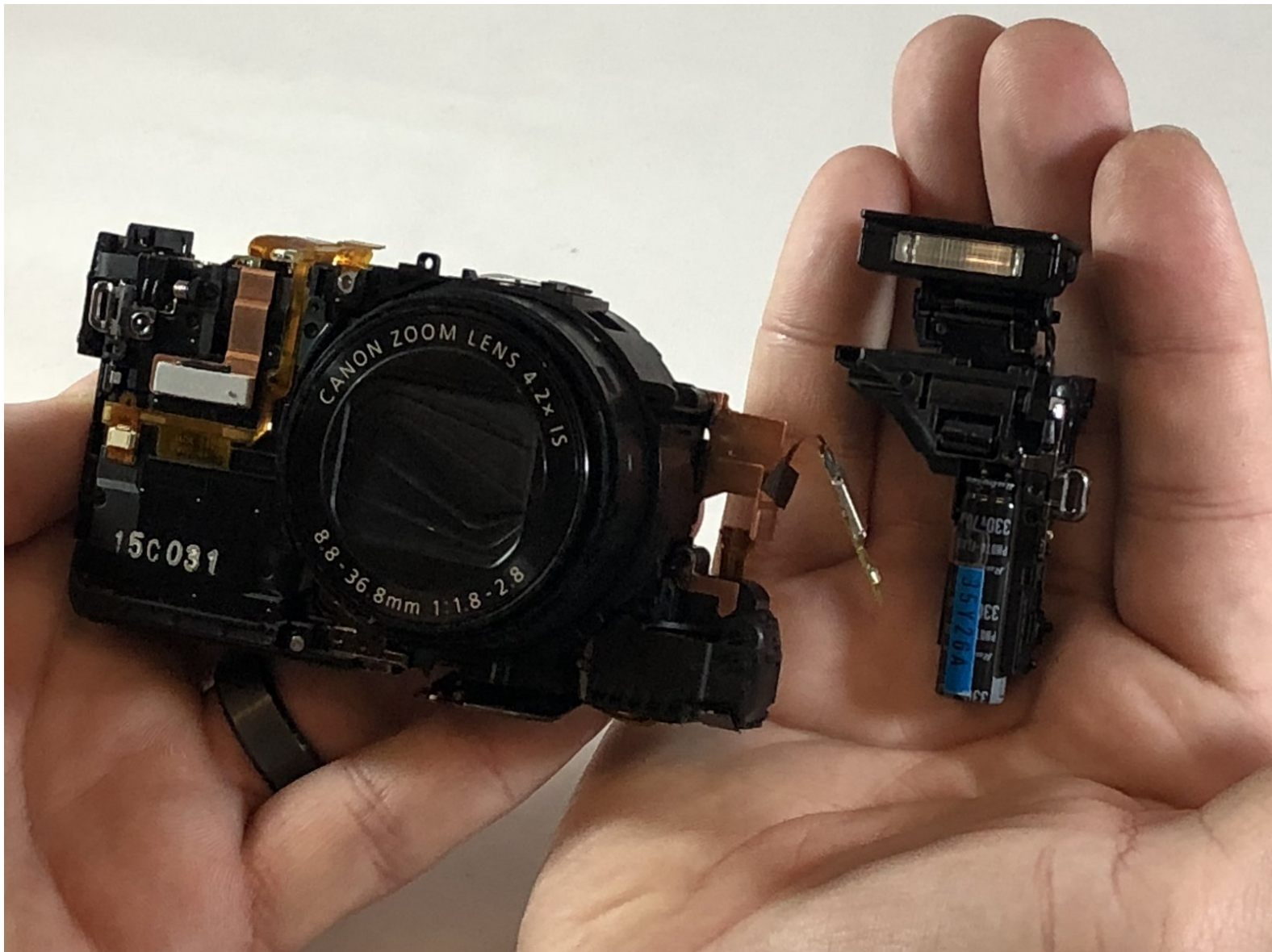# Canon PowerShot G7X Flash Replacement

A guide to help in replacing the flash on the Canon Powershot G7X.

