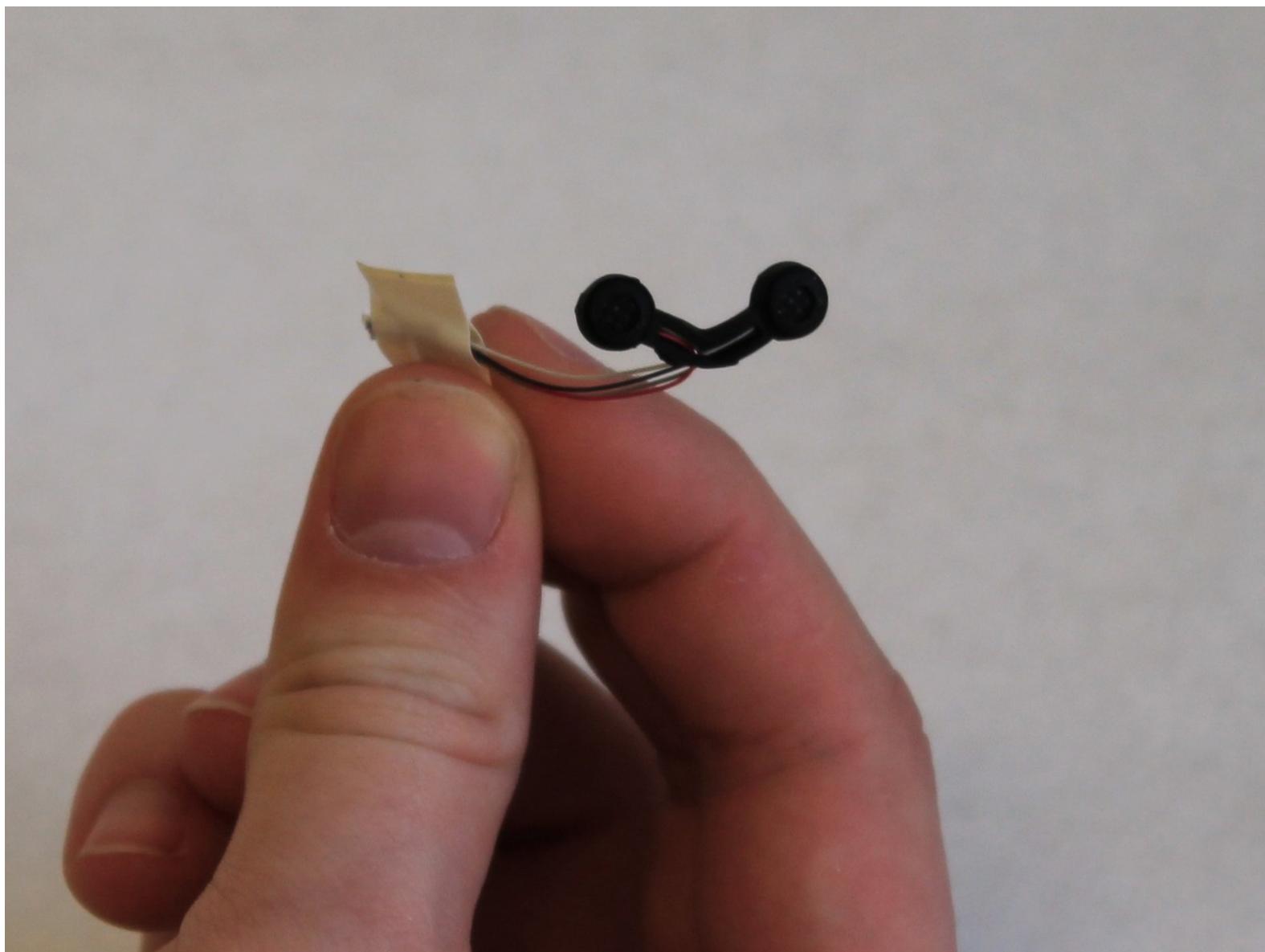




Canon Vixia HF R500 Microphone Replacement

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

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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.

