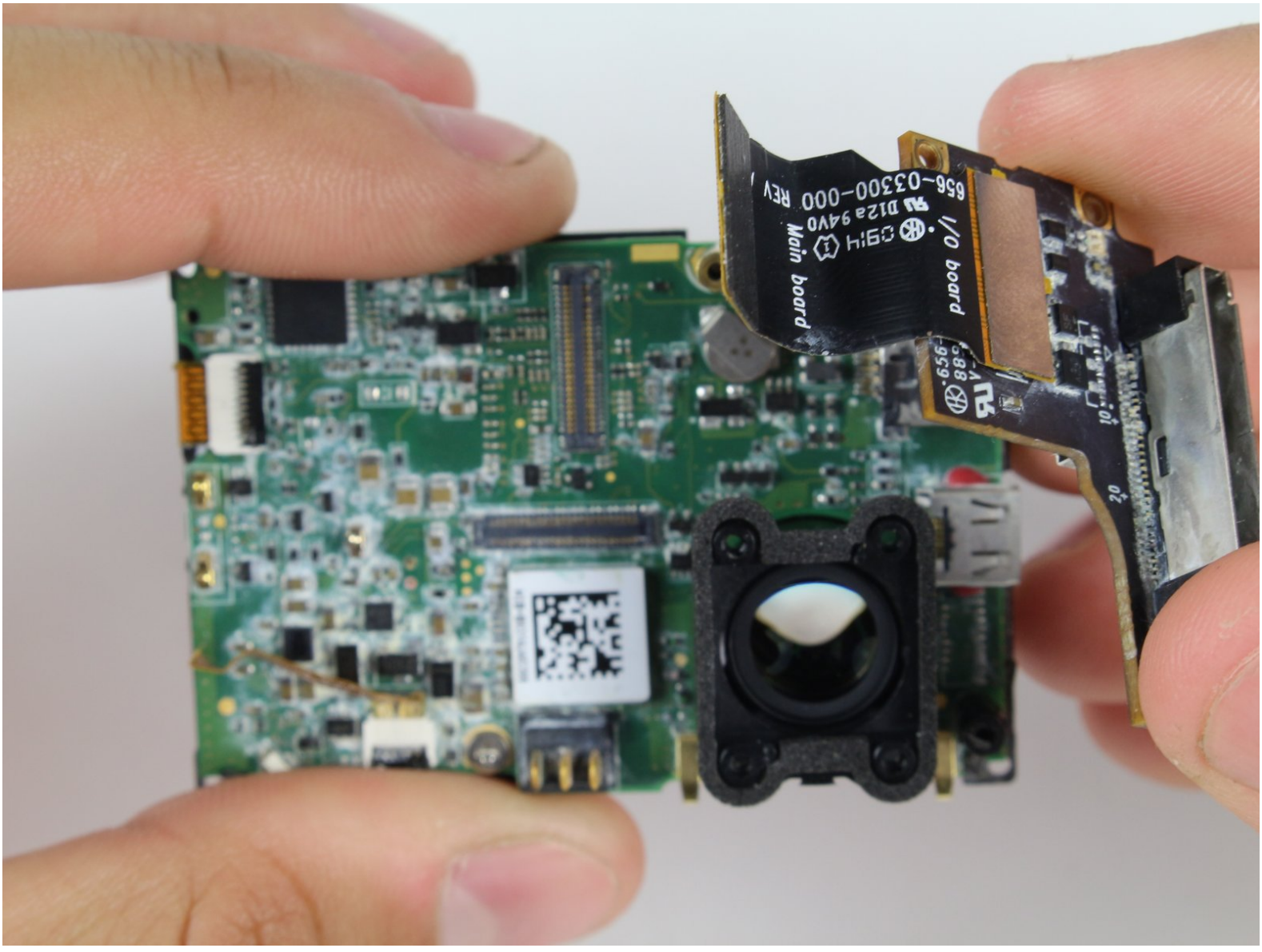
GoPro Hero3+ Black Edition microSD and Accessory Board Replacement

This guide will show you how to replace the microSD and accessory board for your GoPro Hero3+ Black Edition.

