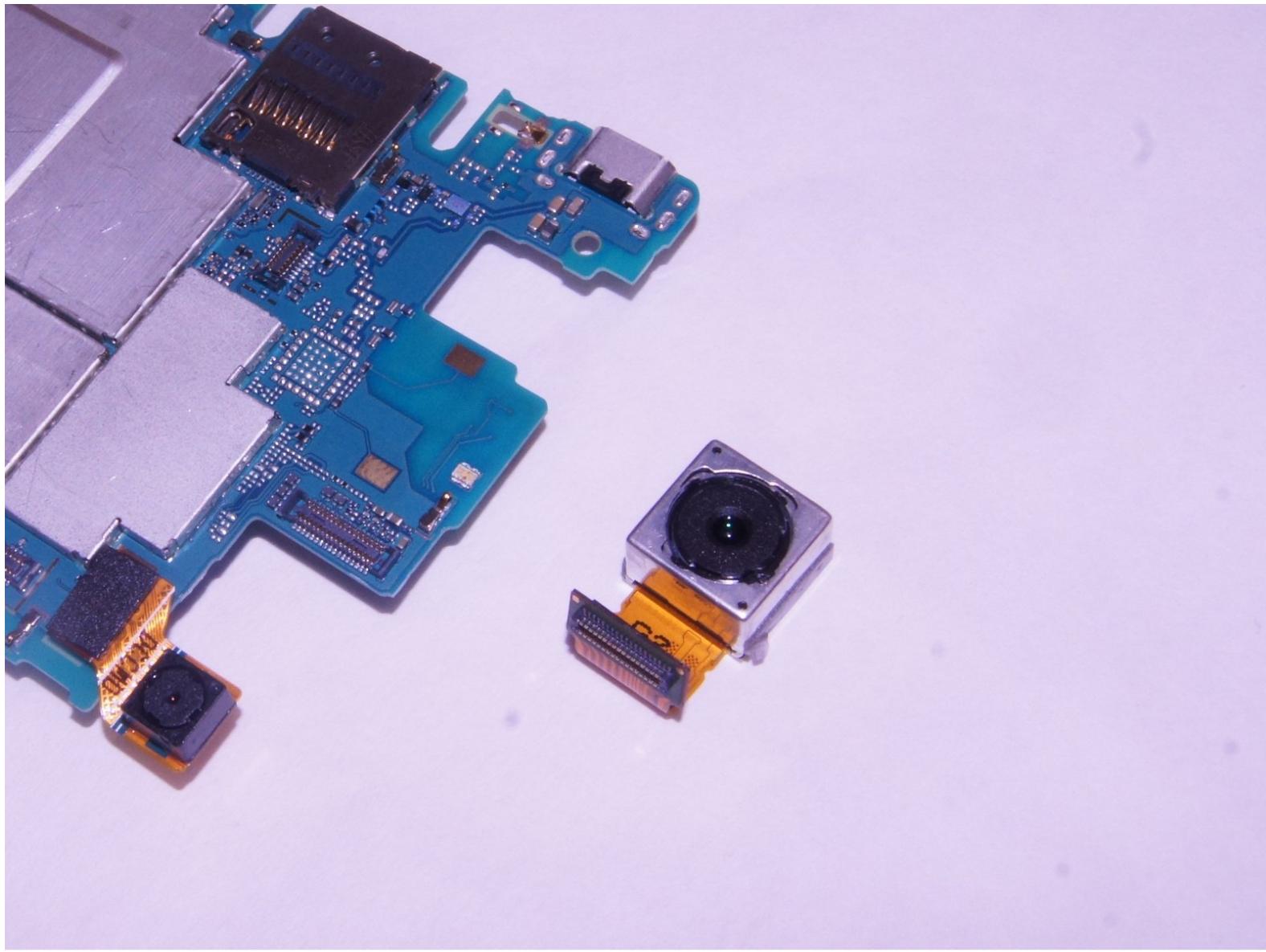




Sony Xperia Z1 Compact Rear Camera Replacement

A replacement of the rear camera in the Sony Xperia Z1 Compact.

Written By: Kevin Bergstrom



INTRODUCTION

This guide will replace the rear camera in the Sony Xperia Z1 Compact.

TOOLS:

- iFixit Opening Tools (1)
- JIS #00 Screwdriver (1)
- Suction Handle (1)
- Heat Gun (1)
- Phillips #0 Screwdriver (1)
- Spudger (1)

PARTS:

- [Sony Xperia Z1 Compact Rear Camera](#) (1)

Step 1 — Back Cover



- Heat along the edges of the back cover using a heat gun to soften the glue.

