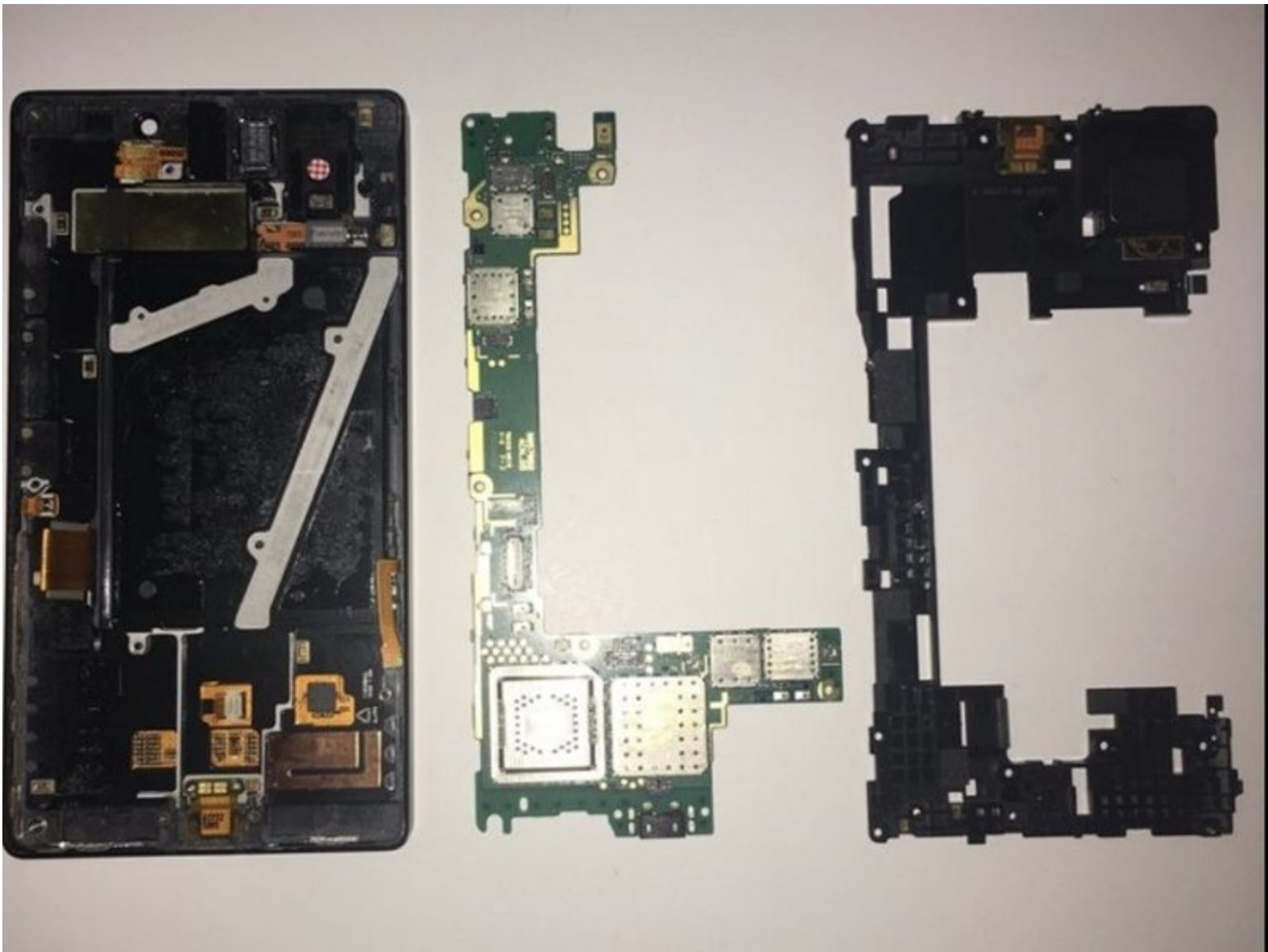




Nokia Lumia 930 Motherboard Replacement

The following guide will provide steps to help the reader remove the motherboard and daughter engine board.

