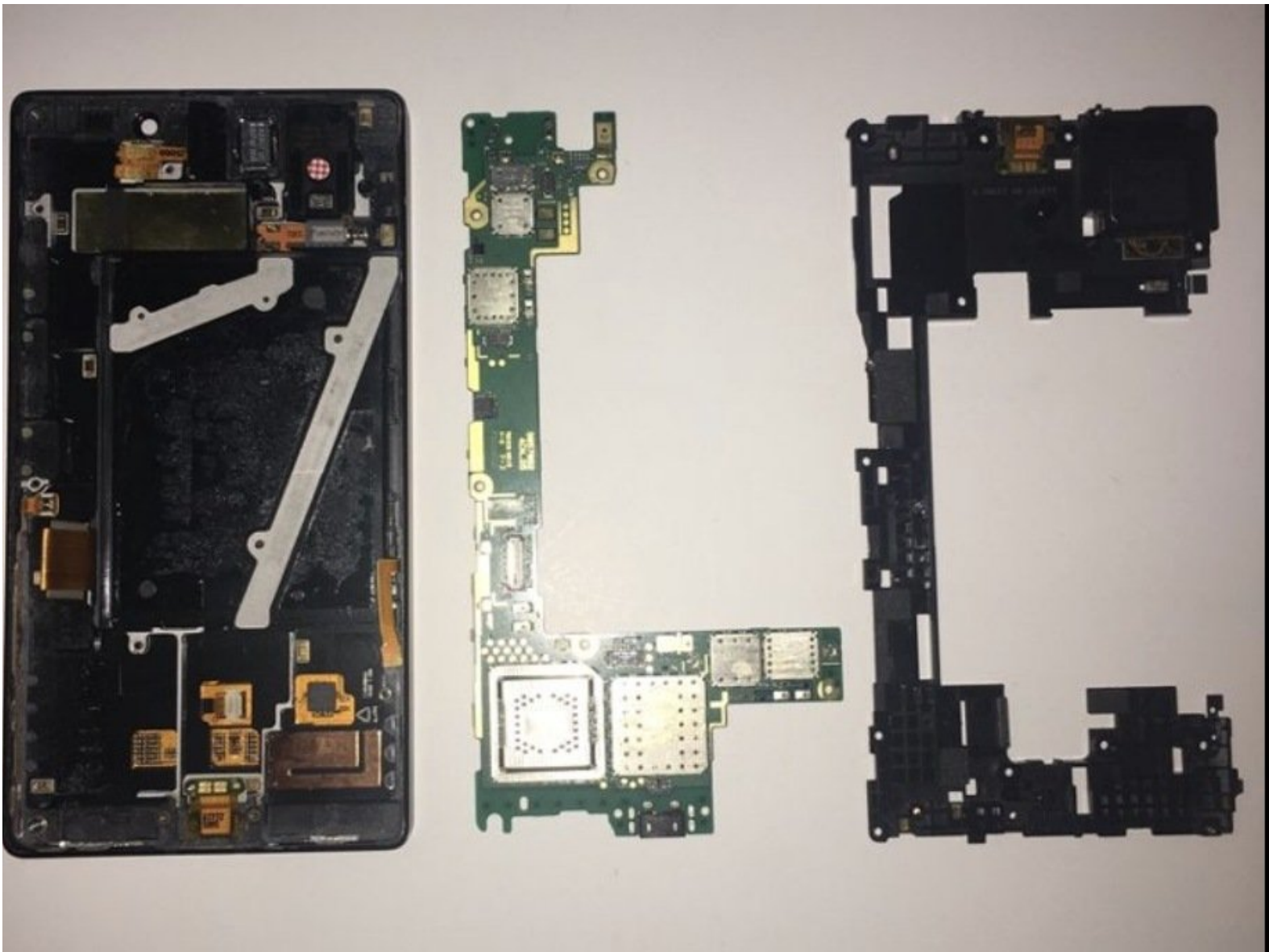




Nokia Lumia 930 Motherboard Replacement

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



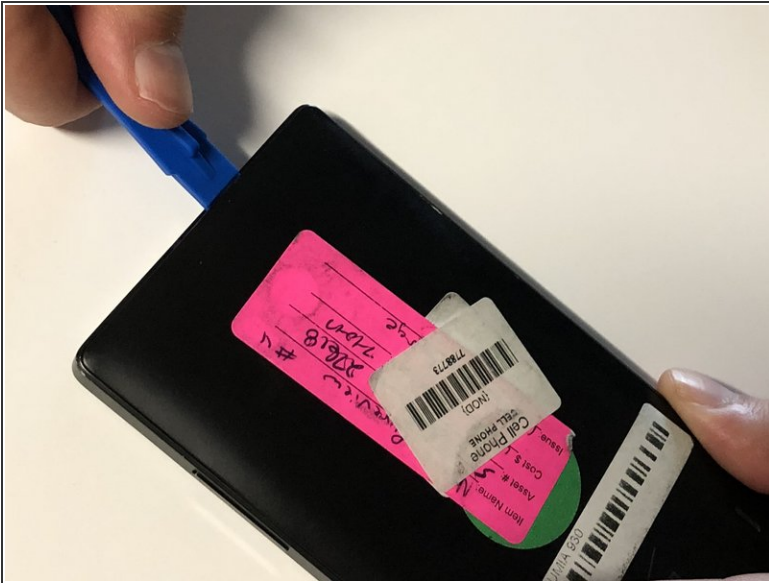
- Pull the SIM card holder out of the top of the phone using your fingernail.

Step 2