Step 2



- Attach the small suction cup to the back cover near the bottom of the phone.
- Pull up on the suction cup and insert the plastic opening tool in between the back cover and the rest of the phone.

Step 3



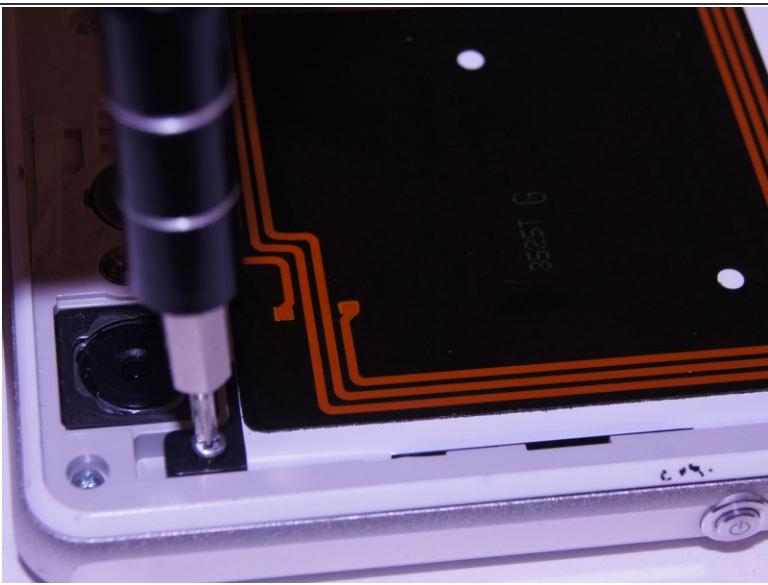
- Move the spudger around the edge of the back cover to separate it from the black adhesive.
- Separating the back cover from the rest of the phone ruins the adhesive which makes it no longer waterproof.

Step 4 — Battery



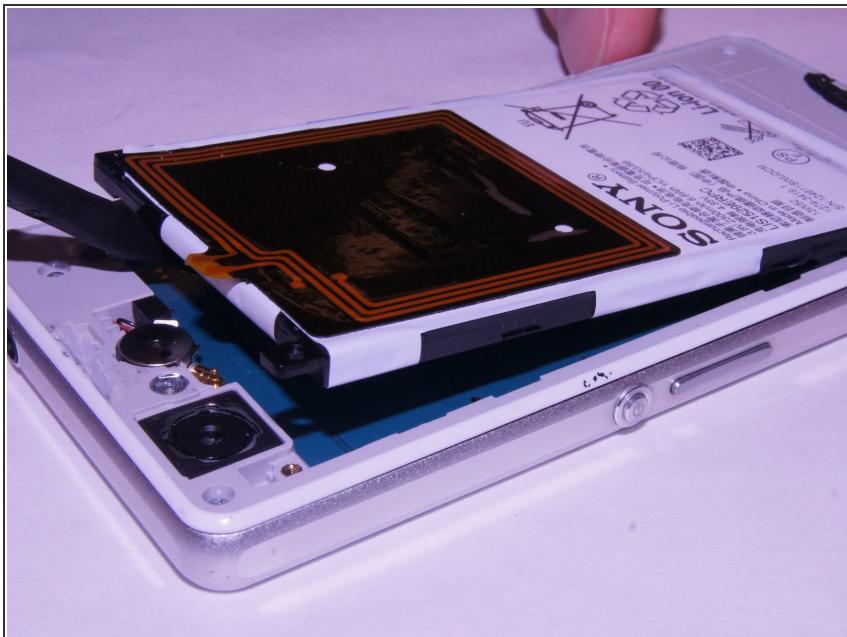
- Carefully disconnect the battery from the logic board by using the plastic spudger as a lever.