Written By: Josiah Sweatt



INTRODUCTION

This guide will show you how to replace the motherboard on a Nokia Lumia 930 smartphone.



TOOLS:

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

Step 1 — Battery



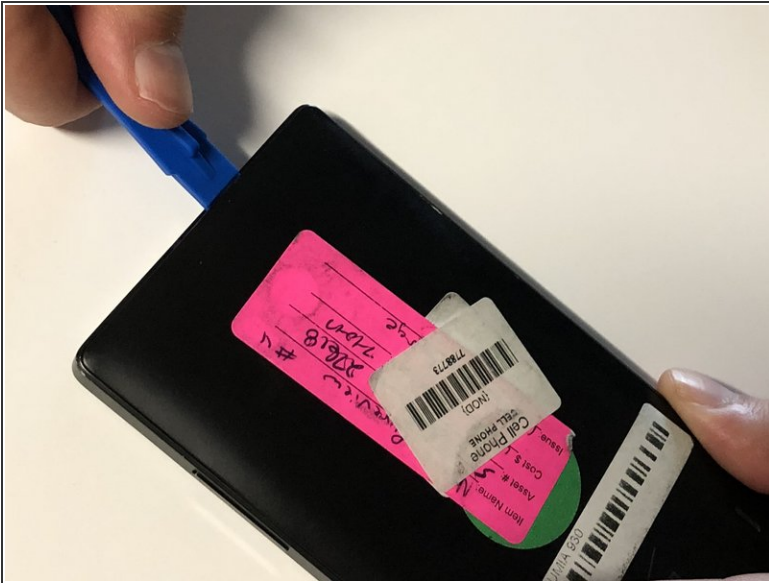
- Pull the sim card holder and the sim card out of the top of the phone using your fingernail.

Step 2



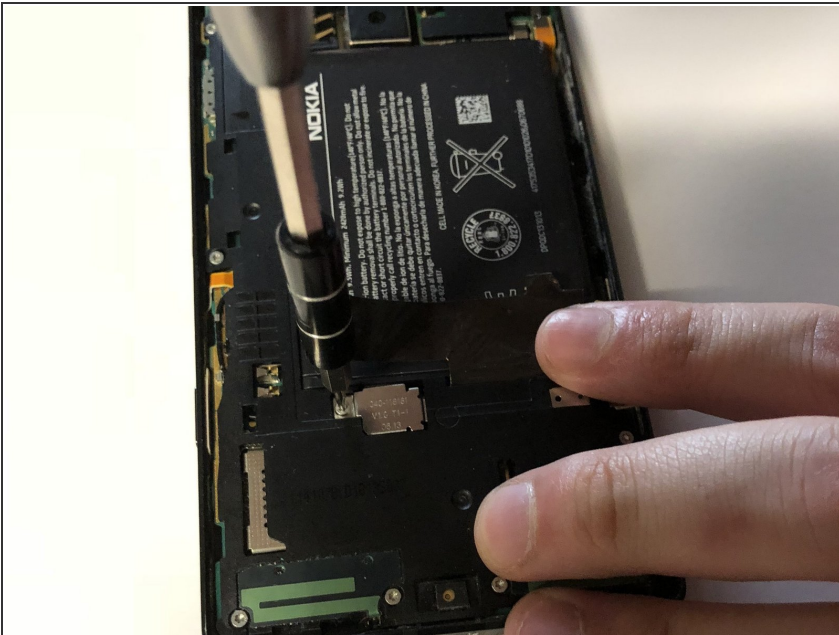
- Place the tweezers in the sim card hole and upwards until the back panel pops out.

