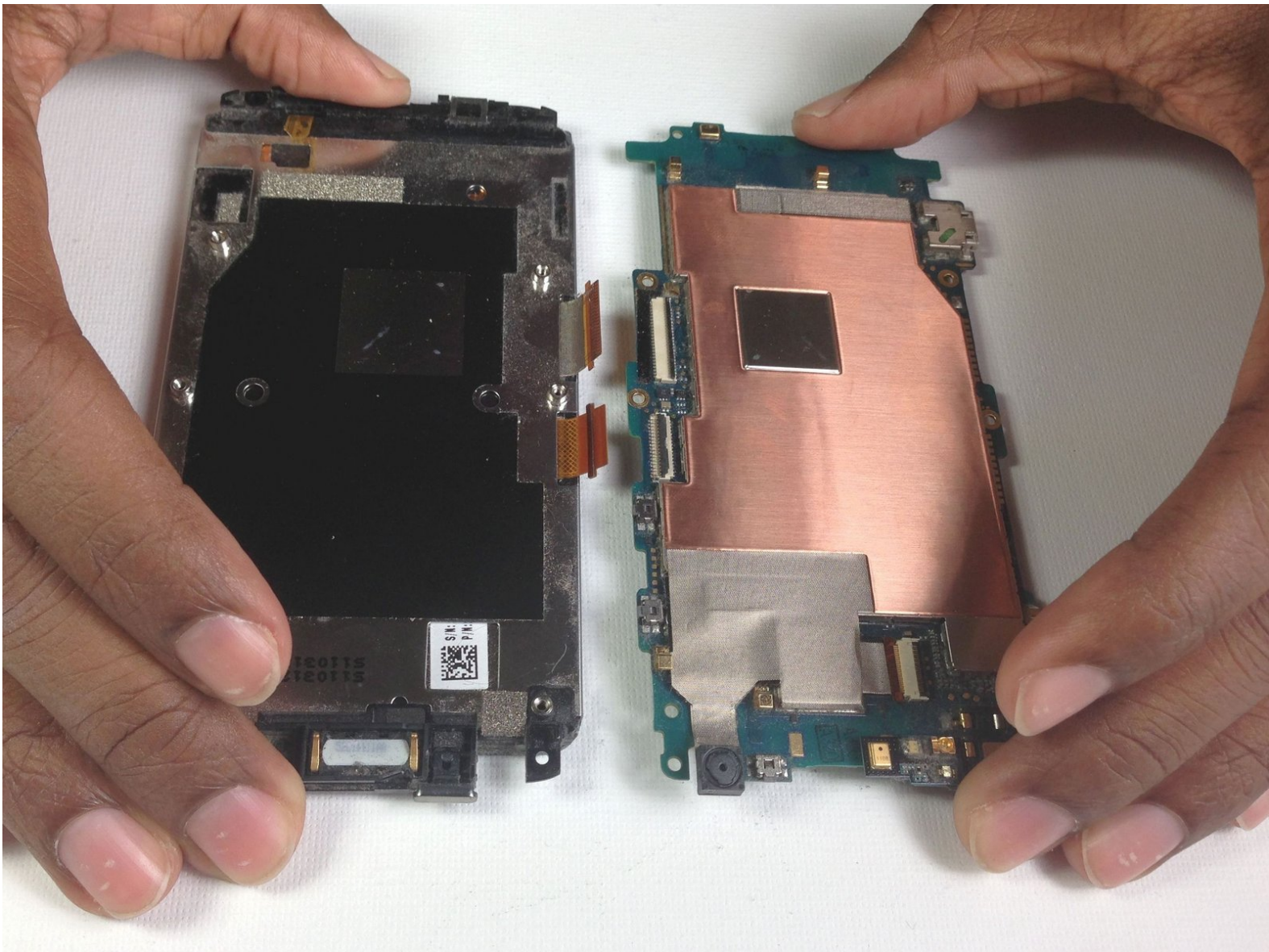




HTC Thunderbolt LCD/Screen Replacement

Use this guide to replace the LCD on the HTC Thunderbolt.

Written By: Brandon Younger





TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tool](#) (1)
- [Tweezers](#) (1)

Step 1 — Rear Panel



- Insert the plastic opening tool into the top of the Thunderbolt near the power button.
- Gently pry up on the rear panel around the edges until it is loose.

