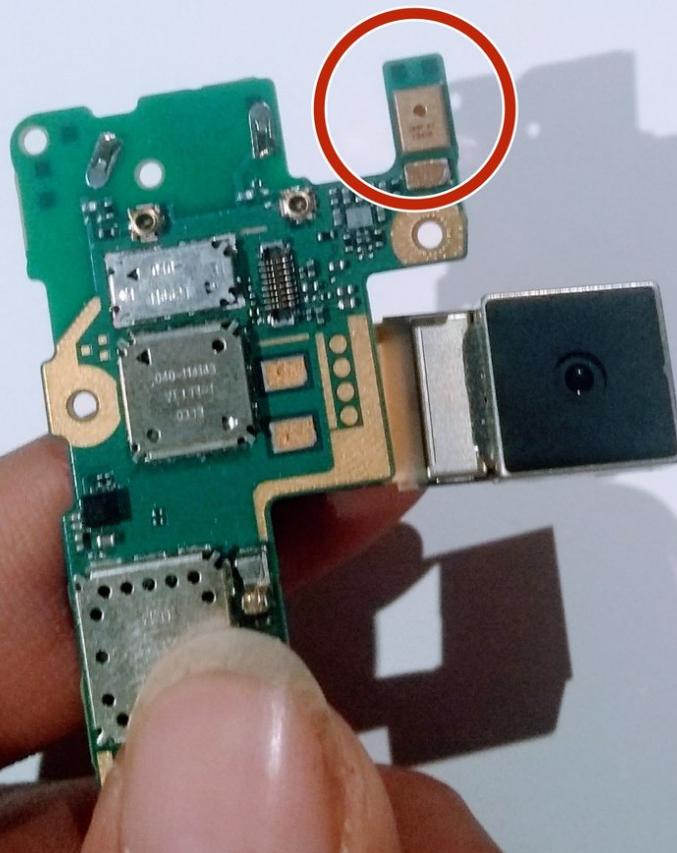




Nokia Lumia 930 Microphone Removal

You will be removing all four microphones. Two are on the phones engine board and the other two are on the engine cover assembly.

Written By: Josiah Sweatt



INTRODUCTION

You will be removing all four microphones on a Nokia Lumia 930. Two are on the phones engine board and the other two are on the engine cover assembly.

TOOLS:

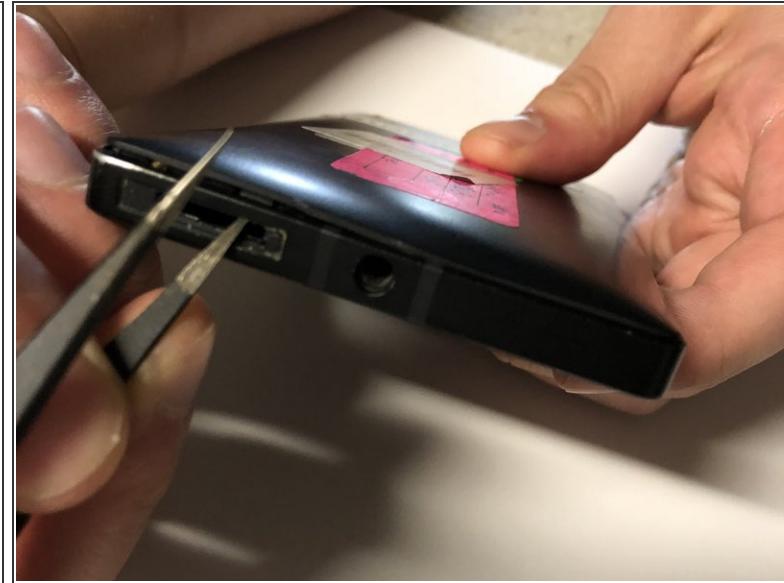
- [Tweezers](#) (1)
- [Spudger](#) (1)
- [iFixit Opening Tools](#) (1)
- [T4 Torx Screwdriver](#) (1)

Step 1 — Battery



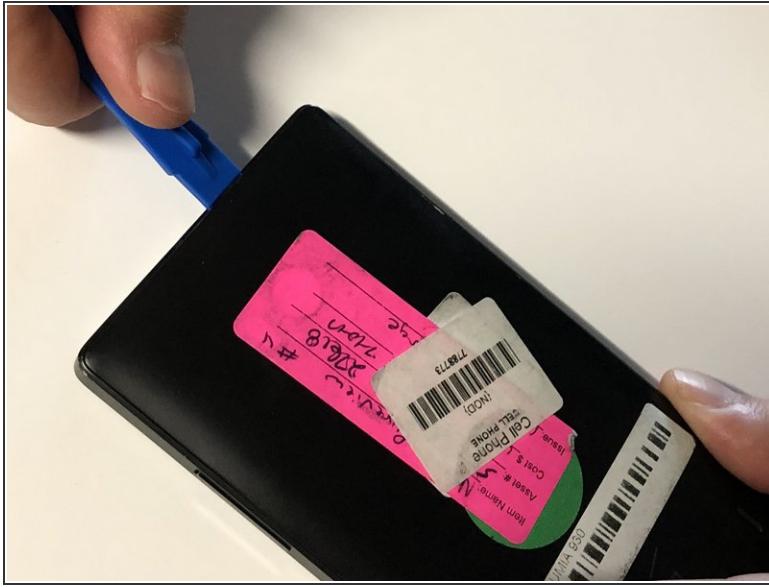
- Pull the sim card holder and the sim card out of the top of the phone using your fingernail.