Step 3



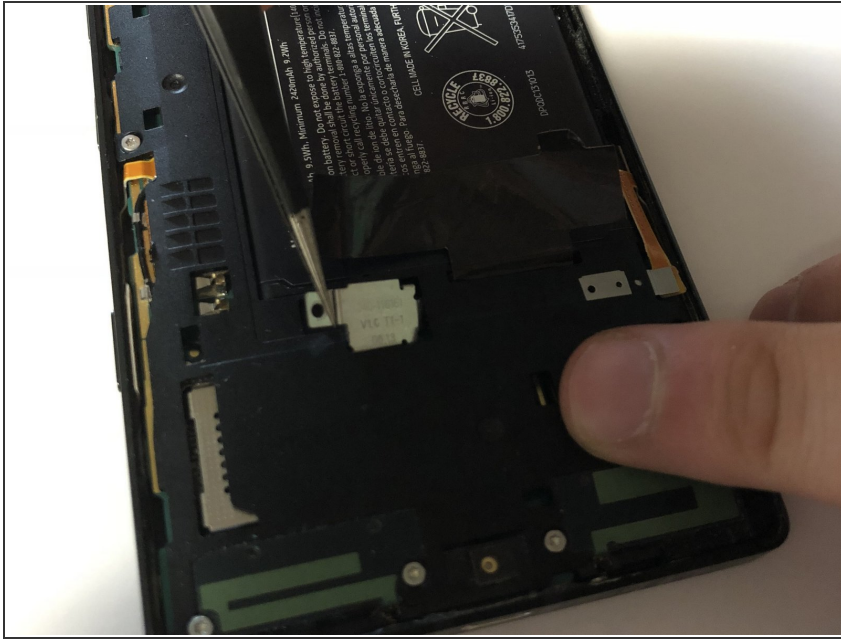
- Wedge a plastic opening tool into the opening made in the previous step. Slide it along the edges to completely remove the back panel from the phone's frame.

Step 4



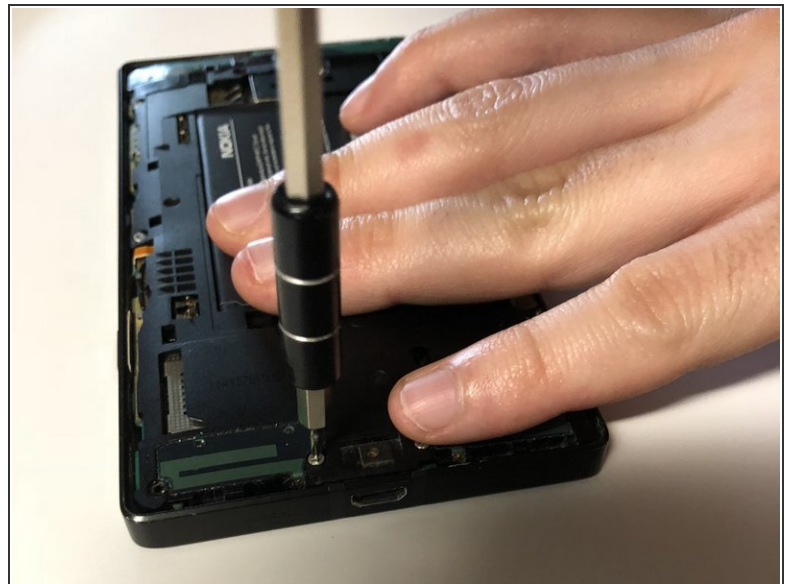
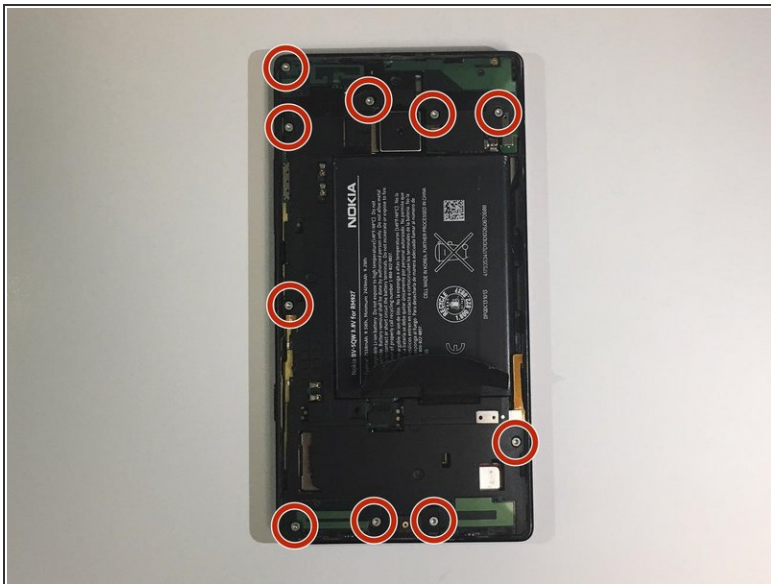
- Remove the single 4mm Torx #4 screw that's securing the battery strap to the phone.

