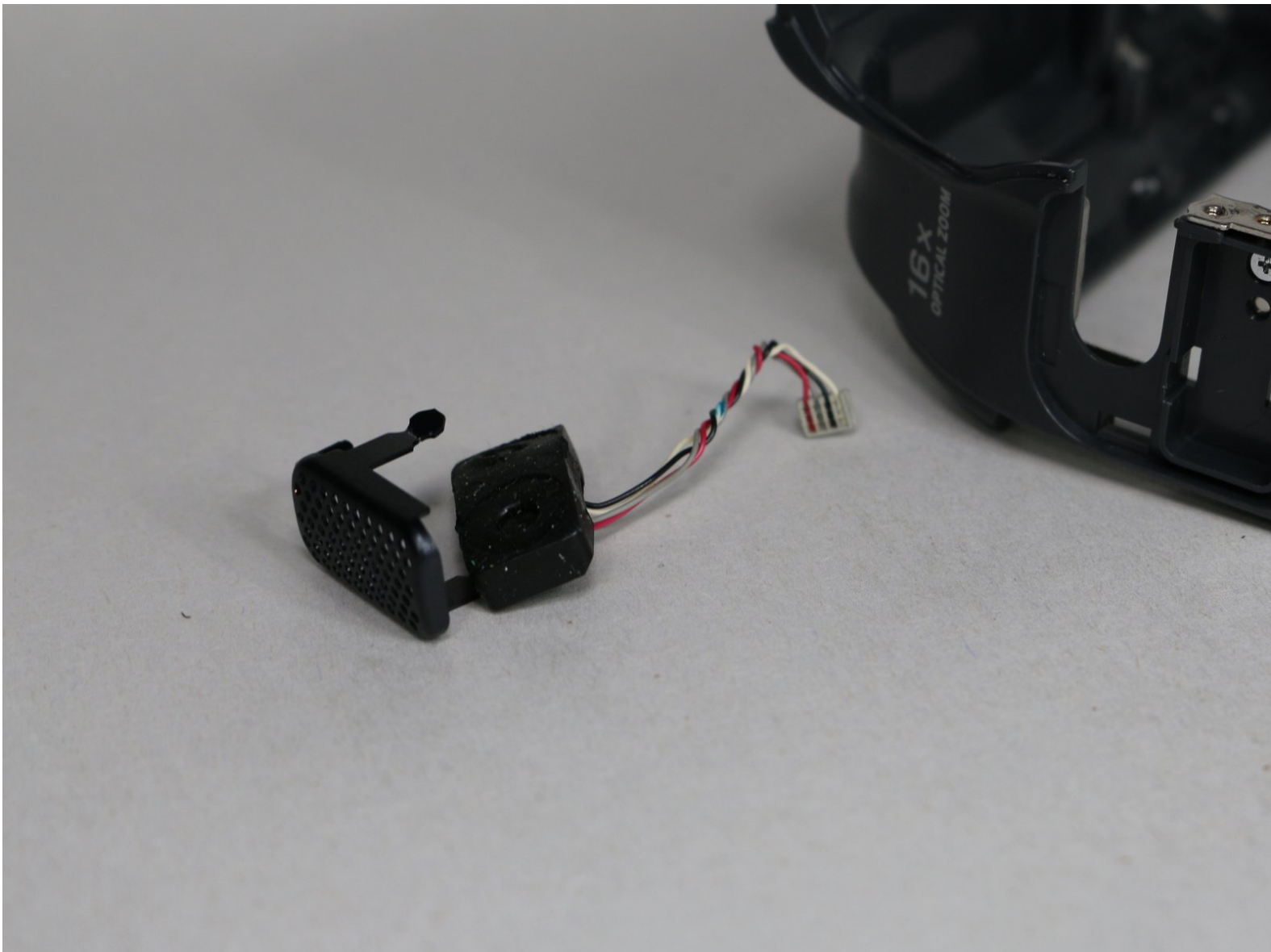




JVC GR-D72U Microphone Replacement

Replacement guide for the microphone. The microphone is what records audio for the camcorder.

Written By: Jonah Powers



INTRODUCTION

Sometimes a video will not be able to record audio or it could be muffled or scrambled. If you are sure that the problem lies in the microphone you should replace it. To remove the microphone you will need a Phillips #000 screwdriver, small plastic opener, and metal spudger.

This guide requires removing a lot of screws so it is important to keep track of which screw goes where. All screw heads are Phillips size #000.



TOOLS:

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

Step 1 — Battery



- Locate button on bottom of camera.
- Slide button to the right.