Written By: Kyle Pellham

                    www.iFixit.com

INTRODUCTION

This guide will help you replace the flash for your camera. Caution should be used because a capacitor is attached to the flash which may cause harm if handled carelessly.
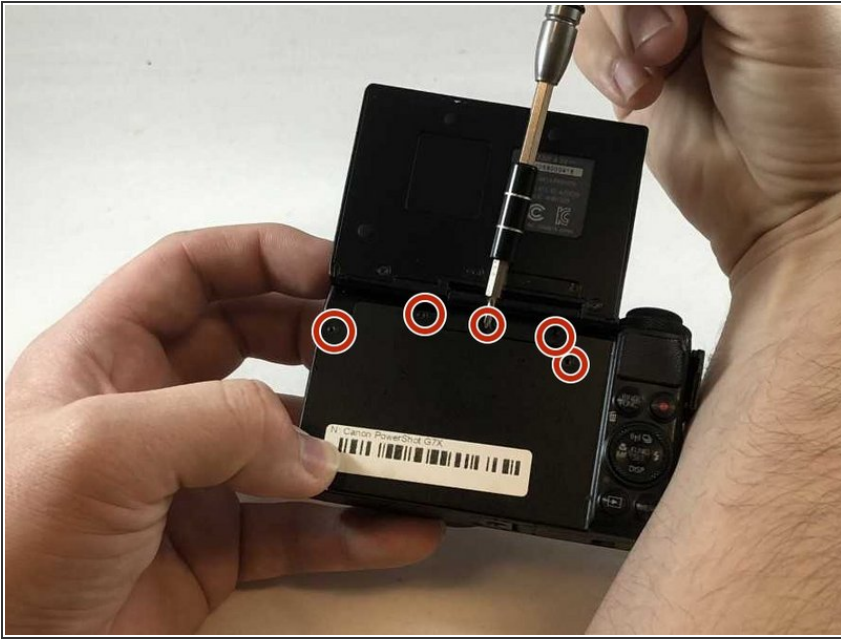
TOOLS:

- Phillips #000 Screwdriver (1)
- Spudger (1)
- iFixit Opening Tools (1)

PARTS:

- Canon Powershot G7X Flash (1)

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Step 1 — Dial

- Remove the five 2mm Phillips #000 screws that are under the screen of the camera.

Step 2

- Remove the two 3mm Phillips #000 screws under the AV-out digital flap.

- Remove the two 3 mm Phillips #000 screws from the side of the camera.

Step 3

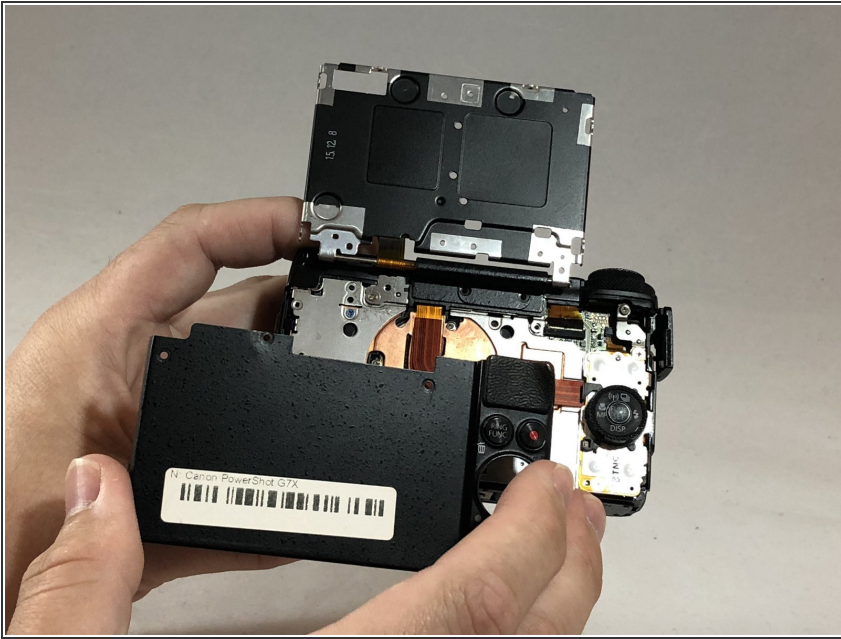- Remove the two 3 mm Phillips #000 screws on the side of camera with the flash toggle.

