



Huawei Honor 6x Front Display Panel Replacement

If your screen becomes cracked or is...

Written By: Tessa Kemper



INTRODUCTION

If your screen becomes cracked or is inoperable, the front display panel will need to be replaced. This process involves removing nearly every component of the phone before gaining access to the front display panel.

TOOLS:

[SIM Card Eject Tool](#) (1)

A small paper clip works sufficiently

[Spudger](#) (1)

[iFixit Opening Tool](#) (1)

[Phillips #0 Screwdriver](#) (1)

[Tweezers](#) (1)

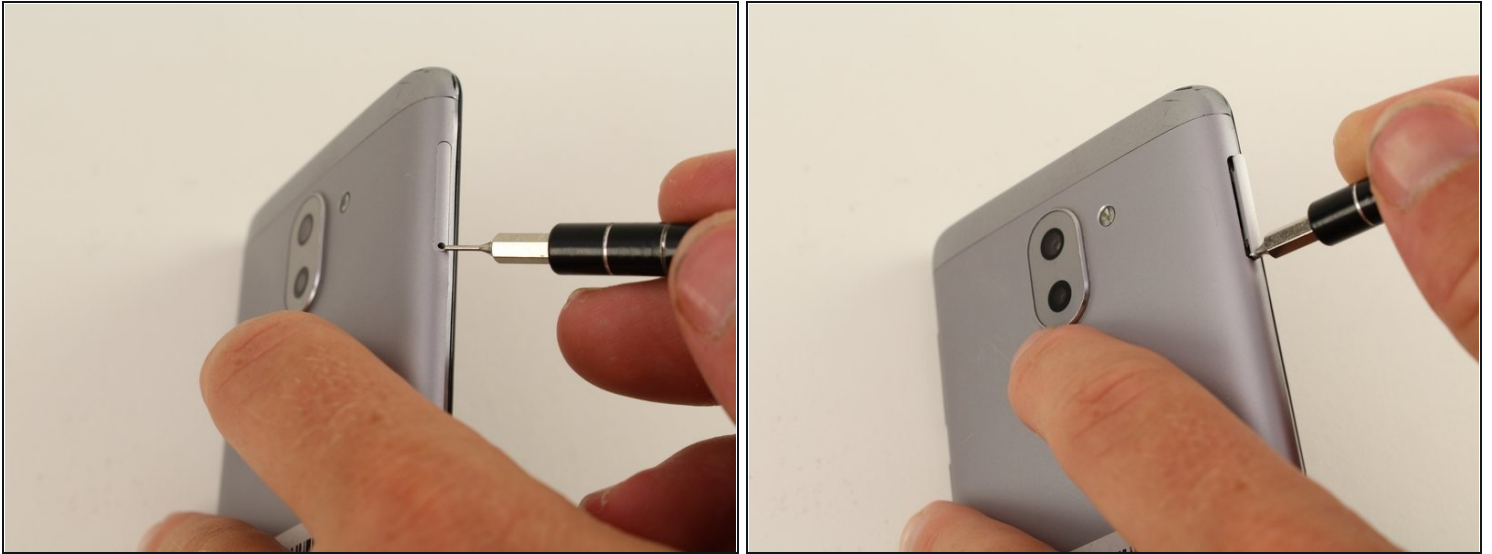
[T2 Torx Screwdriver](#) (1)

Step 1 — SIM Card



- Turn off the device.

Step 2



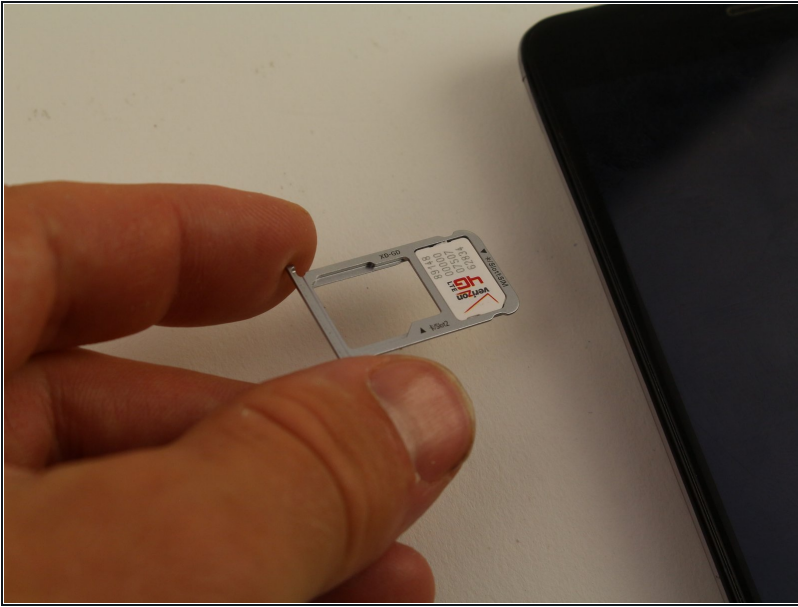
- Insert the SIM Card Eject Tool into the SIM card tray hole.
- Press the eject tool into the hole until the tray clicks open.