Step 2



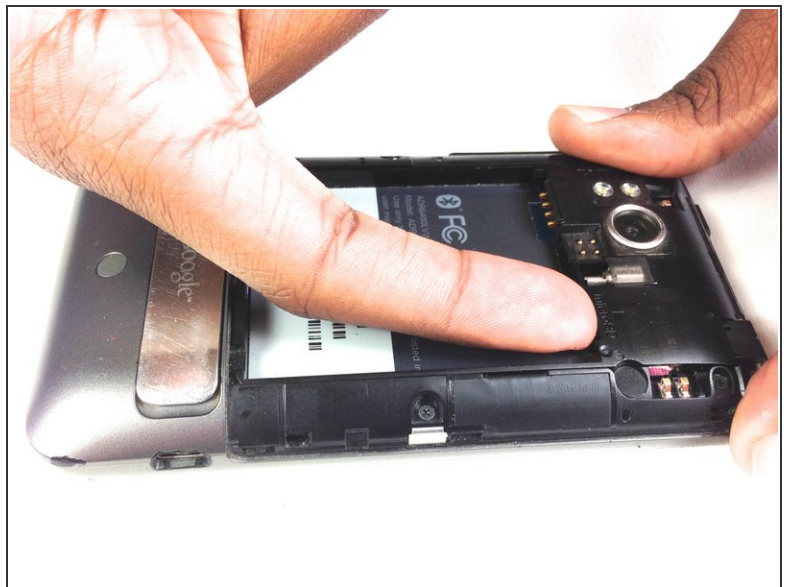
- Lift and remove the rear panel.

Step 3 — Battery



- Using the plastic opening tool, lift up the battery from the bottom near the kickstand.
- Remove the battery from the inner frame.

Step 4 — MicroSD Card



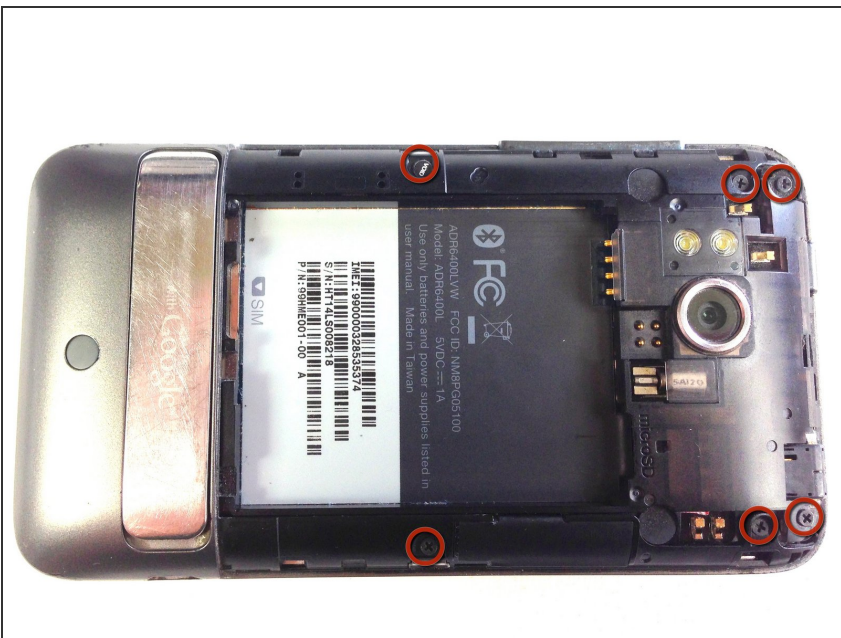
- Use your finger to push the MicroSD card in towards the top of the phone, allowing it to be released from the casing.

Step 5



- Use tweezers to grab onto the MicroSD card and carefully remove it from the casing.

