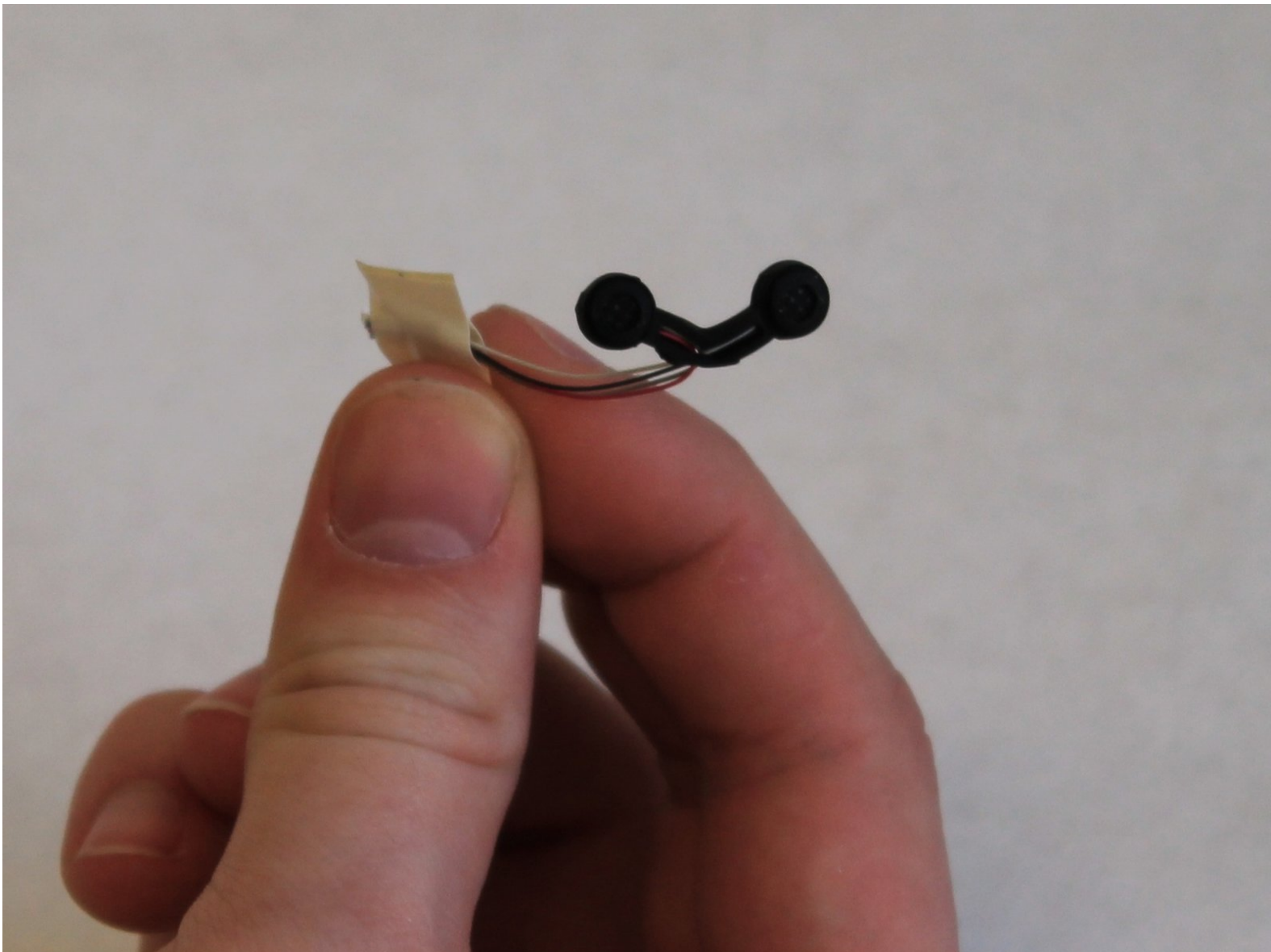




Canon Vixia HF R500 Microphone Replacement

This guide will inform the user to replace fix the faulty microphone located in the lens cap.