Step 3



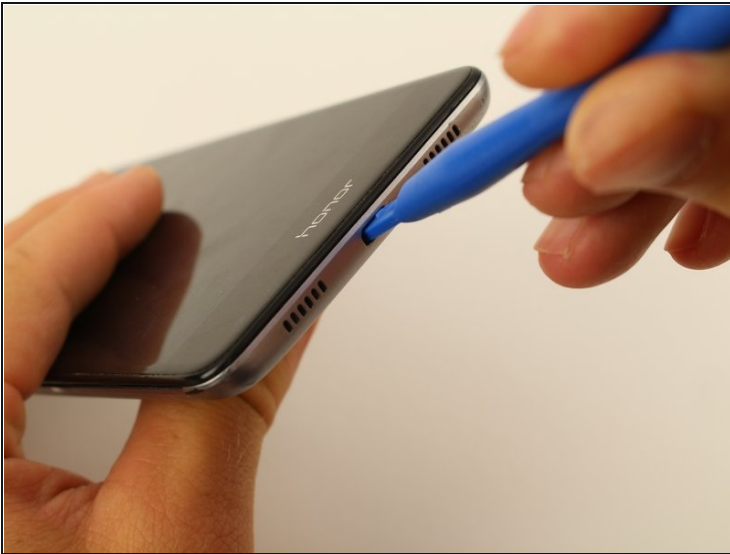
- Remove the SIM tray from the device using two fingers.
- ☑ When reinserting the SIM card, be sure it is properly aligned with the SIM tray.

Step 4



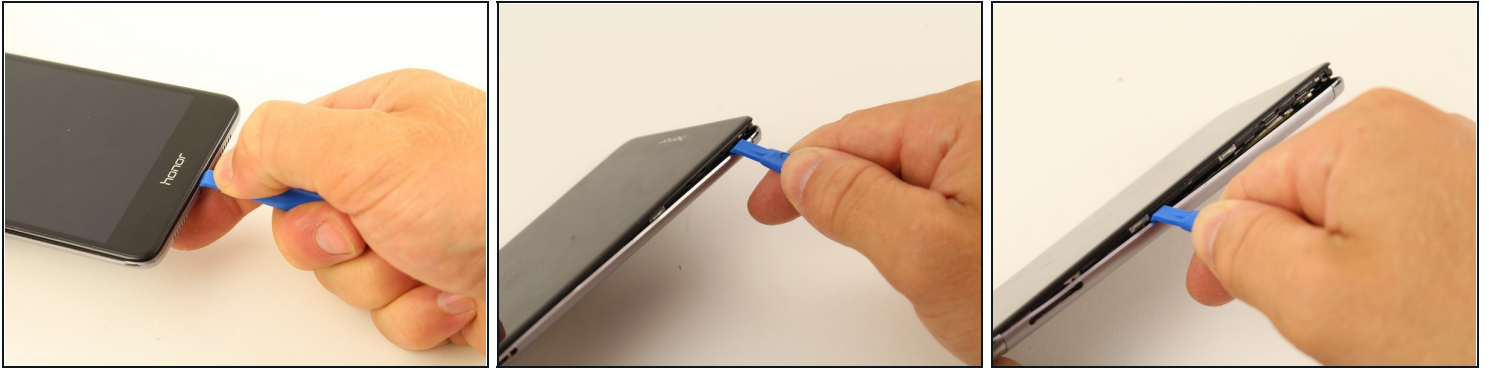
- Remove the SIM card from the compartment using two fingers.

Step 5 — Back Cover



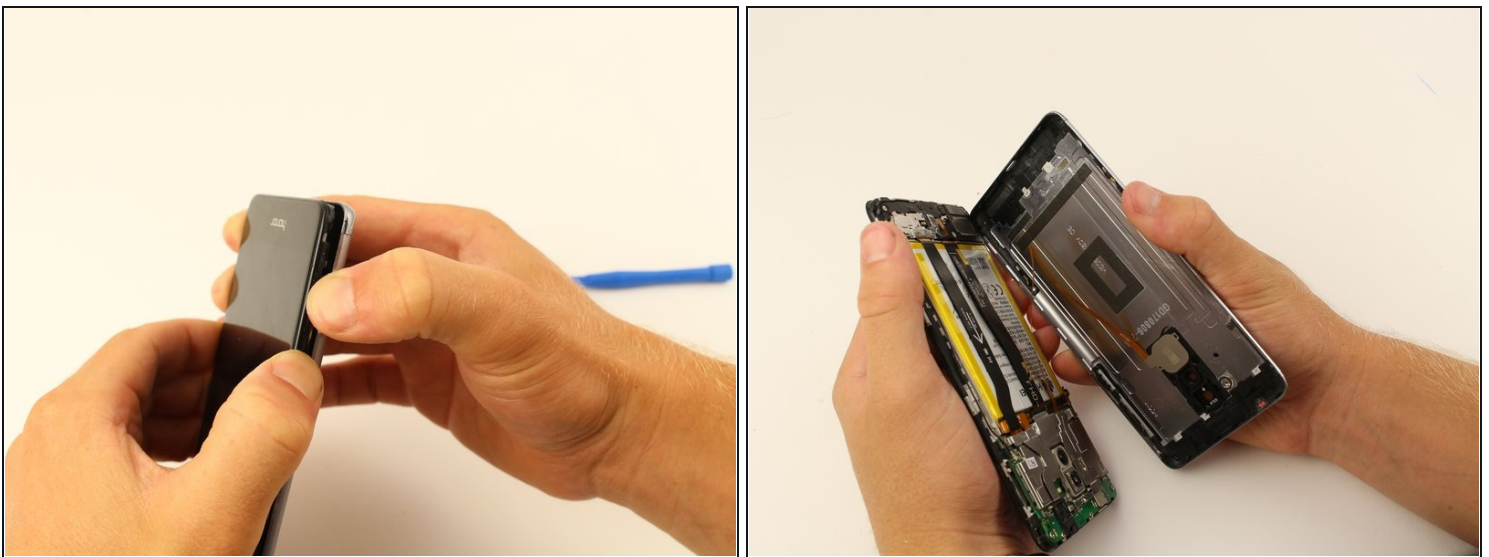
- Insert a plastic opening tool into the Micro USB charging port with the the angled side of the tool facing the screen.
- Pry the screen off the back of the phone by pushing down on the opening tool.