Step 2



- Pull the battery towards the bottom of the camcorder while lifting battery

Step 3 — Lateral Function Port Panel



- Remove silver plate that says “Auto Light” on the top of the camera using a metal spudger.
- Remove the 3.1 mm screw.
- Remove the three 5.3 mm screws from the back of the camera.

Step 4



- From the bottom of the camera remove the following four screws:
 - 5.3 mm
 - 3.1 mm
 - 5.1 mm
 - 3.5 mm

Step 5



- Use the small plastic opening tool to remove the blue side cover piece.

Step 6



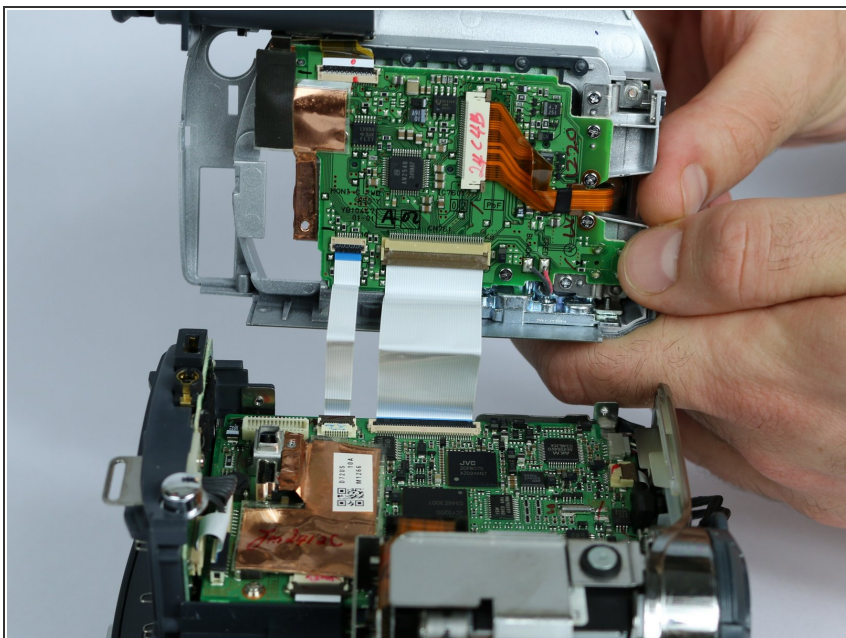
- Remove the 3.1 mm screw on top of the camera, closest to the LCD monitor.
- Remove the 5.4 mm screw next to the snapshot button.

Step 7



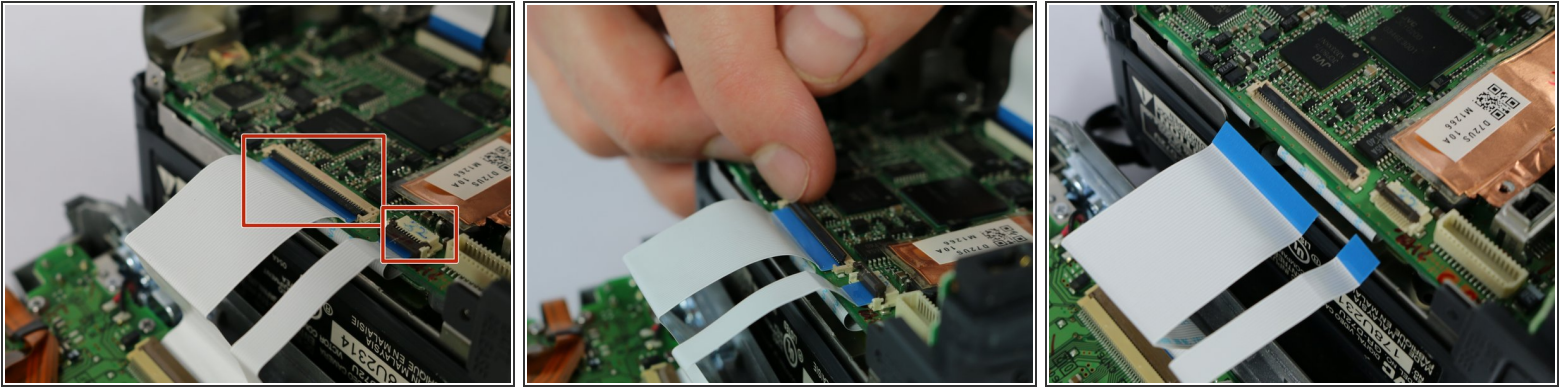
- Remove the 3.1 mm screw next to the USB and DV inputs.