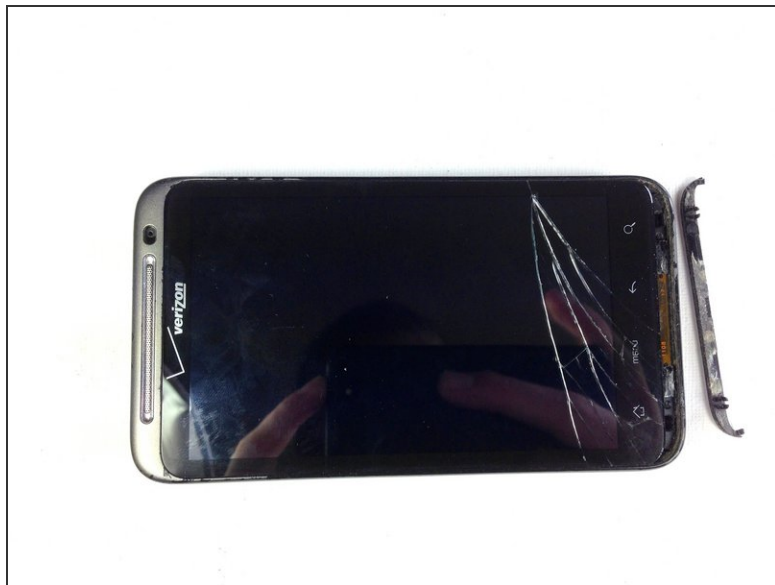
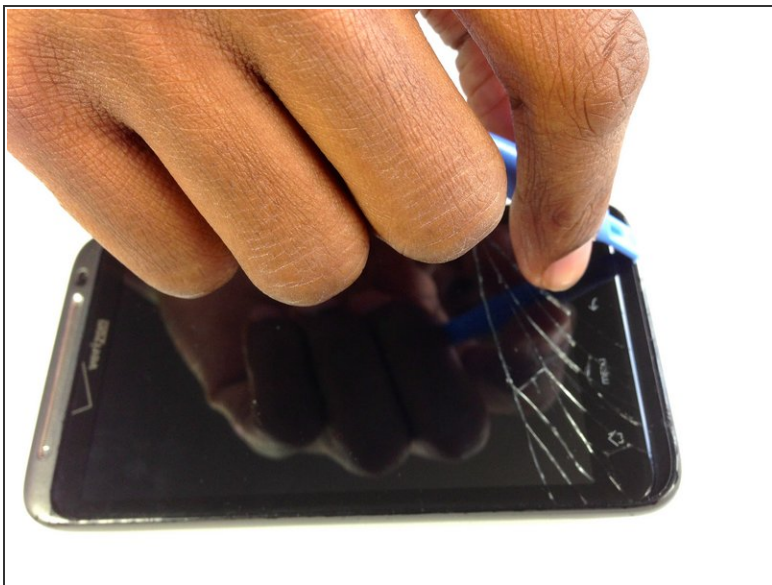
Step 6 — Rear Frame




- Remove the six Phillips screws from the perimeter of the rear frame.

⚠ By removing the screw with the "void" sticker on it, your Thunderbolt will no longer be covered under warranty.