Written By: Kyle Rooney



INTRODUCTION

Are you having trouble saving all of the cool videos and photos you record? You've tried everything and nothing will work? It may be time to get a new microSD and accessory board so you can enjoy the adventures for years to come!

TOOLS:

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

PARTS:

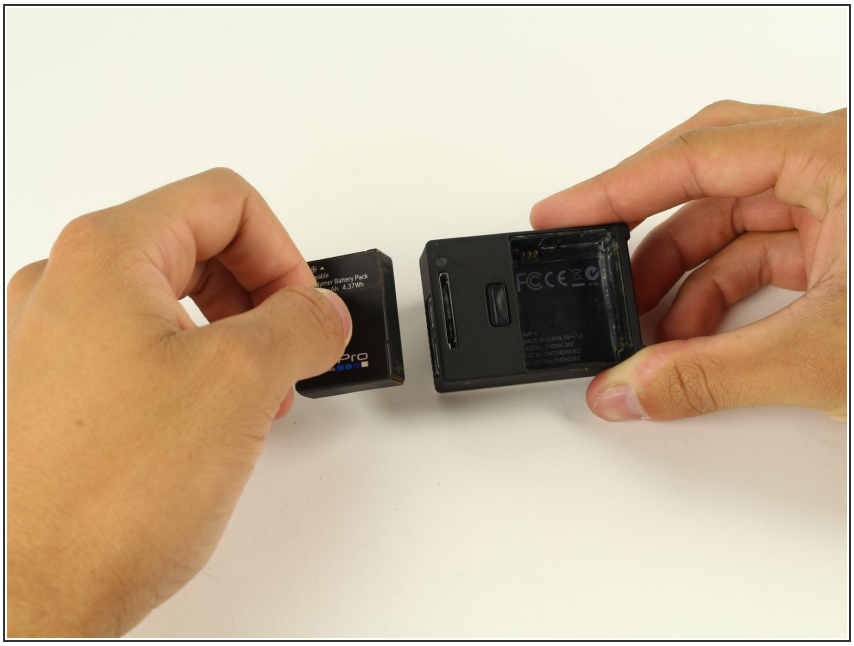
- GoPro Hero3 Plus Black Front Panel (1)
- GoPro Hero3 Plus Black Image Sensor (1)
- GoPro Hero3 Plus Black Rear Case (1)
- GoPro Hero3 Plus Black Expansion Port (1)
- GoPro Hero3 Plus Black Motherboard (1)

Step 1 — Battery

- Pull the tab on the back of the device to release the back cover. It should come right off.

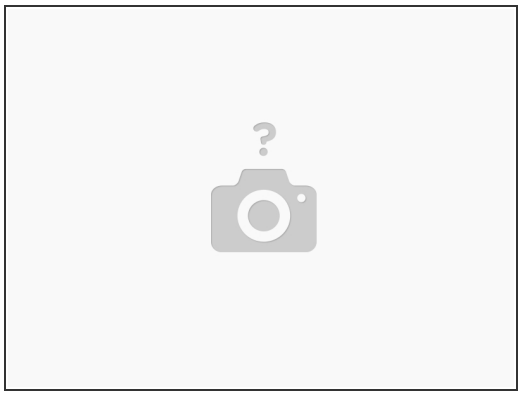
ⓘ The device pictured does not include the back cover.

Step 2



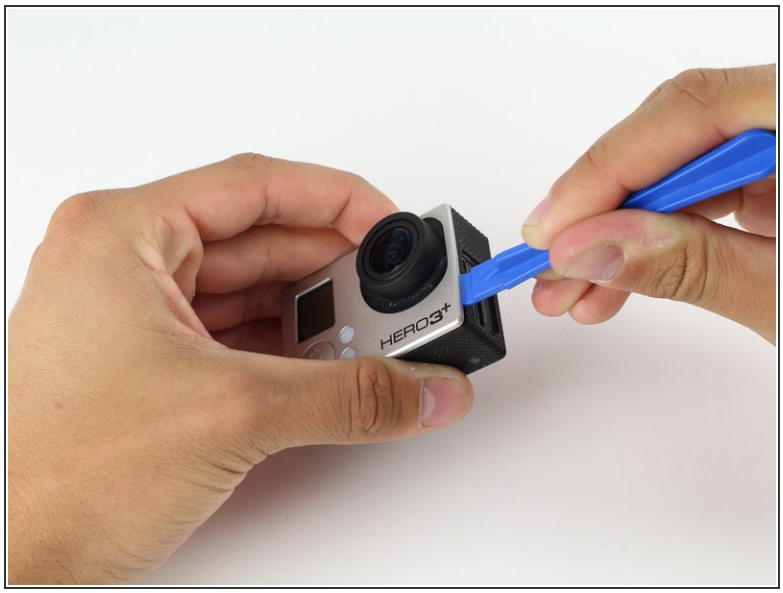
- Use the battery tab to pull the battery out of the device.