Step 8



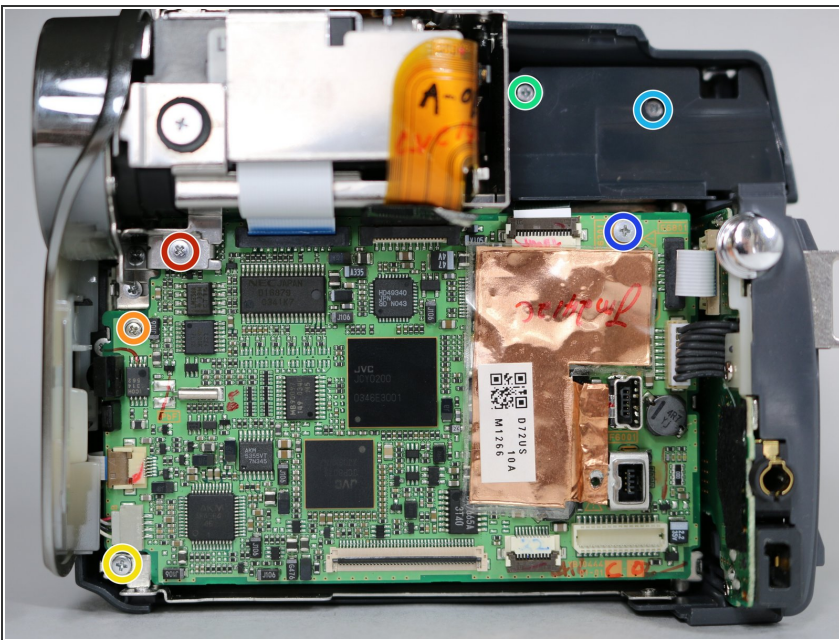
- Gently pull apart both halves of the camera to reveal the inner components.

Step 9



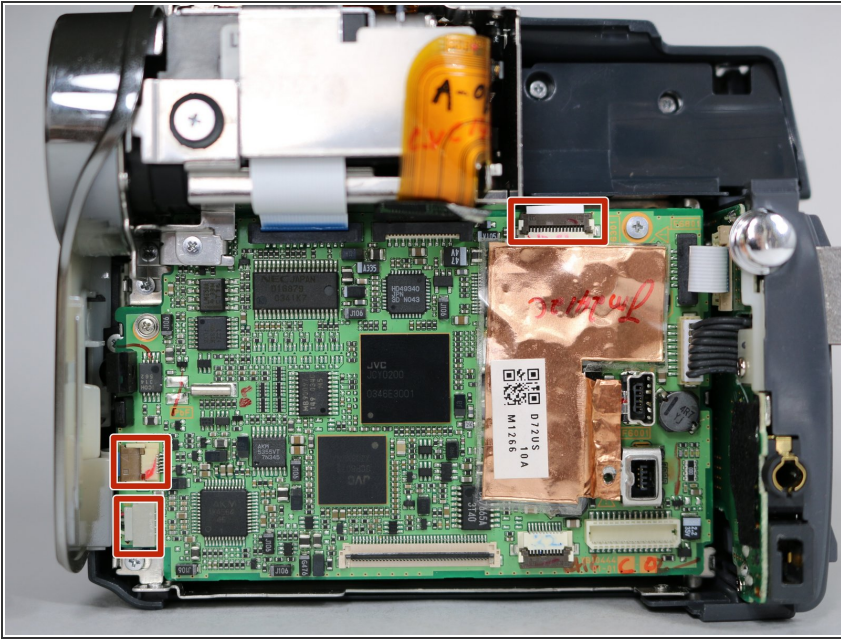
- Flip the cable locks to the up-position and pull both cables connecting the lateral function port panel to the rest of the camera.
- Insert the cables from the new port panel into their inputs and flip the locks to the down position.
- ⓘ It is easier to use tweezers when inserting the cable but not required.

Step 10 — Cassette Holder



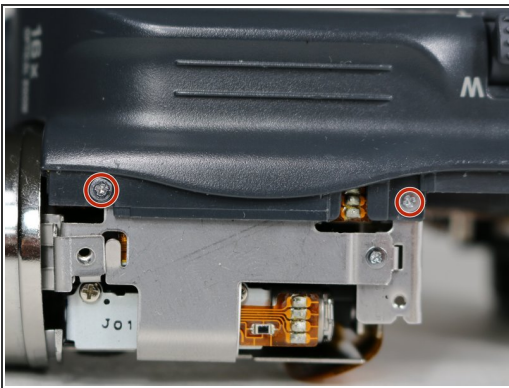
- From the inside of the camera remove these six screws.
- 3.3 mm
- 3.6 mm
- 3.1 mm
- 4.3 mm
- 4.3 mm
- 3.7 mm