Step 4

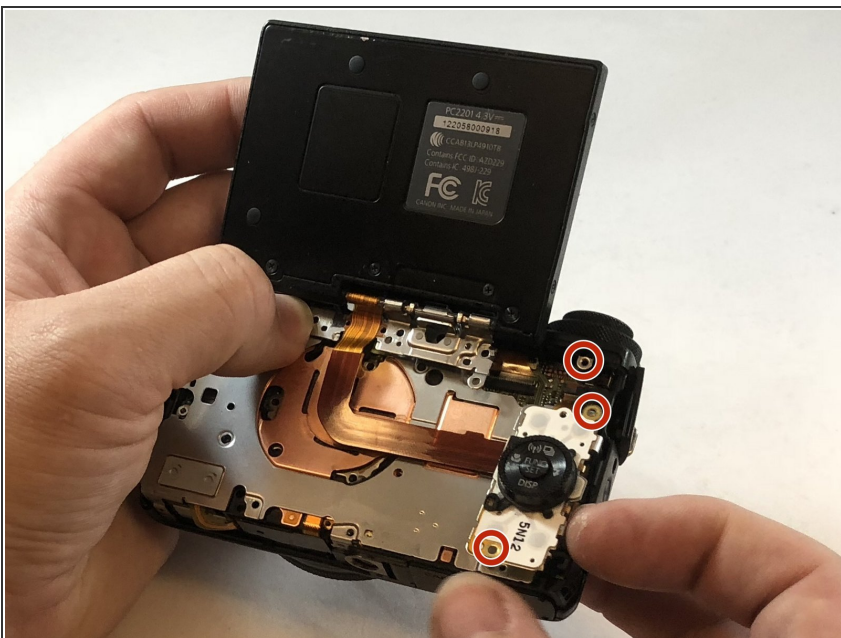- Remove the four 4 mm Phillips #000 screws from the plate on the bottom of the camera.

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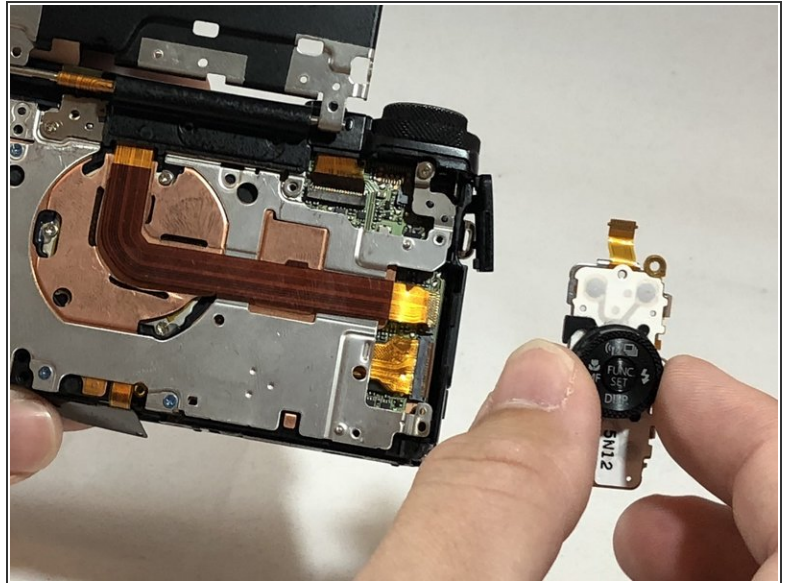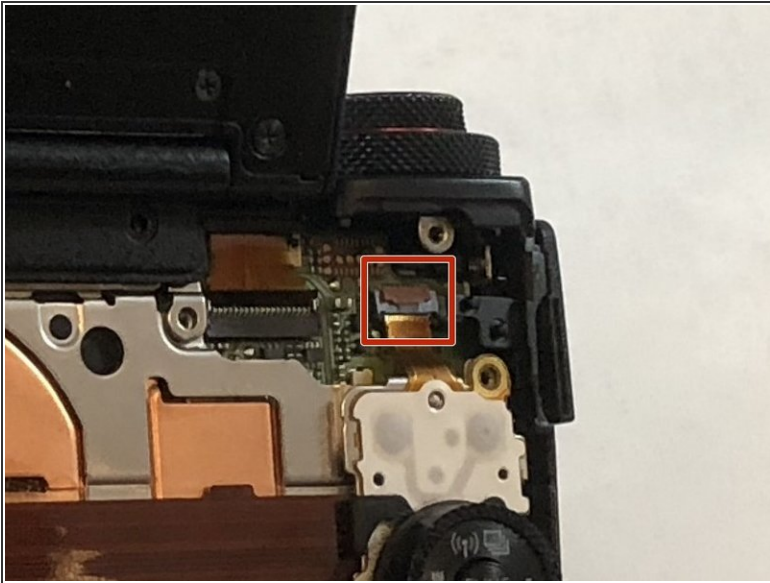© iFixit — CC BY-NC-SA   www.iFixit.com   Page 4 of 11

