



HTC OPM9200 Digitizer & Display Replacement

Replace the Digitizer & Display unit in your HTC OPM9200.

Written By: Steve Gilland



INTRODUCTION

Broken screen getting you down? Follow along to restore your mood.




TOOLS:

- [iFixit Opening Tools](#) (1)
 - [T4 Torx Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Backplate Removal Prereq



 Before you proceed, discharge your device battery below 25%. A charged lithium-ion battery can catch fire and/or explode if accidentally punctured.

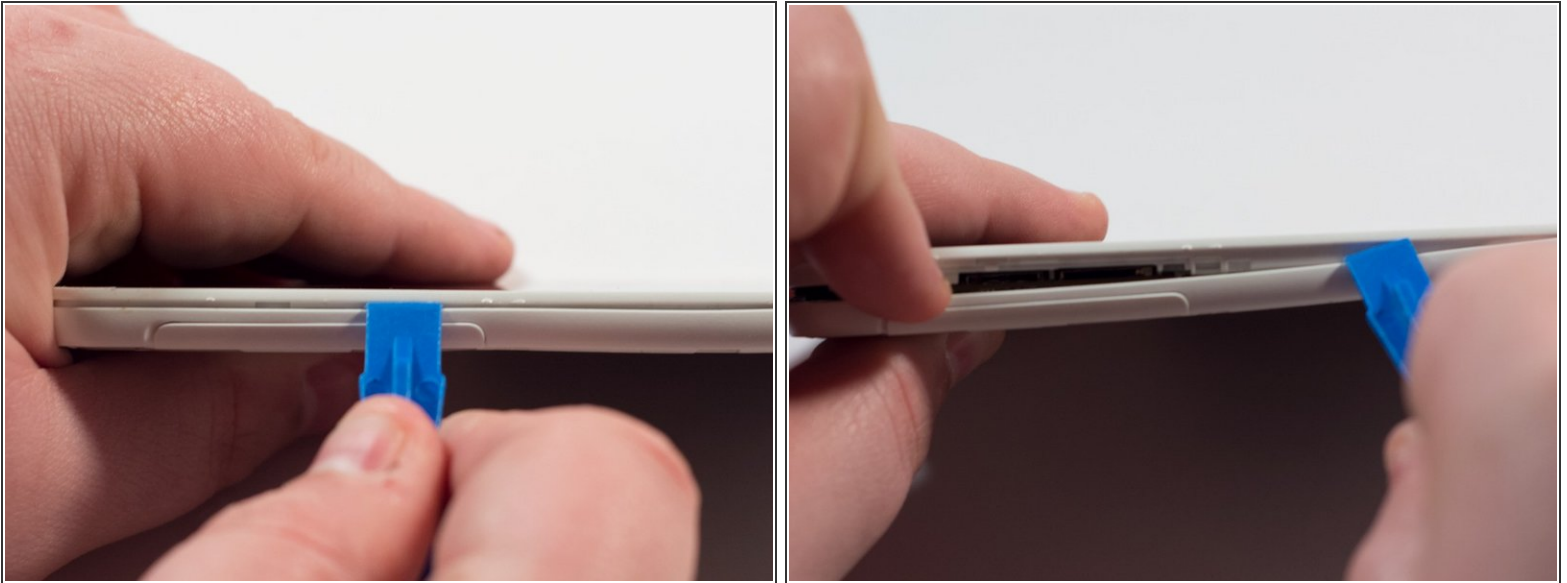
- Power off the device.
- Locate the SD Card/SIM Card cover flap on the left side of the device.
- Upon opening the cover flap you will find slots for SD Card and the SIM Card. Carefully remove these items if your device has them and set them aside.
- Lift on the back cover to begin the removal process. Continue removing the back cover by working along the edge. Once removed set aside the back cover.

Step 2



- Remove the five 3.5mm T4 Torx Screws.
- Remove the two 4.5mm #00 Phillips screws.
- ⓘ Please be aware of the sticker below the battery. Following this guide past this point may void your device's warranty.

Step 3



- Place a plastic opening tool along the seam of the front plate and back plate. Run the opening tool along the seam while prying slightly in order to pop the plastic clips away from the front plate.
- Once one or two clips have popped away you may begin to use your free hand to apply additional pressure while continuing to apply prying pressure as well with the opening tool.
- ⓘ Apply constant but controlled pressure while separating the front from the back. Damage may occur if using excessive pressure while separating the plates along the seam.