Step 5



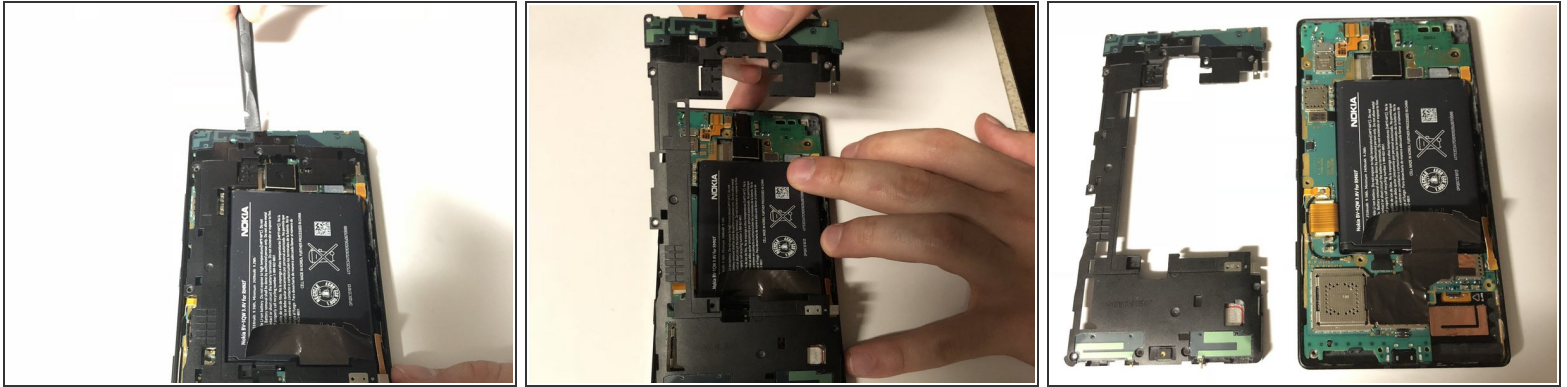
- Use the tweezers to remove the battery connector strap.

Step 6



- Remove the ten 4mm Torx #4 screws that secure the battery cover to the frame of the phone.

Step 7



- Use the flat end of the spudger to pry the battery cover apart from the phone frame.