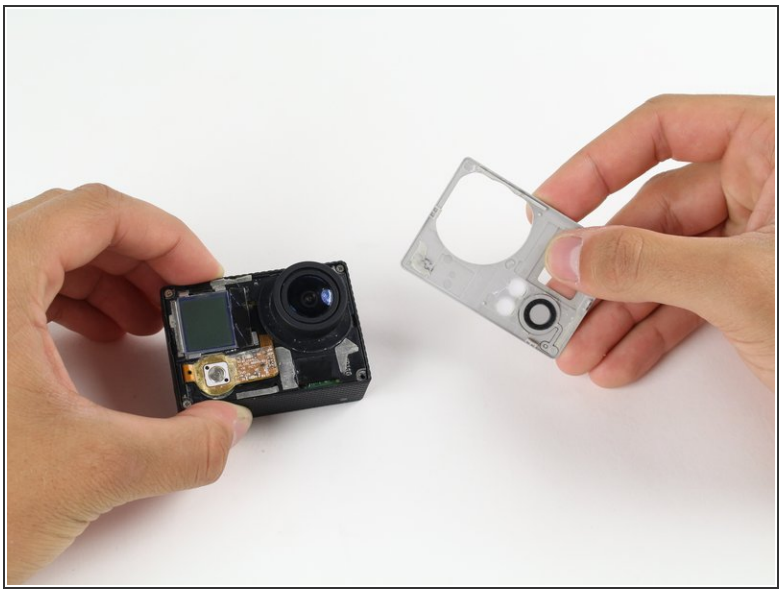
Step 3



- Remove the battery from the slot.

Step 4 — Front Face Plate

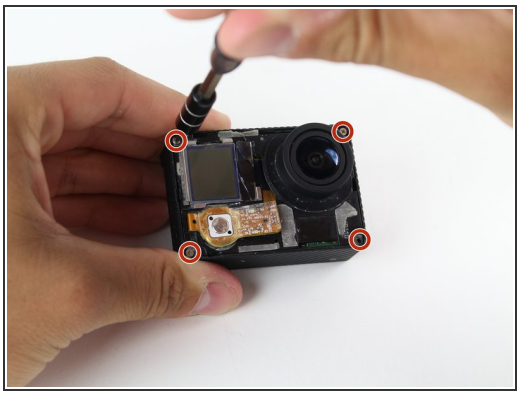
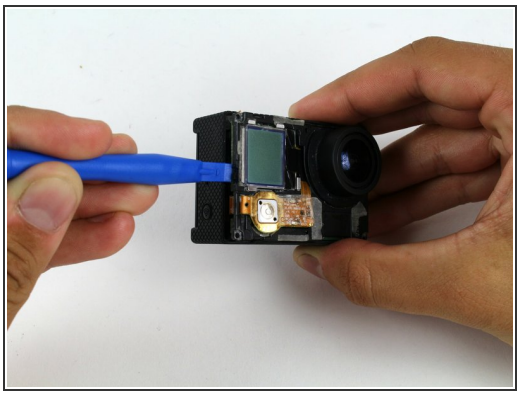
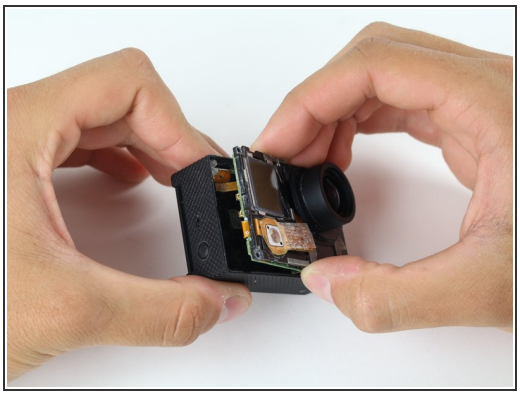




- Using a plastic opening tool, pry the gray, front face plate until it can be removed from the housing.