Step 4



- Continue working your way around the seam between the two parts and eventually you will be able to separate the entirety of the backplate revealing the internals of the device.

Step 5 — Battery Removal



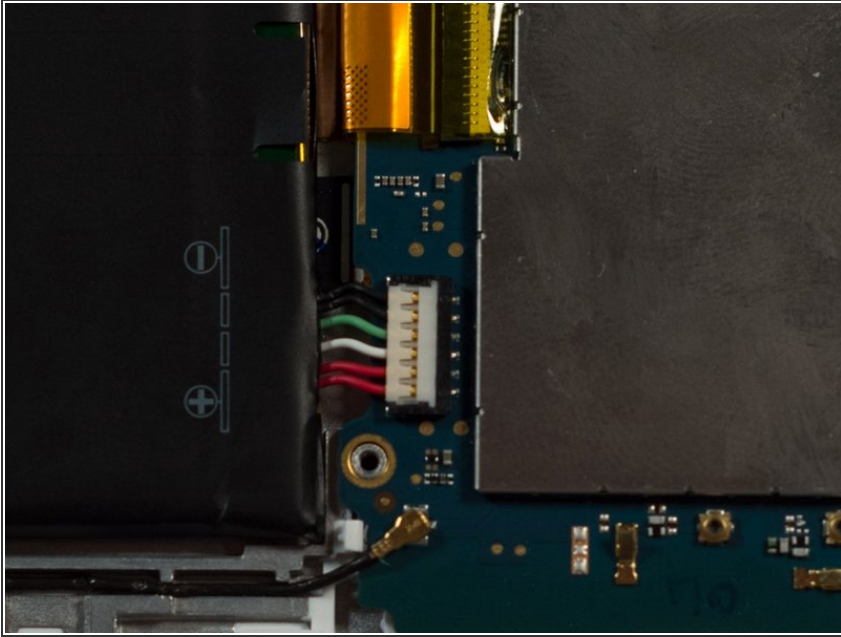
- Note the position of the battery connector.
- ⚠ We will be prying on the battery shortly which may cause accidental pressure to be place on this connector. Be careful not to damage this connector while removing the battery.

Step 6



- Place the plastic opening tool to the side of the battery and work underneath the battery. Slowly and gently pry the battery away from the device removing the battery from the adhesive underneath.
- After breaking away one side of the battery from the adhesive strips you can take advantage of the additional leverage by using your hand to break free from the adhesive on the opposite side.
- ❗ You will hear cracking and popping as the battery breaks loose from the adhesive strips underneath. This is normal and to be expected.

Step 7



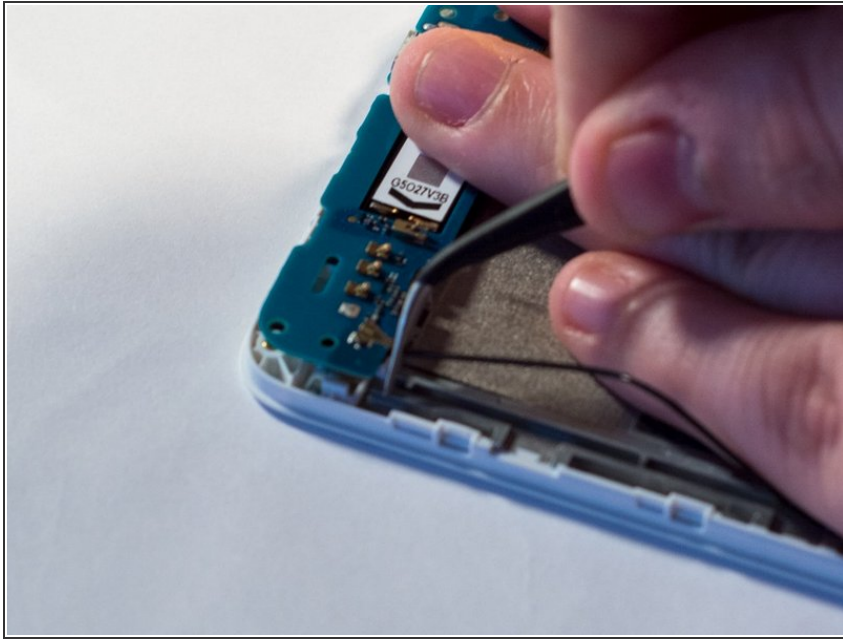
- After prying the battery free from the device the connector can be removed by pulling directly up away from the device.