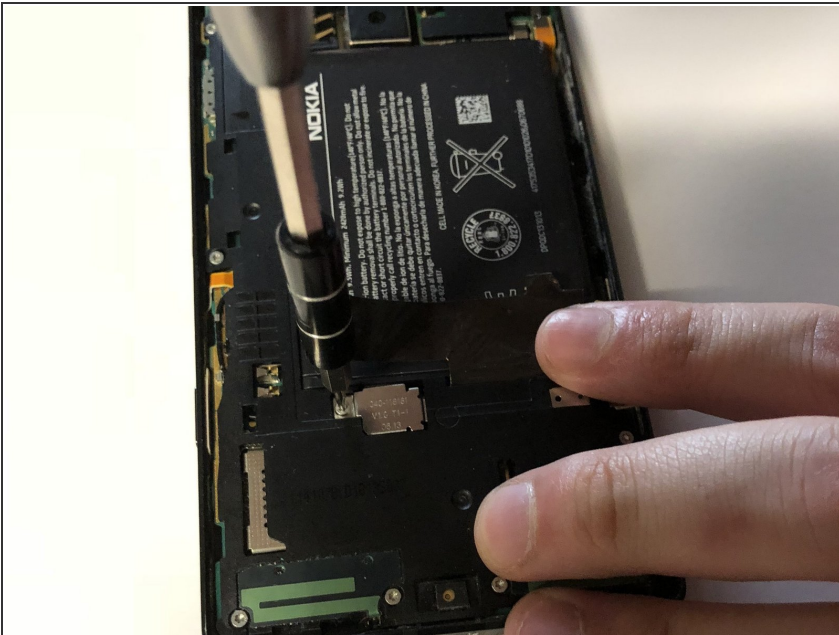
- Place tweezers or an opening tool in the SIM card slot and push upwards until the back panel pops out.

Step 3



- Wedge a plastic opening tool between the two panels. Slide it along each side of the phone to completely remove the back panel.