Written By: Deion Woods



INTRODUCTION

If the playback on the camcorder is not producing any sound, then the problem lies in the microphone. This can be caused by a broken wire, or debris in the microphone.

TOOLS:

- [Magnetic Project Mat](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Grip Belt



- On the right side of the camcorder remove the grip belt.

Step 2 — Battery



- Hold on to the battery.

Step 3



- On the bottom of the battery hold the battery release switch.

Step 4



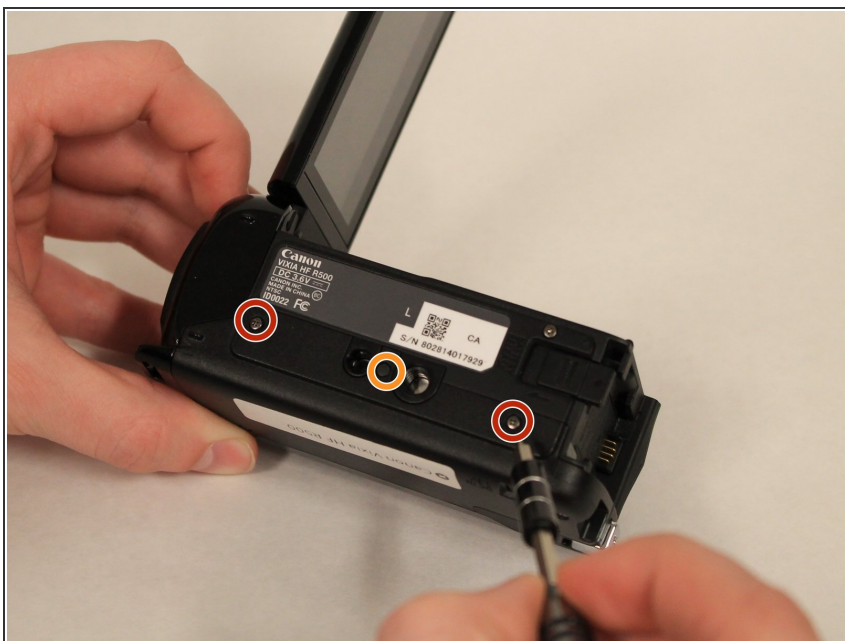
- Remove the battery slowly away from the camcorder.
- ⚠ Removing the battery quick or in a different angle may cause sparks and damage to device.

Step 5 — Canon Vixia HF R500 Disassembly



- Remove the two 8mm Philips #000 screws on the side where the grip belt was located on.

Step 6



- Remove the two 4mm Philips #000 head screws from the bottom of the camcorder.
- A hidden 4mm Philips #000 screw is shown under the black plug shown.

Step 7



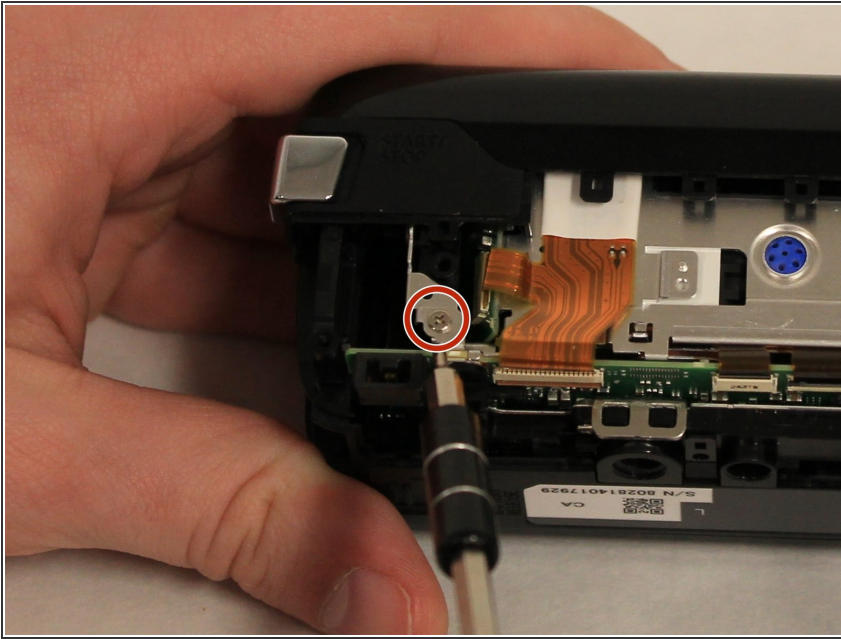
- Remove the side piece plate.