Step 5



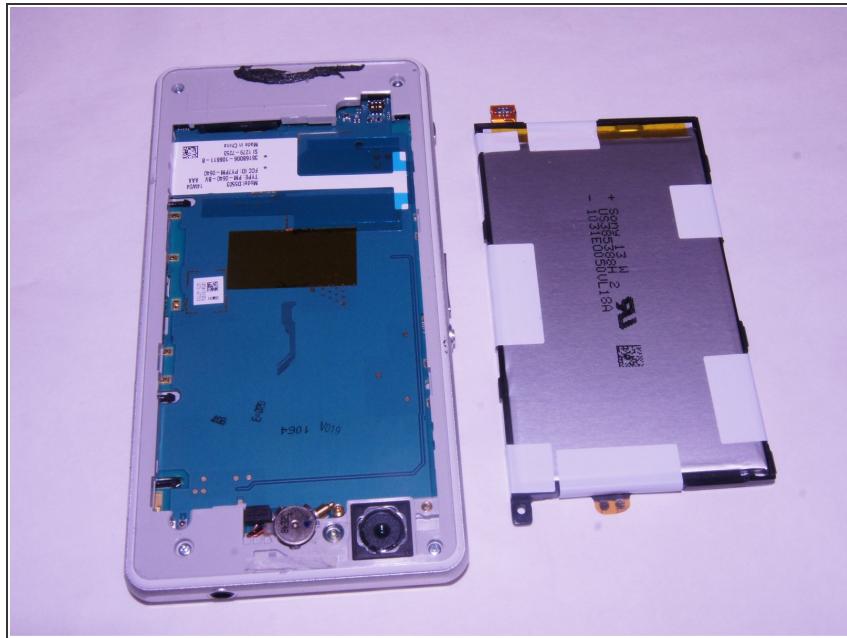
- Remove the single 1 x 3.0 mm screw holding the battery in using the JIS #00 screwdriver.

Step 6



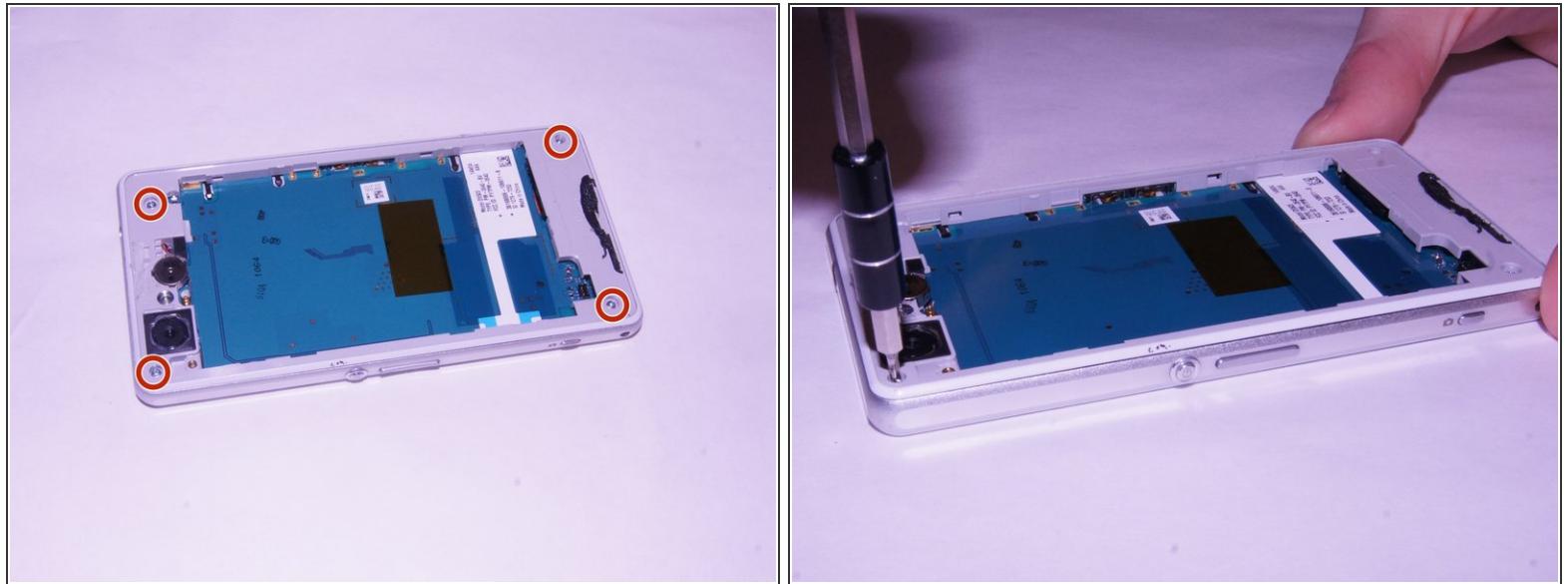
- Pry the battery up from the ends using the plastic spudger until the battery pops out of the enclosure.