⚠ To avoid breaking or weakening the tabs on the face plate which hold it in place, alternate the sides from which you pry and check each tab before separating the plate from the body.

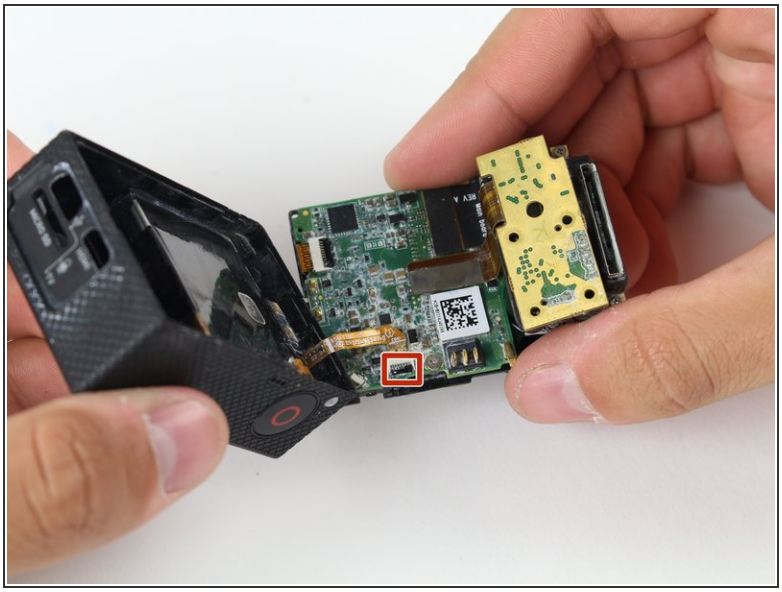
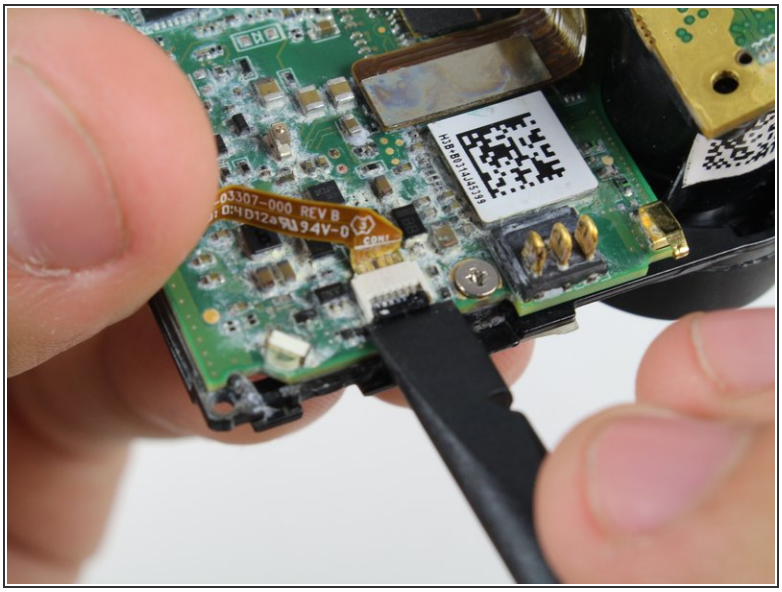
Step 5 — Image Sensor

- Using your screwdriver, remove the four 8.1mm PH00 screws securing the motherboard to the black housing unit and set them aside.
- Use the plastic opening tool to help pry the motherboard/midframe up from the main housing. Once you can get a hold of the edge, simply pull the internal components up and out!