Step 4



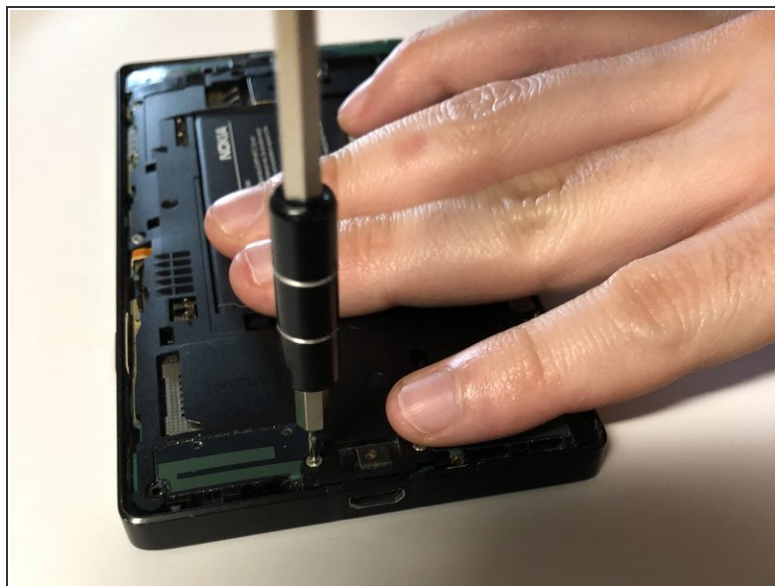
- Remove the 4mm Torx #4 screw that's securing the battery connector.

Step 5



- Use tweezers to remove the battery connector strap.

Step 6



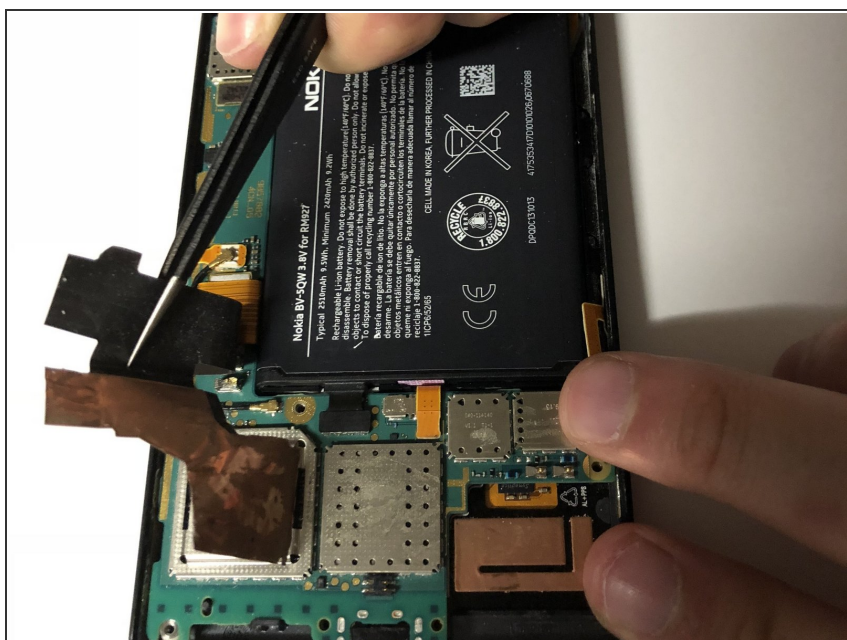
- Remove all ten 4mm Torx #4 screws that secure the battery cover to the frame of the phone.

Step 7



- Use the flat end of a spudger to pry the battery cover from the phone's frame.