Step 2



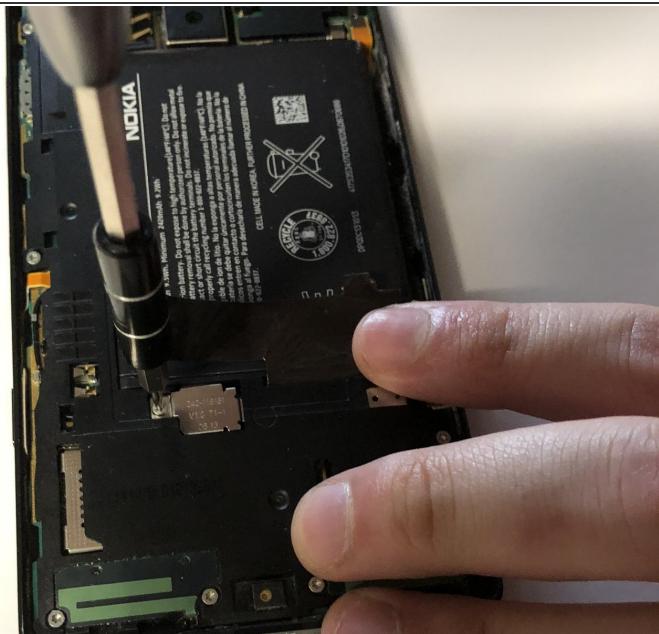
- Place the tweezers in the sim card hole and upwards until the back panel pops out.

Step 3



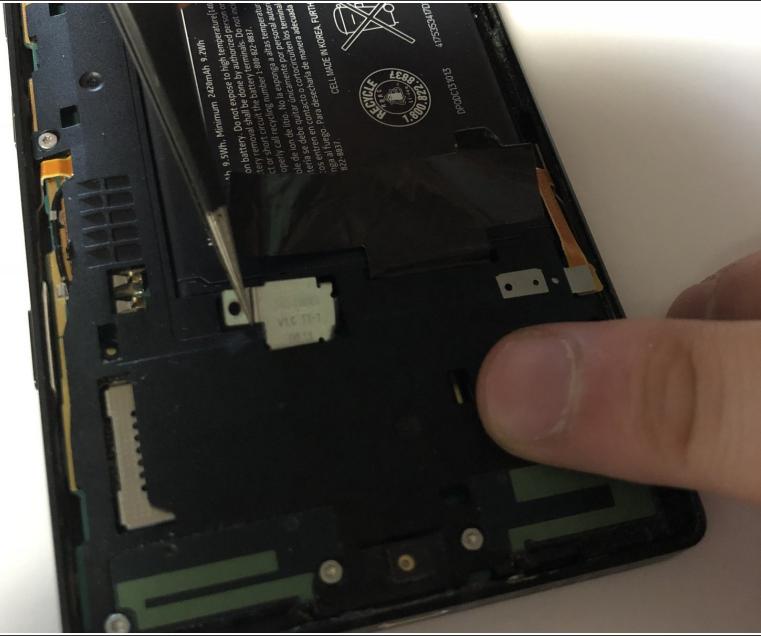
- Wedge a plastic opening tool into the opening made in the previous step. Slide it along the edges to completely remove the back panel from the phone's frame.

Step 4



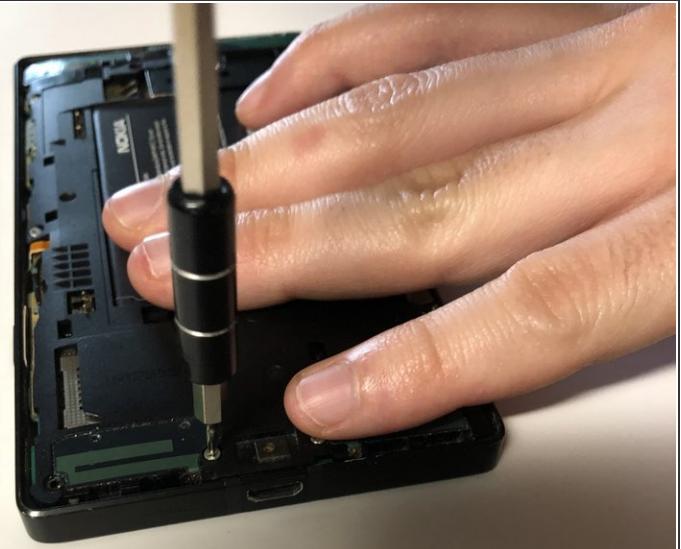
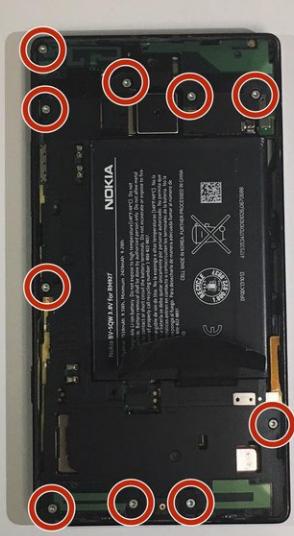
- Remove the single 4mm Torx #4 screw that's securing the battery strap to the phone.