Step 11



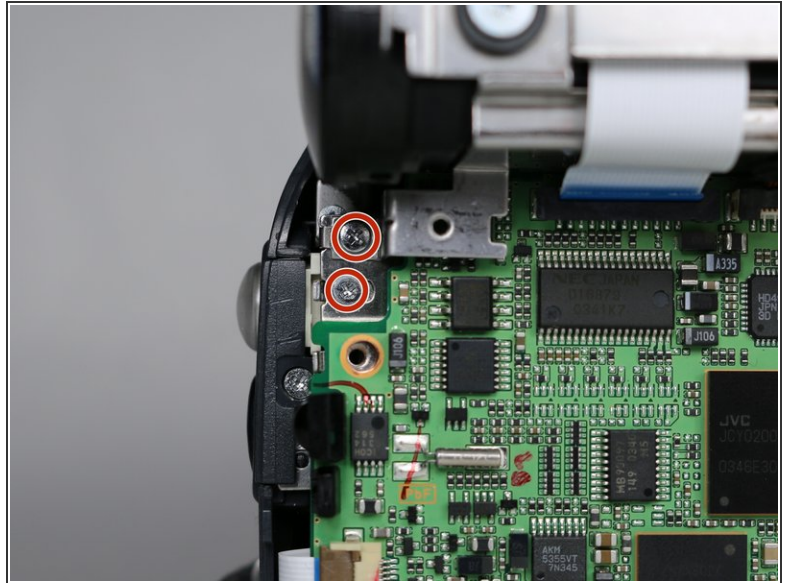
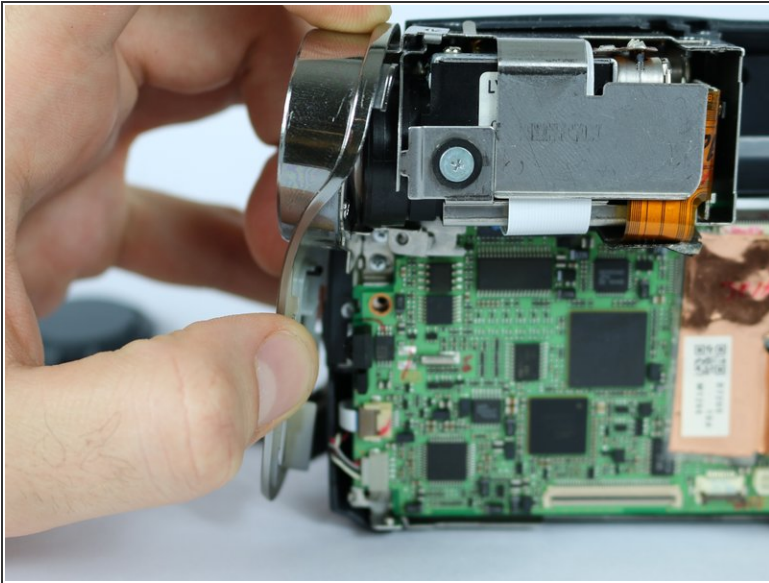
- Unplug the three cables from the circuit board.

Step 12



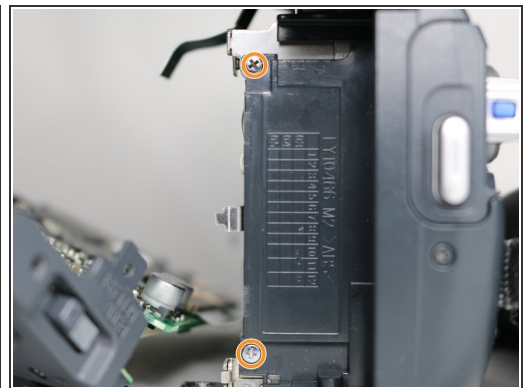
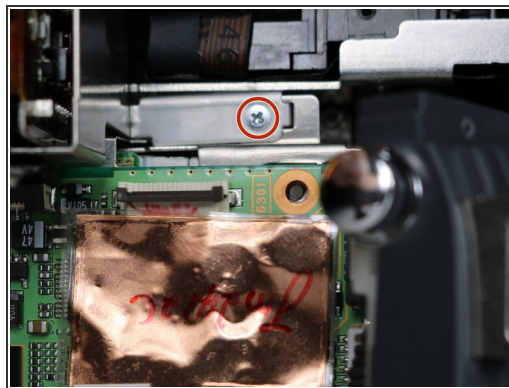
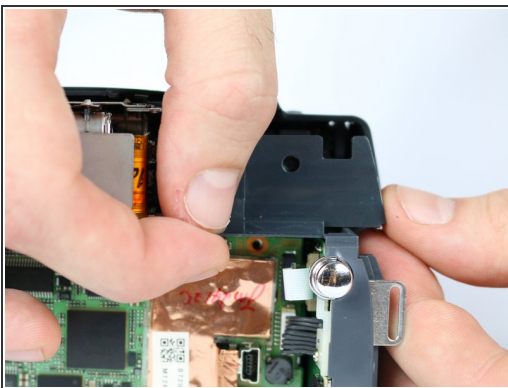
- From the top of the camera remove the two 3.1 mm screws securing the lens to the camera frame.
- From the bottom of the camera remove the 3.2 mm screw next to the battery release switch.
- Remove the 9.1 mm screw next to the menu and volume control label.