Step 8



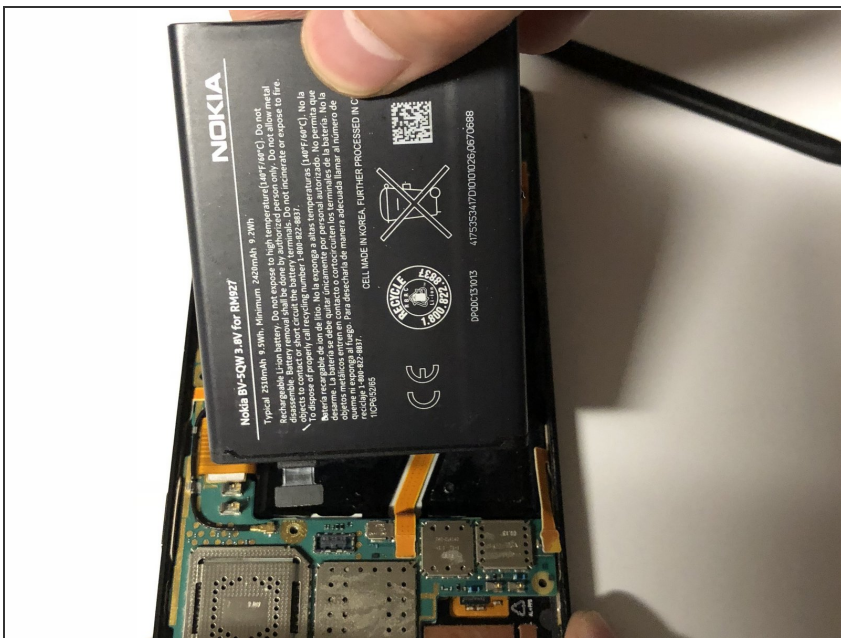
- Pull up on the heat spreader.
ⓘ Be careful not to tear it!

Step 9



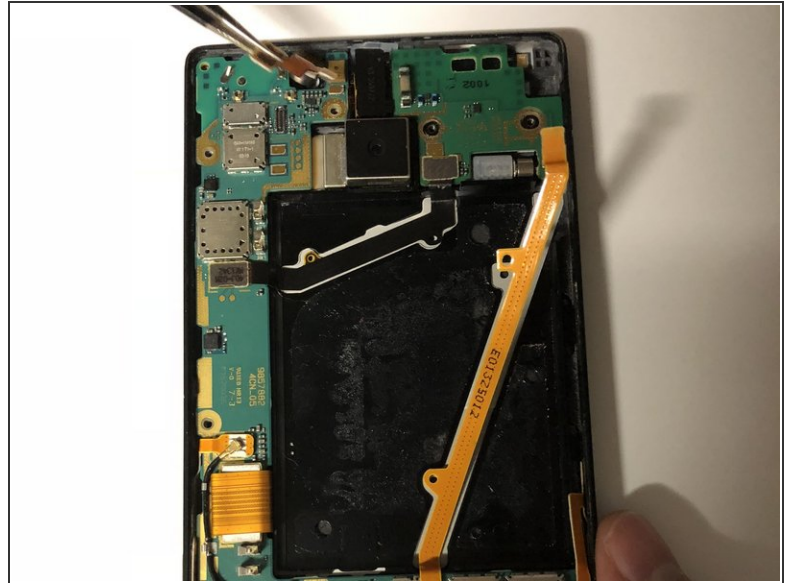
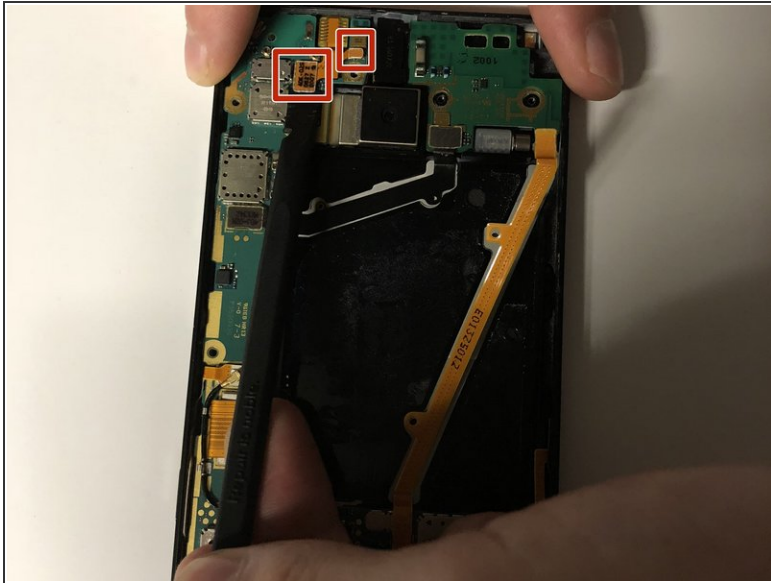
- Use the flat end of the spudger to lift up the battery.
- ⓘ The battery is glued in place. Pry up carefully, not to damage it.
- ⚠ Two flex cables are directly underneath the battery.