Step 5



- Use the tweezers to remove the battery connector strap.

Step 6



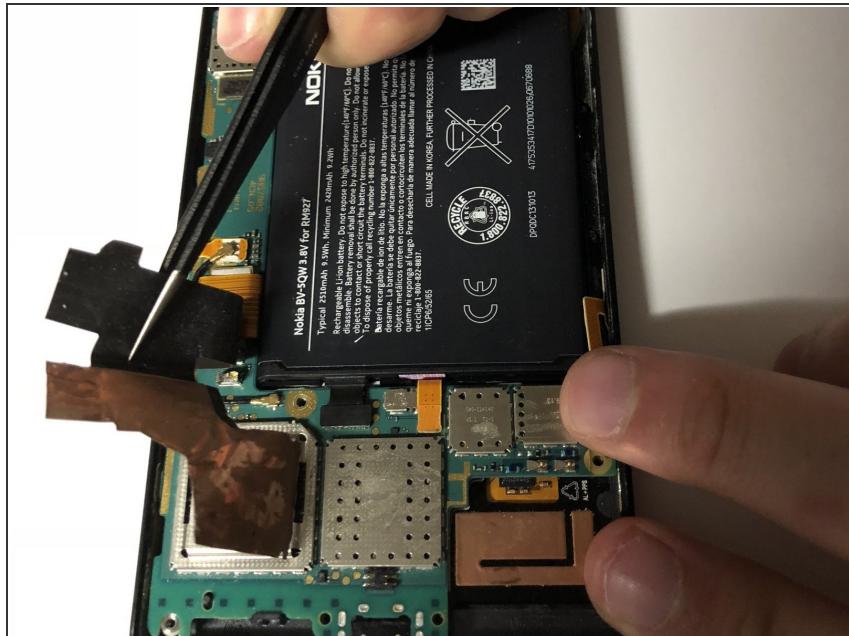
- Remove the ten 4mm Torx #4 screws that secure the battery cover to the frame of the phone.

Step 7



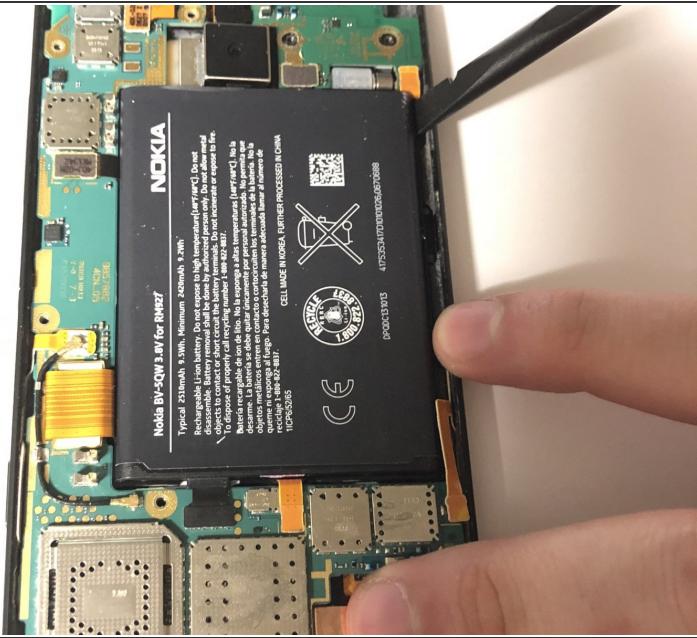
- Use the flat end of the spudger to pry the battery cover apart from the phone frame.

Step 8



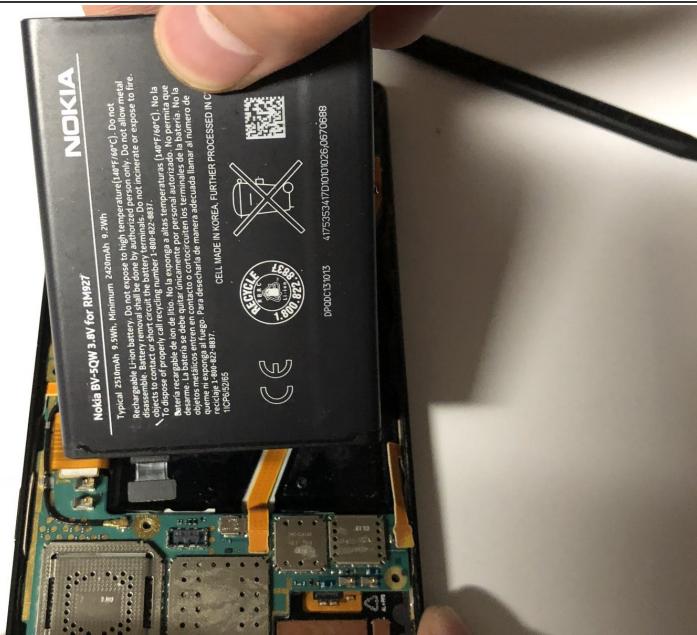
- Pull up on the heat spreader, being careful not to tear it.