Step 6



- Slide the opening tool or spudger along the bottom of the phone and around the edge.

Step 7



- Once three sides of the screen are detached, pry the phone apart using two hands.

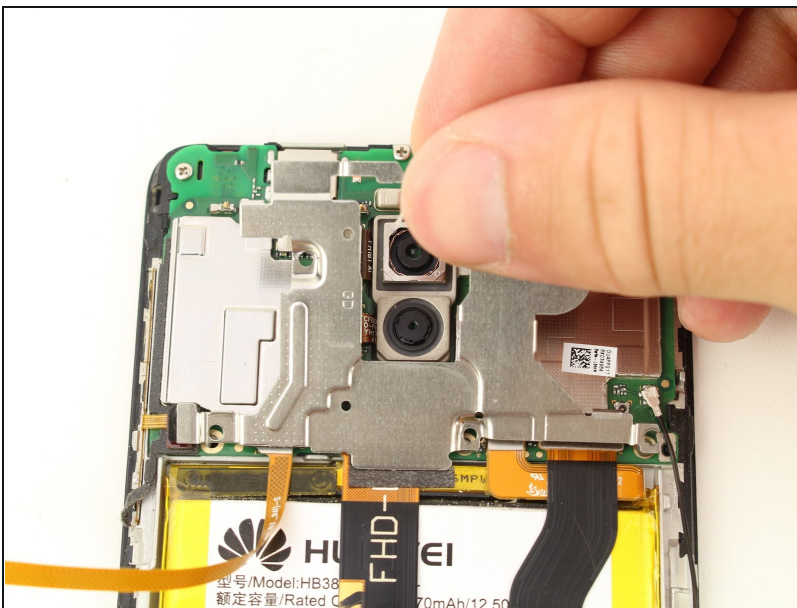
⚠ When separating the back panel from the screen, do not pull them too far apart. There is an interconnect that is attached to both sides that could break, or tear, if pulled too far.

Step 8



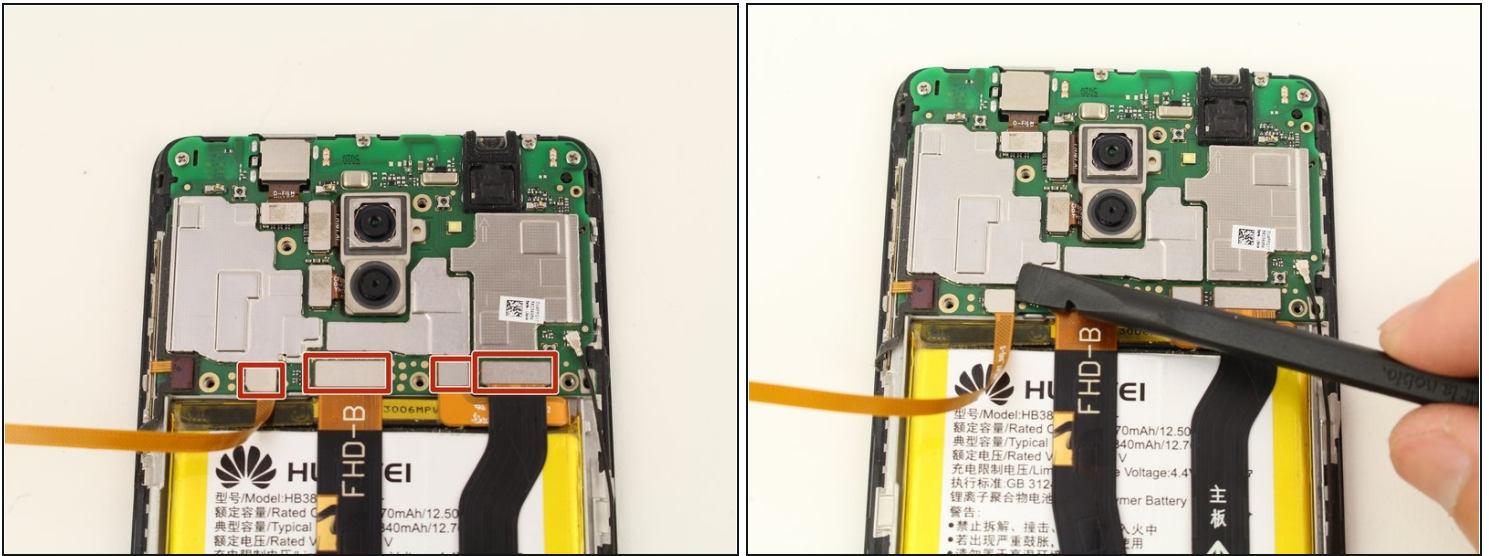
- Remove the five 4mm Phillips #00 screws using a screwdriver.