Step 8



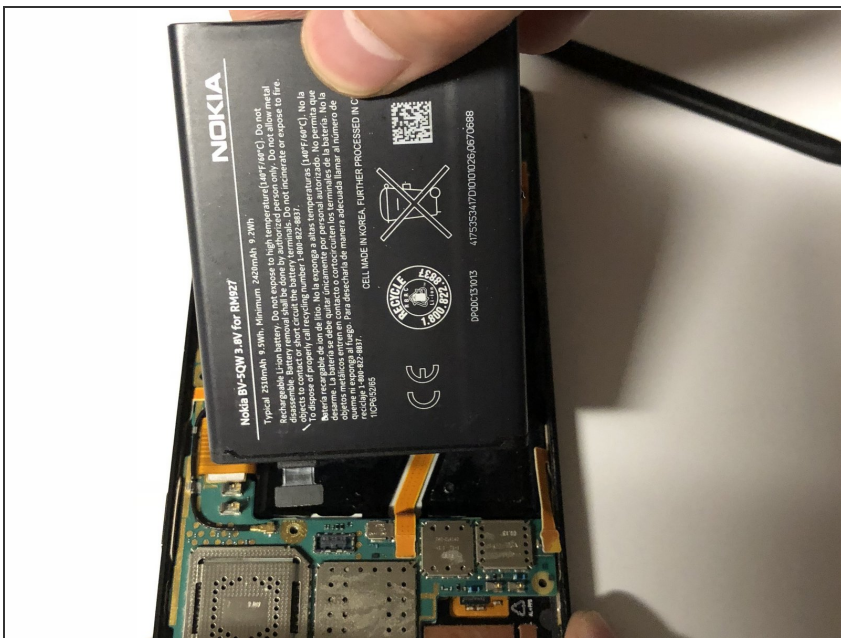
- Pull up on the heat spreader, being careful not to tear it.

Step 9



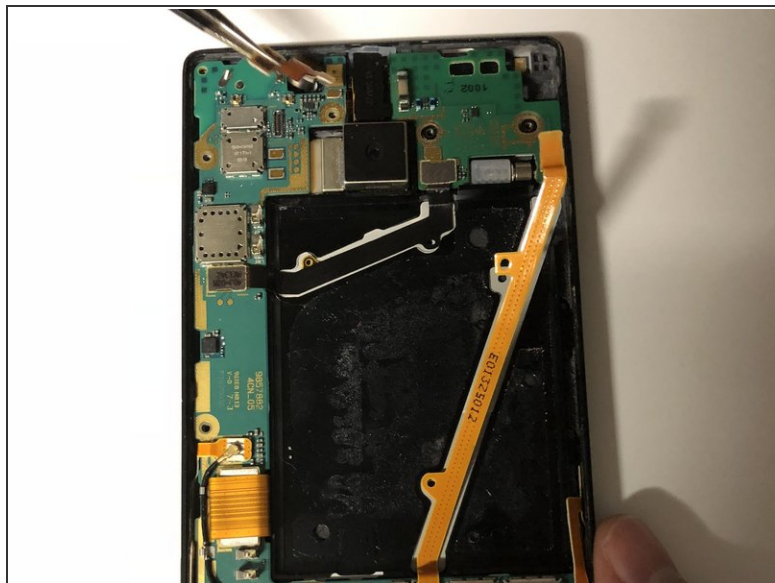
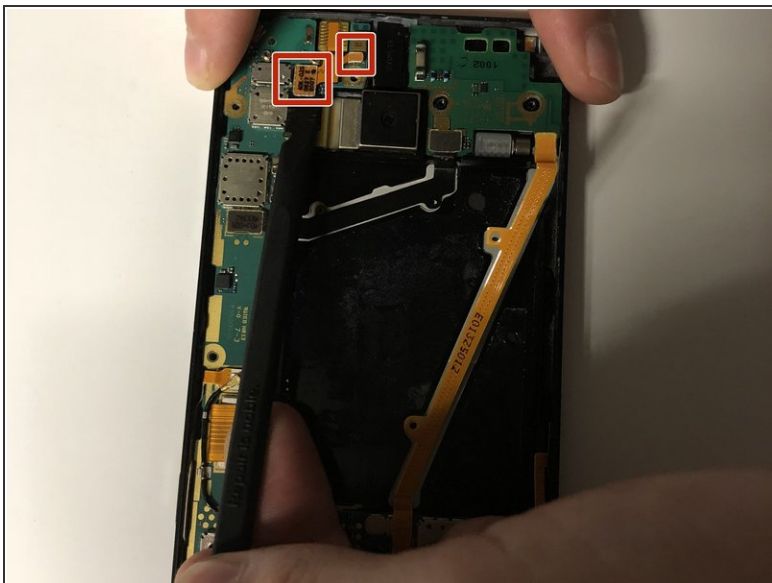
- Use the flat end of the spudger to lift up the battery.
- ⓘ The battery is glued in place so pry carefully to not damage it.
- ⚠ Two flex cables are directly underneath the battery.

