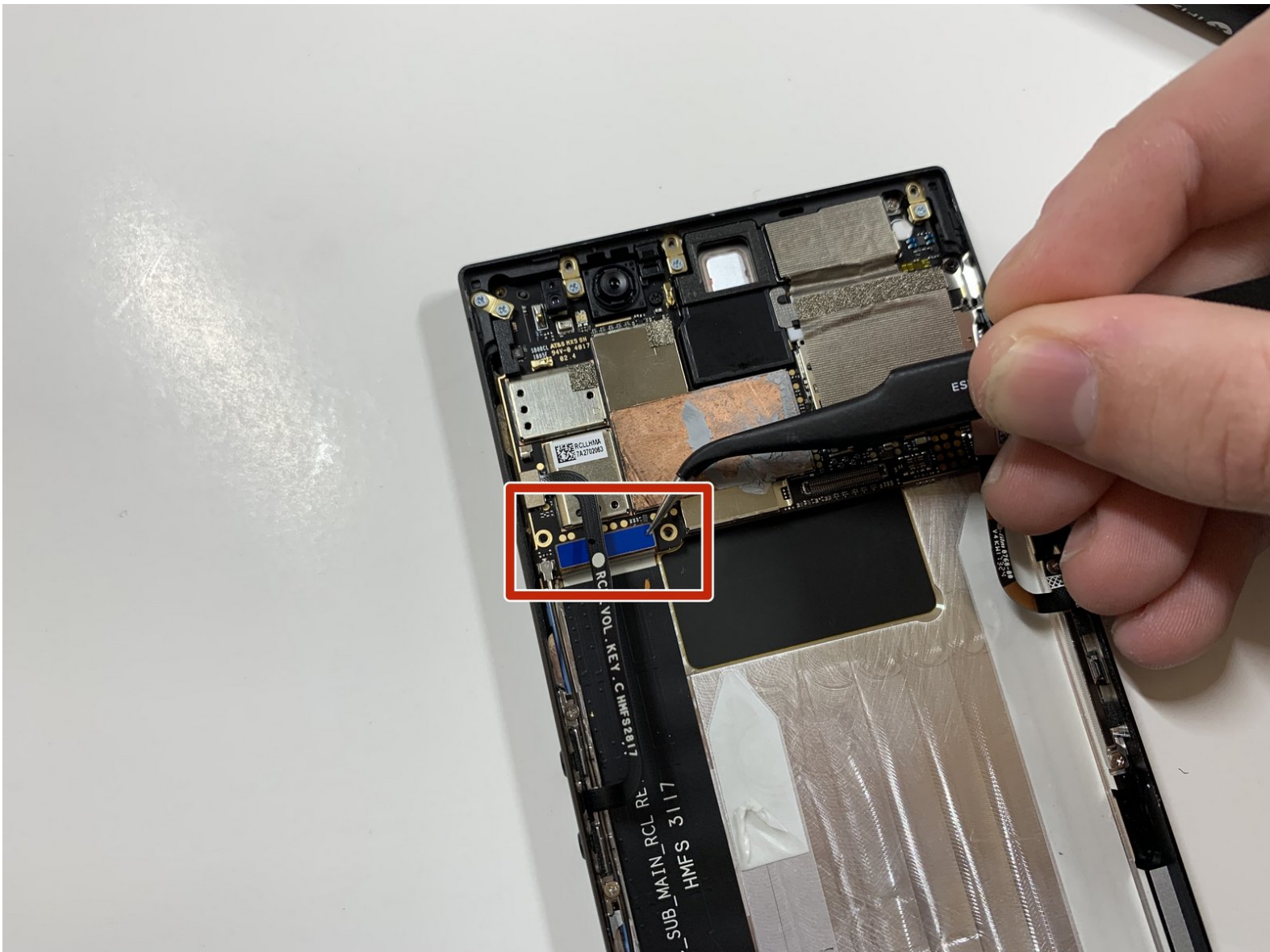




Razer Phone Motherboard Replacement

How to replace the motherboard in the Razer Phone.

Written By: David Todd



INTRODUCTION

Having wireless connection problems with your Razer Phone and you need to replace the motherboard? To replace it follow this guide.



TOOLS:

- [Jimmy](#) (1)
- [Tweezers](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [Metal Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (1)



PARTS:

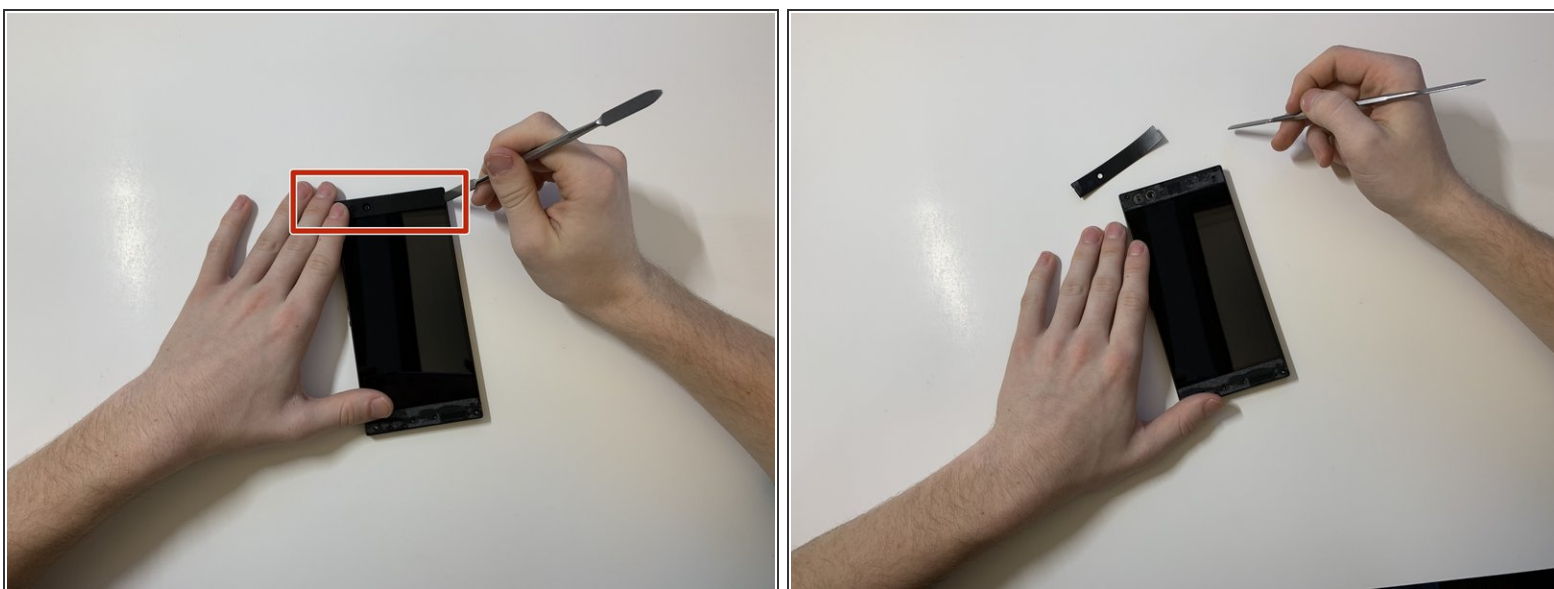
- [No parts required.](#) (1)