Step 8 — Lower Speaker




- Place the plastic opening tool under the speaker and pry it away from the device.

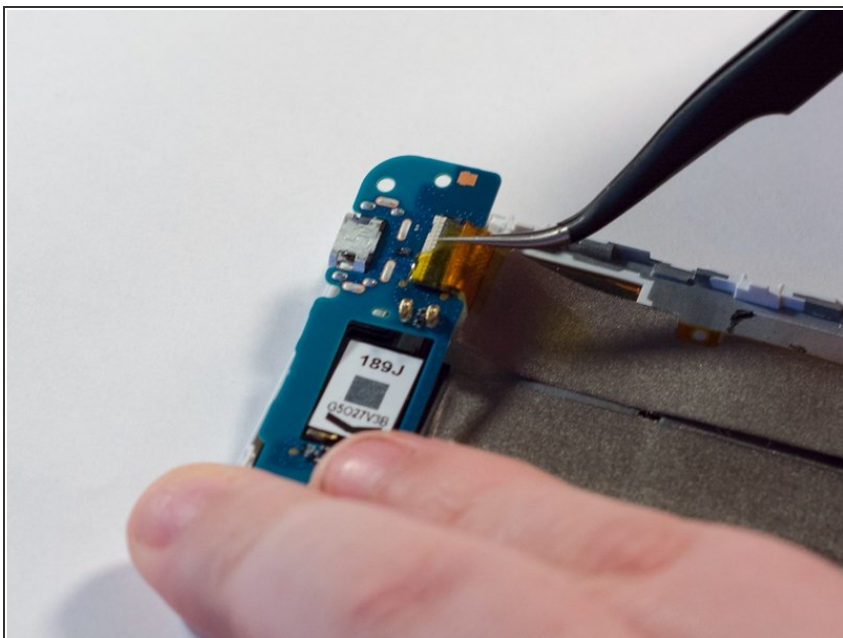
Step 9 — Lower Logic Board Prereq



- Remove the antenna connector from the bottom logic board by using tweezers. Grasp the bottom of the metal connector and pull away towards the top of the connector.

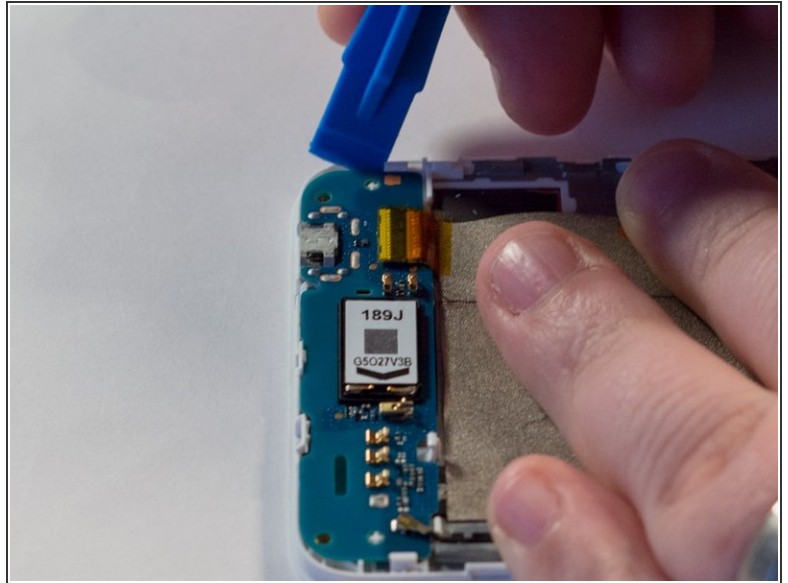
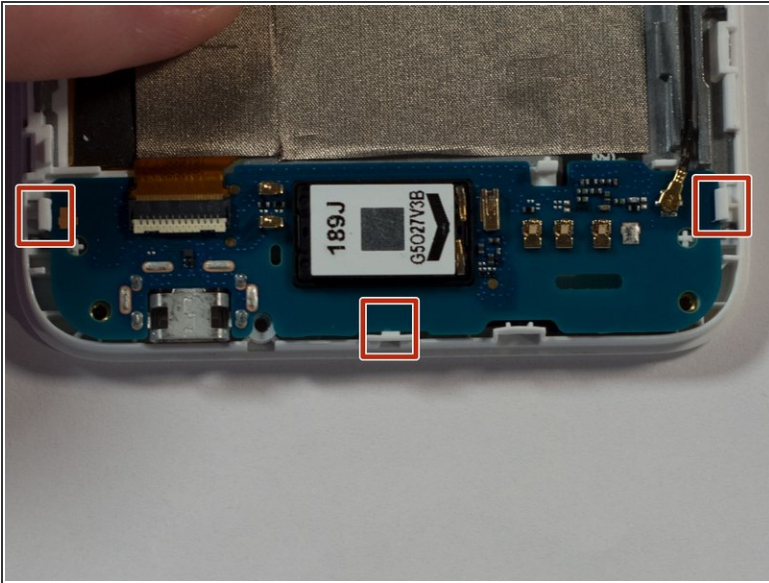
 The connector should come free easily if done correctly.