Step 9



- Remove the motherboard cover from the device using a spudger or your fingers.

Step 10 — Battery



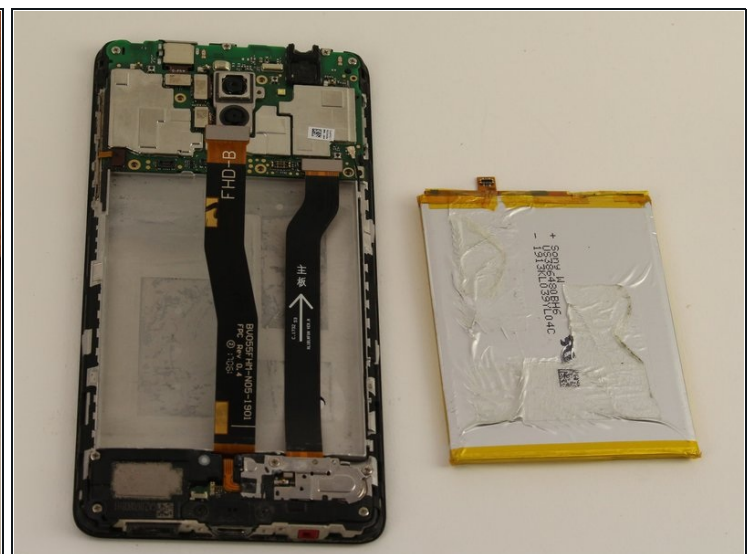
- Remove the four connectors by placing the spudger between the motherboard and the connectors.
- Press upwards against the connectors until they disconnect.
- ① The connectors will make a "click" sound when disconnected.

Step 11



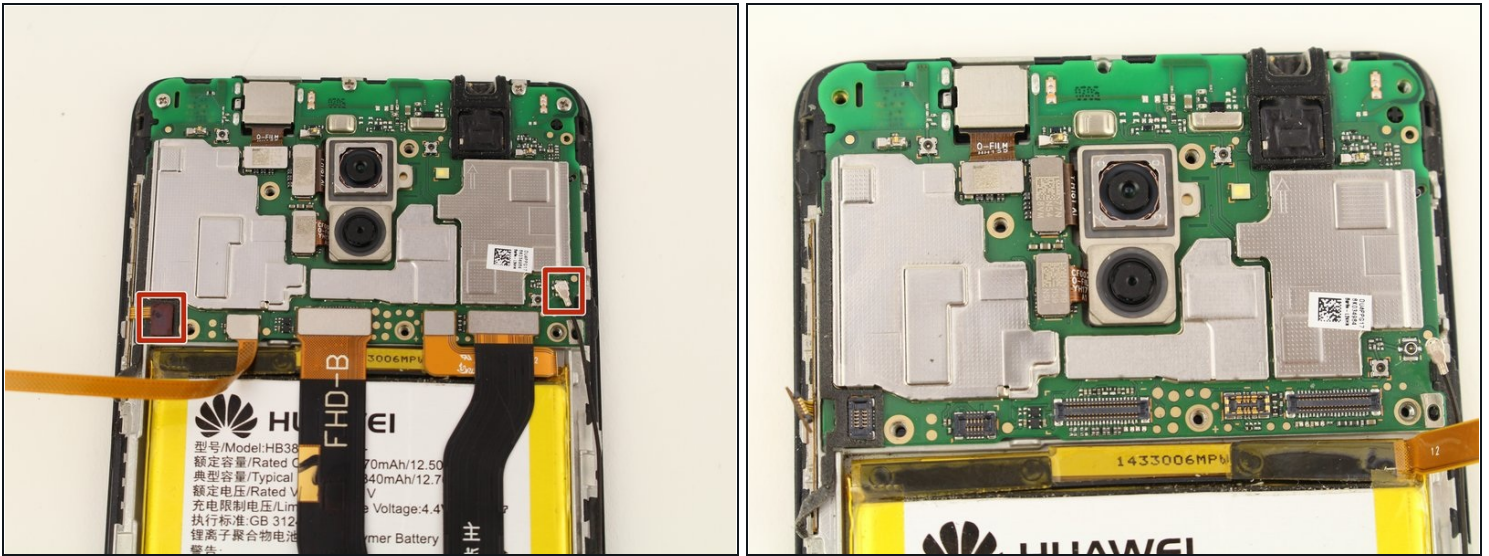
- Remove the battery by first prying a spudger between the battery and the screen.
 - Slice through the adhesive by pushing card around and underneath the battery.
 - ① The adhesive is fairly strong, so make sure to press firmly against the adhesive.
- ⚠ Do not excessively bend the battery. Bending the battery too much can cause it to break and even catch fire.