Step 8



- Near the LCD screen, remove the three 7mm Philips #000 screws in the picture shown.

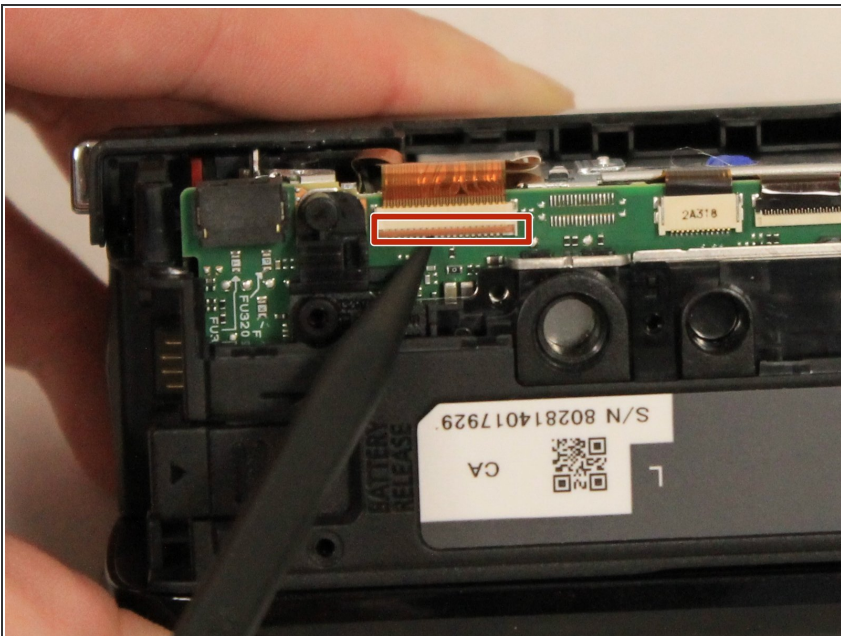
Step 9



- Carefully place the camcorder where the inside of the device is facing upwards and remove the 3mm Philips #000 screw shown.

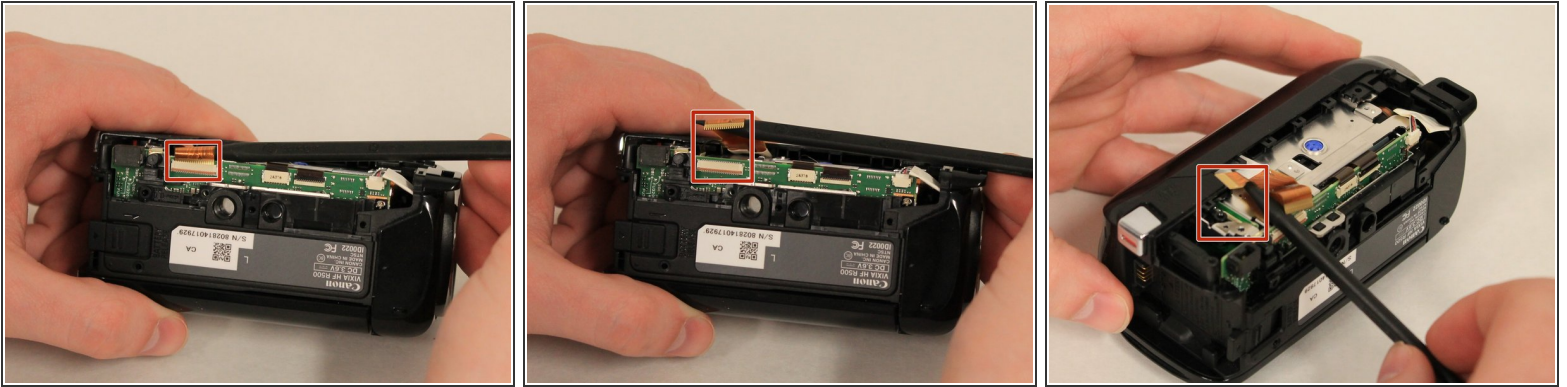
⚠ Do not use strong magnetic parts on the inside, as they may damage the device.