Step 10



- Remove the tape covering the connector that holds the ribbon cable to the lower logic board in place.
- Use tweezers to pull the ribbon cable free of the connector. Pulling directly away from the connector apply even and constant pressure until the cable slides free.

Step 11



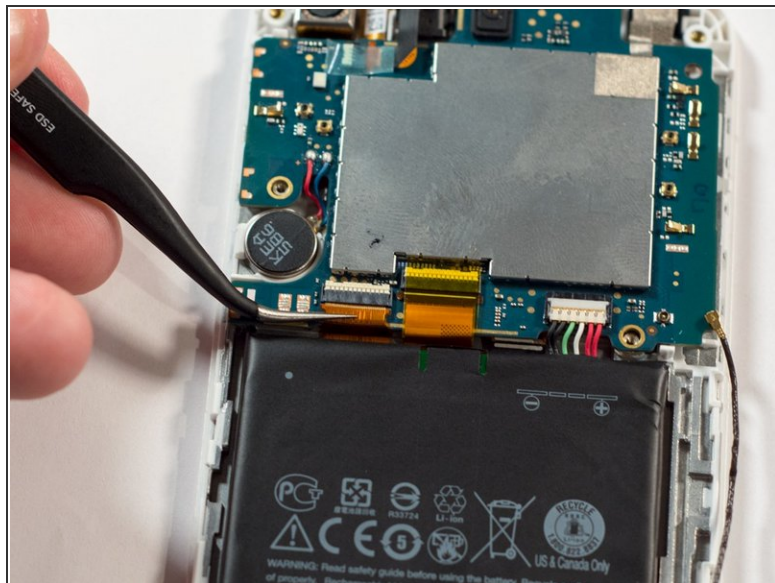
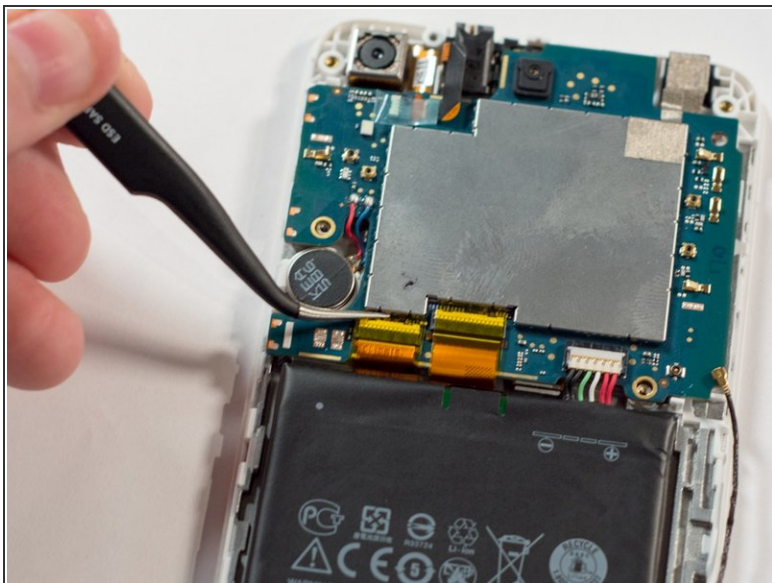
- Note the position of the three plastic clips holding the lower logic board in place.
- Place the plastic opening tool along one side and slowly begin to pry up. The board will flex slightly allowing it to pass by and free of the plastic clips.