Step 13



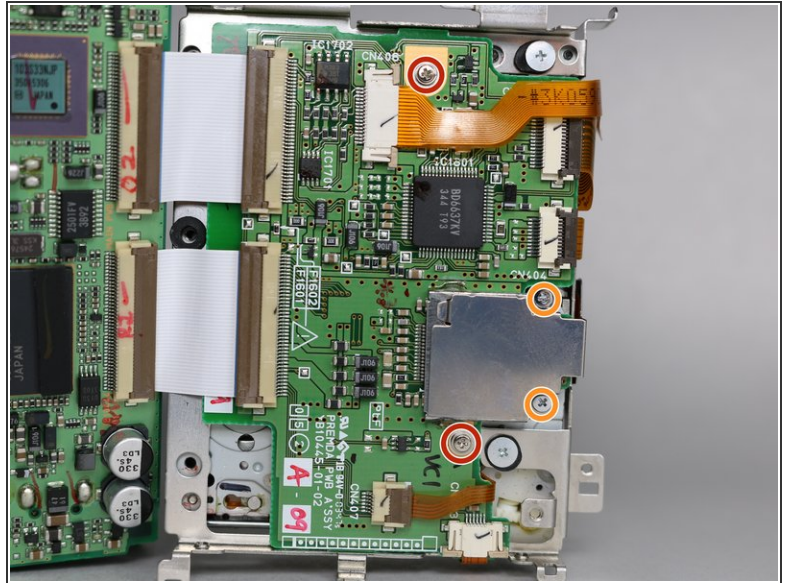
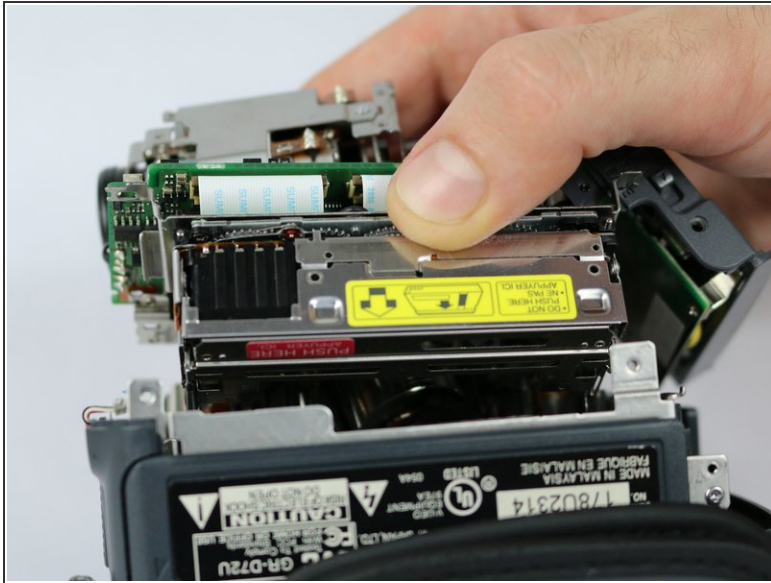
- Remove the lens cap housing.
- Remove the two 3.1 mm screws from the inside of the camera.