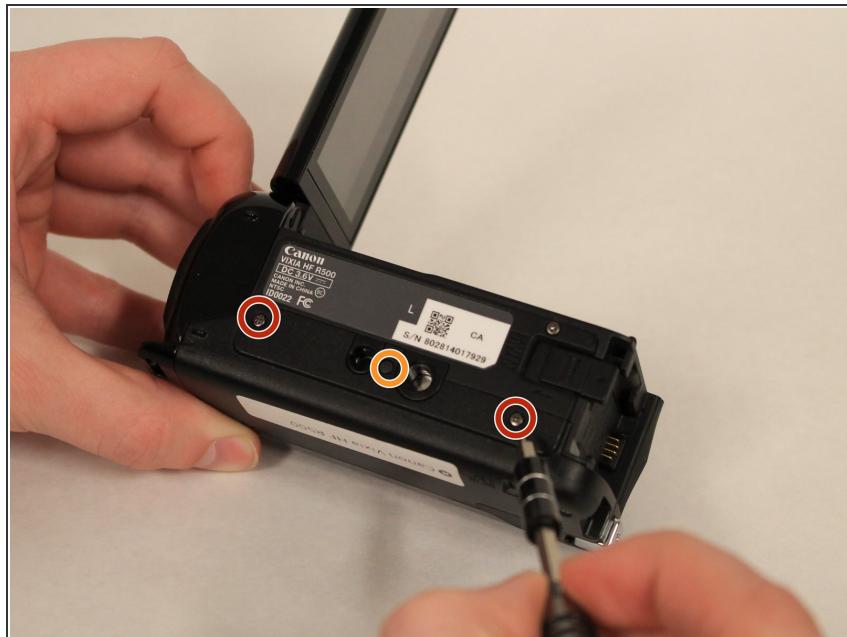
⚠ Removing the battery quick or in a different angle may cause sparks and damage to device.

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



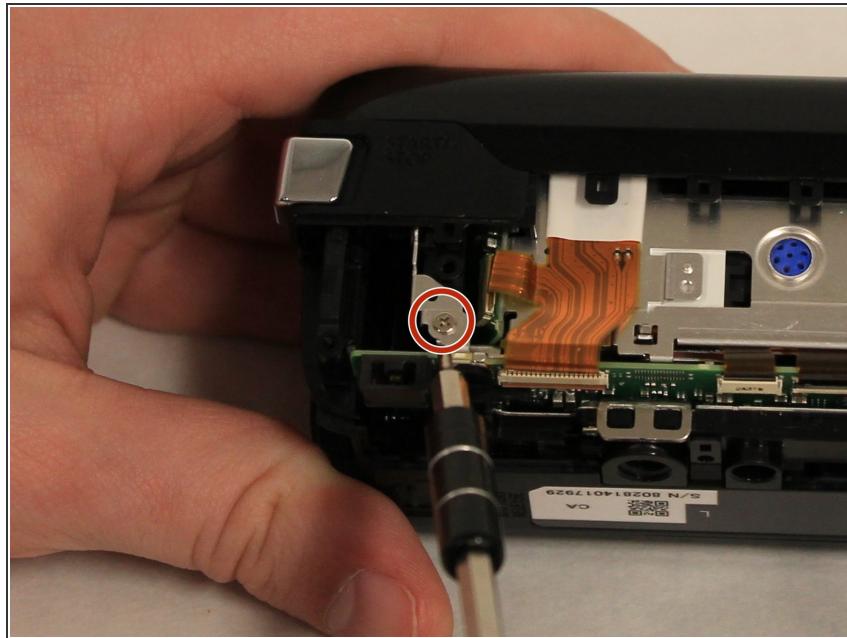
- Remove the side piece plate.