Step 12



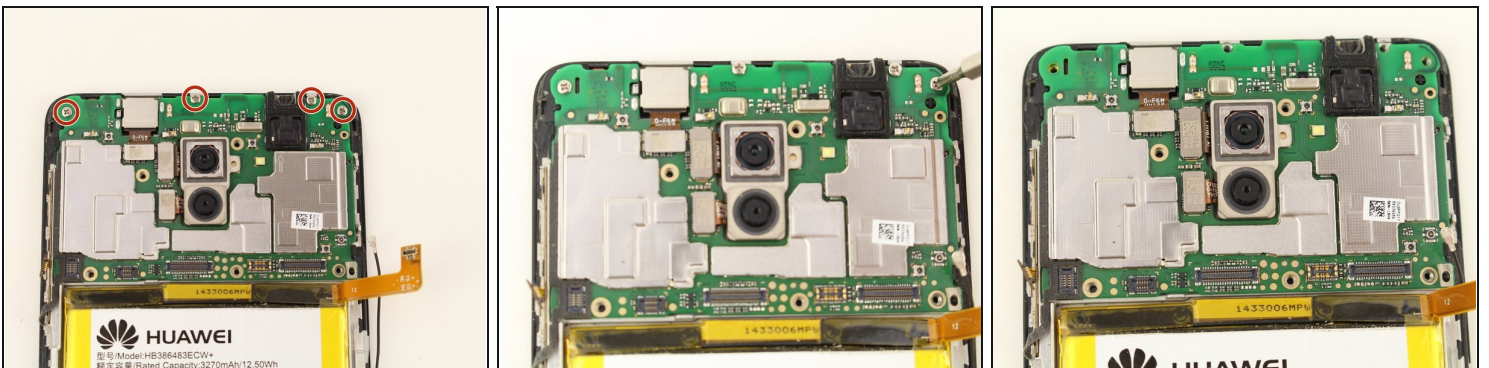
- Using the [plastic card](#), remove the battery by lifting it from the casing.

Step 13 — Front Display Panel



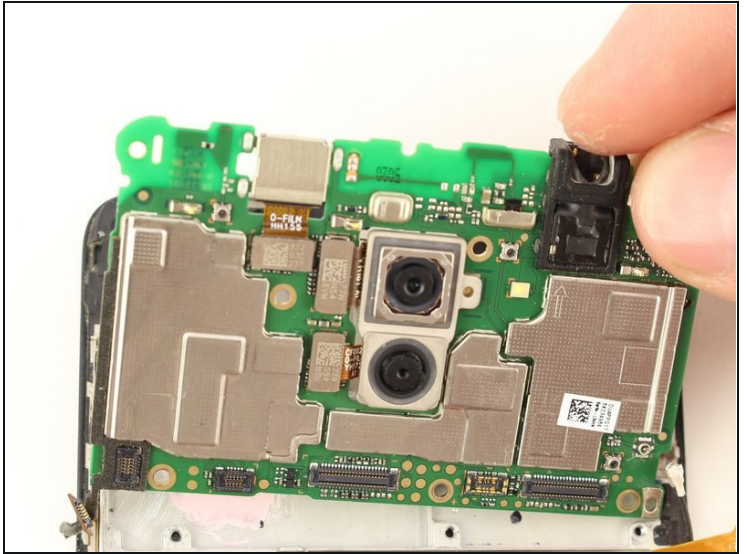
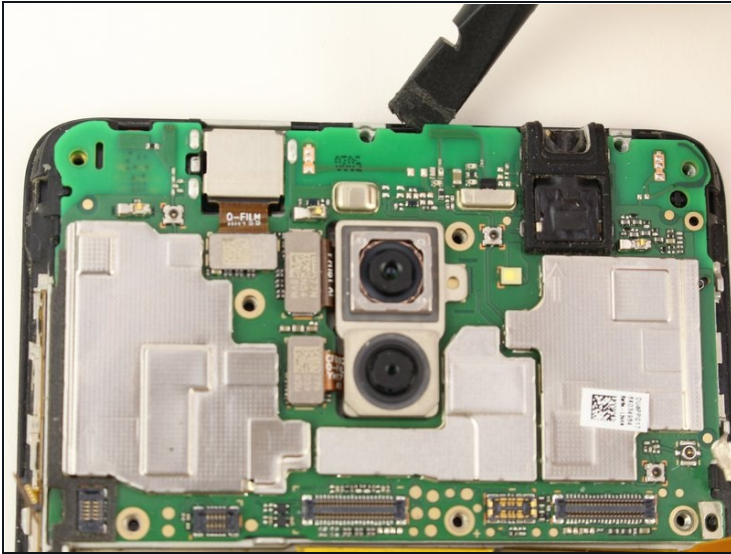
- Remove the last two connectors from the motherboard using a spudger or your fingers.
- ⓘ All cables should now be detached from the motherboard.