Step 14



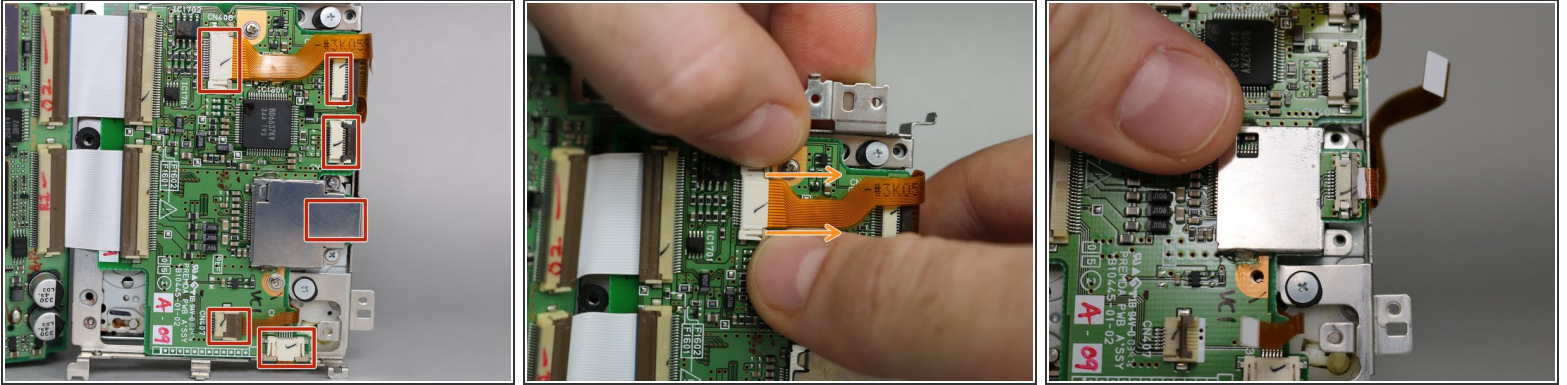
- Remove the plastic cover piece next to the silver light button.
- Remove the 3.1 mm screw securing the lens to the circuit board.
- Remove the two 3.3 mm screws from underneath the battery port.

Step 15



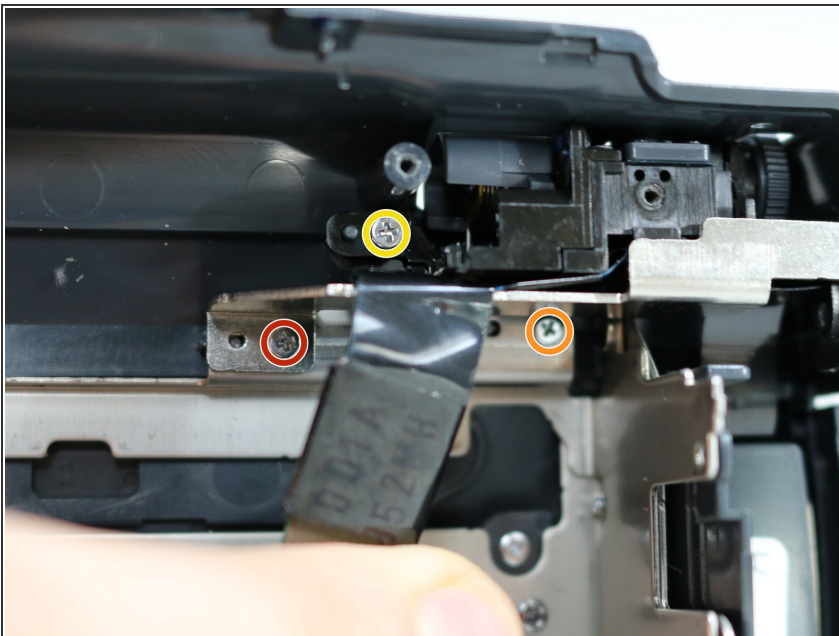
- Take the cassette holder and circuit board by lifting it out of the camera frame.
 - Remove the two 3.6 mm screws.
 - Remove the two 1.8 mm screws then the plate.
- i** If you are following this guide to replace the LED light or microphone you do not need to follow this step or the next step.

Step 16



- Remove the six cables (one is underneath the metal plate) connecting the cassette holder to the circuit board.
- To unplug two of the cables you must first pull the lock tabs out (towards the cable) then remove the cable.

Step 17 — LED Light



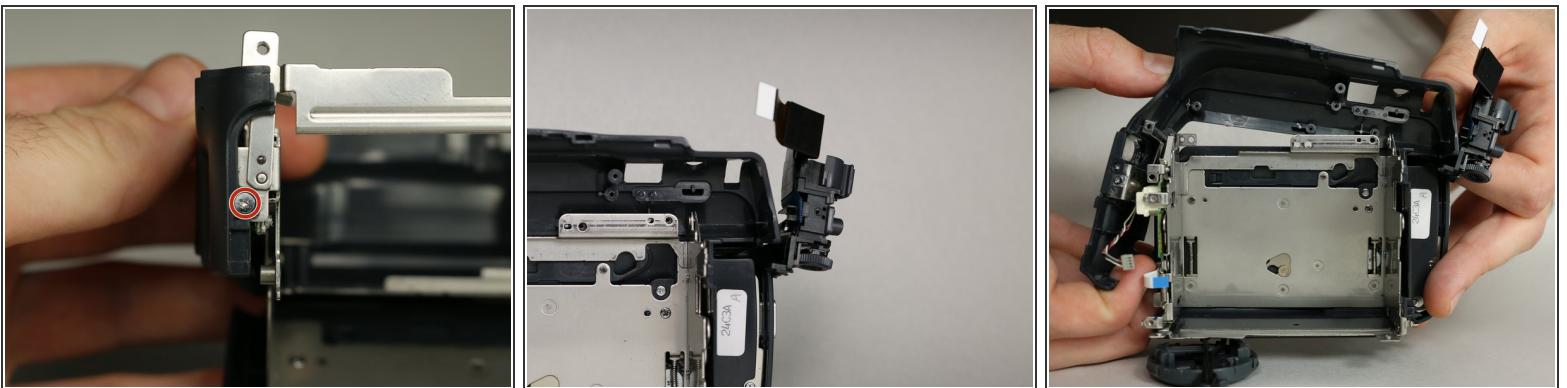
- Remove the three screws securing the microphone housing and camera operation buttons to the frame with the following sizes:
 - 4.3 mm
 - 3.1 mm
 - 4.2 mm