Step 1 — Display Assembly



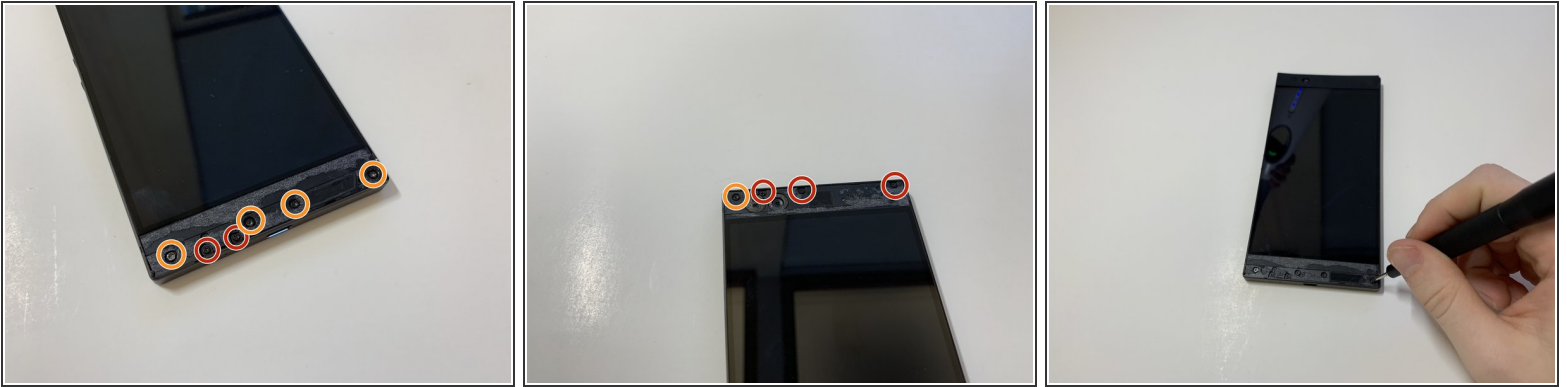
- Remove the plastic speaker grills by using the metal spudger to pry underneath the strips.
- Peel off the plastic speaker grill to reveal the screws.
- ⓘ Heating up the plastic grills make them easier to remove.
- ⚠ Peeling off the plastic speaker grill will ruin the adhesive used to keep it in place. A new adhesive must be used to put the grill back on the device.

Step 2



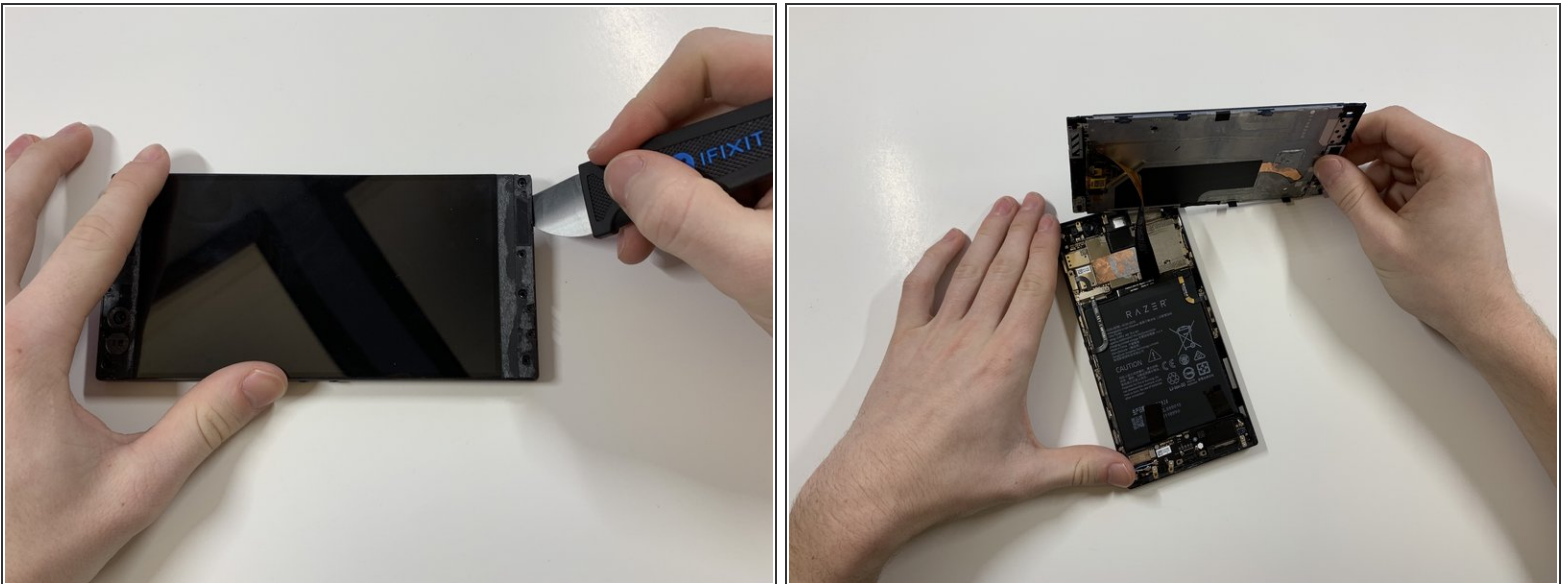
- Pry the top plastic grill off with the metal spudger and reveal the screws.