Step 9



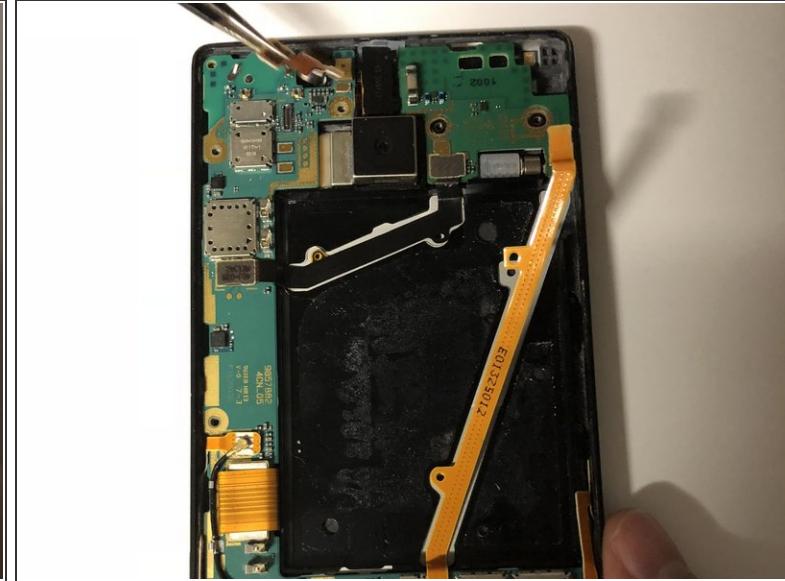
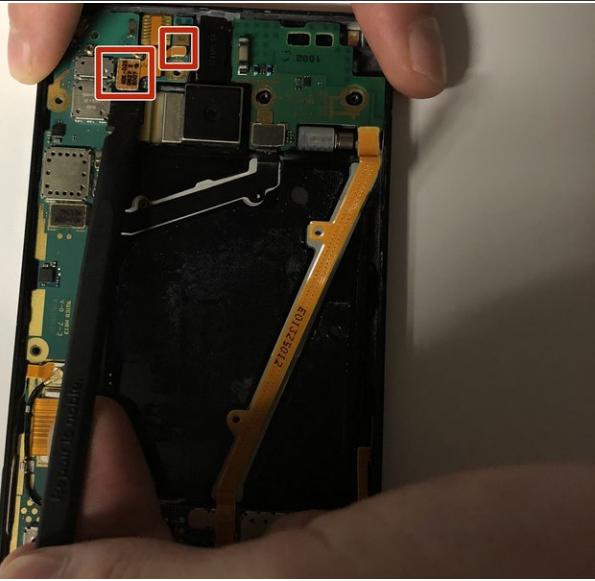
- Use the flat end of the spudger to lift up the battery.
- **(i)** The battery is glued in place so pry carefully to not damage it.
- **!** Two flex cables are directly underneath the battery.

Step 10



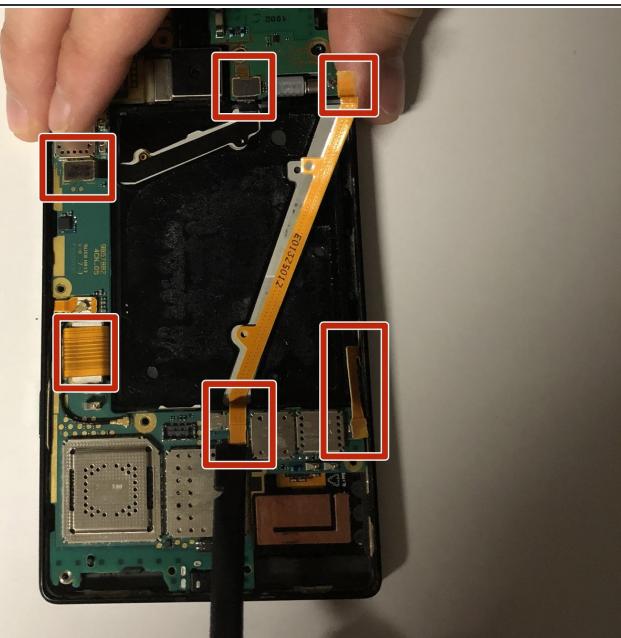
- Pull up to remove the battery from the phone.

