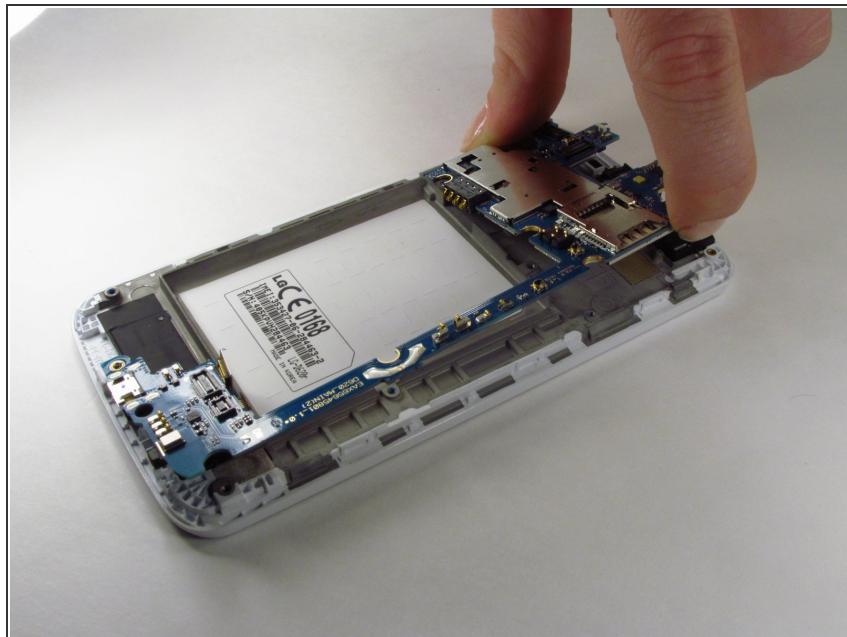
- Locate the front facing camera.
- Pry the ribbon cable off of it's connector using the plastic spudger tool.
- Use your finger to remove the camera.

Step 7 — Detach the Digitizer and LCD Ribbon Cables



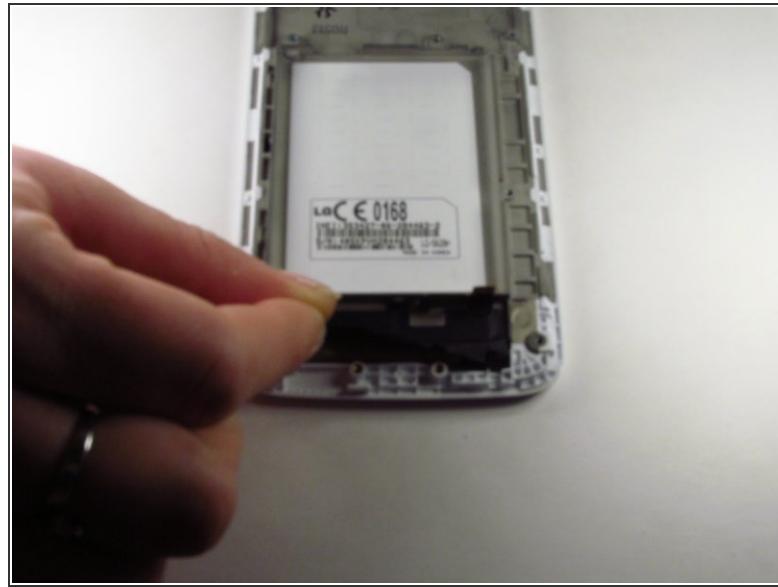
- Use the plastic spudger tool or a flat head screwdriver to pry the ribbon cables off of their connectors.