Step 10



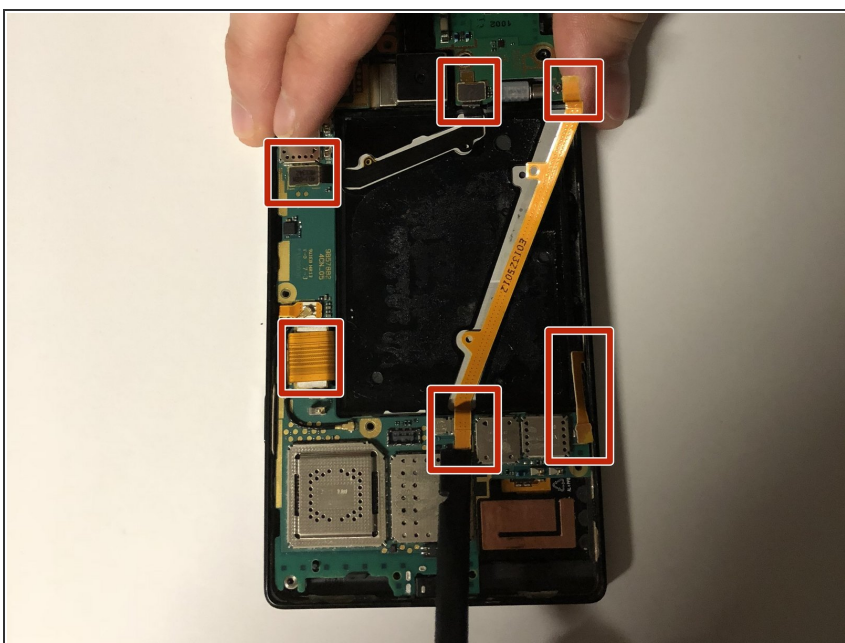
- Pull up to remove the battery from the phone.

Step 11 — Motherboard



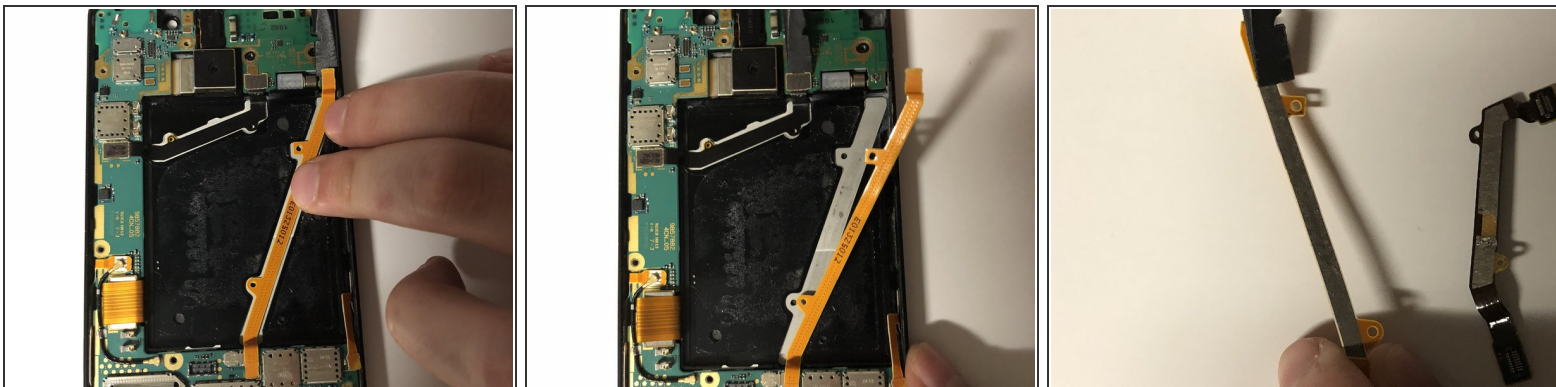
- Use the flat end of a spudger to disconnect the camera connectors.
- Pull the camera up and out to remove it from the phone.