Step 8



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

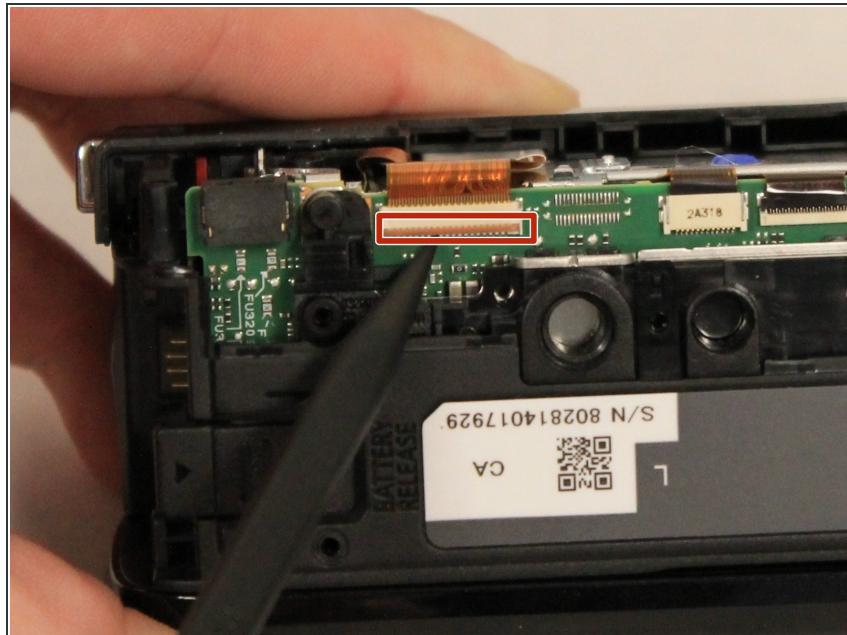
Step 9



- 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



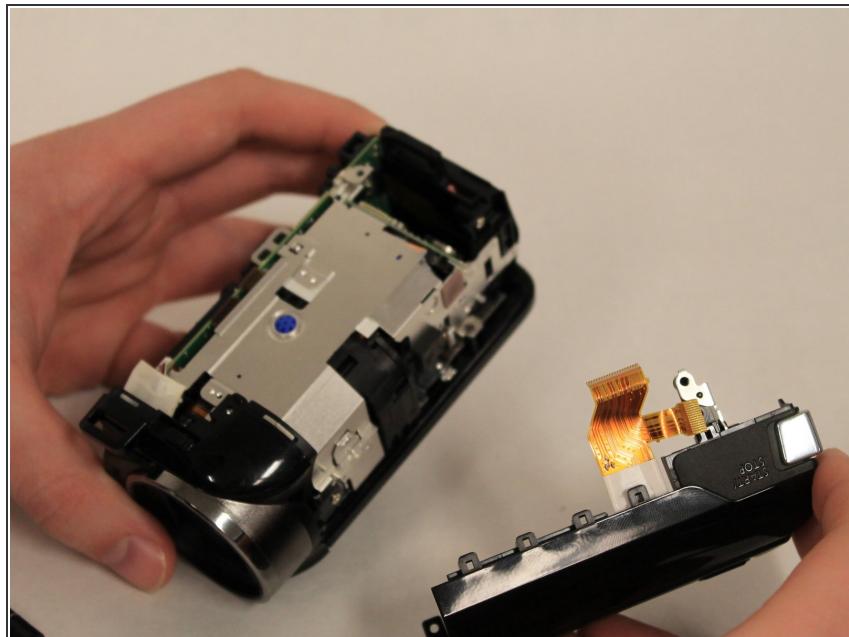
- Using the spudger, pull the tab shown to start removing the ribbon cable.