Step 8 — Remove the Motherboard



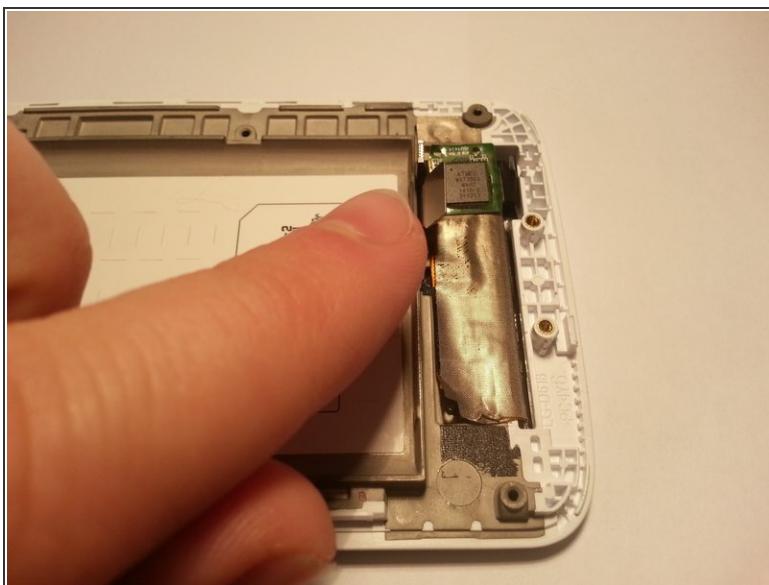
- Use your finger to lift the motherboard from the edge and remove it from the phone.

Step 9 — Remove the Cable Security Tape



- Pull from the tabs on the edges of the security tape.
- This piece is not absolutely necessary to replace when putting the phone back together, but it secures the cables against movement from day to day activities. If you have some electrical tape lying around, use it to secure the cables during the process of putting the phone back together.

Step 10 — Unstick the LCD Cable



- Peel the LCD cable off of the phone.

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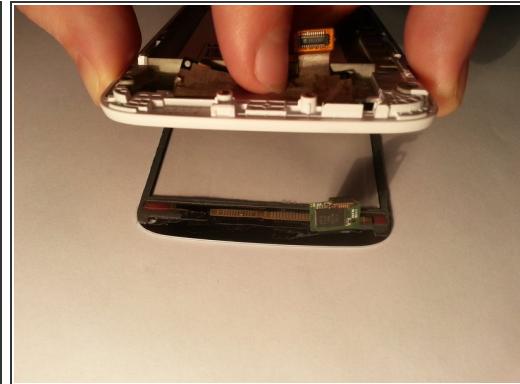
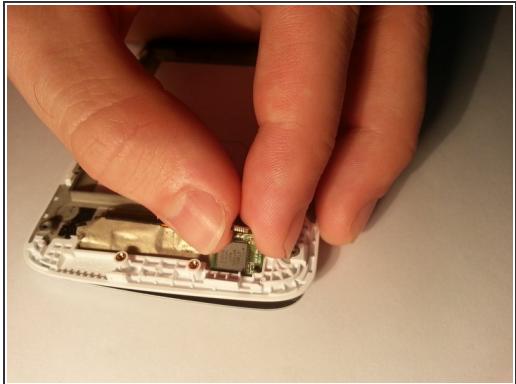
Step 11 — Unstick the Glass Screen



- Use a heat gun to heat the edges of the LCD screen and melt the adhesive that holds the glass on.
- Pry the edges of the glass away from the phone using a plastic spudger tool. Do this quickly before the glass cools down and starts to stick again.

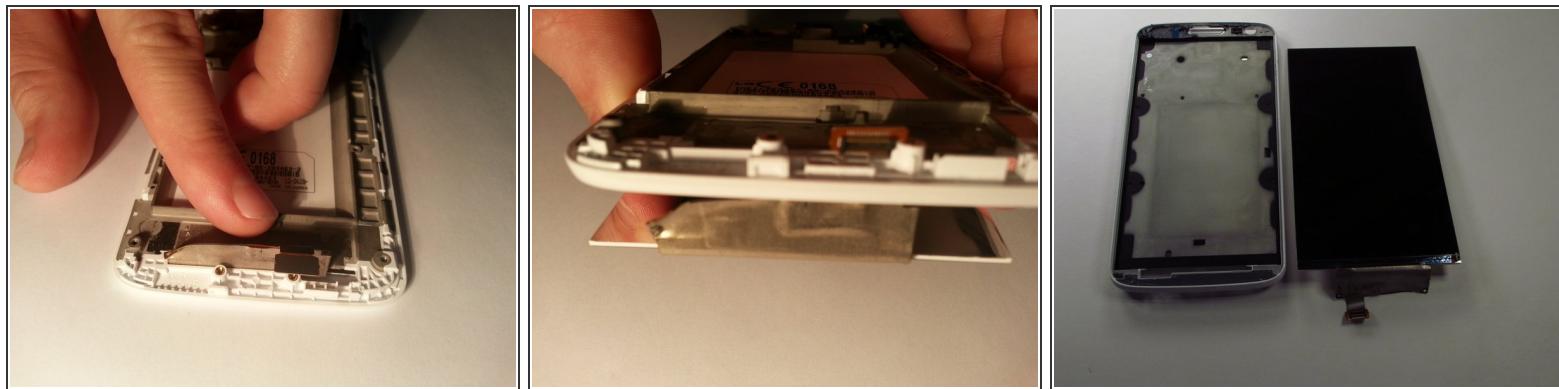
 The glass will get very hot. Take care not to burn yourself when touching it.