Step 10



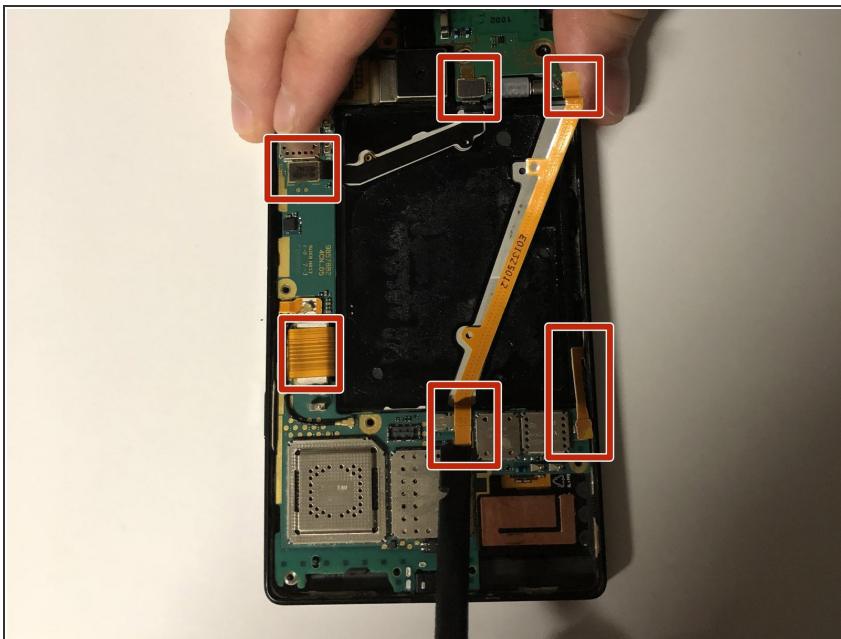
- Remove the battery from the phone.

Step 11 — Motherboard



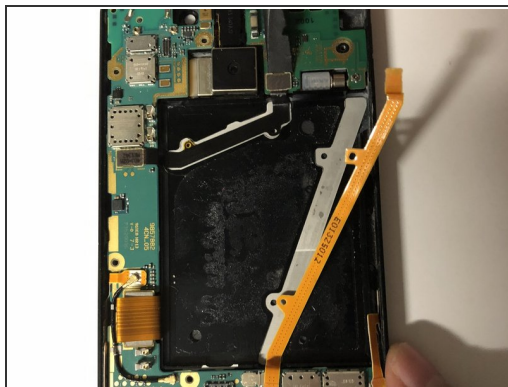
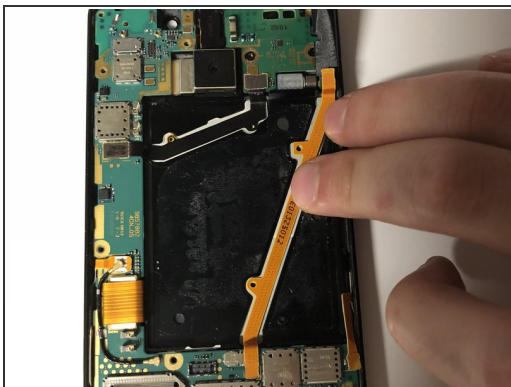
- Use the flat end of a spudger to disconnect the camera connectors.
- Pull the camera up and out to remove it from the phone.