Step 10



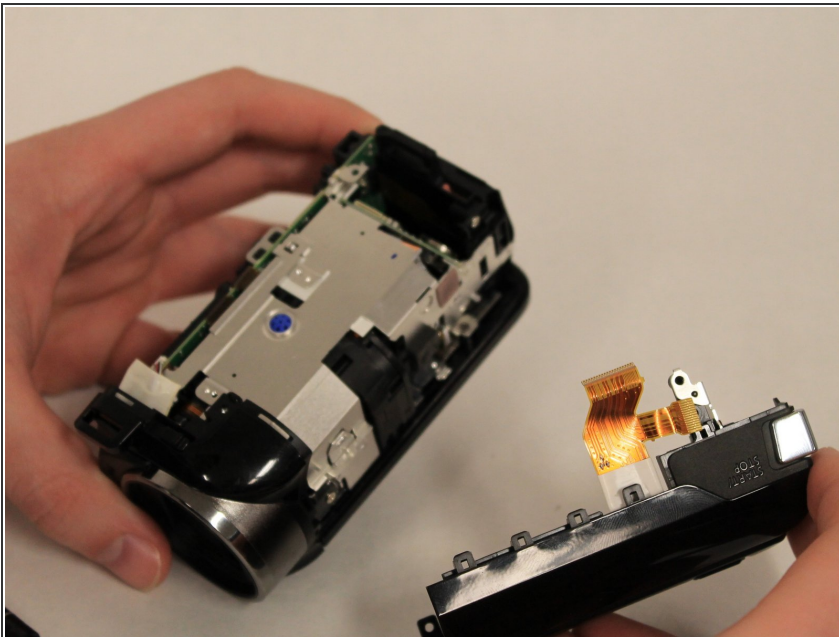
- Using the spudger, pull the tab shown to start removing the ribbon cable.

Step 11



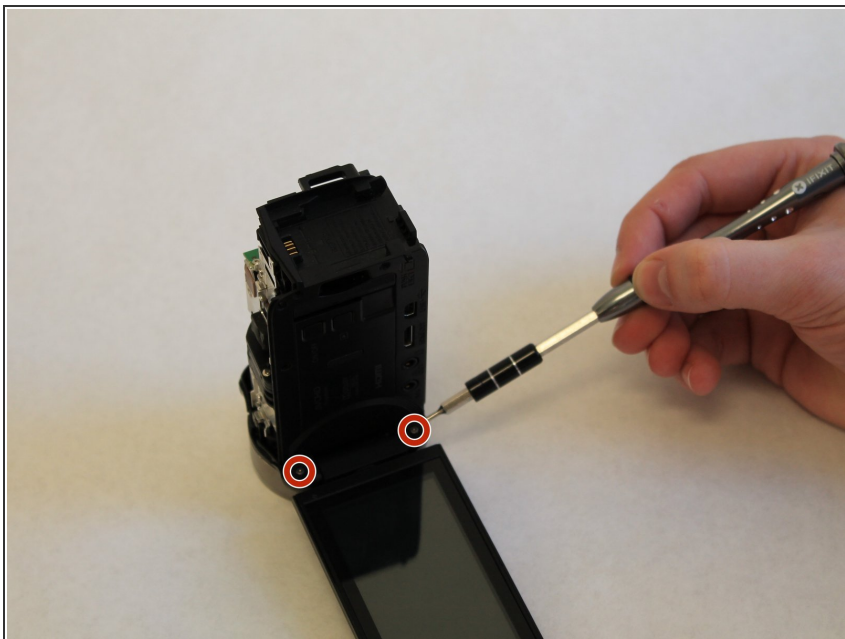
- Using the Spudger, carefully remove the two ribbon cables that are connected to the top of the device.