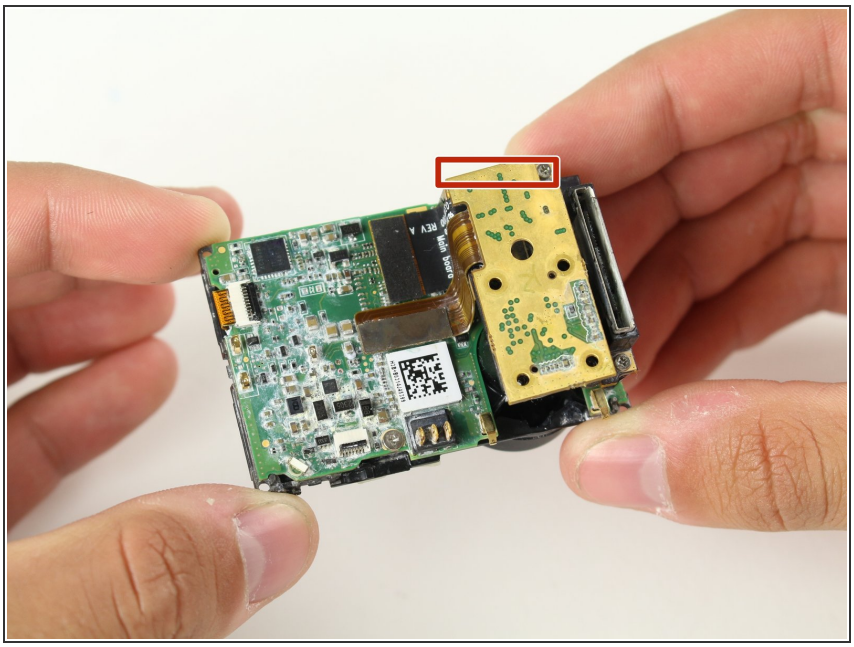
⚠ Watch out for the ribbon cable connecting the midframe and the motherboard to the GoPro housing. See the next step.

Step 6

- Remove the ribbon cable connecting the housing to the motherboard by flicking up the black clip with the spudger tool and gently pulling the cable out.

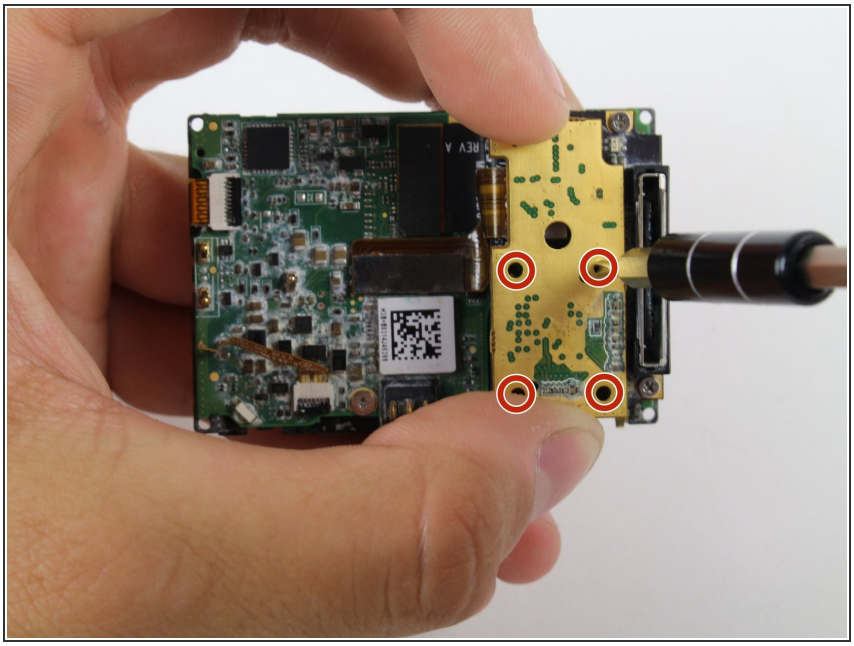
Step 7



- Once the internal components are removed, take out your handy dandy spudger tool and pry off the piece of tape that holds down the image sensor.

  Disclaimer: Our device is just a teardown unit and no longer has the tape. The markup depicts the location where the tape would be located.