Step 18



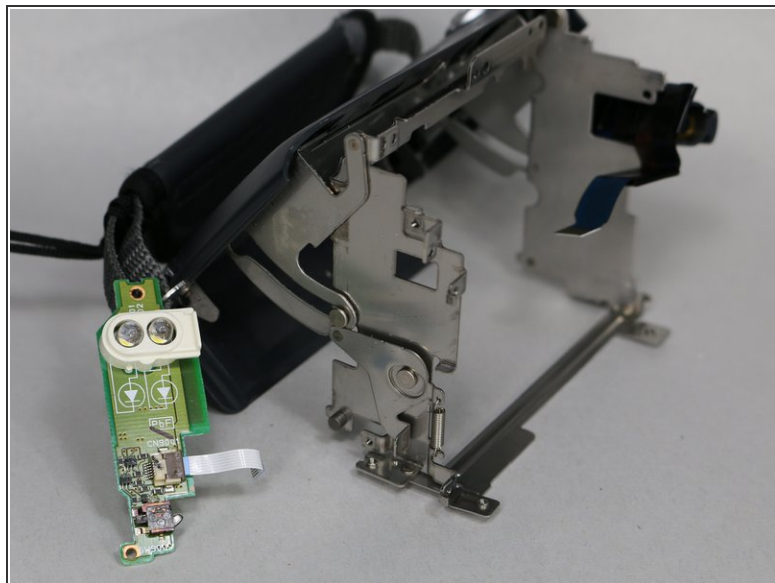
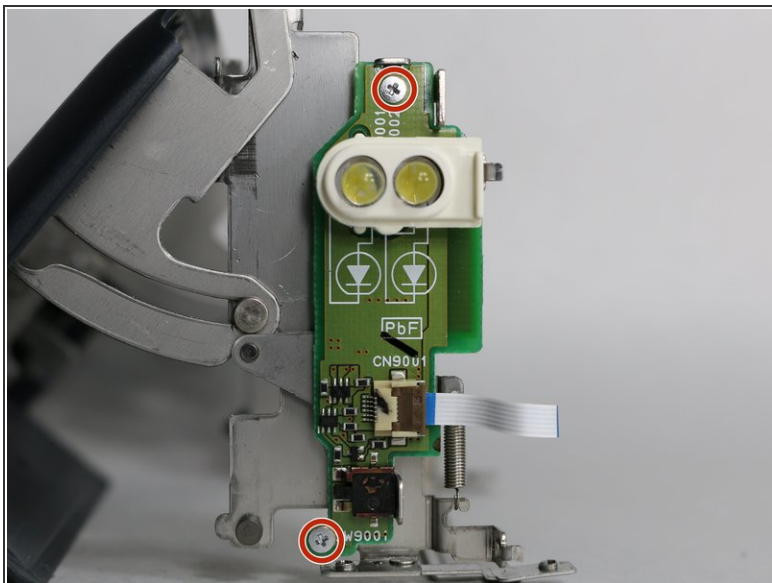
- Remove the 4.3 mm screw on the bottom of the camera frame.
- Remove the two 4.3 mm screws above the LED securing the microphone housing to the frame.

Step 19



- Open the cassette holder to reveal a 2.4 mm screw on the bottom of the camera and remove it.
- Make sure the camera operation buttons are positioned completely outside of the camera frame.
- Gently lift the microphone housing from the front-bottom side of the camera and remove it from the frame.

Step 20



- Remove the two 2.3 mm screws holding down the LED chip and remove the chip.