Step 7



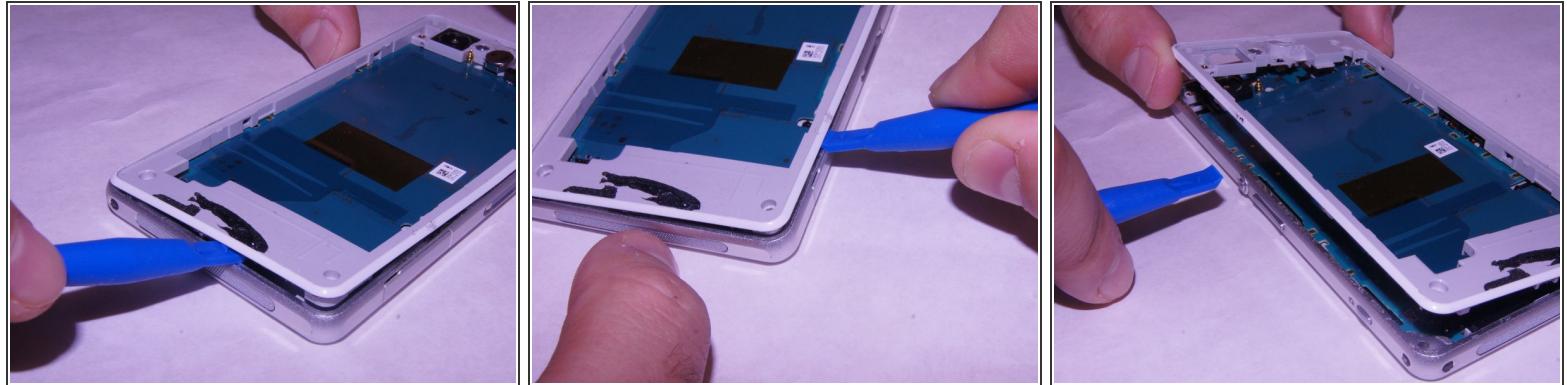
- Remove the battery from the device

Step 8 — External Speaker



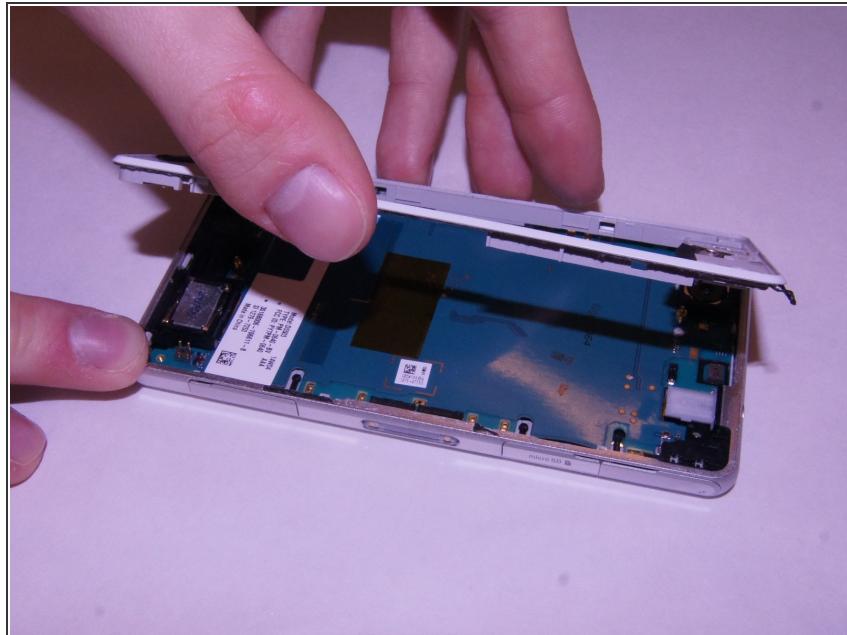
- Unscrew the four screws on the corners of the back frame using the JIS #00 screwdriver.