Step 11 — Motherboard



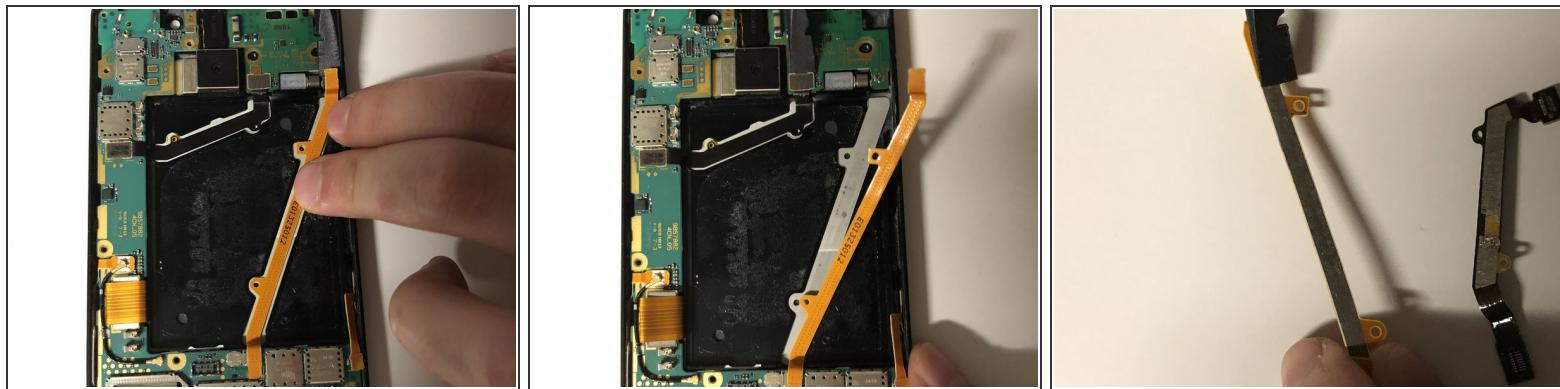
- Use the flat end of a spudger to disconnect the camera connectors.
- Pull the camera up and out to remove it from the phone.

Step 12



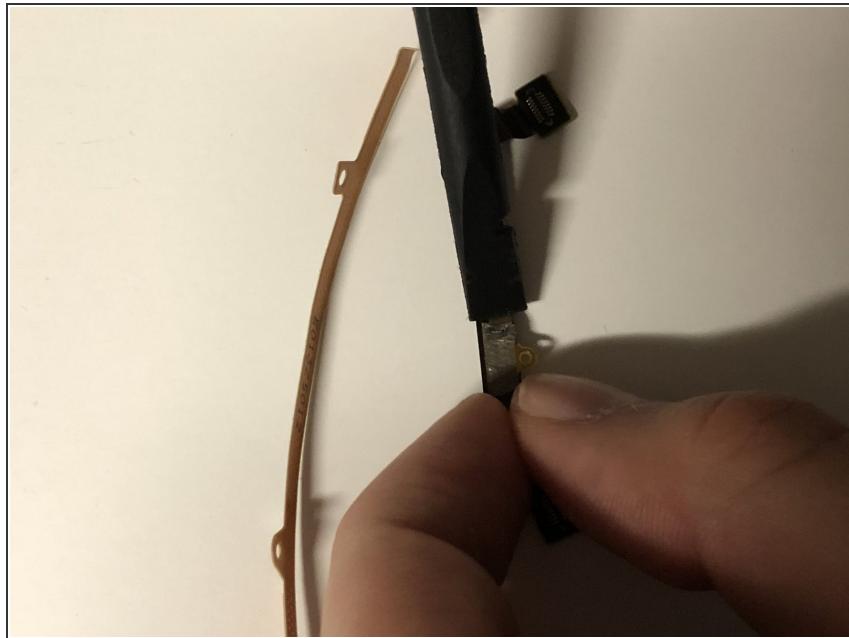
- Use the flat end of a spudger to disconnect the six ribbon cables from the motherboard.

Step 13



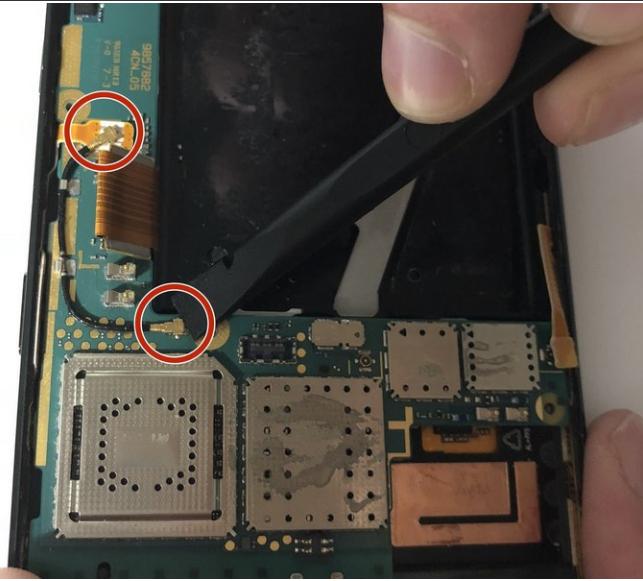
- Take the flat end of a spudger to pry up the orange flex found under the battery.
- Remove the orange flex cable from the phone.