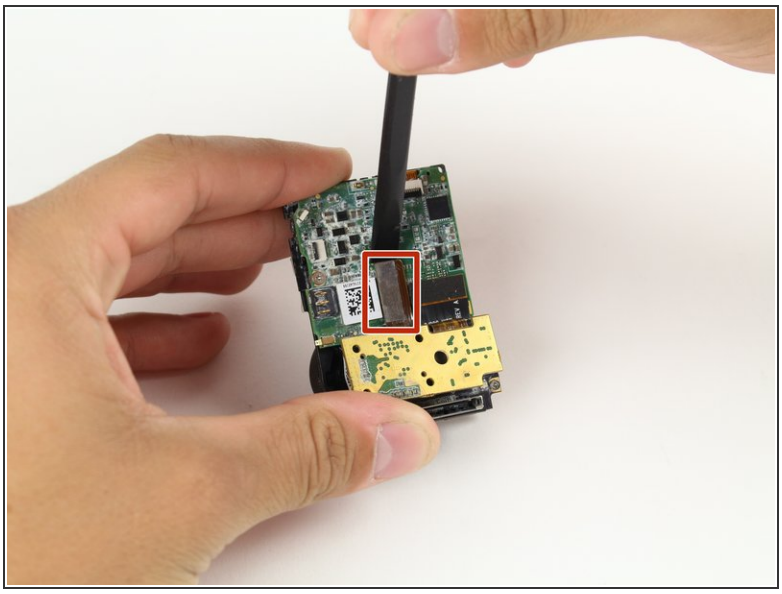
Step 8

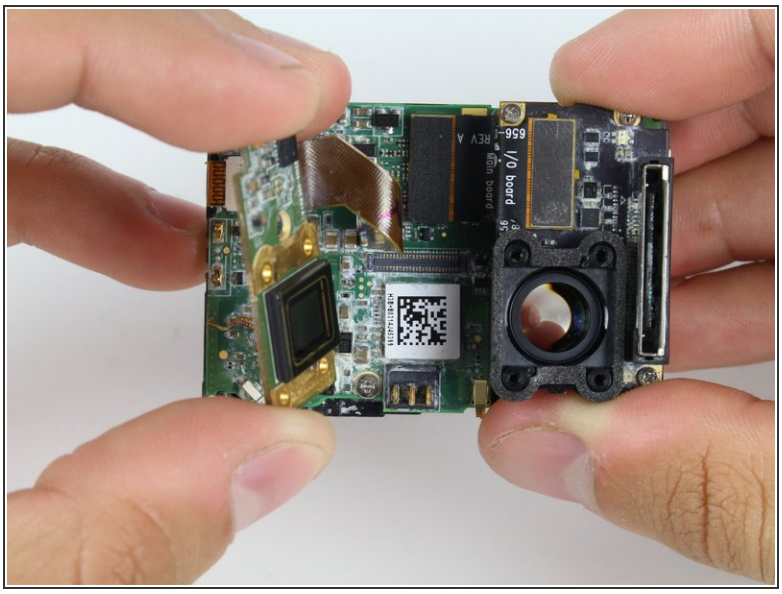


- Using your screwdriver, remove the four PH00 screws securing the image sensor to the motherboard.

  Disclaimer: The unit used for this guide did not include these screws. Set them aside so you do not mix them up with the previously removed screws.