Step 5

- Remove the back plate.

Step 6

- Remove the three 3 mm Phillips #000 screws around the dial.

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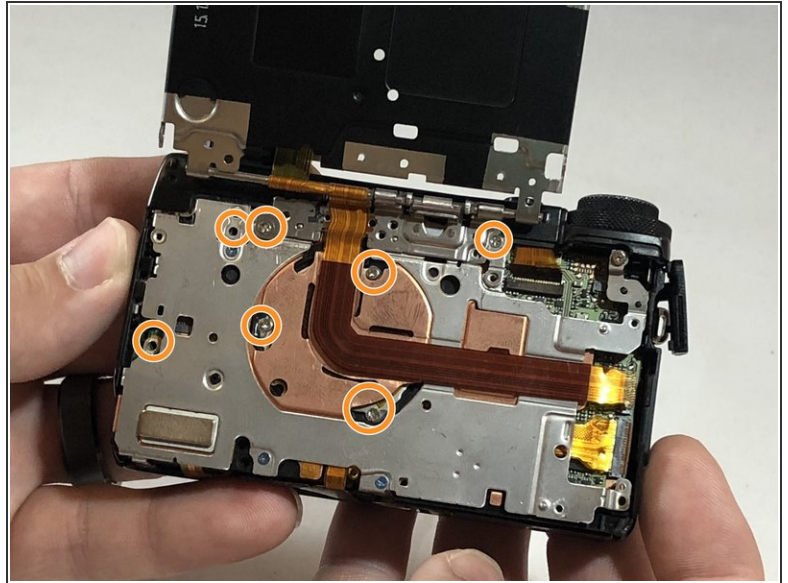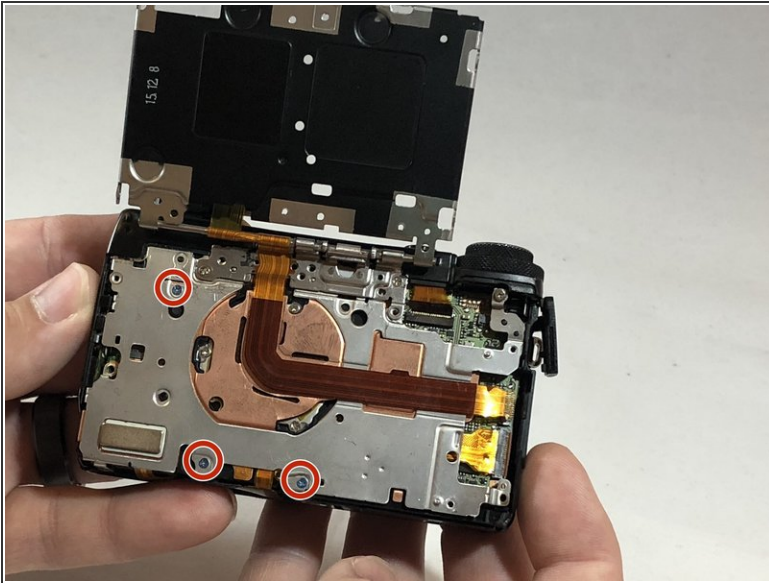© iFixit — CC BY-NC-SA　　　　　　www.iFixit.com　　　　　　Page 5 of 11

Step 7

- Using the nylon spudger, gently lift the ZIF tab.