Step 12 — Remove the Glass Screen



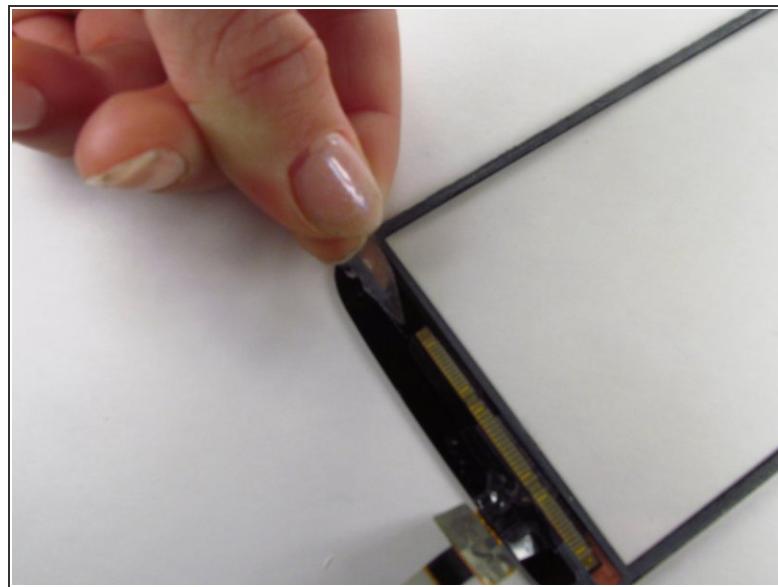
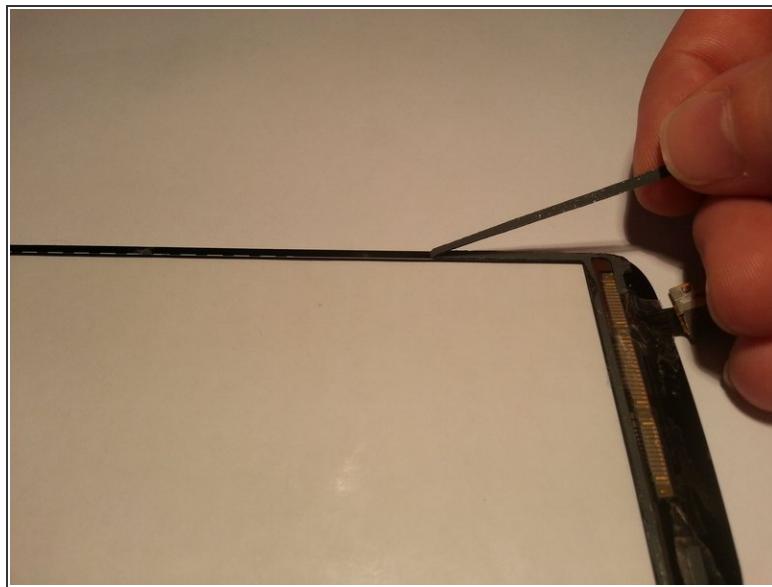
- Push the ribbon cable connected to the Digitizer through the hole in the case and then pull the glass screen away from the phone.

Step 13 — Remove the LCD Screen



- Push the ribbon cable connected to the LCD screen through the hole in the case.
- Pull the LCD screen away from the case.
- At this point you are ready to replace the LCD with a working one.

Step 14 — Making the Glass Screen Stick Again



(i) If you bought a full LCD and Digitizer assembly, then you can discard the old Digitizer and just replace it with the new one. If you only bought the LCD component and would like to reuse the current digitizer then follow the steps below.

- Peel off the excess adhesive from the bezel of the glass screen.
- Line the bezel of the glass screen with 3M double sided adhesive tape. You will be able to stick it back on easily.

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