Step 12 — Upper Logic Board



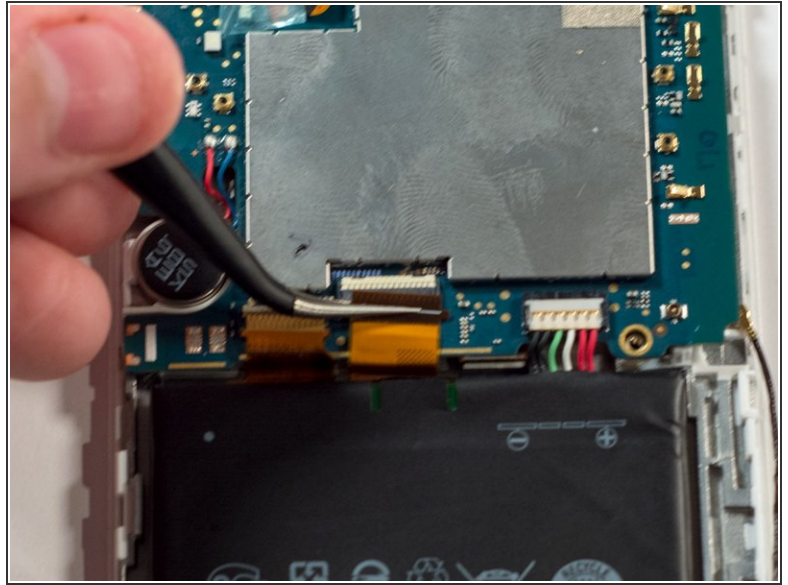
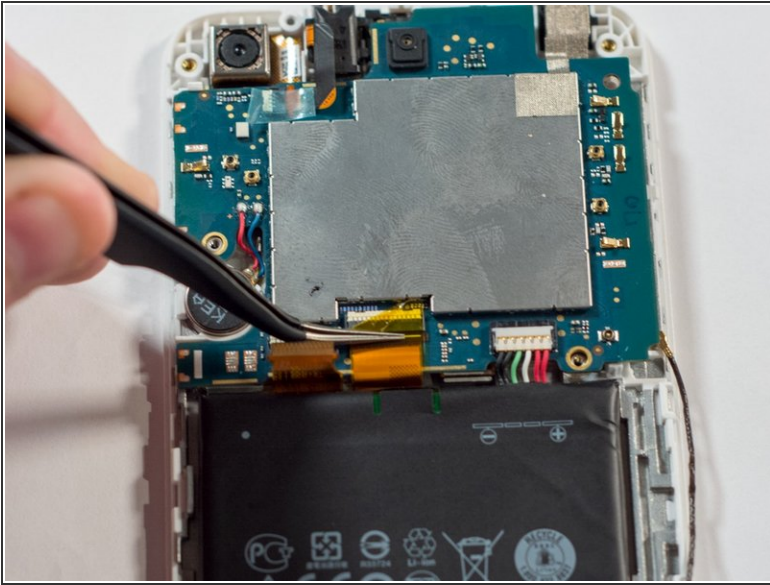
- Using the tweezers, remove the antenna connection. Grab the connector by the base and pull towards the head of the connector.

Step 13



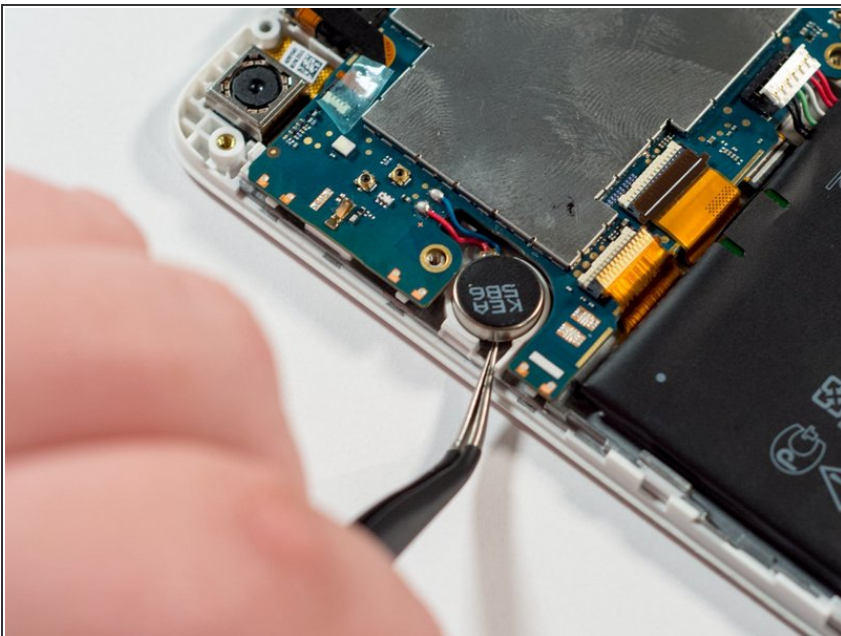
- Remove the tape that sits on top of the left connector.
- Place the tweezers around the ribbon cable and apply even pressure away from the connector to disconnect the cable.

