



GoPro Hero 3 Silver Image Sensor Replacement

This guide will show you the easy steps to replace the image sensor of your GoPro HERO3 Silver camera.

Written By: Jose Villa



This document was generated on 2019-09-30 08:11:45 AM (MST).

 **TOOLS:**

- T4 Torx Screwdriver (1)
- Phillips #00 Screwdriver (1)
- Spudger (1)
- iFixit Opening Tools (1)

 **PARTS:**

- GoPro Hero3 Silver Image Sensor (1)
- GoPro Hero3 Silver Front Panel (1)

Step 1 — Battery



- Pull back on the tab on the back of GoPro to open the battery cover.

Step 2



- Pull the battery out using the tab.

Step 3 — Image Sensor



- Use the plastic opening tool to remove the faceplate.
- There is some adhesive and clips so be careful and the faceplate should pop right off.

Step 4



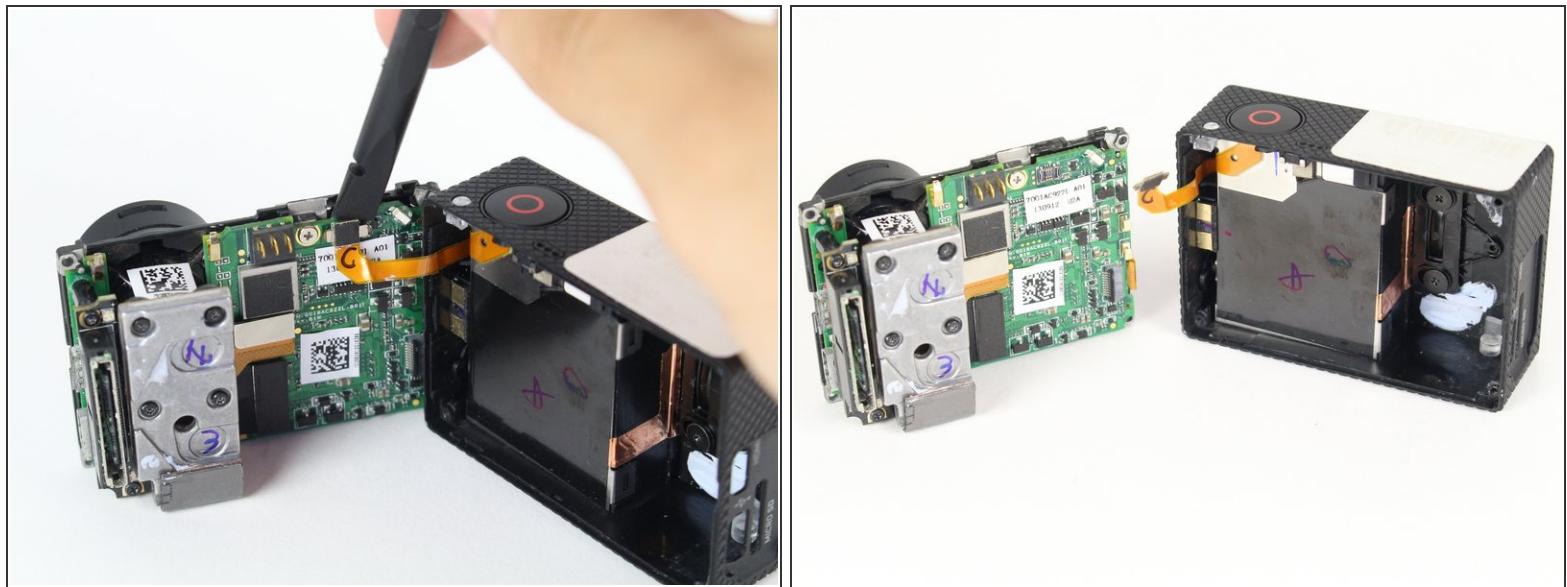
- Now that the faceplate is off, it is time to remove the 4 screws on each corner.
- Use the T4 tool bit from the iFixit toolkit in order to remove the 4 screws on each corner.