- Disconnect the ribbon cable that connects the dial to the motherboard.

- Remove the dial from the device.

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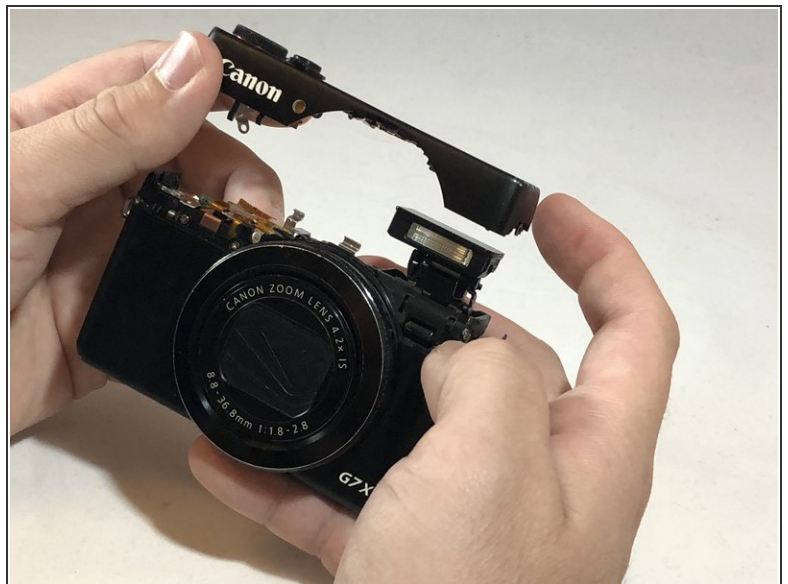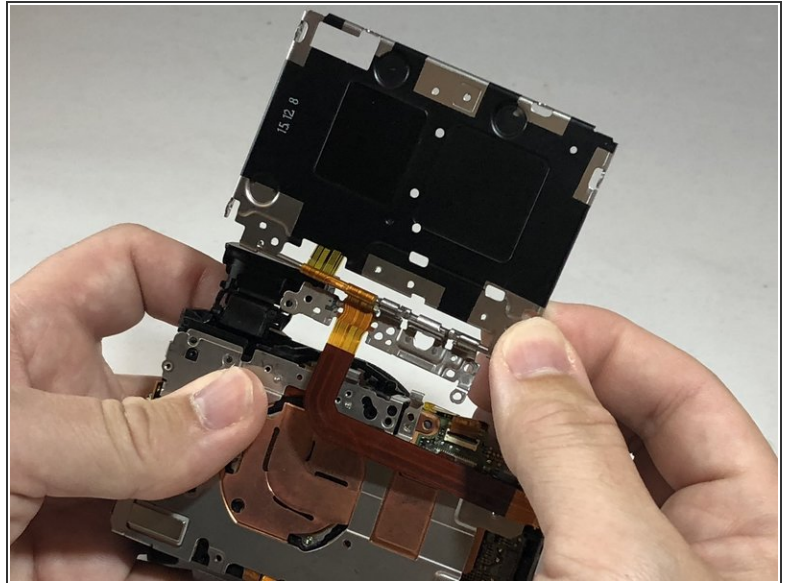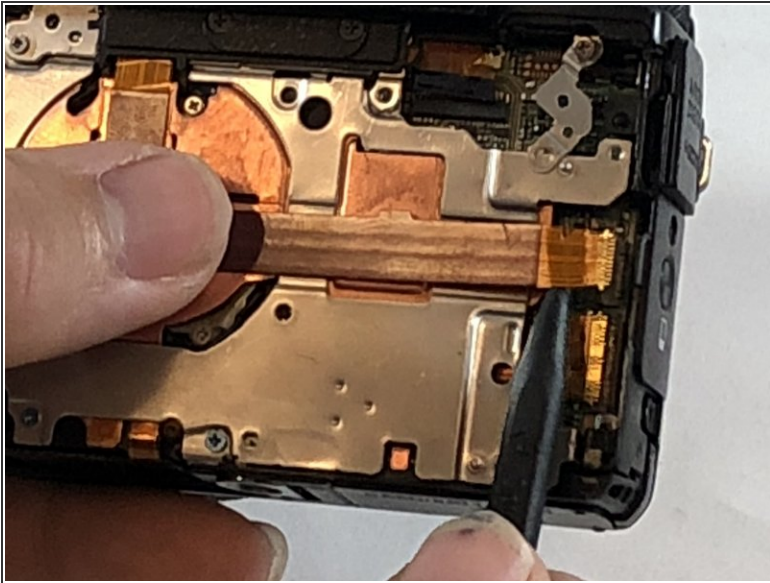
Step 8 — Flash