Step 14



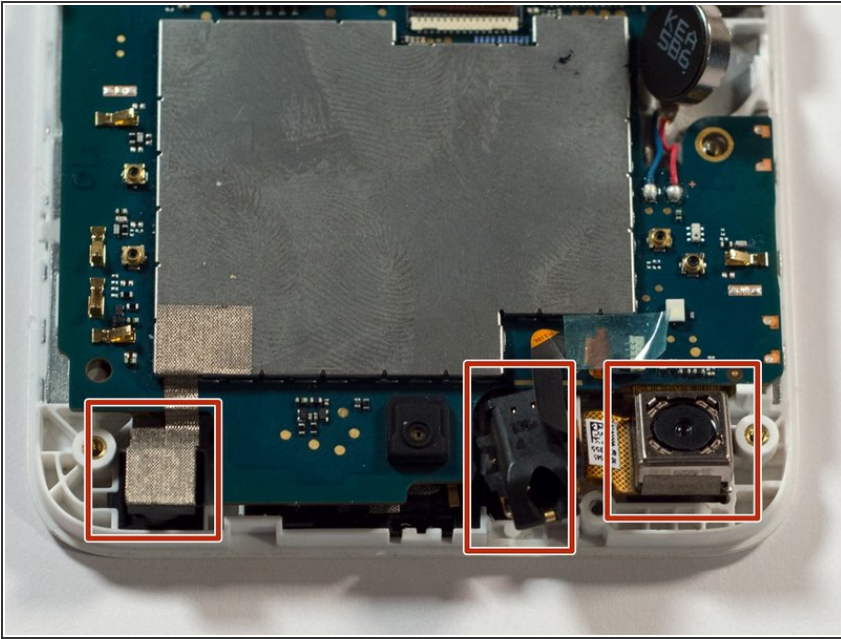
- Remove the tape that sits on top of the right connector.
- Place the tweezers around the ribbon cable and apply even pressure away from the connector to disconnect the cable.

Step 15



- Using the tweezers or another small pointed tool, place the tip under the edge of the round disk-like component on the left side of the device. Apply a small amount of pressure to the edge of the component to dislodge it.

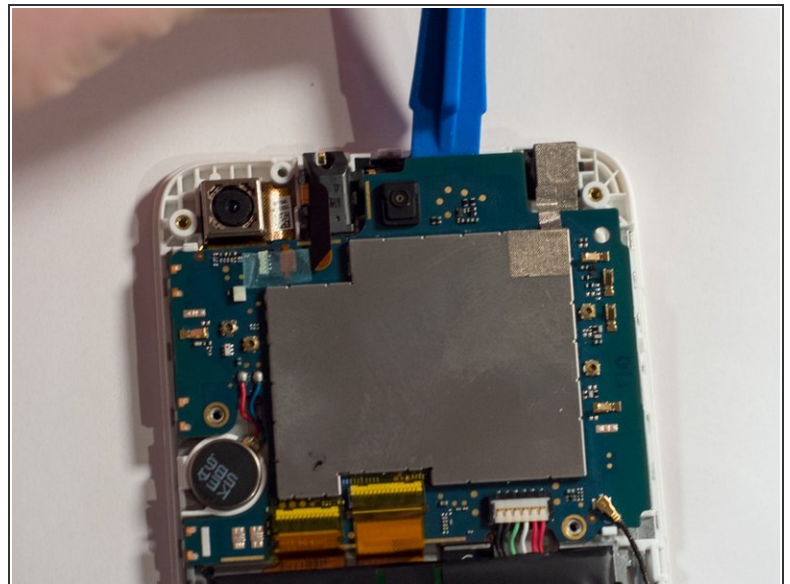
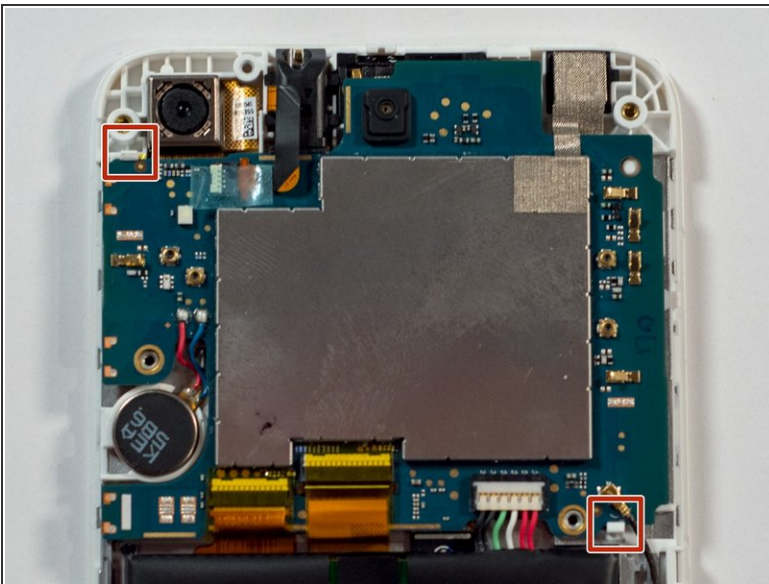
Step 16