Step 12



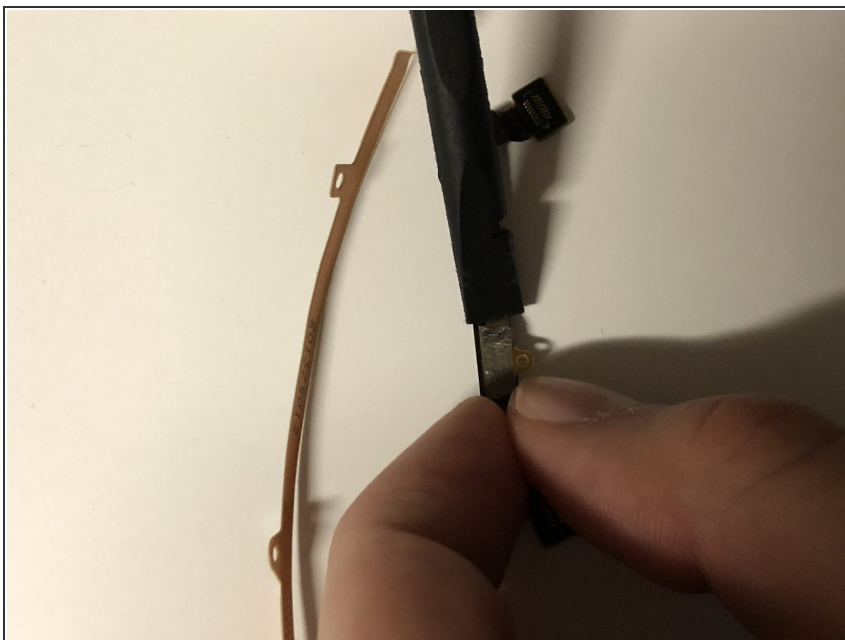
- Use the flat end of a spudger to disconnect the six ribbon cables from the motherboard.

Step 13



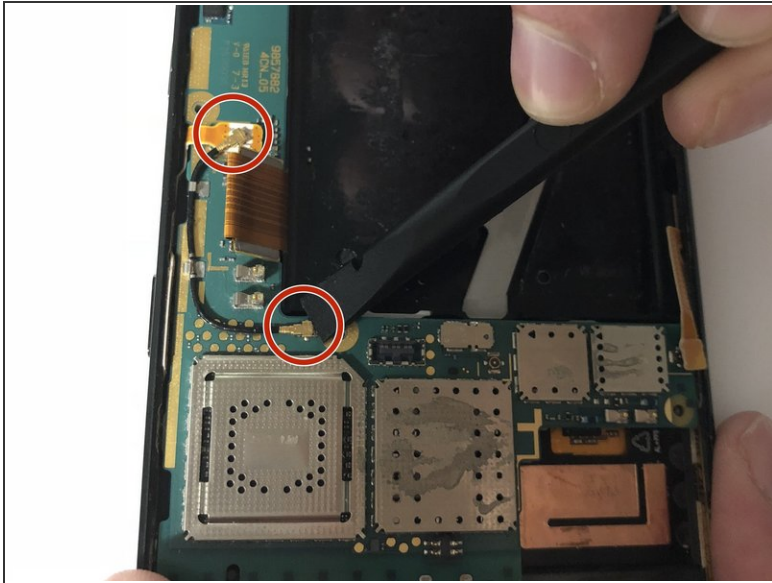
- Take the flat end of a spudger to pry up the orange flex found under the battery.
- Remove the orange flex cable from the phone.