Step 11



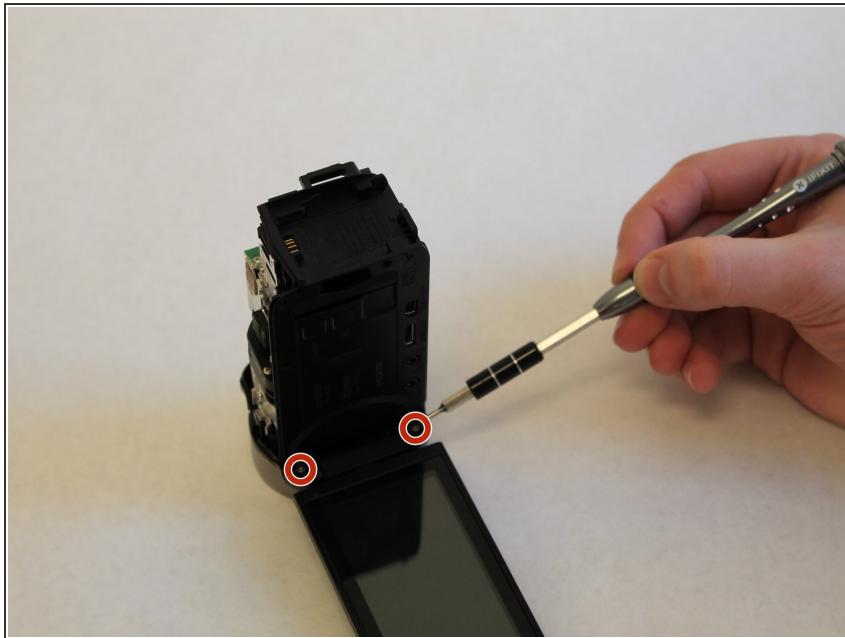
- Using the Spudger, carefully remove the two ribbon cables that are connected to the top of the device.

Step 12



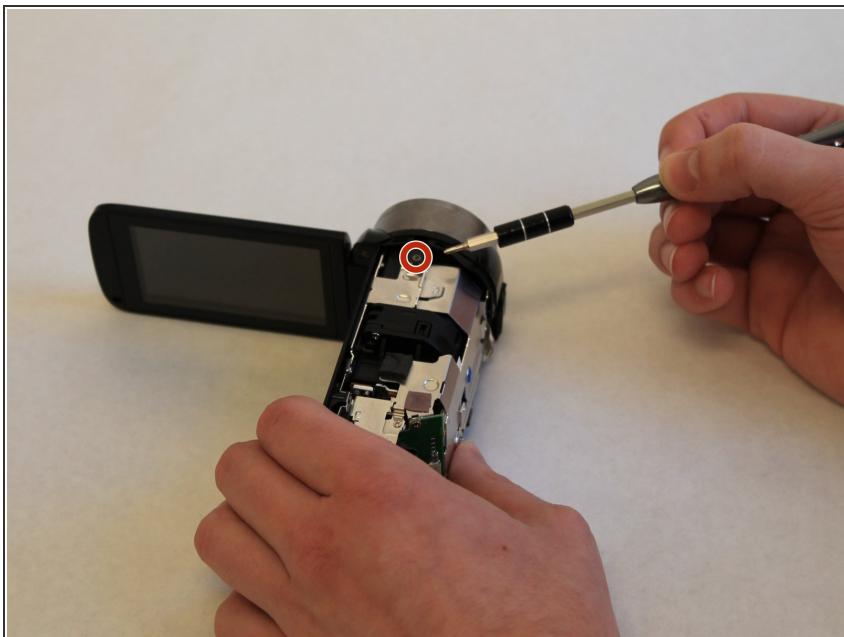
- Remove the top piece.

Step 13 — Lens Cover



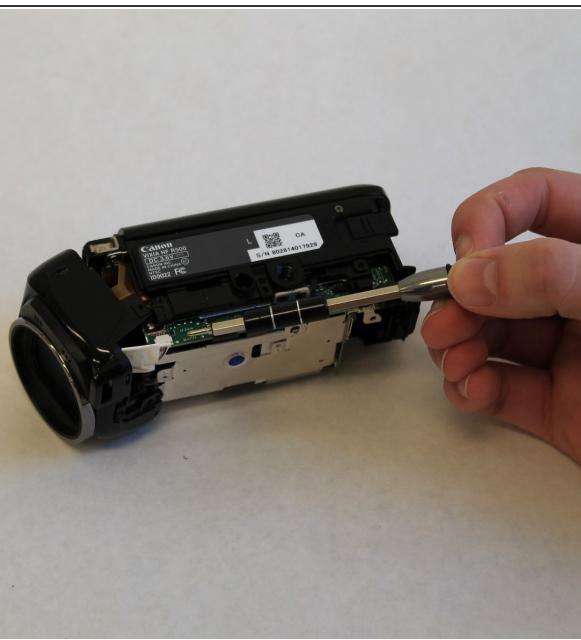
- Remove the two 5mm Phillips #000 screws near the LCD screen.