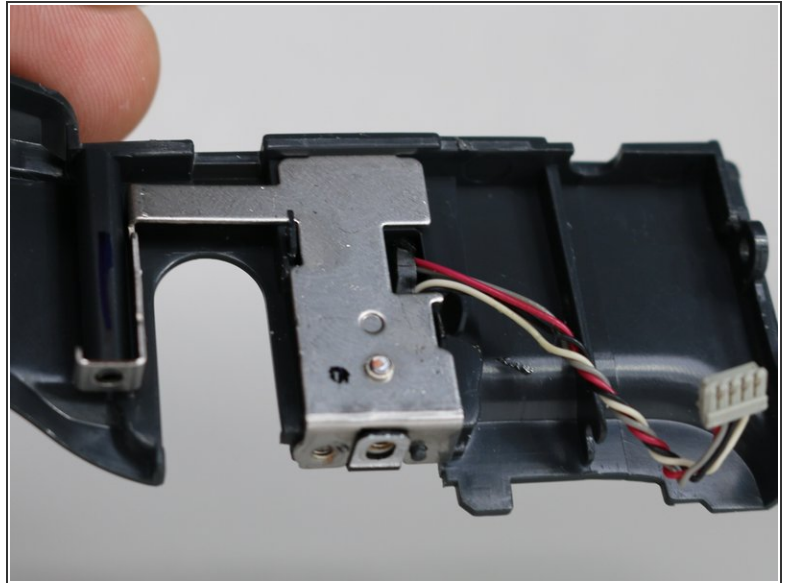
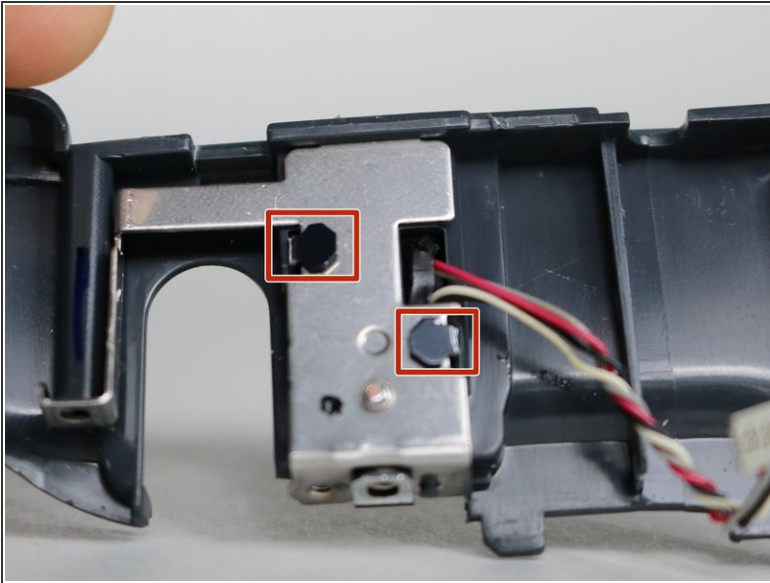
i Ignore this step if you are following this guide for the microphone.

Step 21 — Microphone



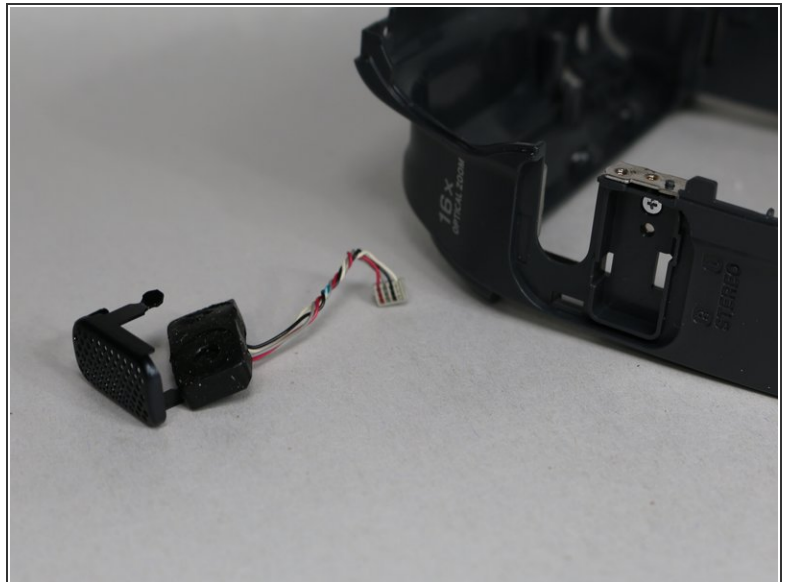
- Remove the two 1.6 mm screws securing the microphone casing.
- Pull off the microphone casing.

Step 22



- Pry up the two tabs and push them to remove the microphone cover.

Step 23



- Use a metal spudger to lift the microphone out of its housing.

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