Step 14



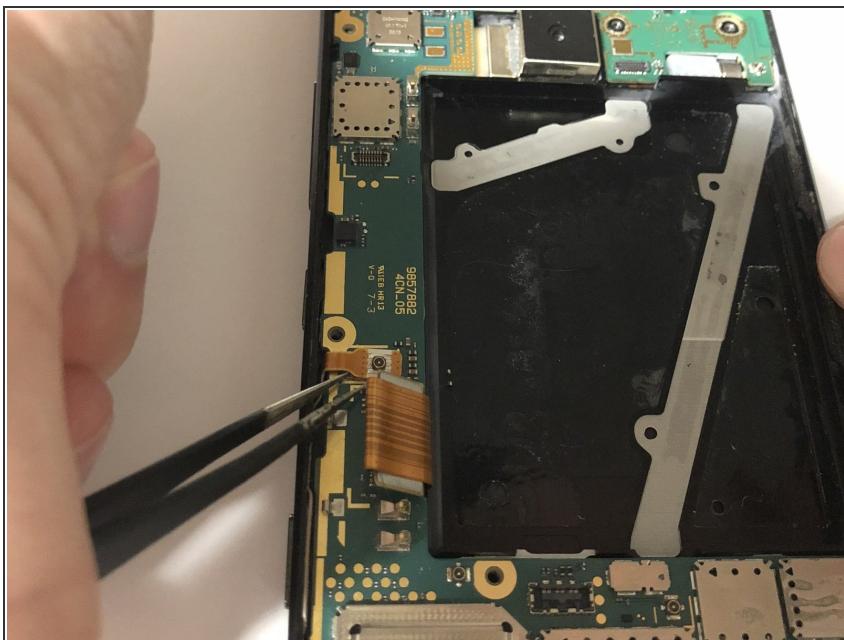
- Do the same as mentioned previously but for the the black Jumper flex that is also found under the batter.

Step 15



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

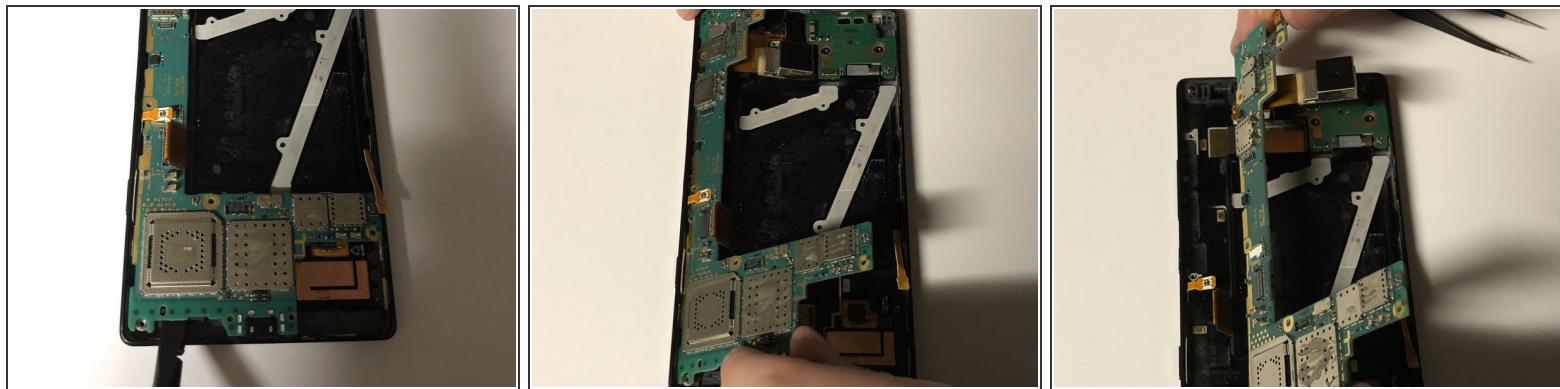
Step 16



- Grab the LTE adhesive that is under the LTE flex and pull it outwards towards the bottom end of the phone.

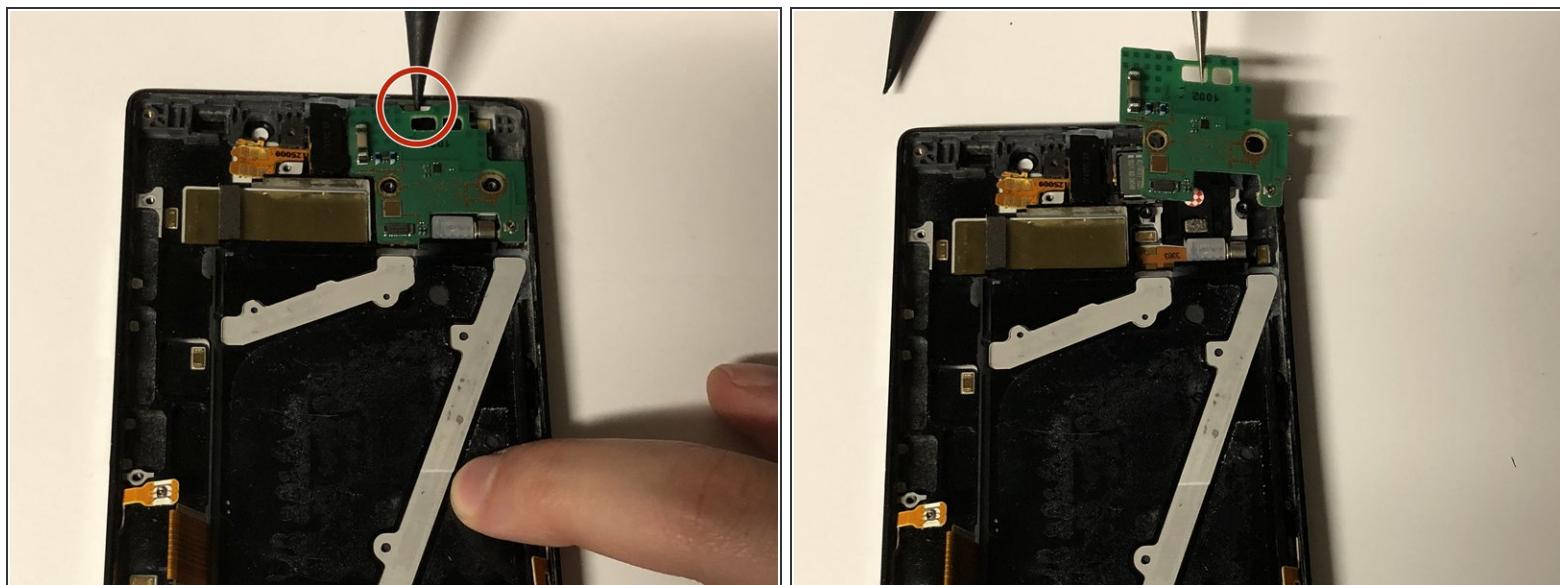
 Apply new adhesive when reassembling the phone.