Step 9



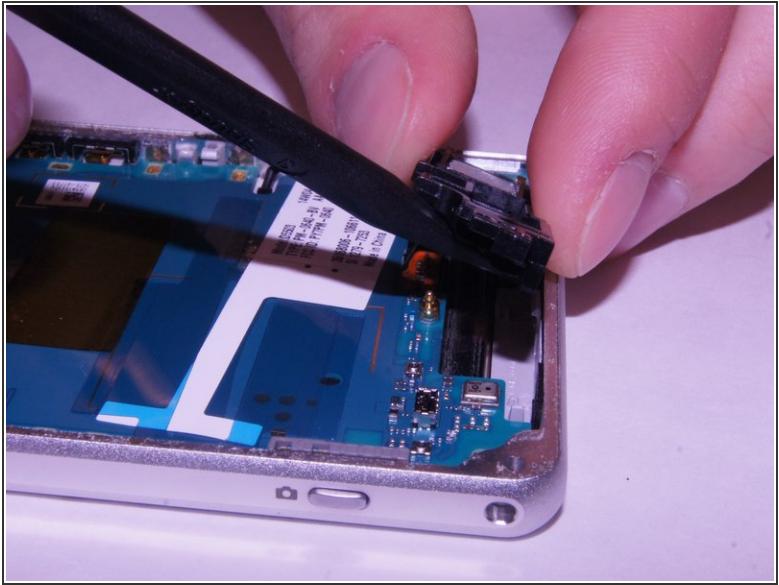
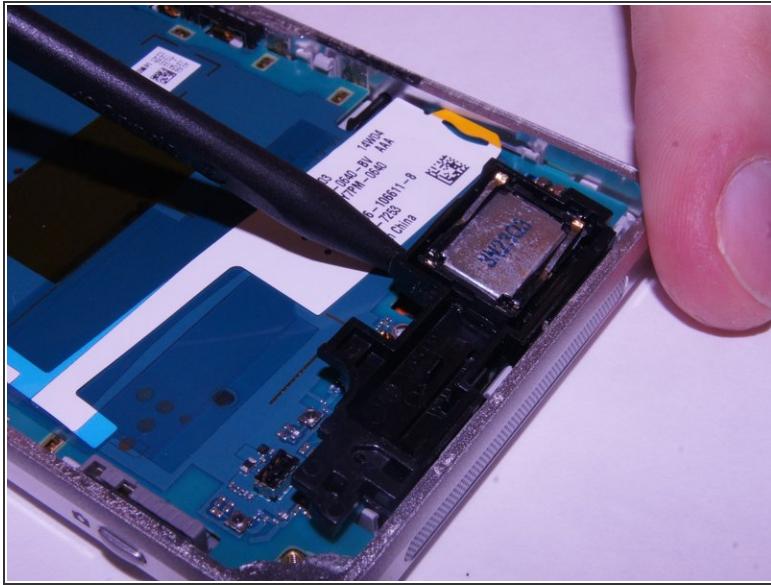
- Wedge the plastic opening tool under the back frame. Move the plastic opening tool around the entire frame to separate it from the adhesive.

Step 10



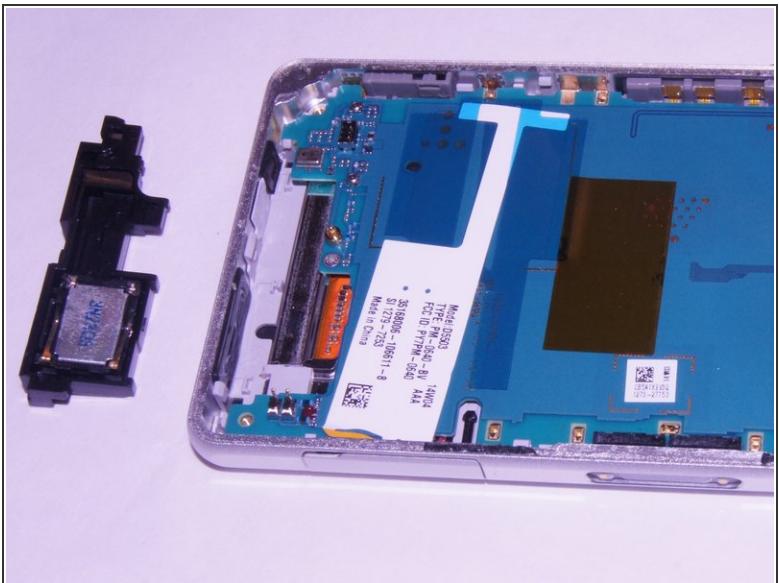
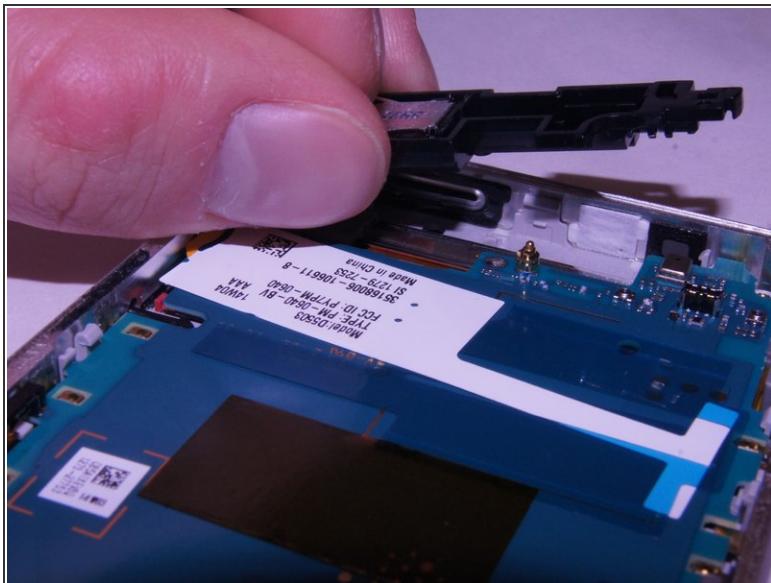
- Remove the back frame.