- Place the plastic opening tool along the edge of the components and lightly pry these components out of their slots.

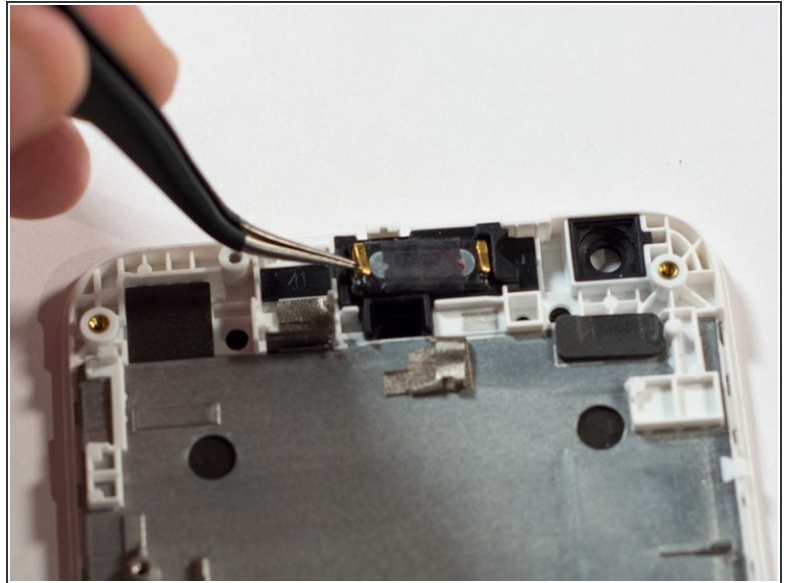
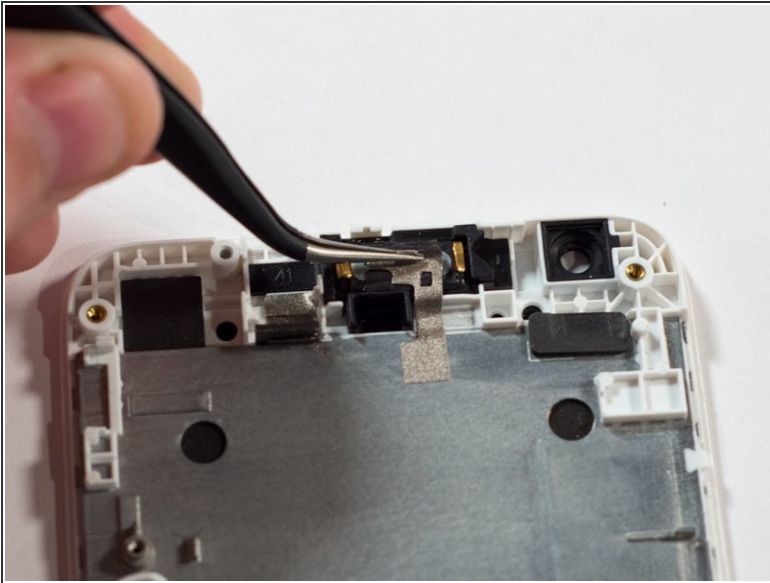
⚠ Ensure that you don't damage these components. They should require little force to dislodge.