Step 12



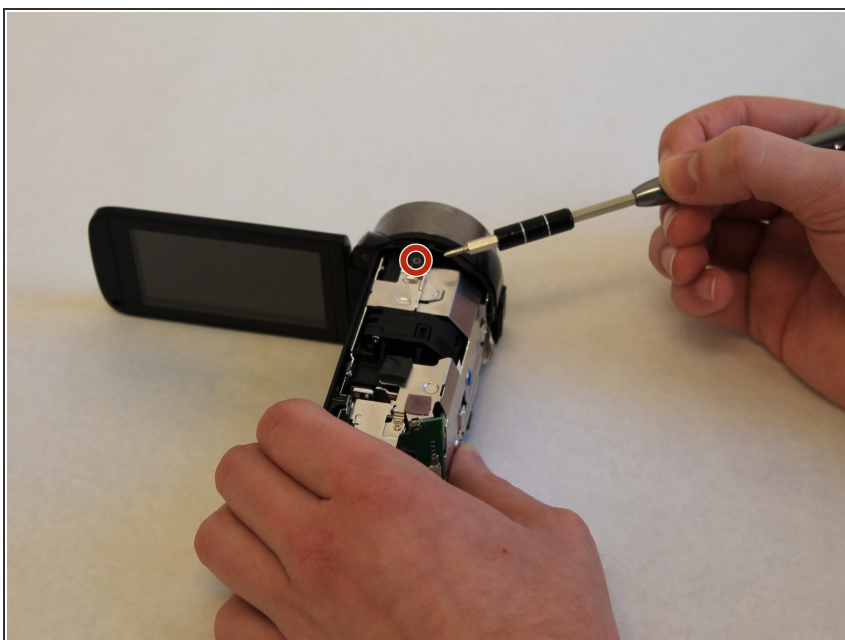
- Remove the top piece.

Step 13 — Lens Cover



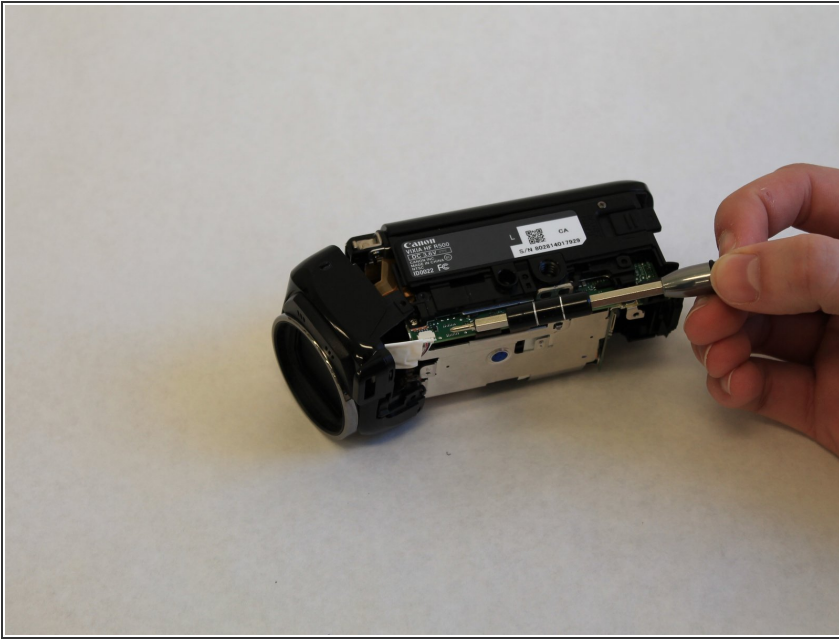
- Remove the two 5mm Phillips #000 screws near the LCD screen.

Step 14




- Remove the single 5mm Phillips #000 screw located on the top of the camera near the lens cover.