- Remove the three, blue 5 mm Phillips screws from the back plate.
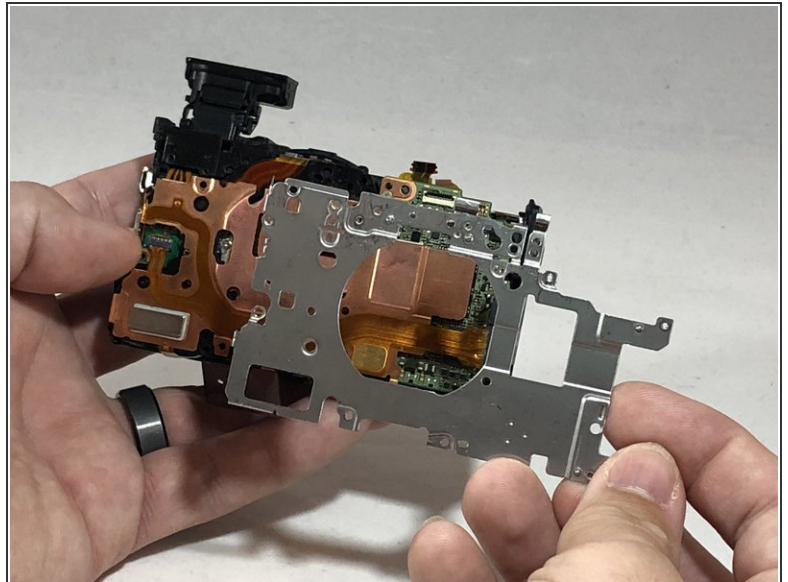
- Remove seven 2 mm Phillips #000 screws.

Step 9

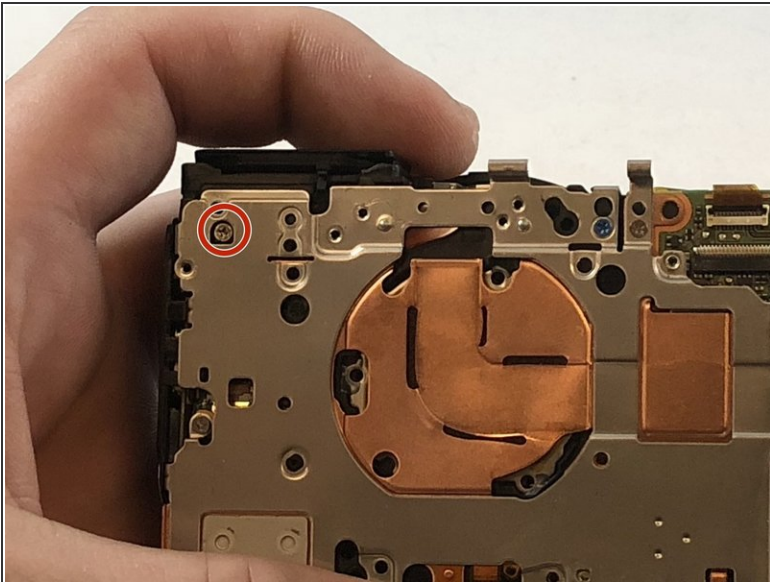- While using the plastic opening tool, gently pry the top plate off the camera.