Step 14



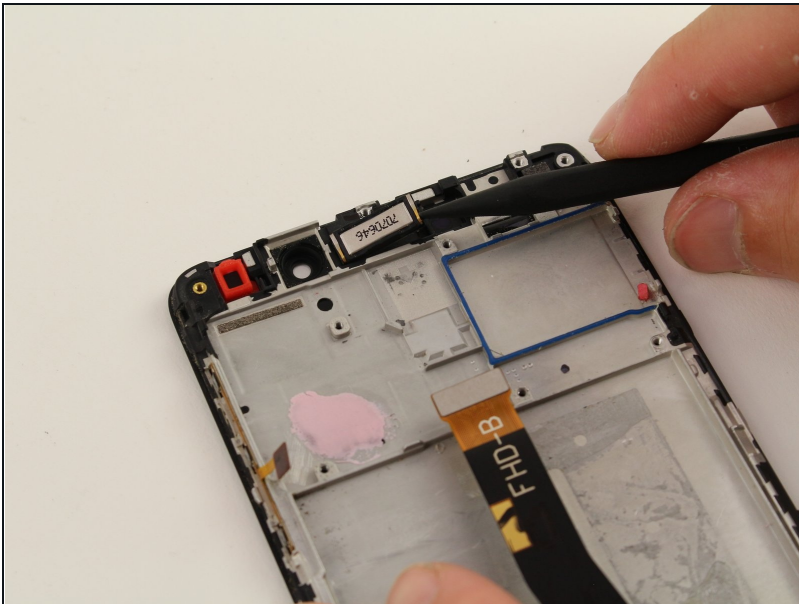
- Remove the four 2mm Phillips #00 screws.

Step 15



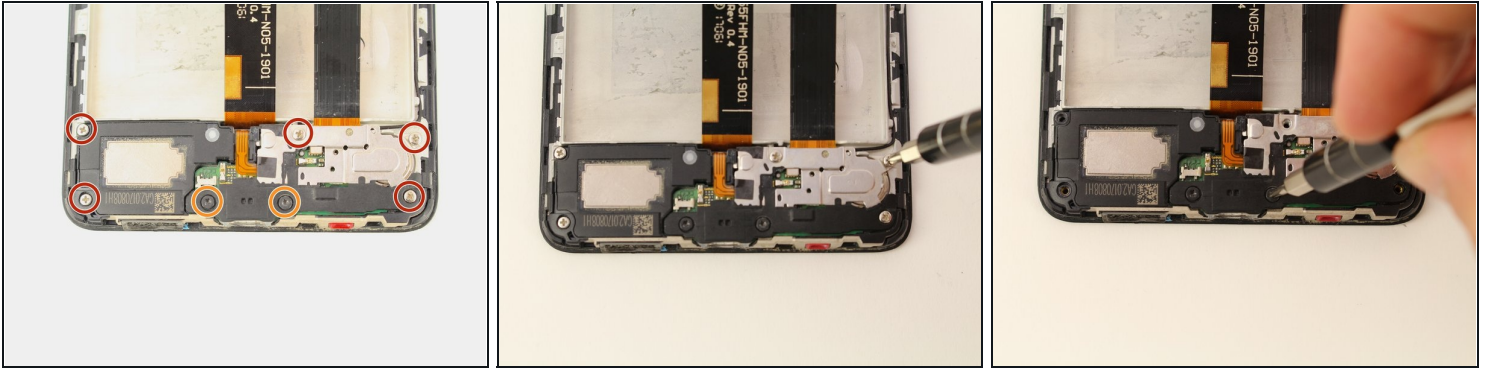
- Gently lift the motherboard from the phone using two fingers or a spudger.