Step 14



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

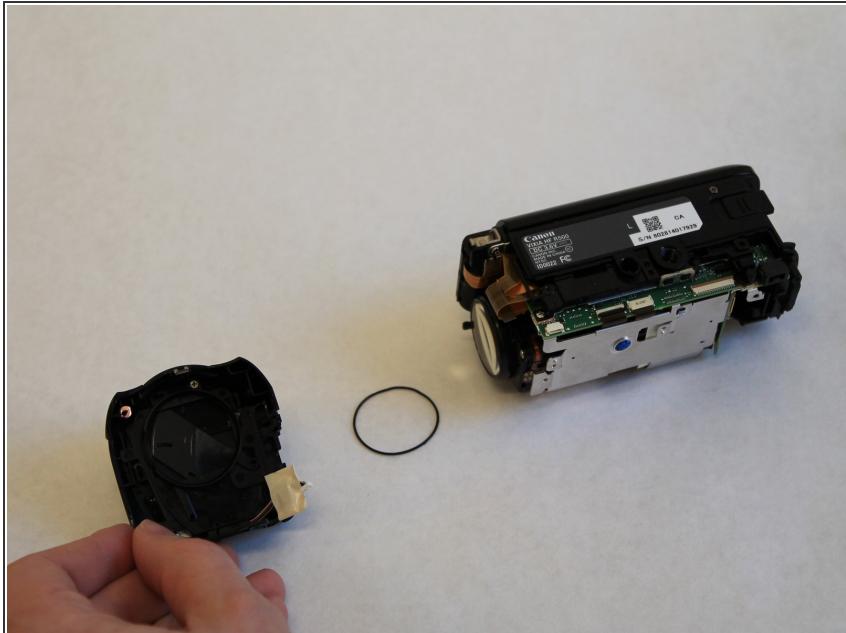
Step 15



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

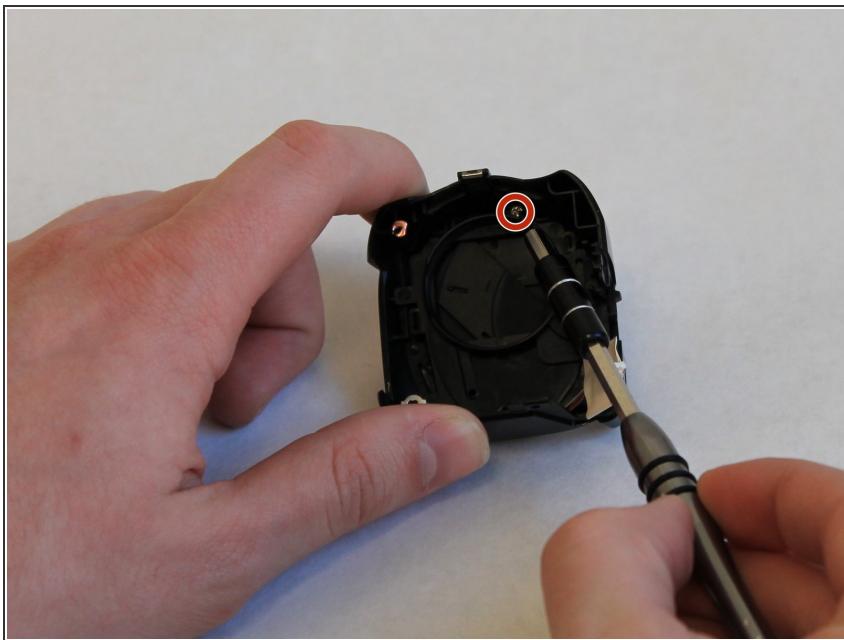
⚠ Do not pull the cord by the wires.
Grip the white plastic plug.