Step 3



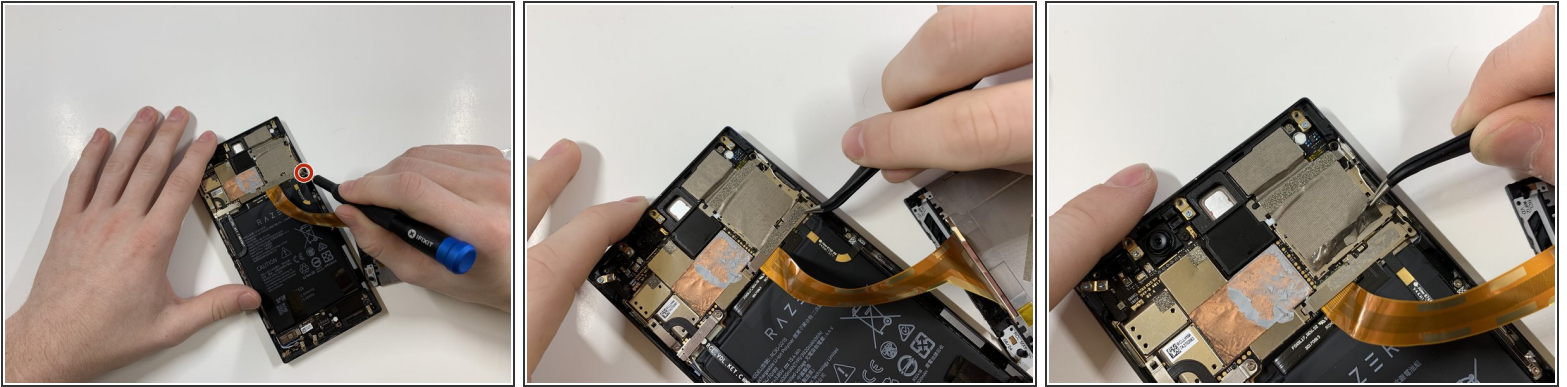
- Remove five (two bottom, three top) 2.5 mm screws with the Phillips #000 screwdriver.
- Remove five (four bottom, one top) 5.5 mm screws with the Torx Head T5 screwdriver.

Step 4



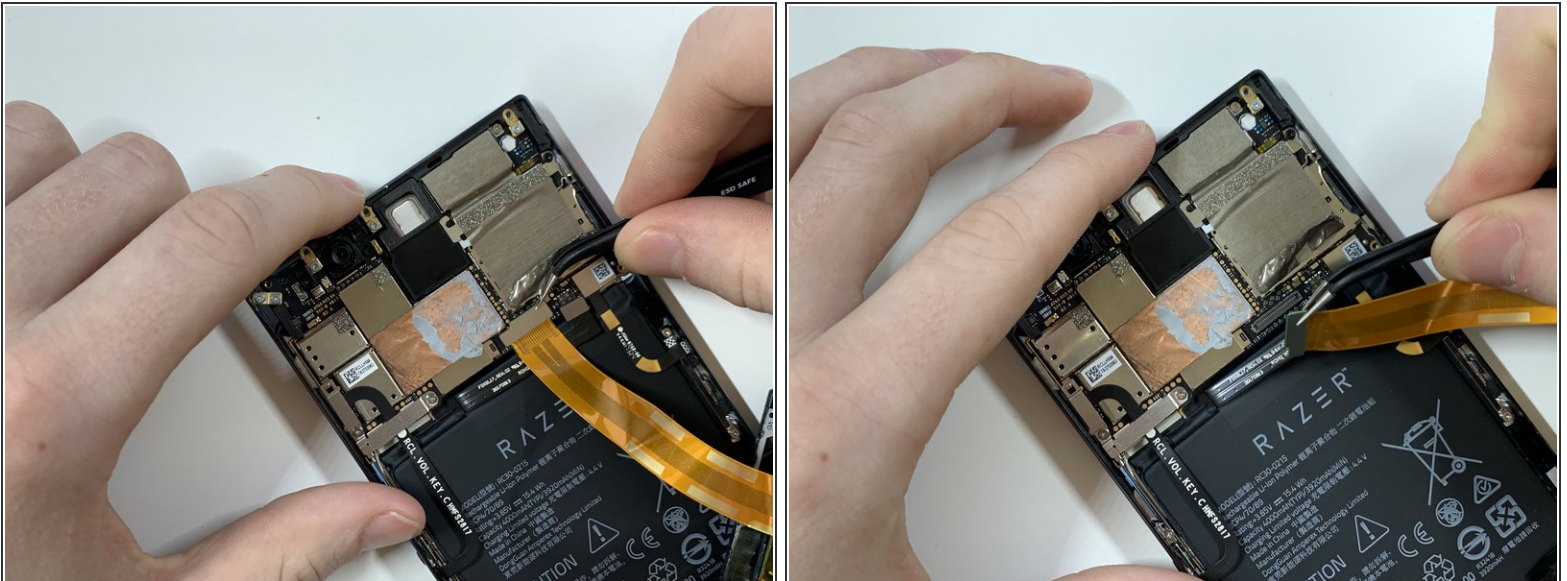
- Remove the display assembly by using the Jimmy to separate the assembly from the phone's frame.
- Lift the display assembly away from the other half of the phone.

Step 5



- Remove one 2.5 mm screw holding down the metal bracket connector using the Phillips #000 screwdriver.
- Peel back the metallic shielding over the connector using tweezers.
- Remove the metal bracket connector.

Step 6



- Grab hold of the the screen ribbon with the tweezers and remove it from the rest of the phone to free the assembly display.