Step 5



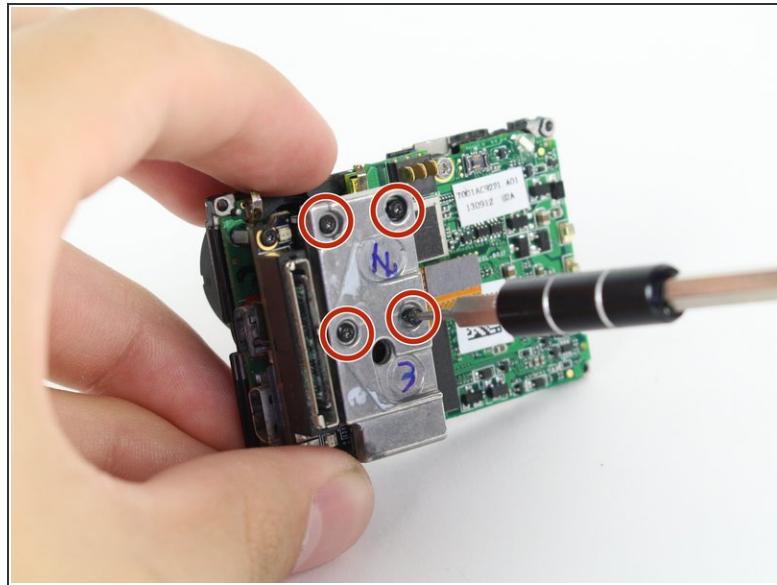
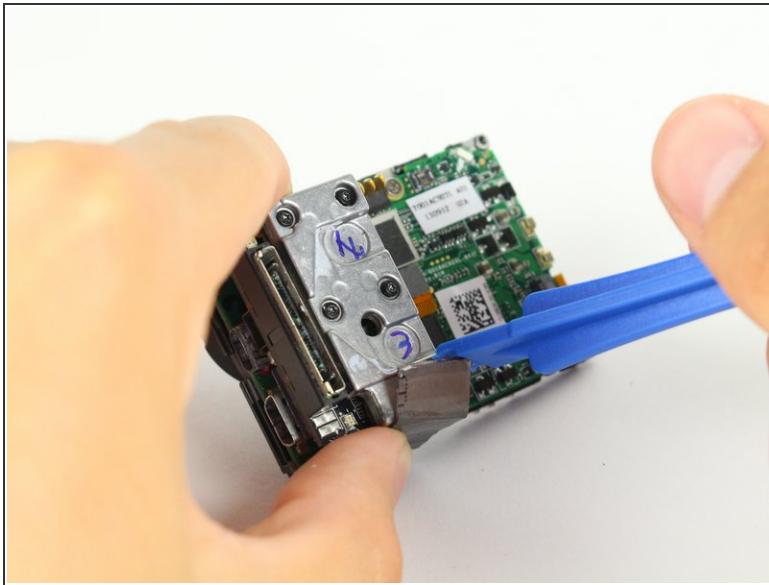
- Note: Make sure you remove the door cover of the USB, mini HDMI, and SD port before. Separating the motherboard will be easier.
- Using the plastic opening tool, slowly pry open the motherboard assembly.

Step 6



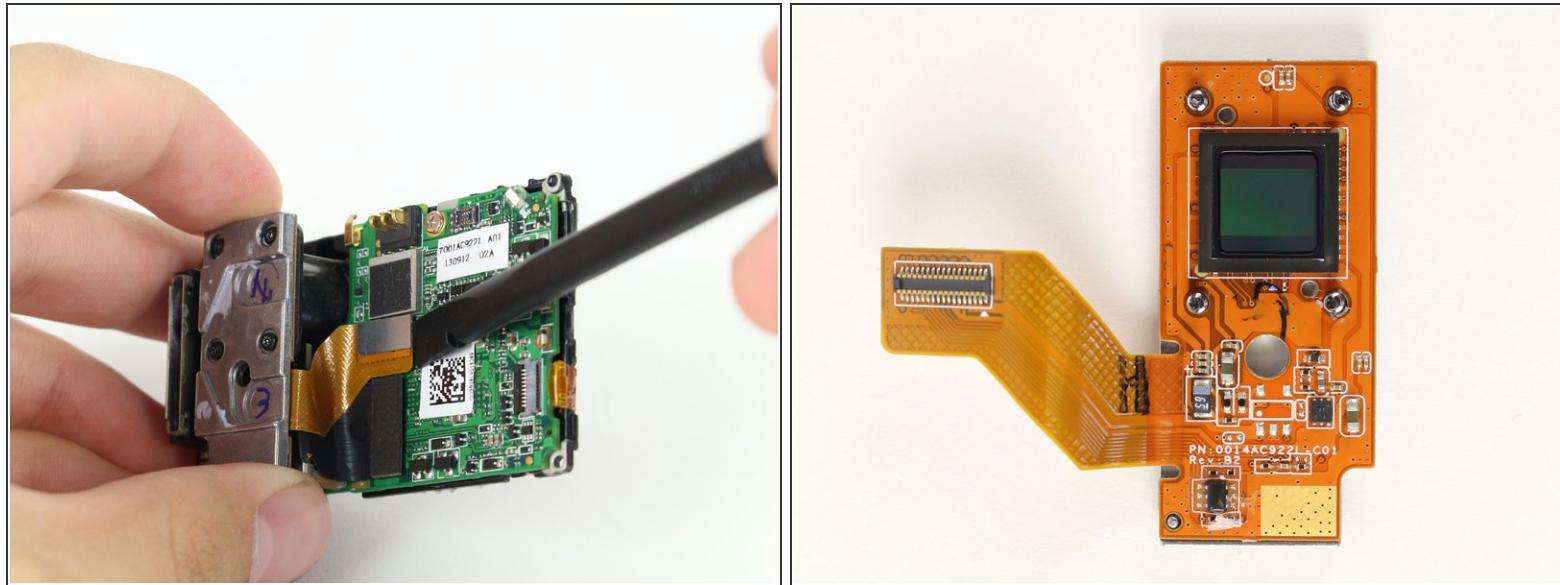
- Use the spudger to gently pry off the connector of the housing to the motherboard.
- You should now have the motherboard assembly and the housing separated.

Step 7



- Use the spudger to remove the heat shield tape and detach the image sensor from the motherboard.
- Using the T4 Torx toolbit, remove the 4 screws that connect the sensor to the lens.

Step 8



- Remove the silver connector of the image sensor from the motherboard using the spudger to pry it off.
- You should now be able to remove the image sensor by simply pulling it.

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