Step 12



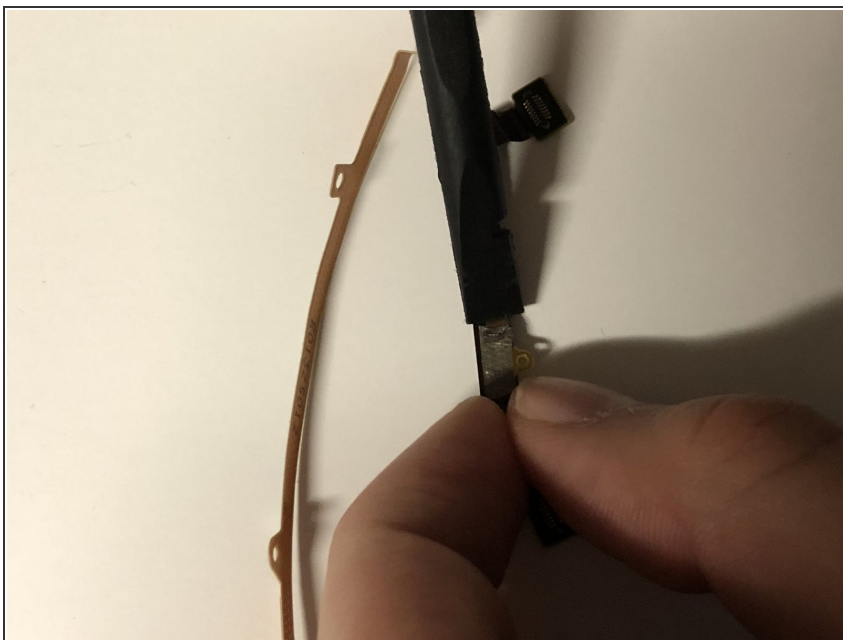
- Use the flat end of a spudger to disconnect the six ribbon cables from the motherboard.

Step 13



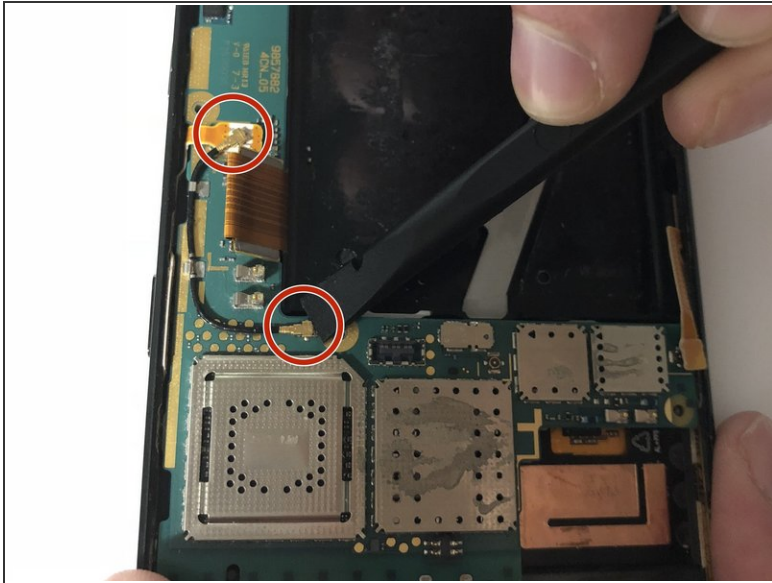
- Use the flat end of a spudger to pry up the orange flex cable underneath the battery.
- Remove the orange flex cable from the phone.