Step 17



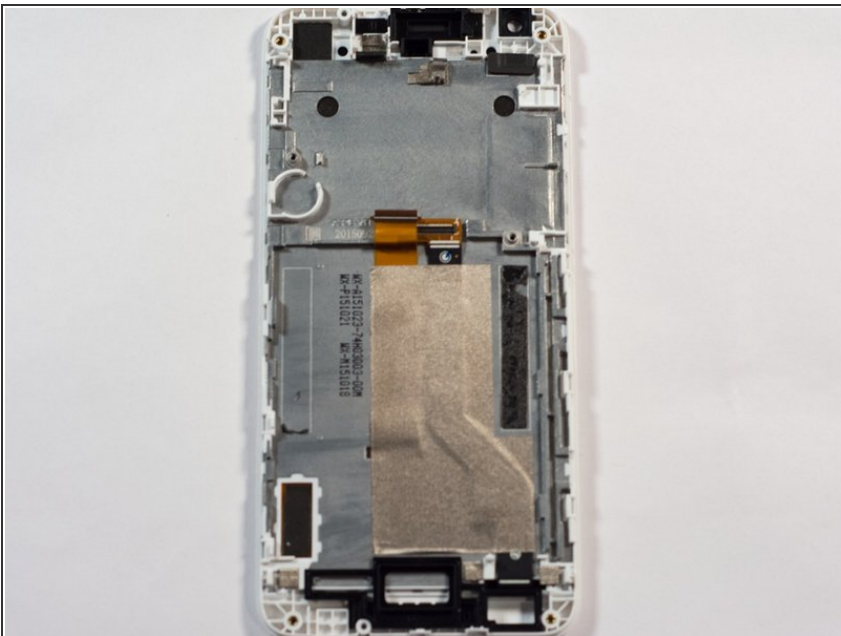
- Note the location of the plastic clips.
- Place the plastic opening tool along the top of the upper logic board. Apply even gentle pressure to remove the logic board from the rest of the device.

Step 18 — Upper Speaker



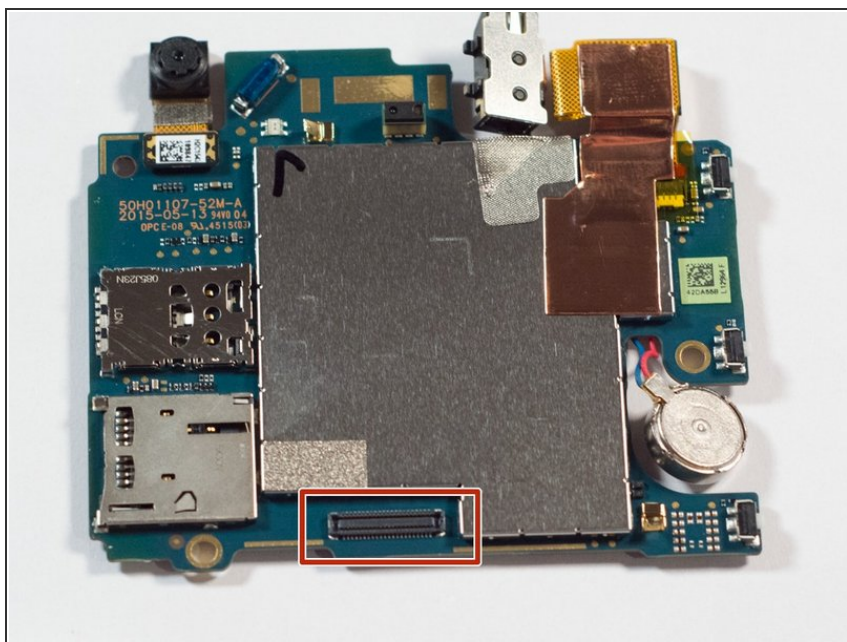
- Lift the tape securing the upper speaker.
- Apply gentle pressure with the tweezers to dislodge the speaker and then lift away from the rest of the device.

Step 19 — Digitizer & Display



- ★ Transfer any items that were not a part of your new display assembly from the old to the new.

Step 20



- ★ When re-assembling the device. Ensure that the highlighted connector on the back side of the upper logic board assembly is seated properly.

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