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Step 10

- Using the black nylon spudger, gently lift the ribbon cable connected to the LCD screen housing until it comes out then remove the housing.

Step 11

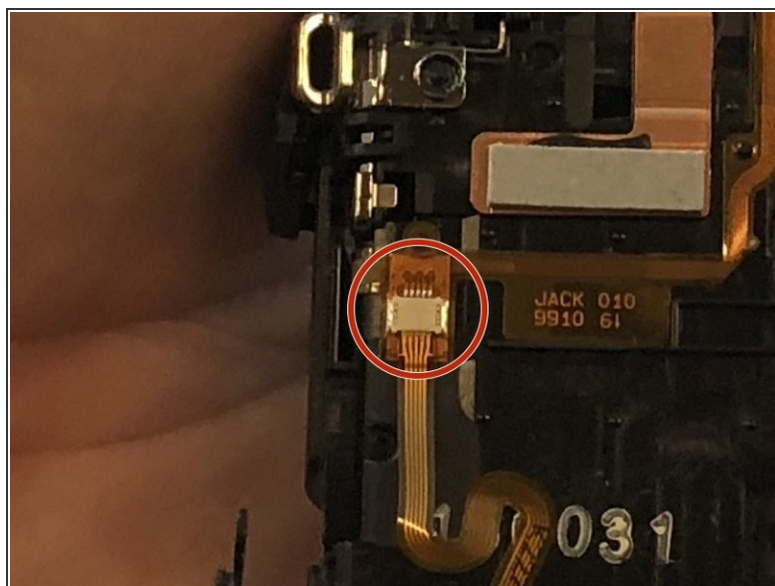- Remove the 2 mm Phillips #000 screw underneath the top plate.
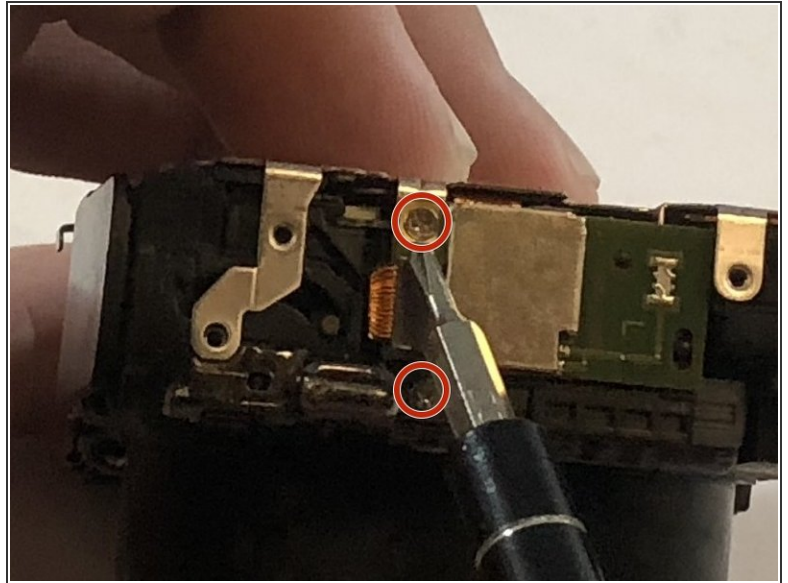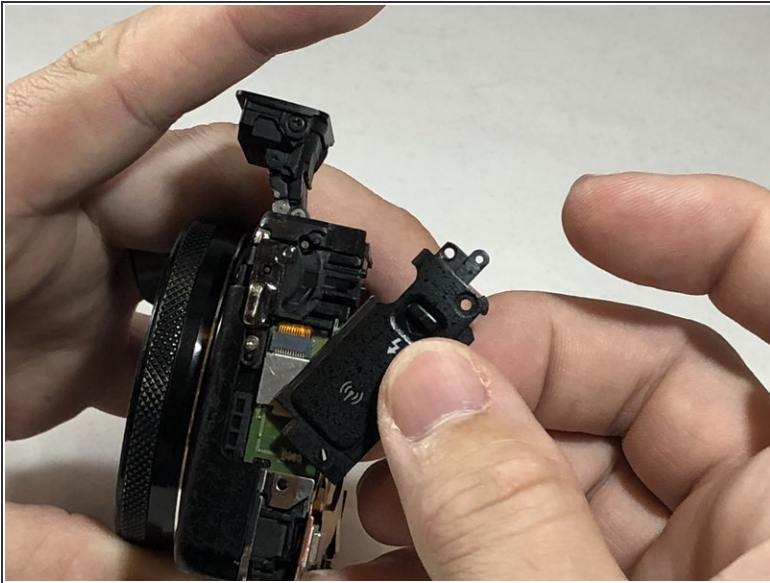
- Remove silver plate.