Step 7 — Battery



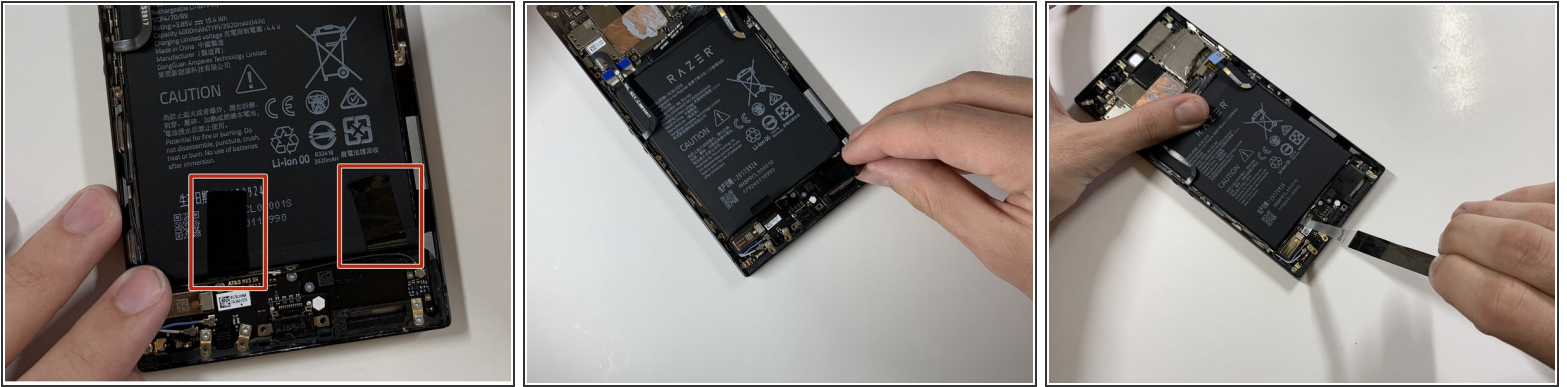
- Grab hold of the connector on the right side of the phone (just above the battery) using the tweezers.
- Remove the connector.

Step 8



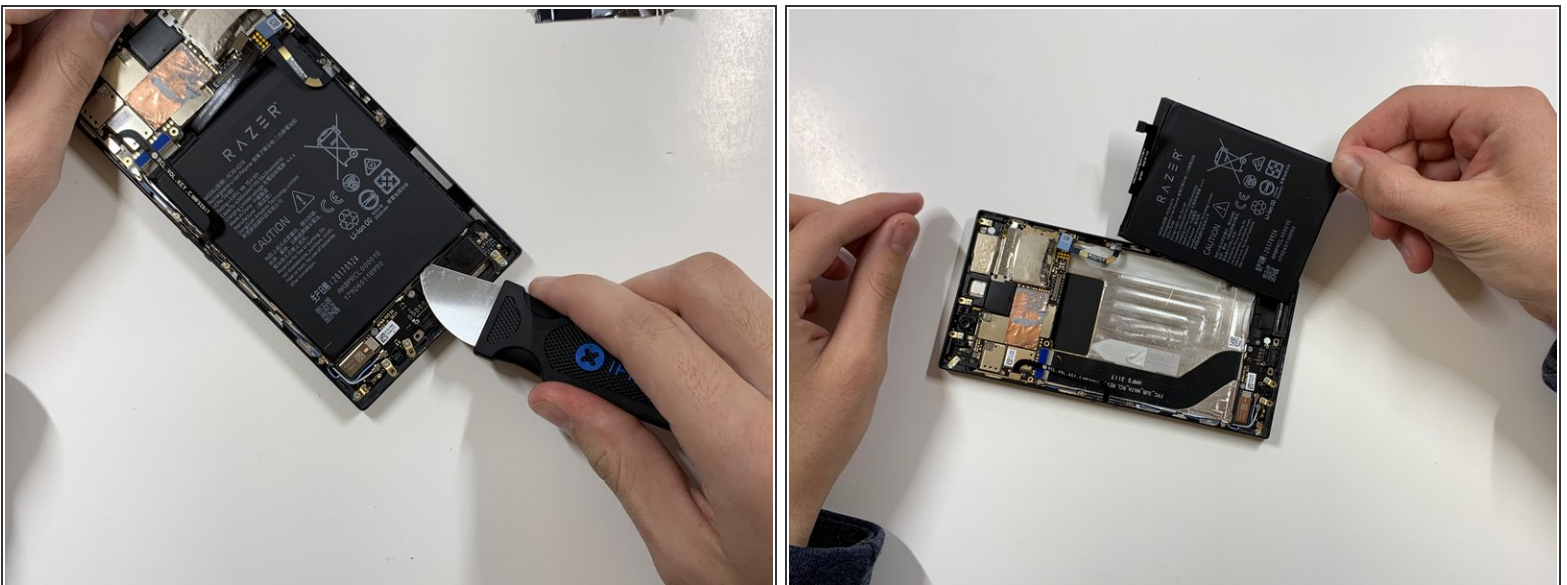
- Remove the 2.5 mm screw holding down the bracket with a Phillips #000 screwdriver.
- Grab the bracket with the tweezers and remove it.