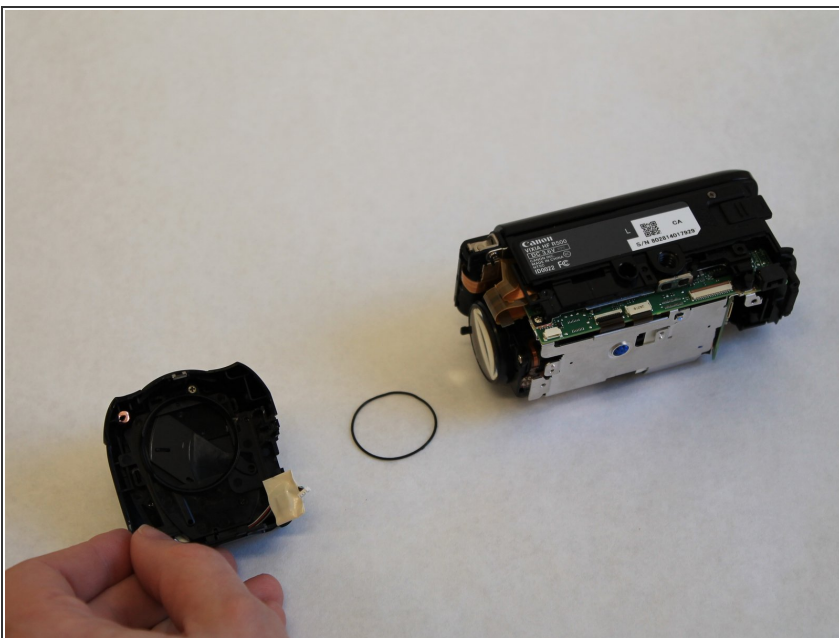
Step 15



- Unplug the cord connecting the camera to the lens cover. Grip the white plug near the port and pull it out.

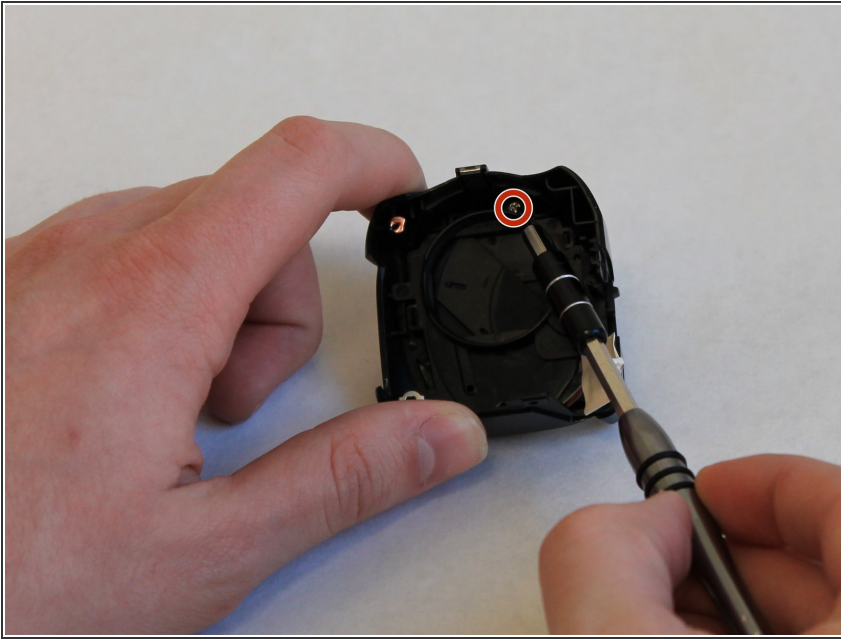
 Do not pull the cord by the wires. Grip the white plastic plug.

Step 16



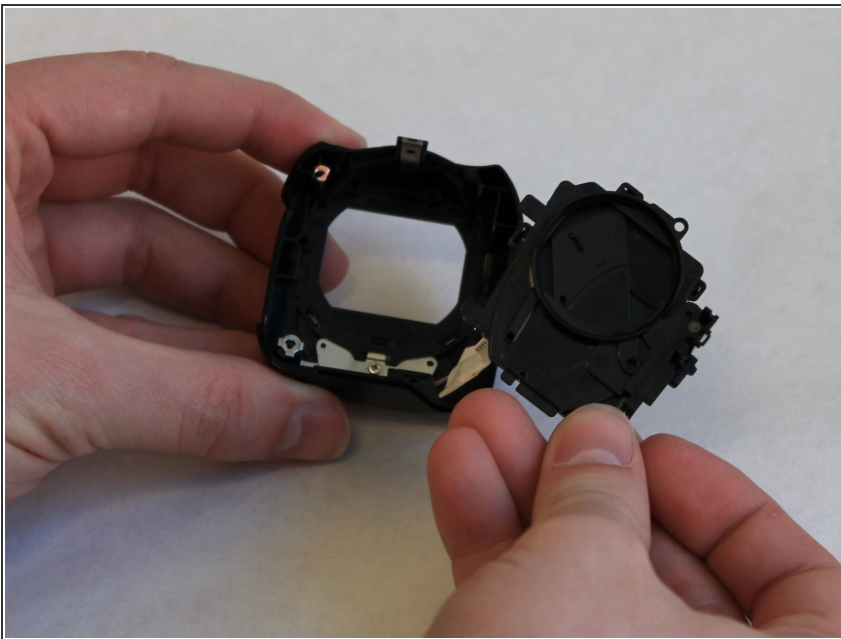
- The lens cover is detached from the camera and can now be removed.
- Repair or replace damaged components in the lens cover.
- Ensure lens cover mechanism is free of debris.