Step 7



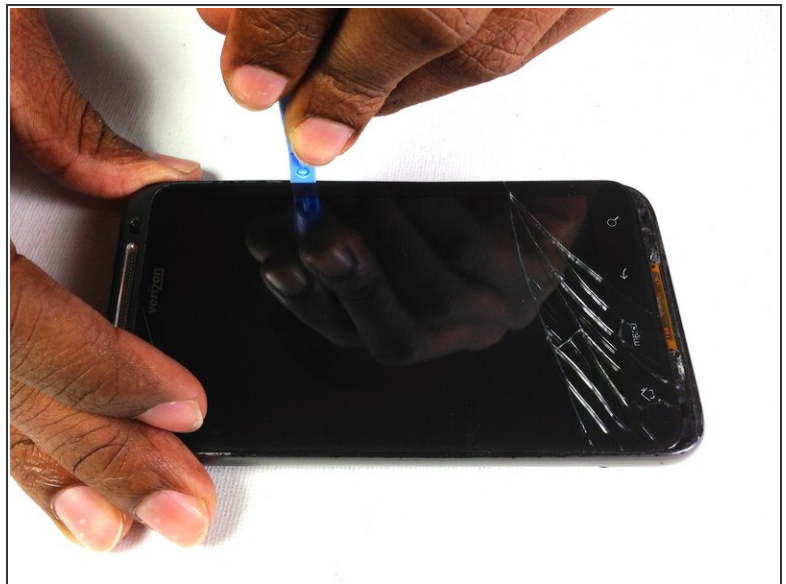
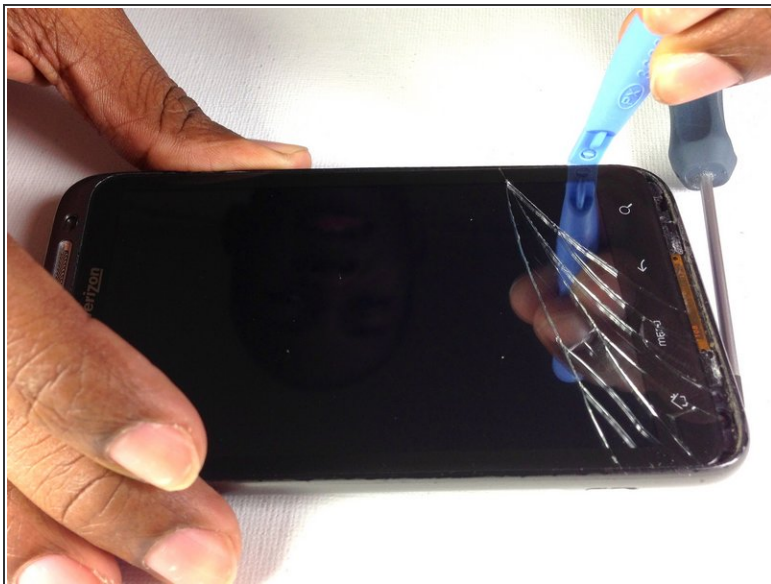
- Insert the plastic opening tool into the bottom of the phone underneath the soft keys.
 - Gently pry up on the plastic cover by sliding the plastic opening tool across the bottom of the phone.
 - Remove the plastic cover.
-  The plastic cover will have adhesive on it making it difficult to remove.

Step 8



- Remove the two Phillips screws where the plastic cover was.

Step 9



- Insert the plastic opening tool in between the screen and the frame on the side of the phone.
- Slowly slide the the plastic opening tool along the side of the phone until the screen begins to separate from the frame.
- Do the same for the opposite side of the phone.

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Step 10



- Carefully separate the screen and phone from the rear frame, starting from the bottom.
- Gently pull down on the phone and screen to fully separate it from the rear frame.

Step 11 — Rear Inner Frame



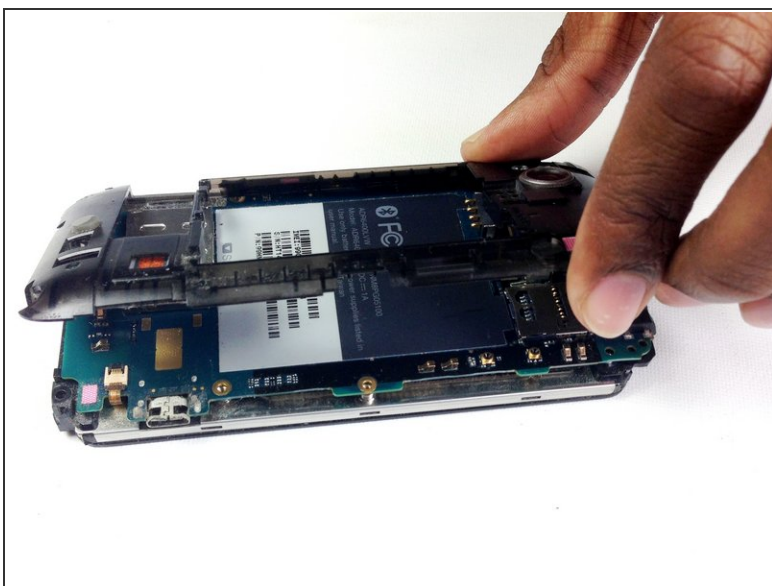
- Remove the two Phillips screws securing rear inner frame to device.