Step 9



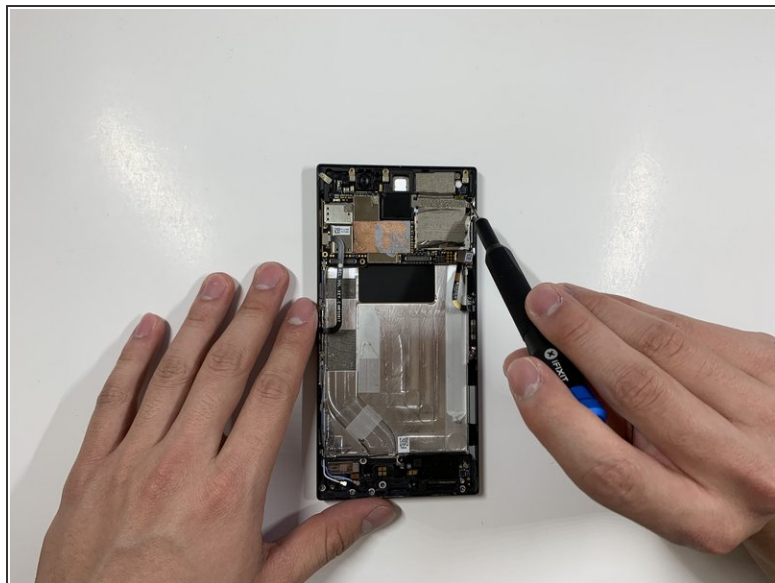
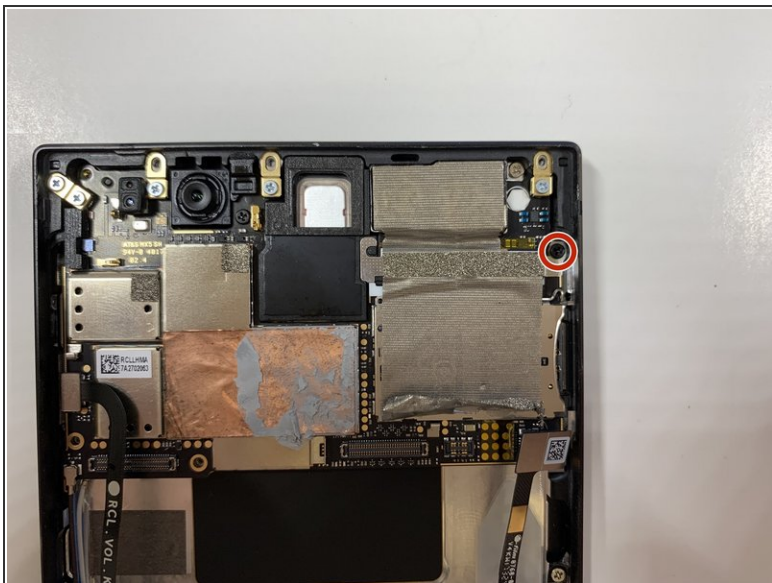
- Peel off and pull out the elastic tabs at the bottom of the battery.

Step 10



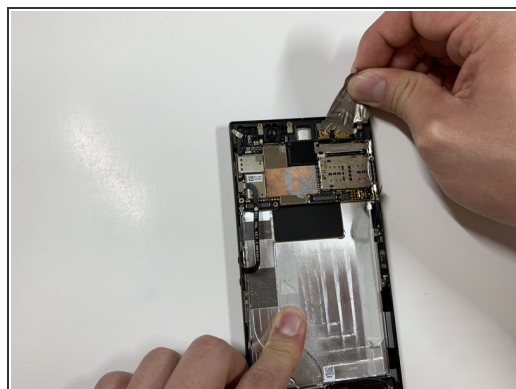
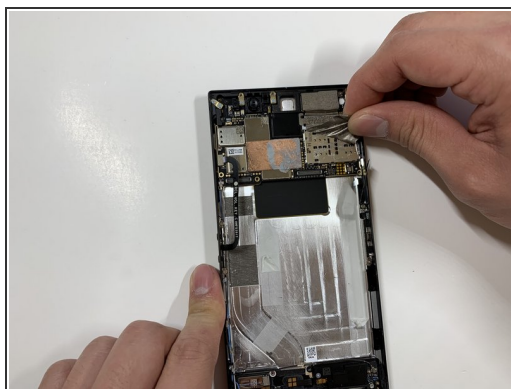
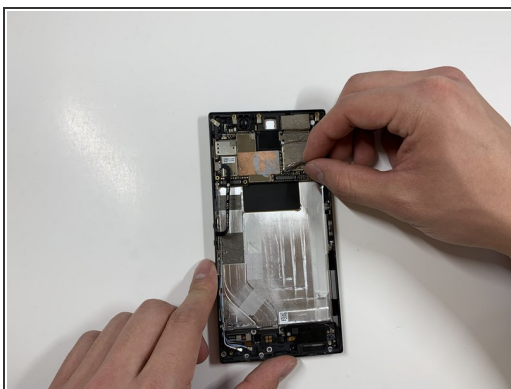
- Carefully use the Jimmy to wedge the battery out of the phone.

Step 11 — Rear Camera



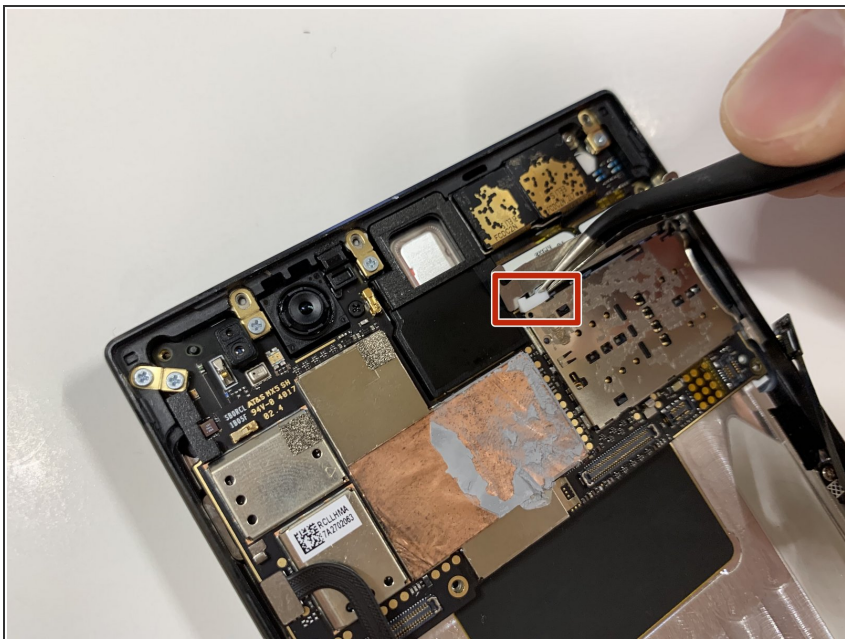
- Remove the one 2.5 mm screw with the Phillips #000 screwdriver.