Step 11



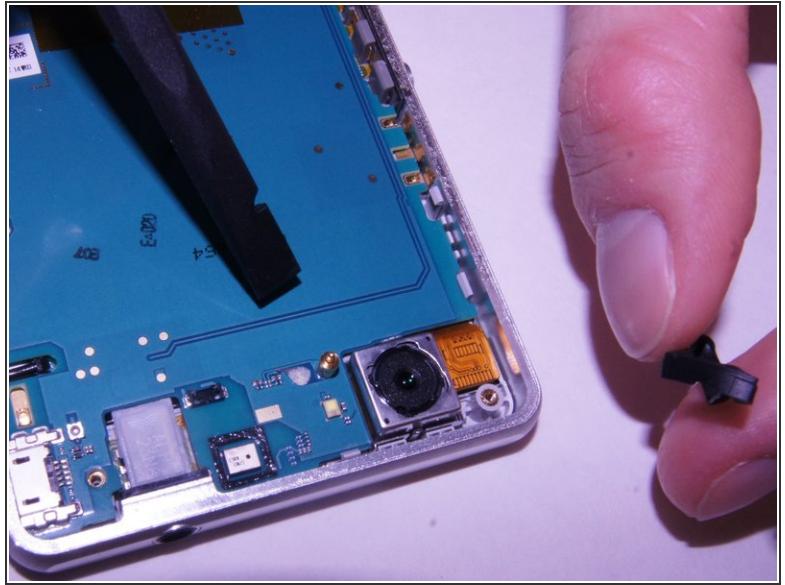
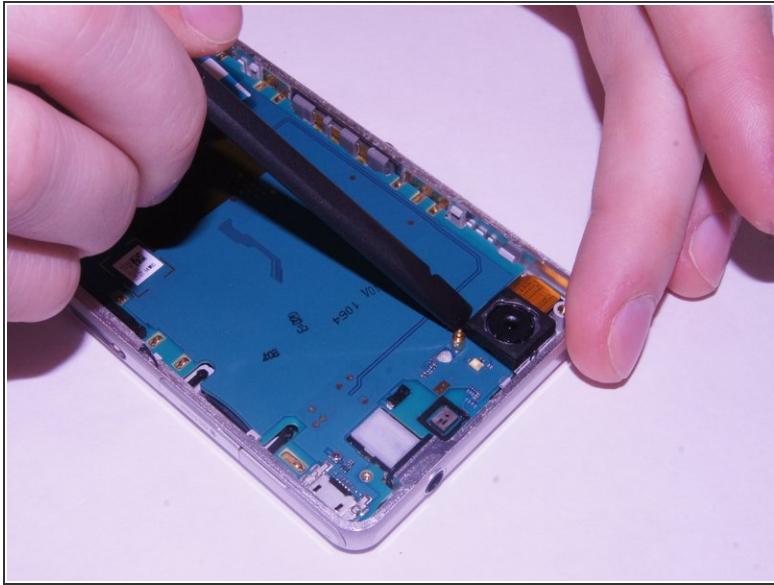
- Wedge the spudger underneath the external speaker. Pull up on the external speaker using the spudger.