Step 17 — Microphone



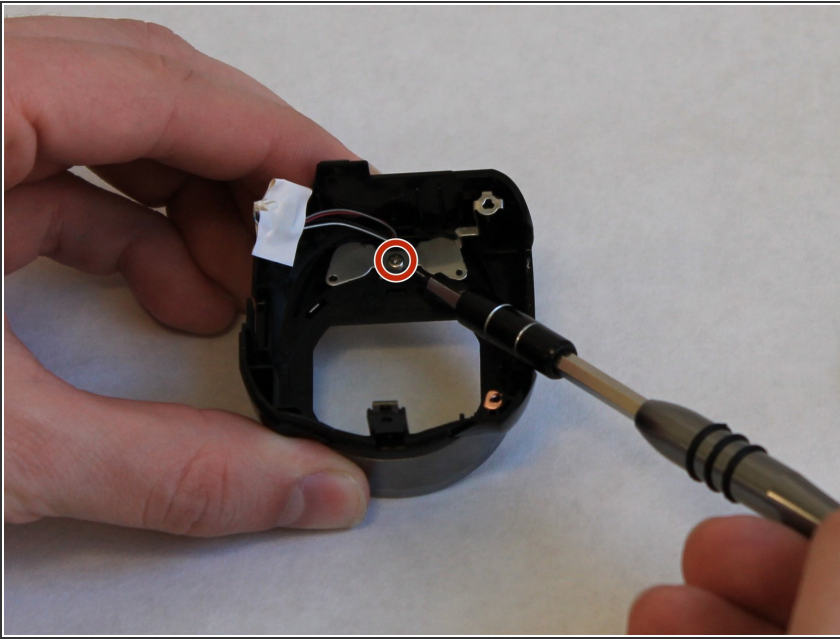
- Remove one 5mm Philips #000 screw from the lens cap.

Step 18



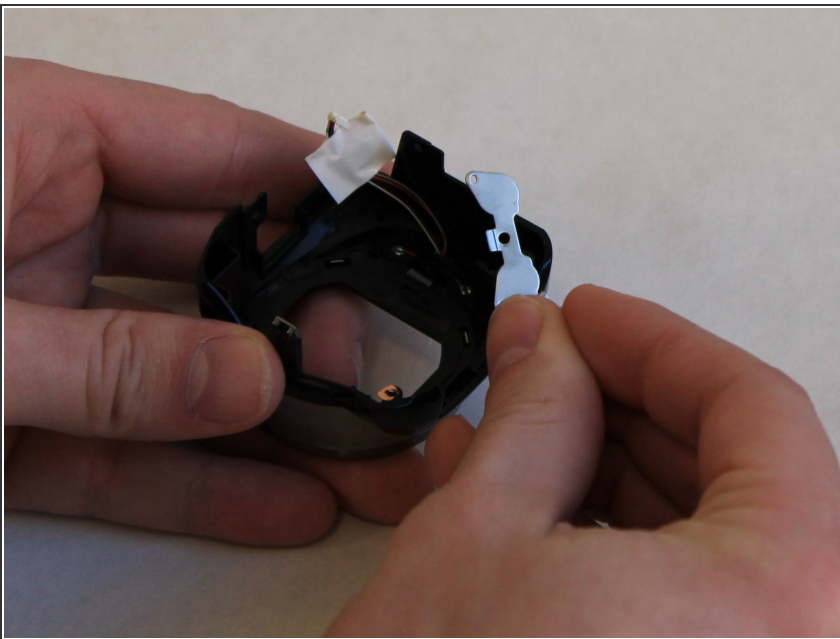
- Remove the lens cover and place in a safe place.