Step 14



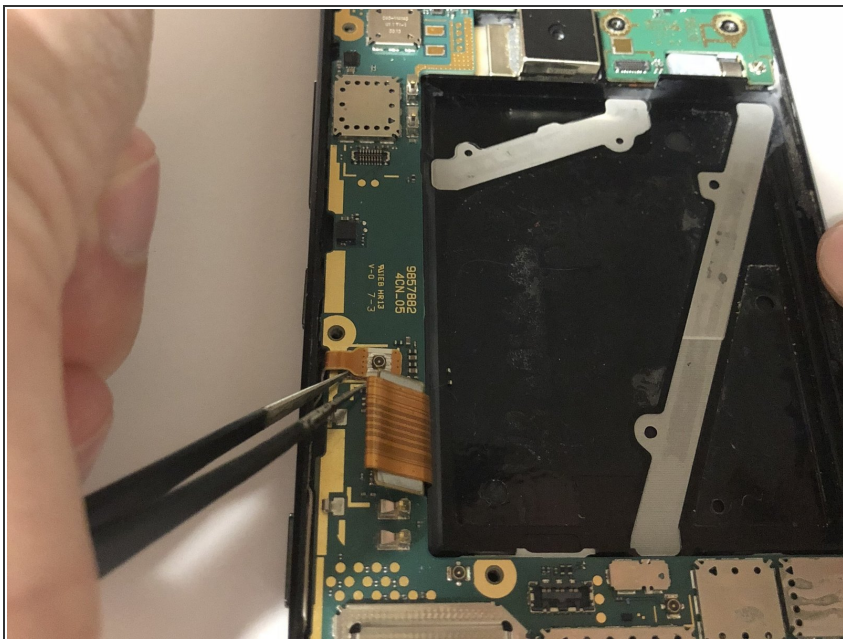
- Do the same as mentioned previously but for the the black Jumper flex that is also found under the batter.

Step 15



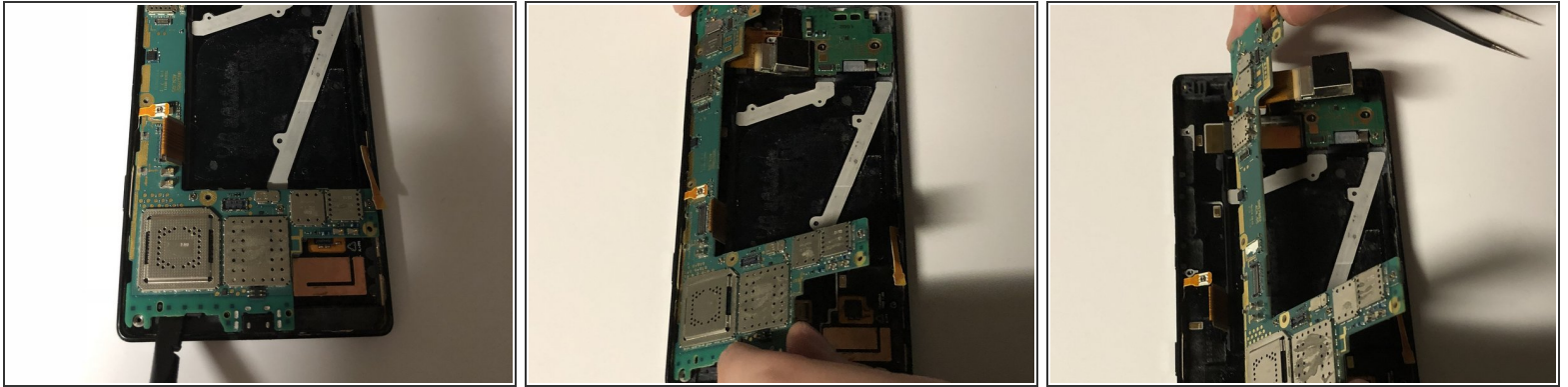
- Use the flat end of a spudger to disconnect the antenna cable from the motherboard.
- Remove the antenna cable.

Step 16



- Grab the LTE adhesive that is under the LTE flex and pull it outwards towards the bottom end of the phone.
- ☑ Apply new adhesive when reassembling the phone.

Step 17



- Use a spudger to pry up the bottom end of the motherboard so you can pull it out.

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