Step 12



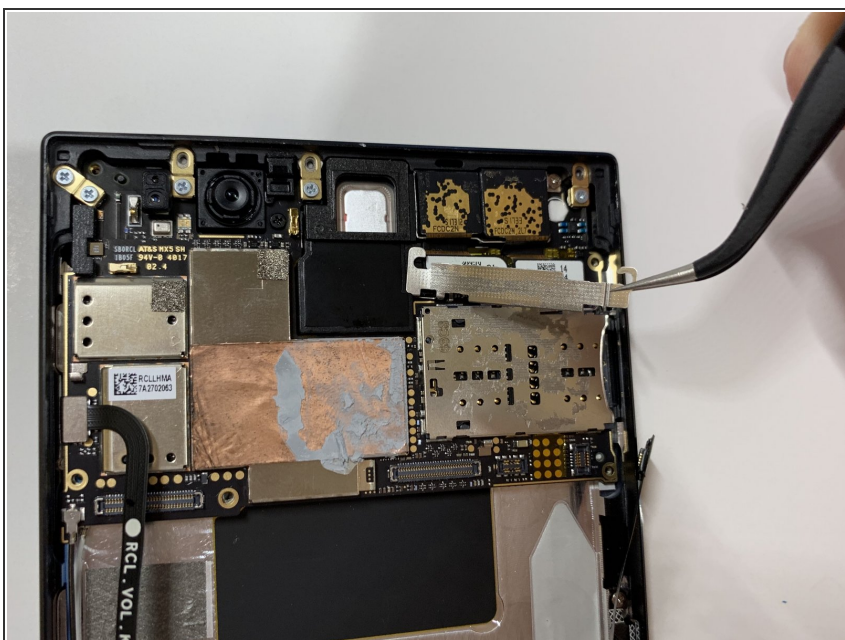
- Remove the protective peel covering the rear cameras using your hands.

Step 13



- Use the tweezers to remove the white tab connector.

Step 14



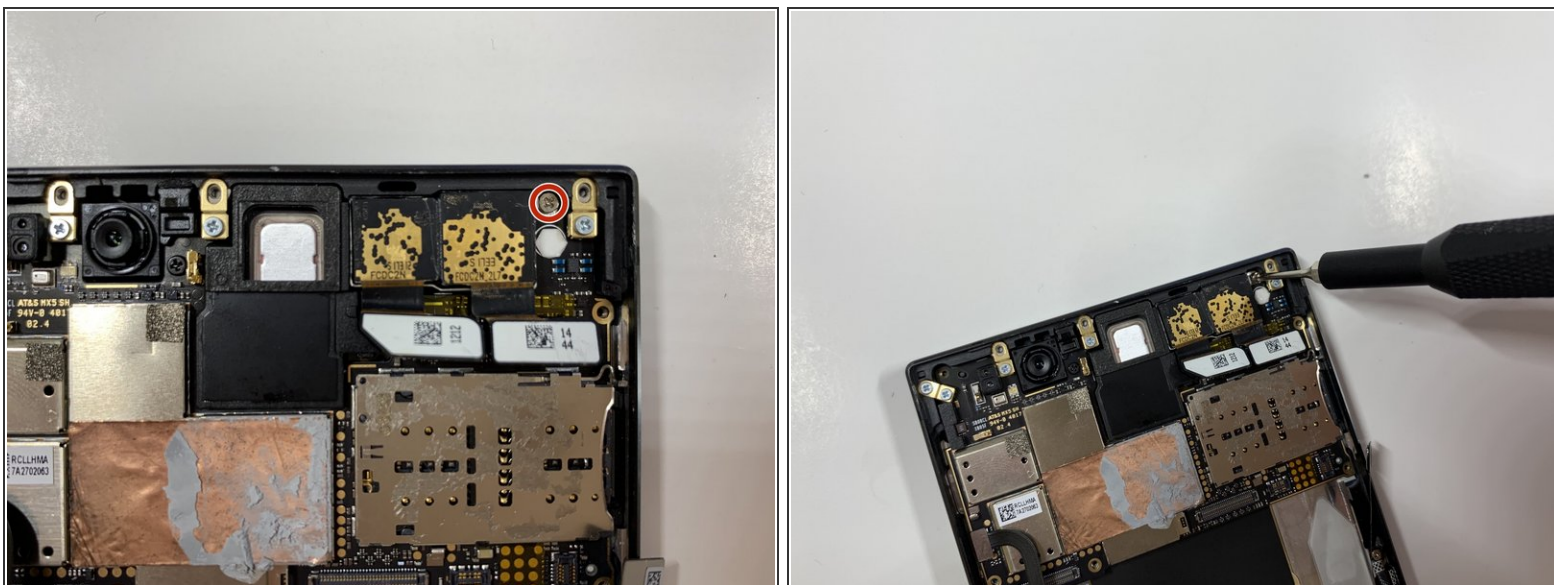
- Grab and remove the metal tab with the tweezers.

Step 15



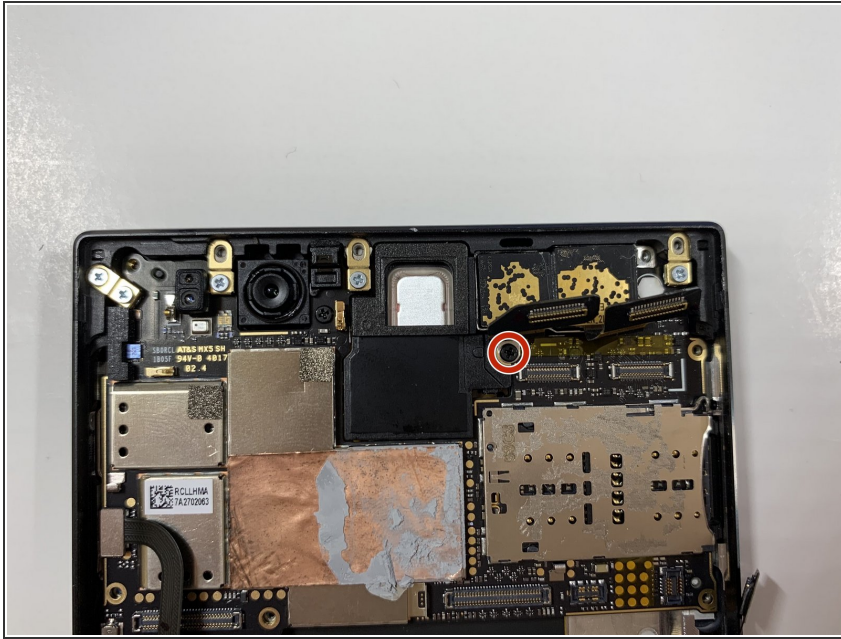
- Grab the connectors with the tweezers and gently lift the connectors loose.