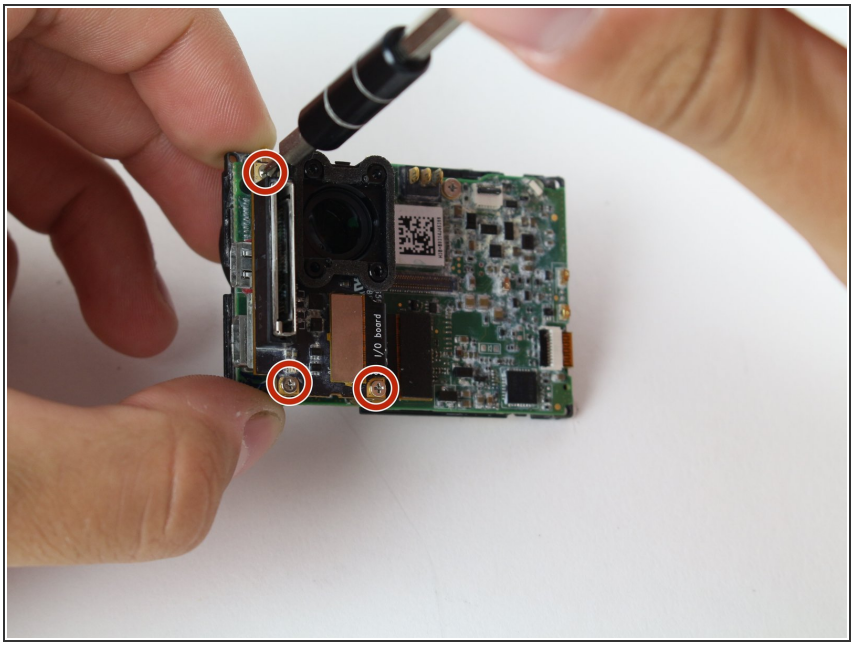
Step 9





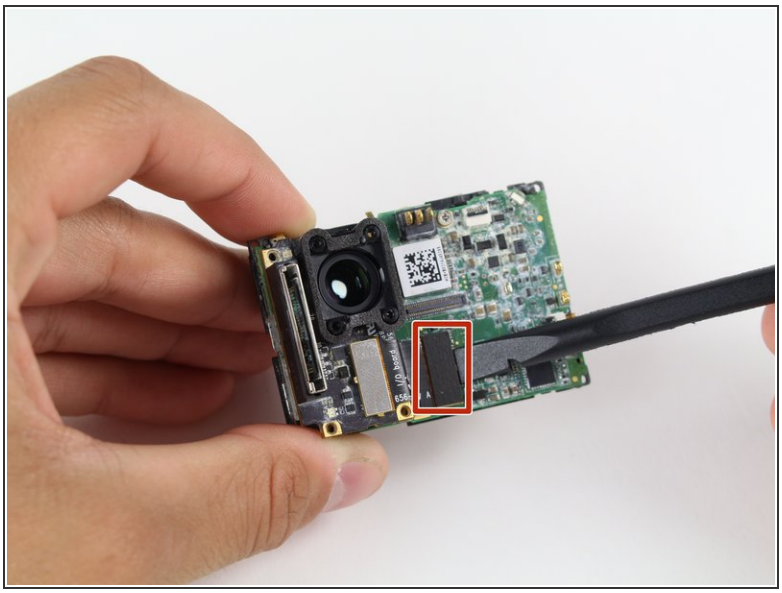
- Using the spudger tool, pry off the connector ribbon from the motherboard (don't worry it comes off pretty easily).
- Remove the image sensor from the motherboard assembly.

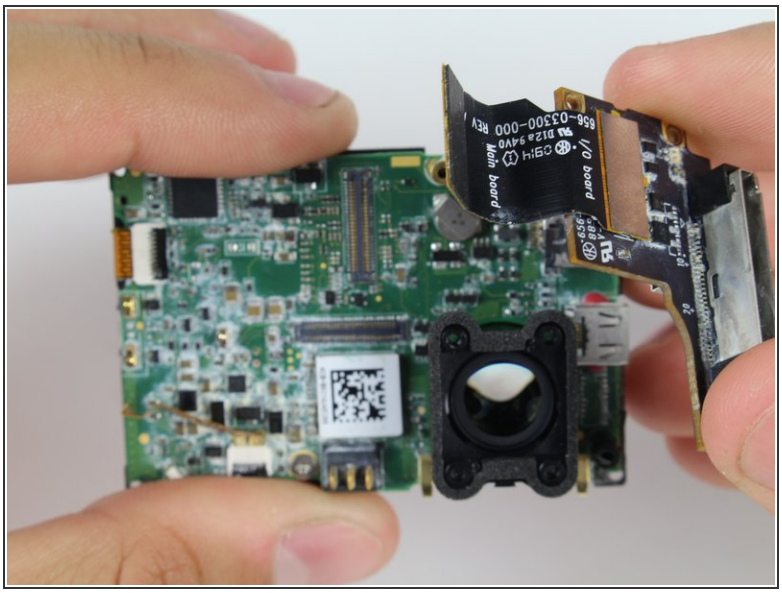
Step 10 — microSD and Accessory Board



- Using your screwdriver, remove the three 4mm PH00 screws that hold down the metal plate.

Step 11





- Using the spudger tool, pry off the corresponding ribbon cable from the motherboard.
- The microSD/accessory board is ready to come off.

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