Step 12

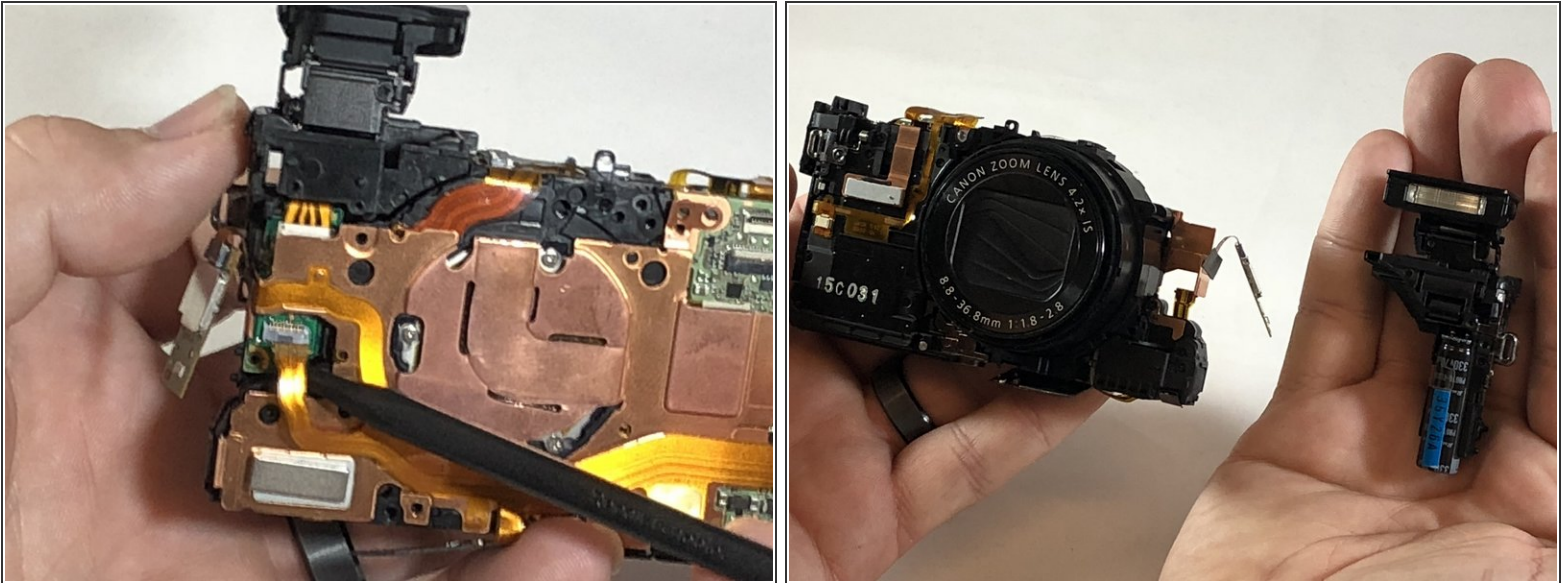- Take the Phillips #000 and remove the three 5 mm screws from the front plate.

Step 13

- Using the spudger, gently lift the ribbon cable from underneath the front plate.

- Remove the front plate.

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Step 14

- Remove flash toggle plate.

- Remove the 2mm Phillips #000 screws under the flash toggle.

Step 15

⚠ Flash contains charged capacitor. Shock hazard.

● Using the black nylon spudger, gently lift the ribbon cable that connects the flash to motherboard and remove the flash from the device.

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