Step 14



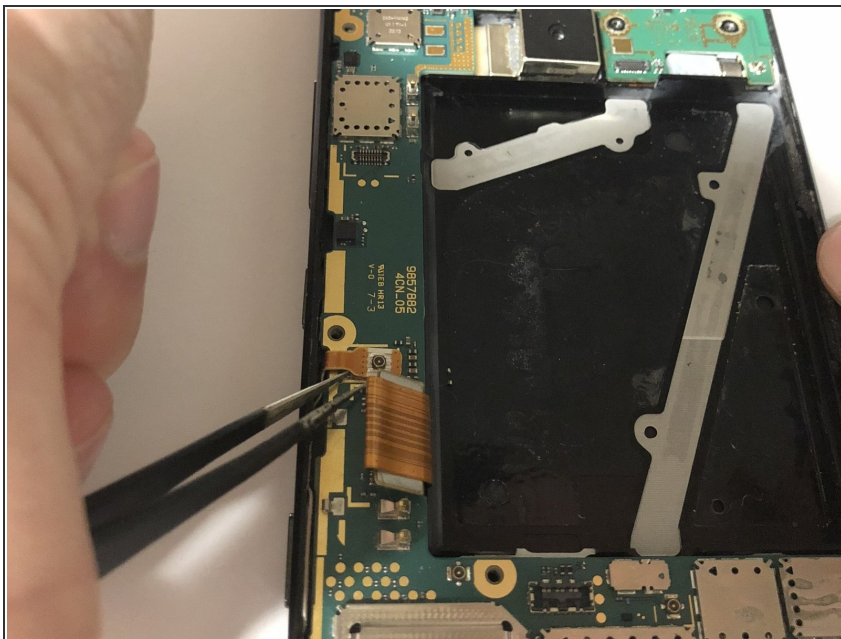
- Repeat the previous step for the black jumper flex cable under the battery.

Step 15



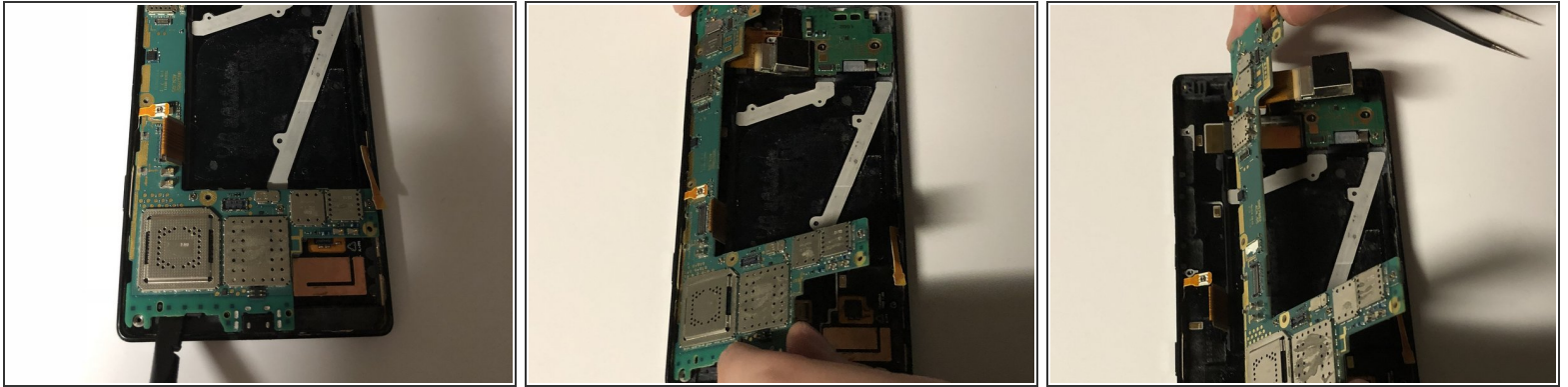
- Use the flat end of a spudger to disconnect both ends of the antenna cable from the motherboard.
- Remove the antenna.

Step 16



- Use tweezers to grab the adhesive that is under the LTE flex cable and pull it outwards and 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, then pull it out.

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