Step 16



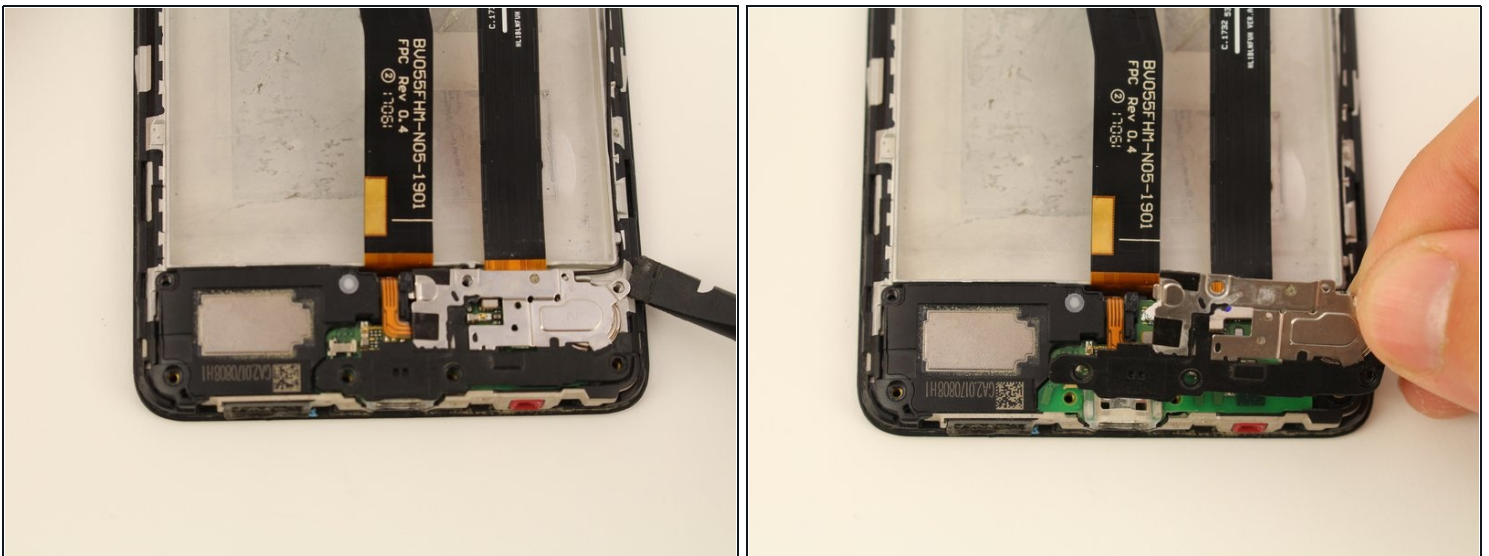
- Remove the speaker using the tip of a spudger.
- ☑ The speaker may need to be re-glued during reassembly.

Step 17



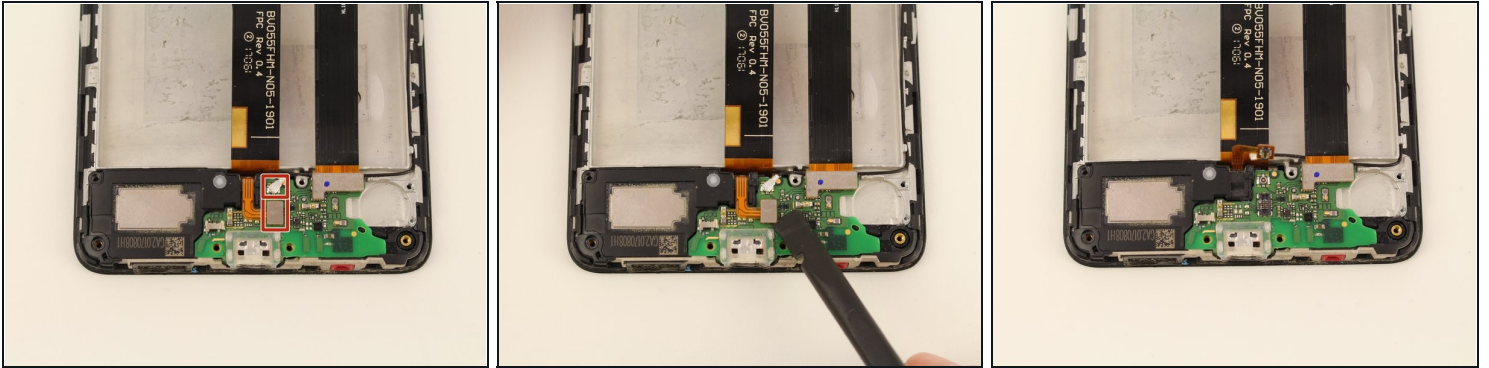
- Remove the five 2mm Phillips #00 screws using a screwdriver.
- Remove the two 2mm #5 Torx screws using a screwdriver.

Step 18



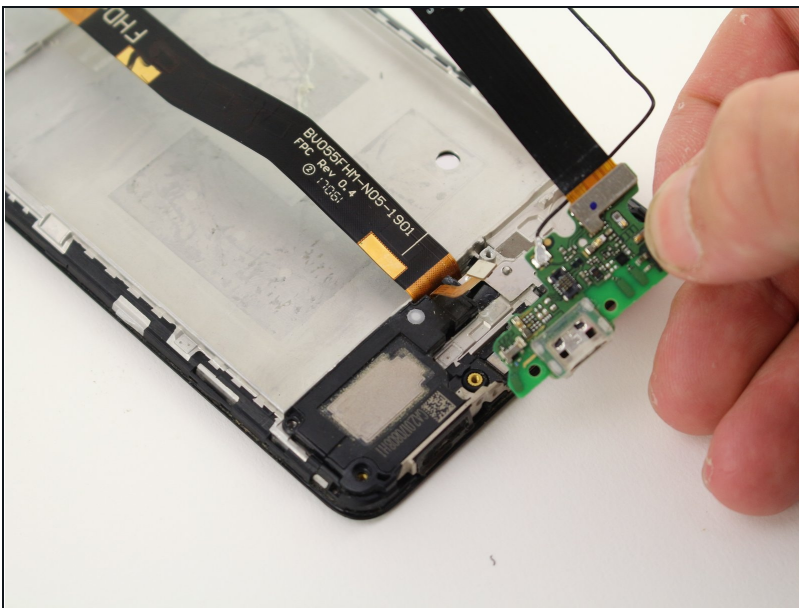
- Remove the metal plate from the vibrator assembly using a spudger.