Step 12



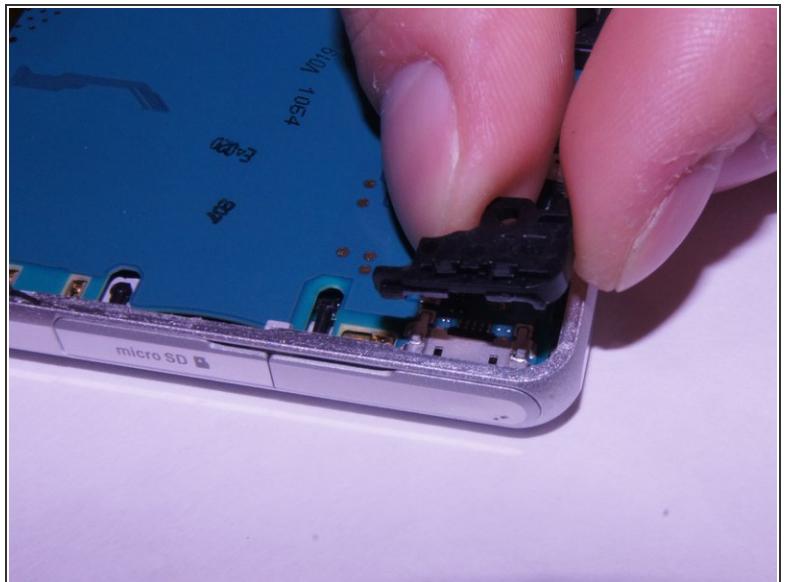
- Remove the external speaker.

Step 13 — Motherboard



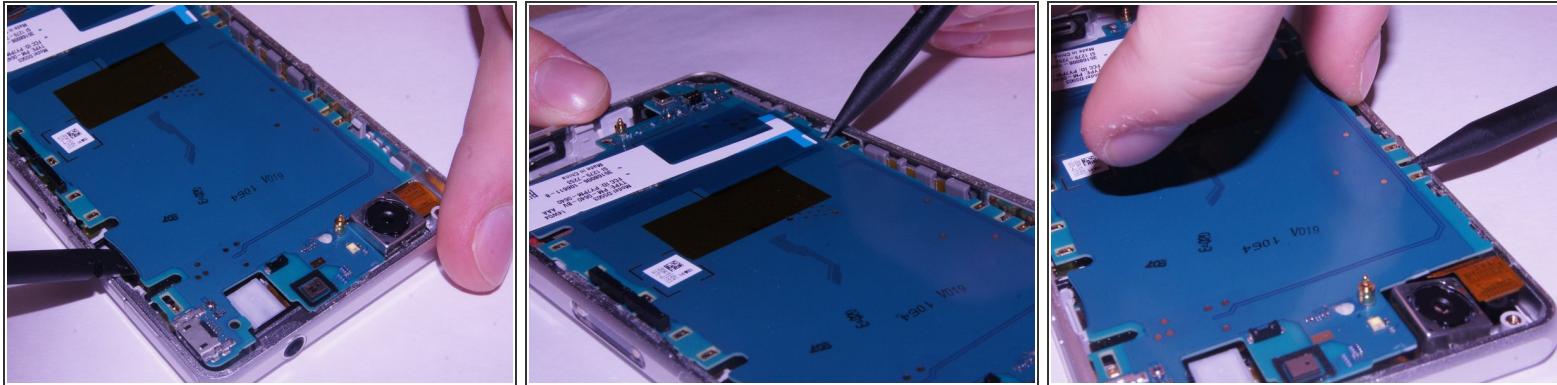
- Remove the square rubber gasket from the camera using the plastic spudger.