Step 12



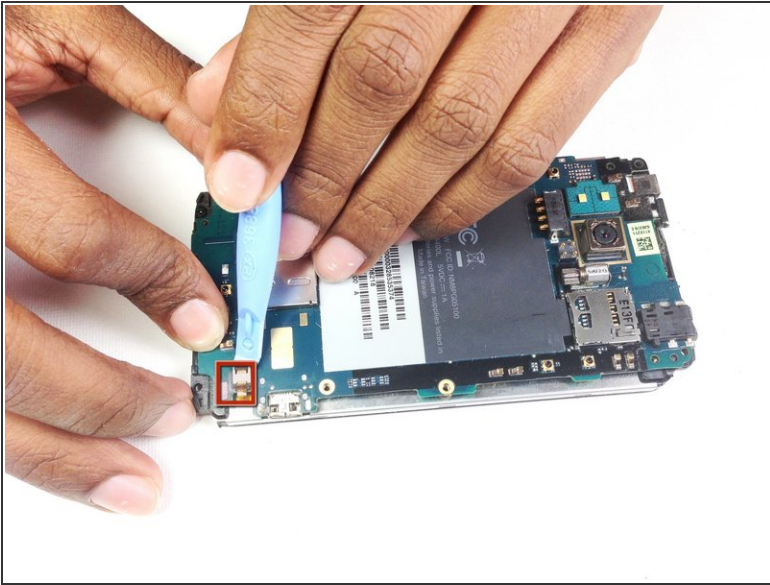
- Insert the plastic opening tool between the rear inner frame and the motherboard and slowly work your way around the device.

Step 13



- Remove the rear inner frame from the rest of the device.

Step 14 — LCD/Screen

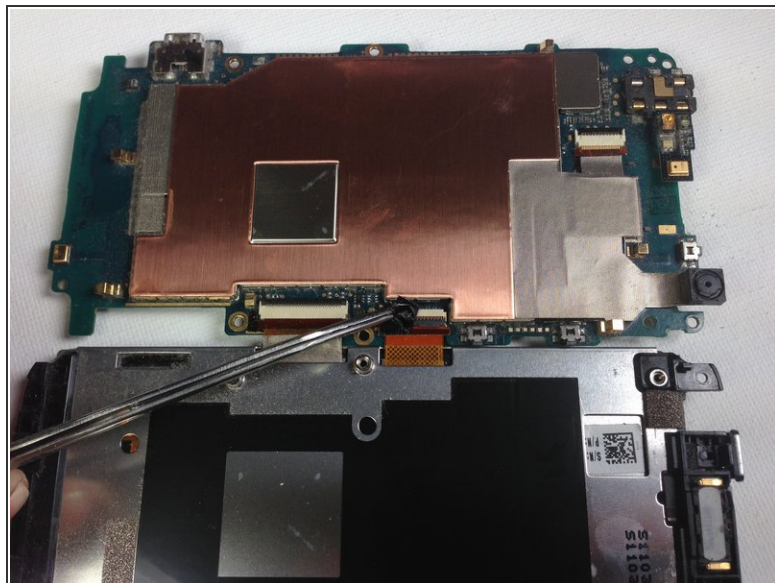


- Using the tip of an plastic opening tool flip up the tab holding the capacitive button ribbon cable.

⚠ Be careful opening these tabs as they are very easy to break.

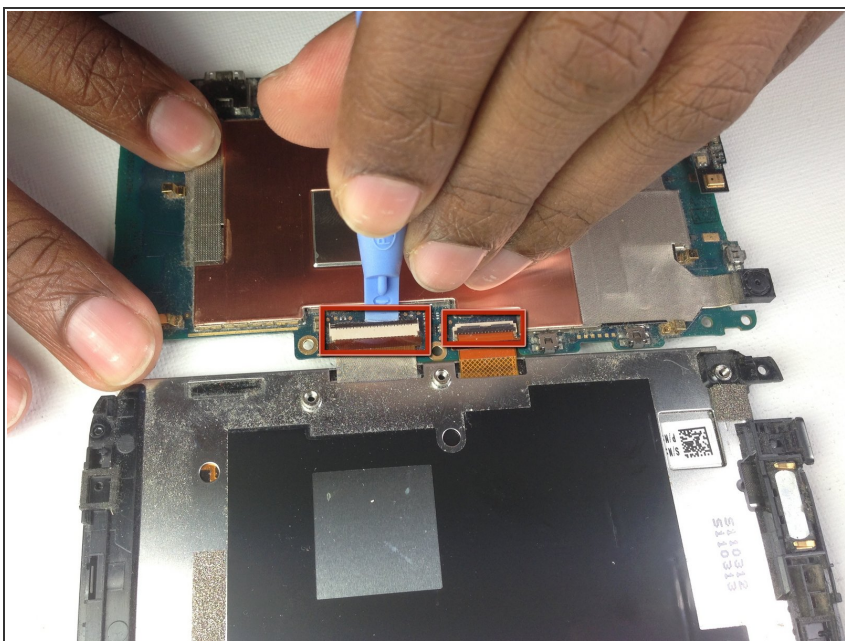
- Use a pair of tweezers to pull the capacitive button cable out of its socket.