Step 16



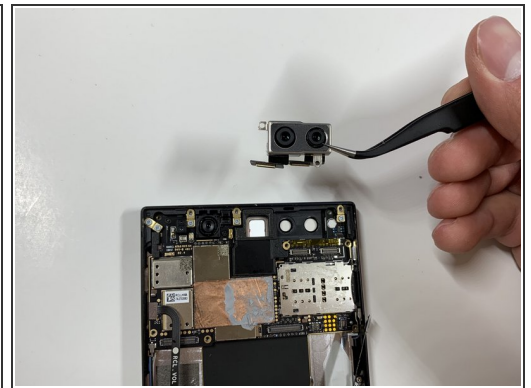
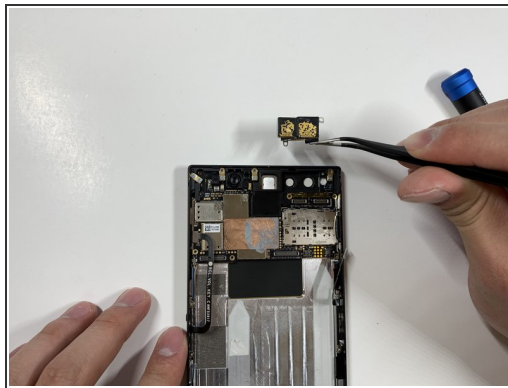
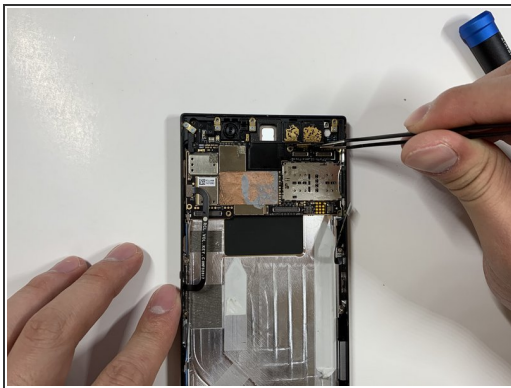
- Remove the one 2.5 mm screw with the Phillips #000 screwdriver.

Step 17



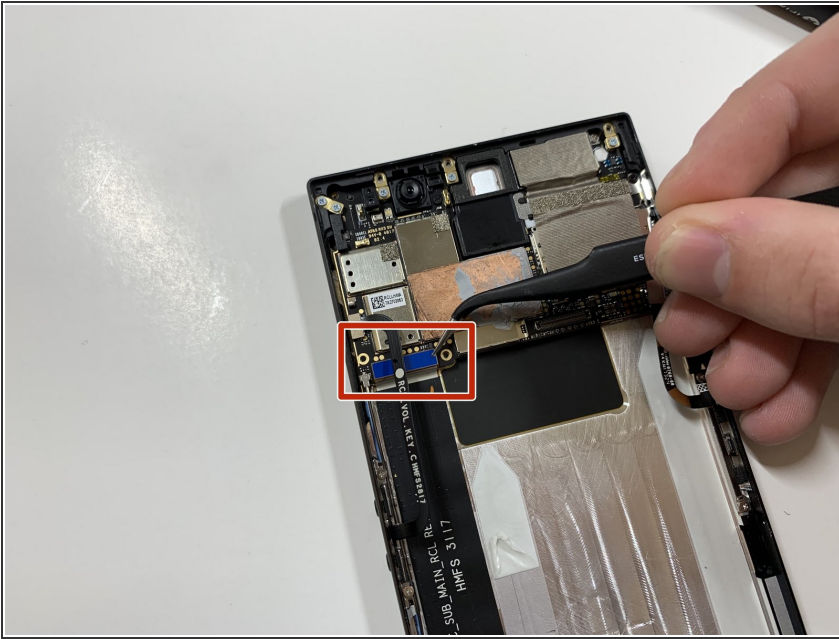
- Remove the one 2.5 mm screw underneath the connectors with the Phillips #000 screwdriver.

Step 18



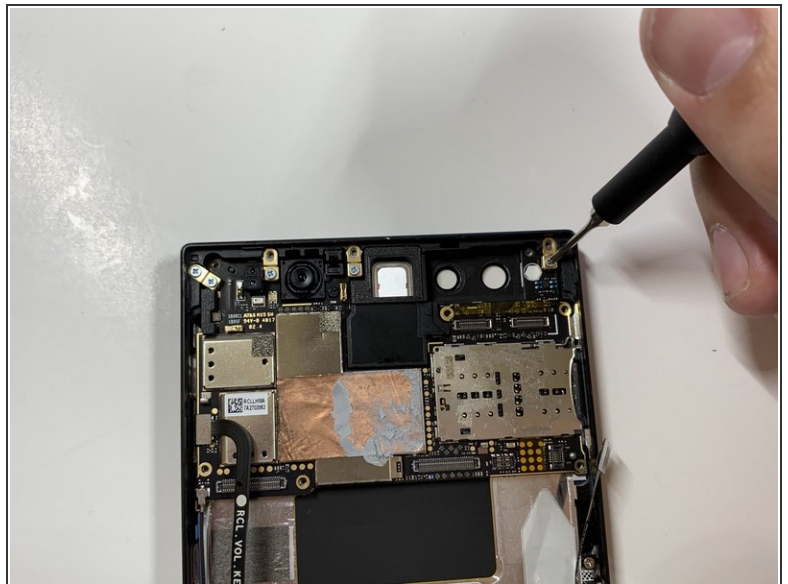
- Grab the loose connectors with a tweezer and gently remove the rear camera unit from the phone.