Step 19



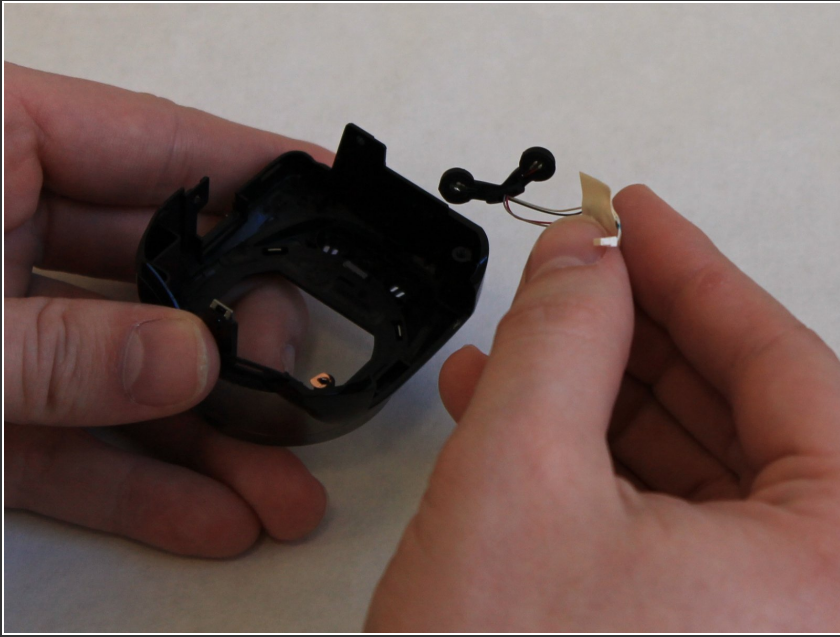
- Remove the one 3mm Philips #000 screw that holds the microphone in place.

Step 20



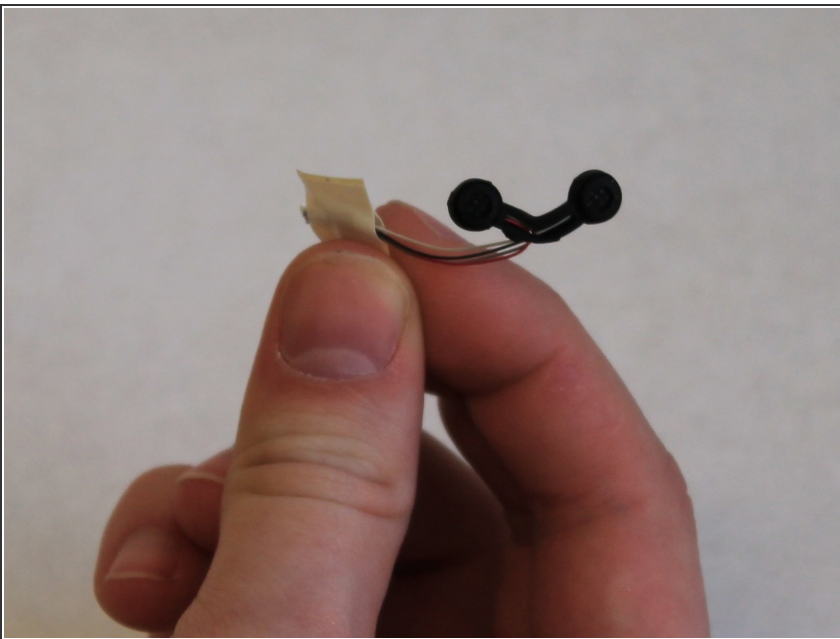
- Remove the metal plate that holds the microphone.

Step 21



- Remove the defective microphone out of the lens cap.

Step 22



- Insert the new microphone in the same place.

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