Step 19



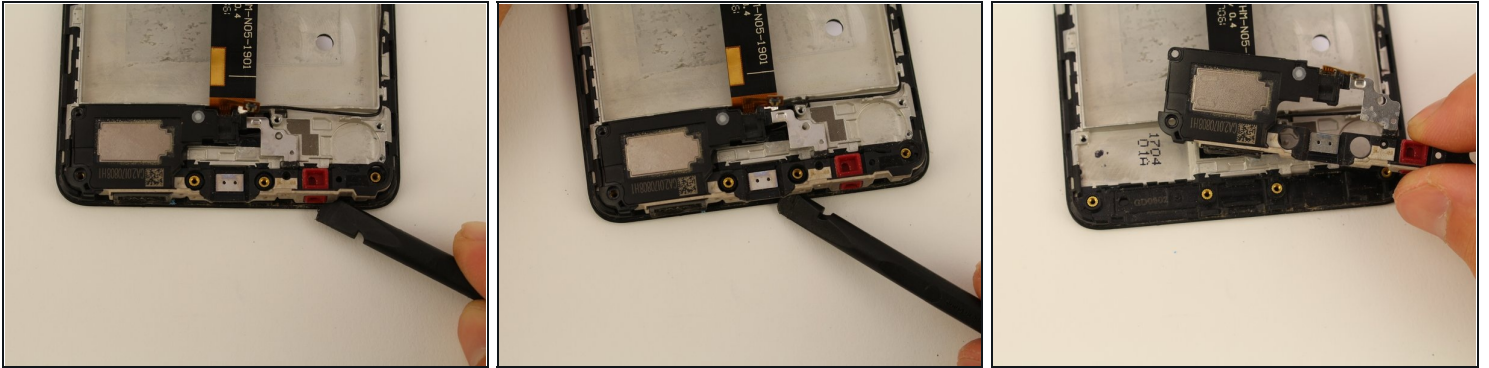
- Snap the two connectors off using a spudger or your finger.

Step 20



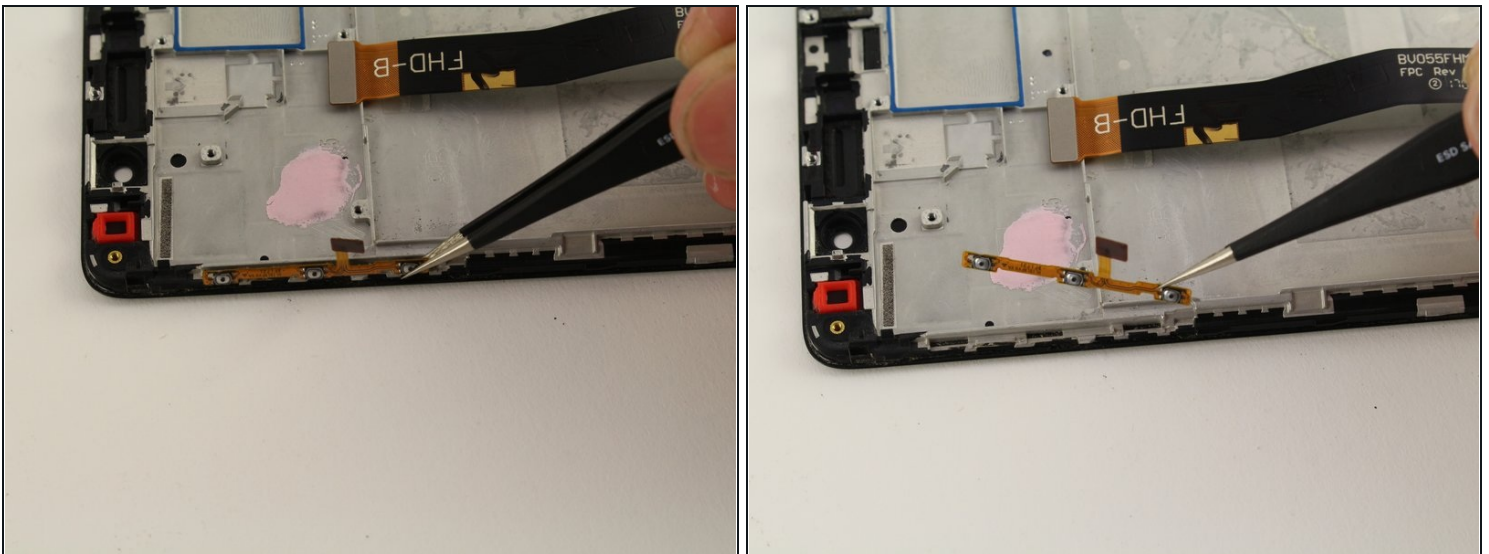
- Pry the micro USB port off of the phone using a spudger.

Step 21



- Pry the speaker and microphone assembly off of the phone by sliding a spudger down along the bottom.

Step 22



- Pull the volume buttons off using tweezers or the end of a spudger.
- ⓘ It may take a bit of wiggling and poking to get through the adhesive.

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