Step 19 — Motherboard



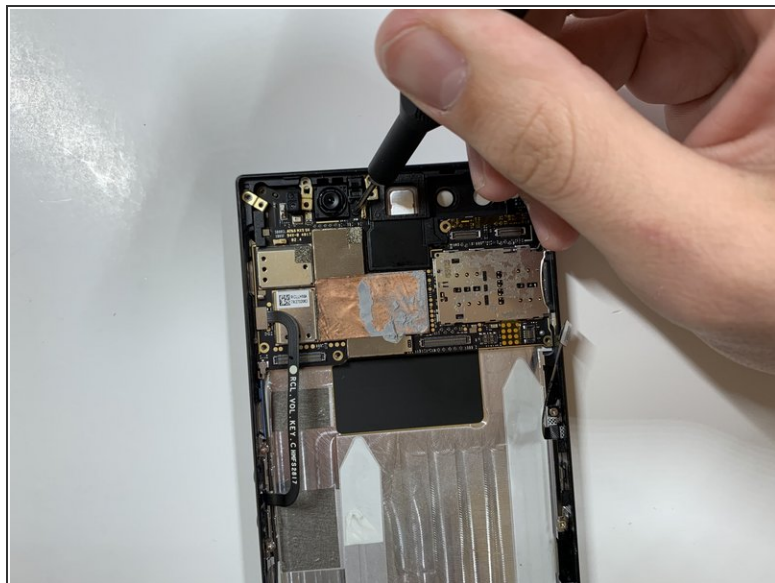
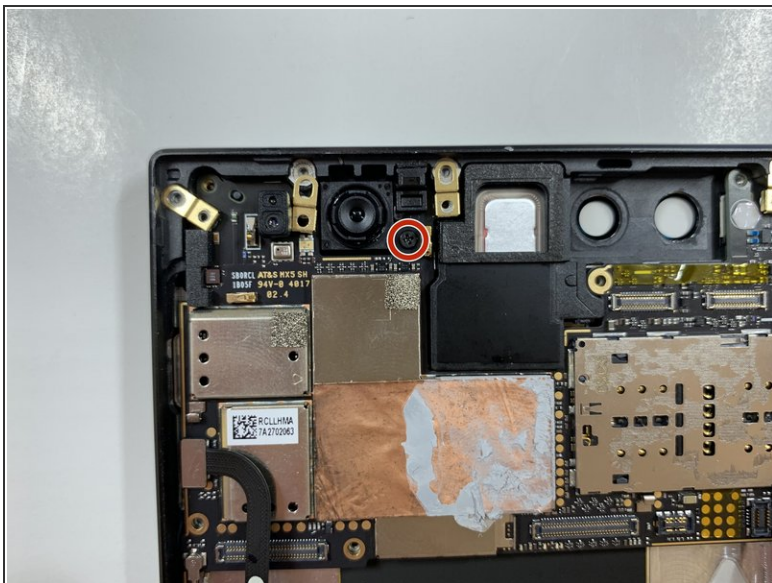
- Grab and remove the blue connector with the tweezers.

Step 20



- Remove the five 1 mm screws holding down the gold antenna line brackets to the motherboard using the Phillips #000 screwdriver.

Step 21



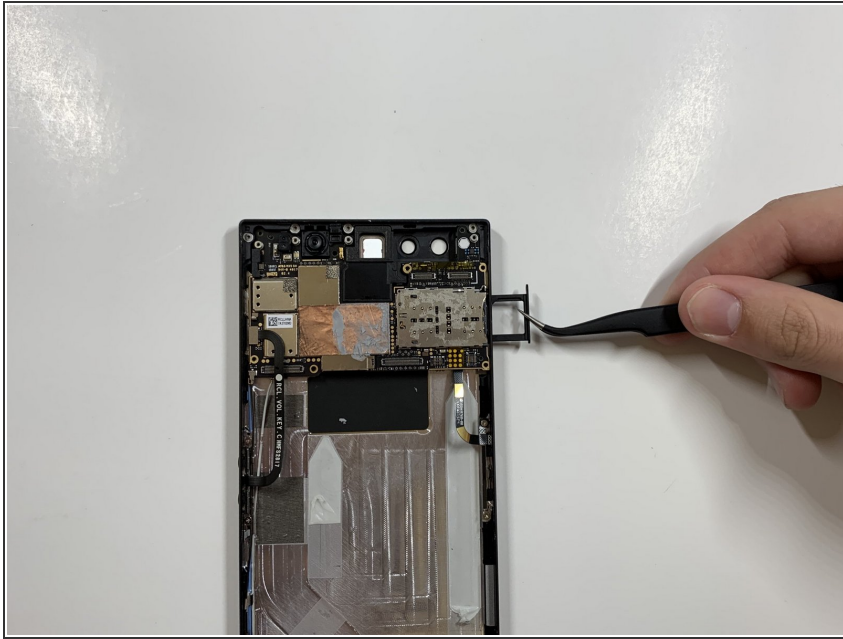
- Remove the 2.5 mm screw next to the front-facing camera with the Phillips #000 screwdriver.

Step 22



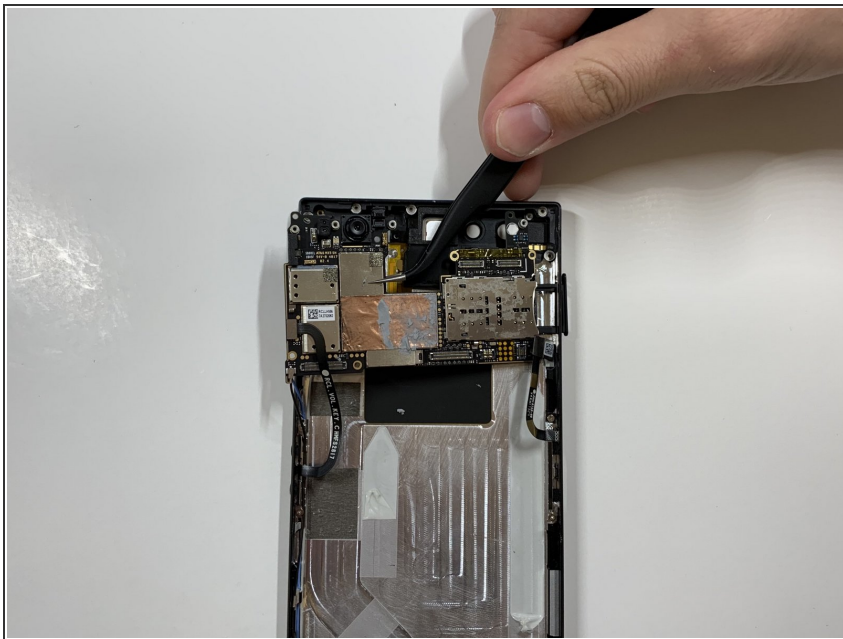
- Remove the four gold antenna line brackets with the tweezers.

Step 23



- Using the tweezers remove the SIM card tray from the body of the phone.

Step 24



- Carefully lift up the motherboard away from the device.

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