Step 16



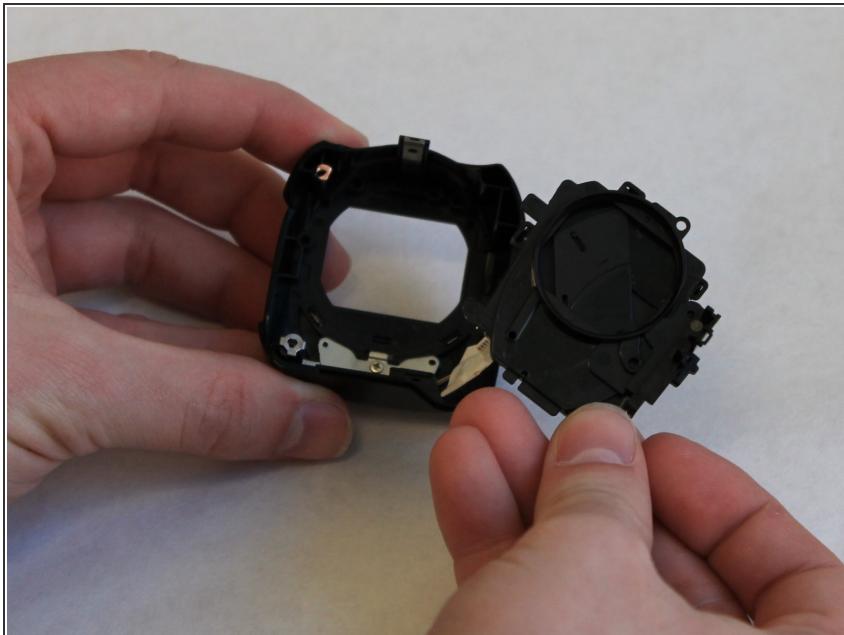
- The lens cover is detached from the camera and can now be removed.
- Repair or replace damaged components in the lens cover.
- Ensure lens cover mechanism is free of debris.

Step 17 — Microphone



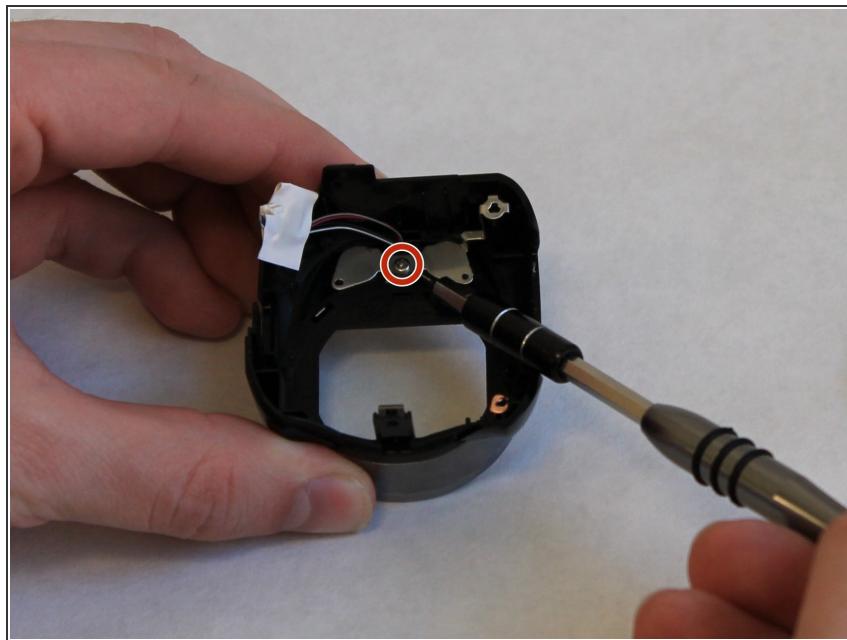
- Remove one 5mm Philips #000 screw from the lens cap.