Step 14



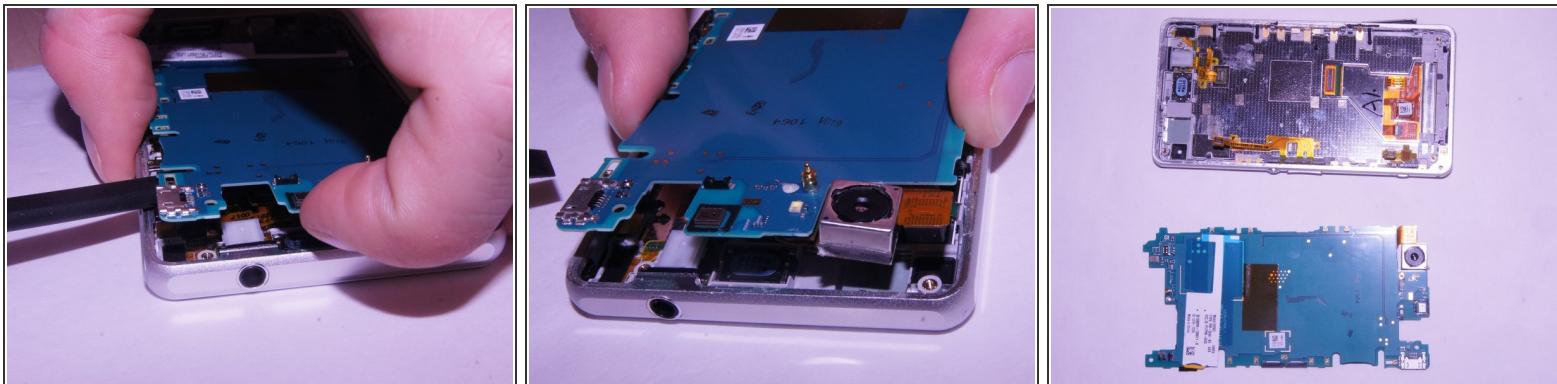
- Remove the black plastic corner still holding in the motherboard.

Step 15



- Carefully pry up on the four sides of the motherboard using the plastic spudger til it separates from the base of the phone.

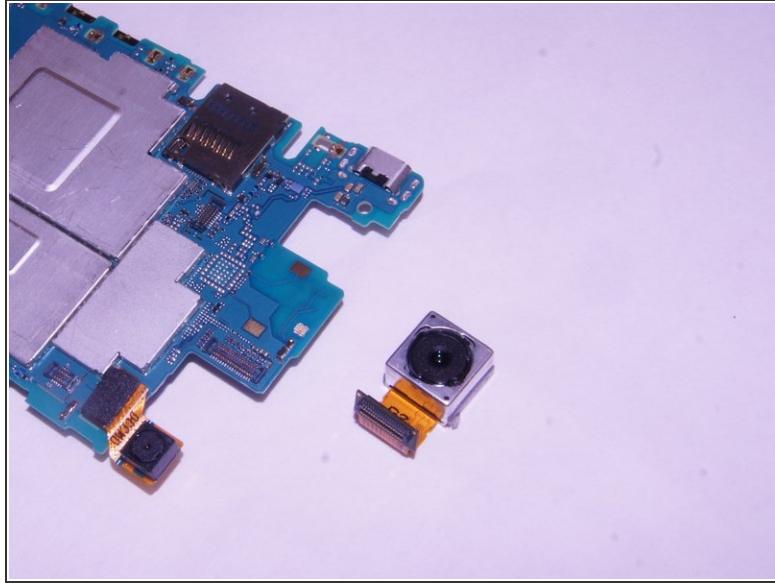
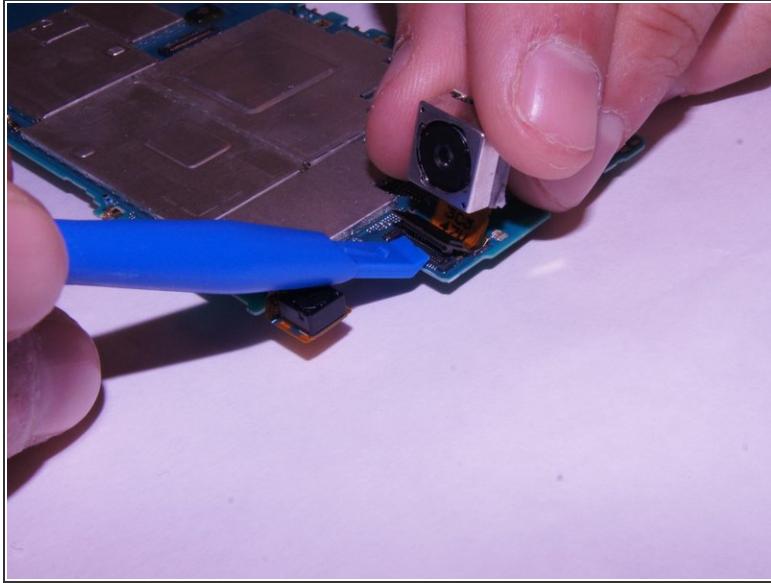
Step 16



- Remove the motherboard from the device.

(i) There may be a small yellow adhesive underneath the motherboard still holding it in. Slide the tip of the spudger through it to sever it.

Step 17 — Rear Camera



- Disconnect the camera from the motherboard using a spudger.

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