Step 15



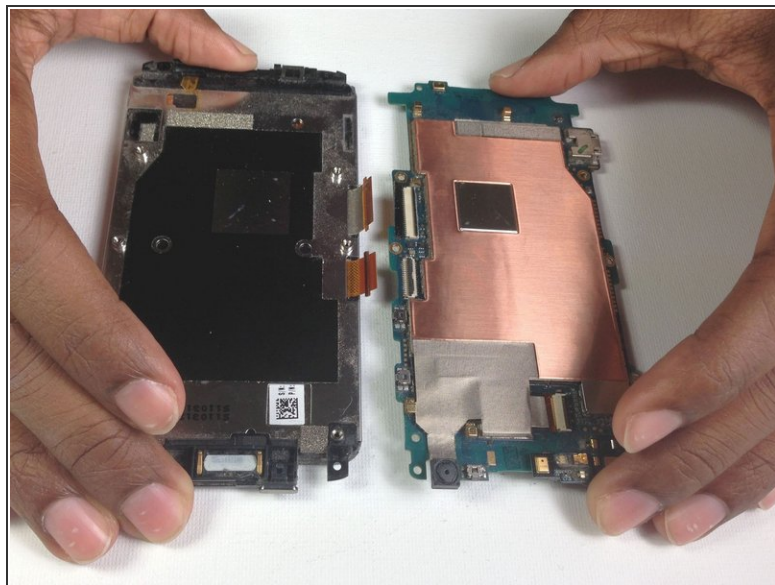
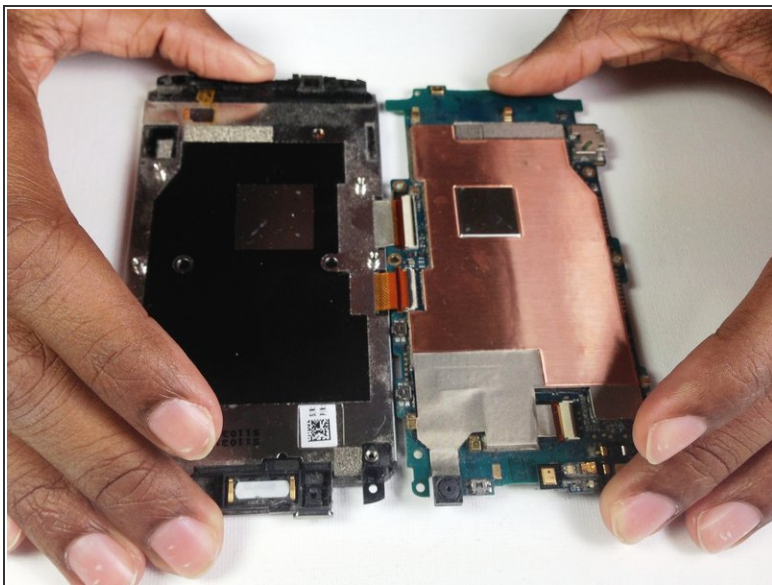
- Lifting from the side where the ribbon was disconnected, flip over the motherboard.
- Remove the black tape covering the tabs connecting the motherboard and LCD.

Step 16



- Using the plastic opening tool pop up the two tabs connecting the LCD and motherboard.

Step 17



- Once the tabs have been popped up, slowly pull the two pieces away from each other.

⚠ If there is resistance pulling apart the phone then a ribbon or tab has not been disconnected properly/completely.

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