Step 17



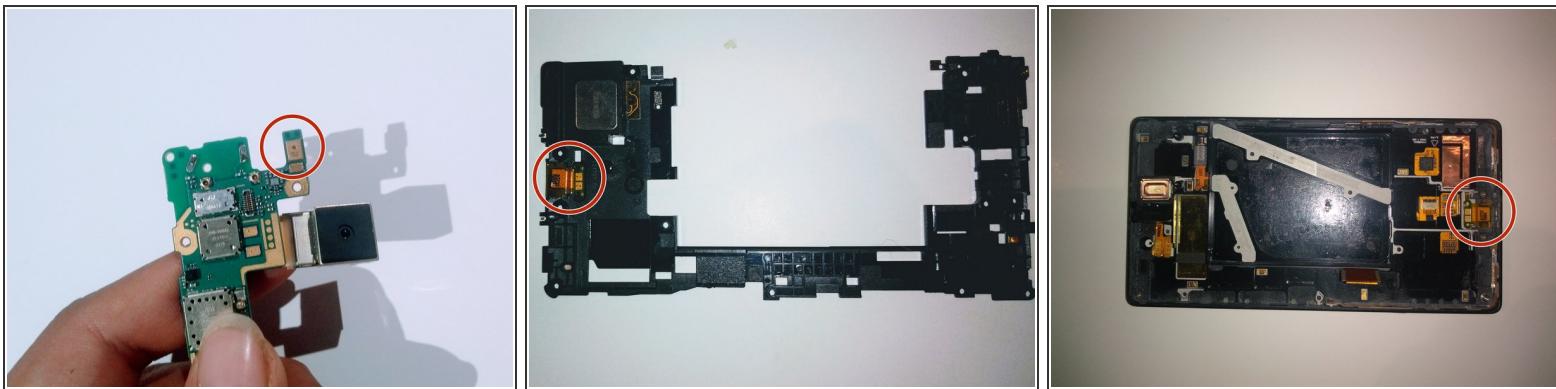
- Use a spudger to pry up the bottom end of the motherboard so you can pull it out.

Step 18 — Daughterboard



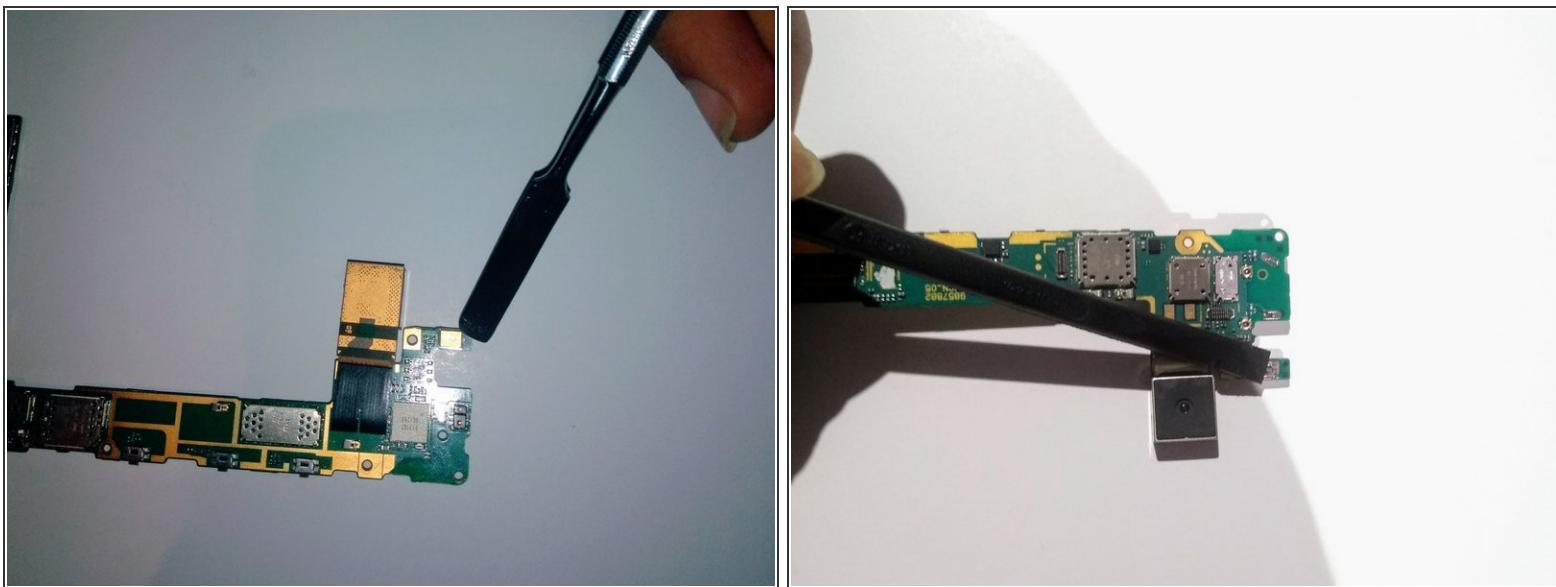
- Use the pointed end of the spudger to pry up the daughterboard.
- Use tweezers to lift the engine board out of the phone frame.

Step 19 — Nokia Lumia 930 Microphone Removal



- Locate all microphones. The first two microphones you will find are on the engine board. The two microphones will be back to back with each other. The third microphone will be on the engine cover. The last microphone will be on the last layer of the phone before the screen.

Step 20

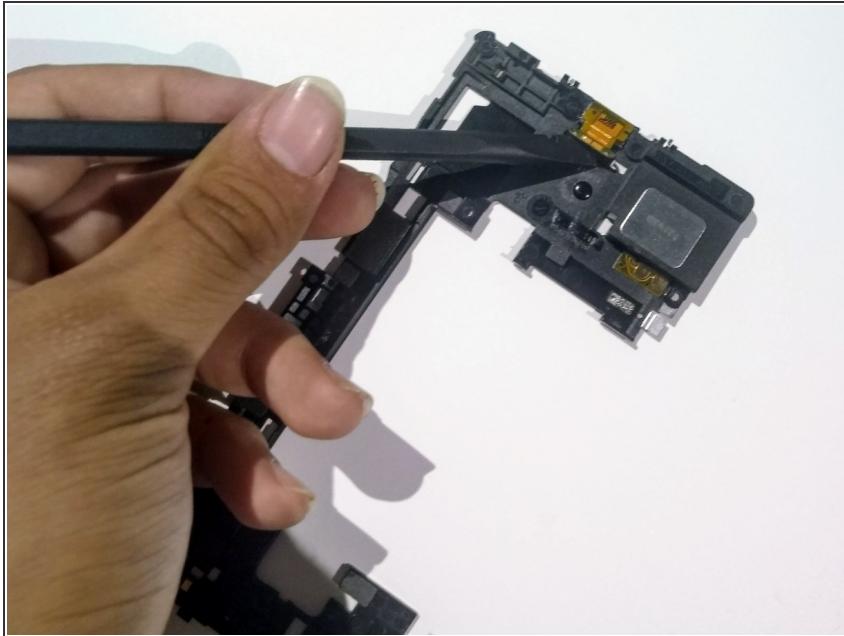


- You are gonna wanna use akistan to pop off the microphone.
- Remove all remainings with the Spudger #2.
- Repeat both steps on second microphone which is located on the other side of the first microphone.

 Be gentle with the metal akistan it is stronger than the Spudger.

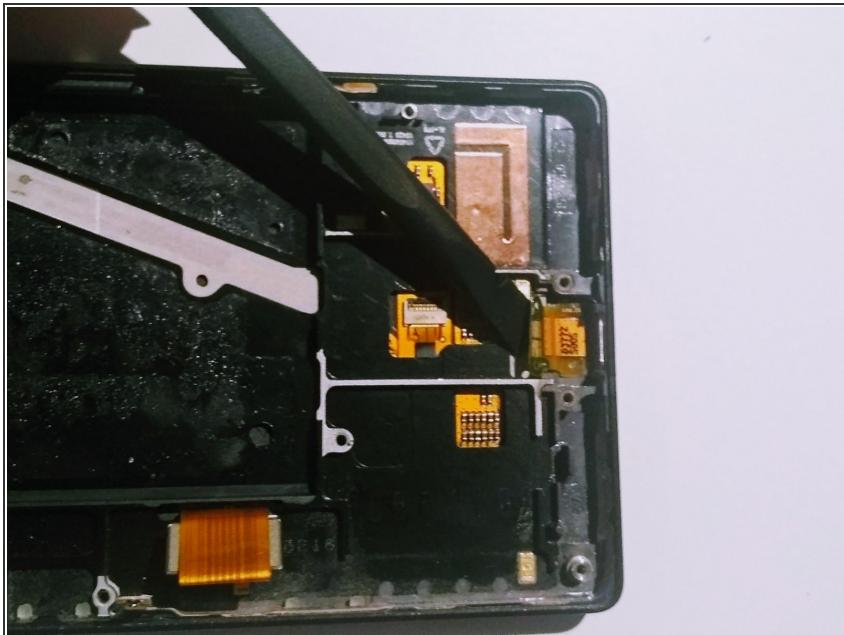
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Step 21



- Use spudger to remove 3rd microphone. Located on the engine board cover.

Step 22



- Use spudger to remove 3rd microphone. Located on the last layer before the display screen.

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