Step 18



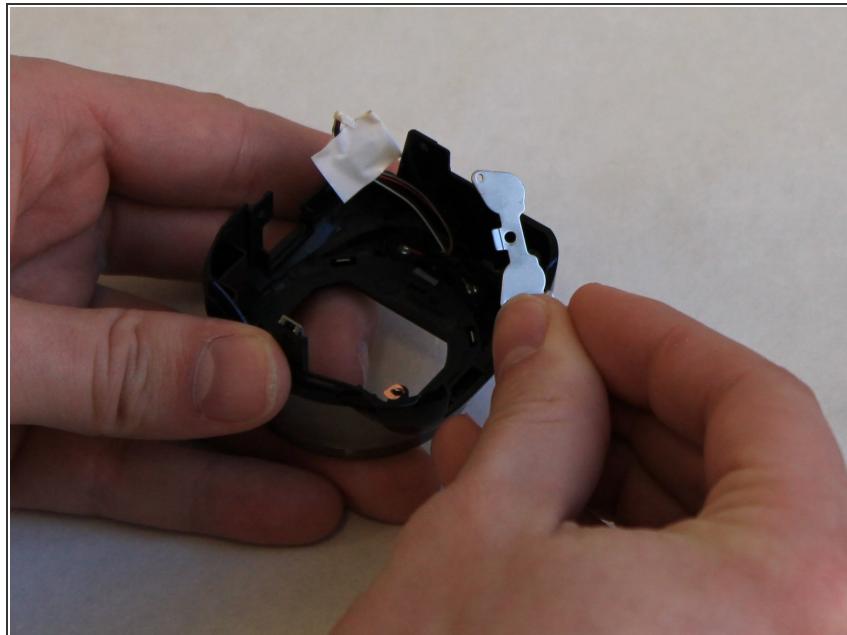
- Remove the lens cover and place in a safe place.

Step 19



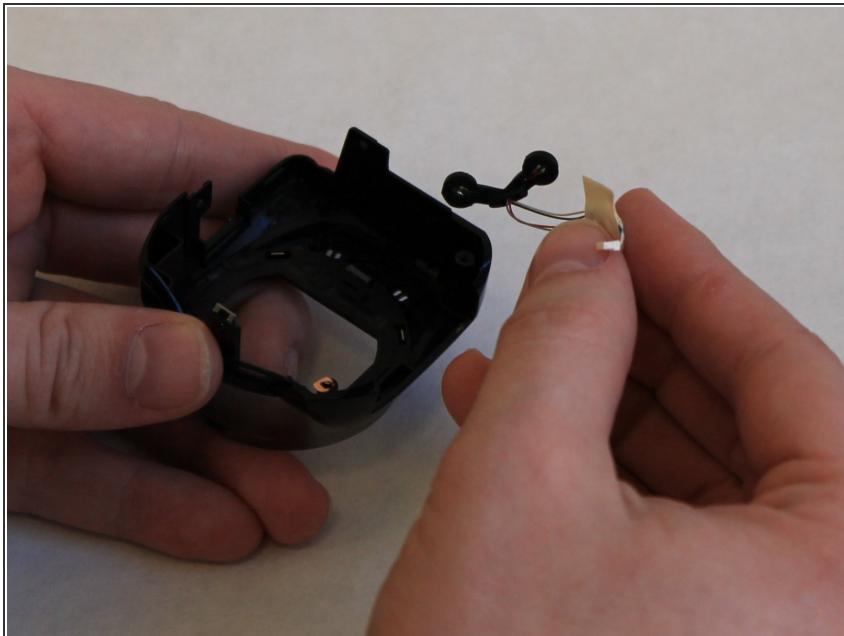
- Remove the one 3mm Philips #000 screw that holds the microphone in place.

Step 20



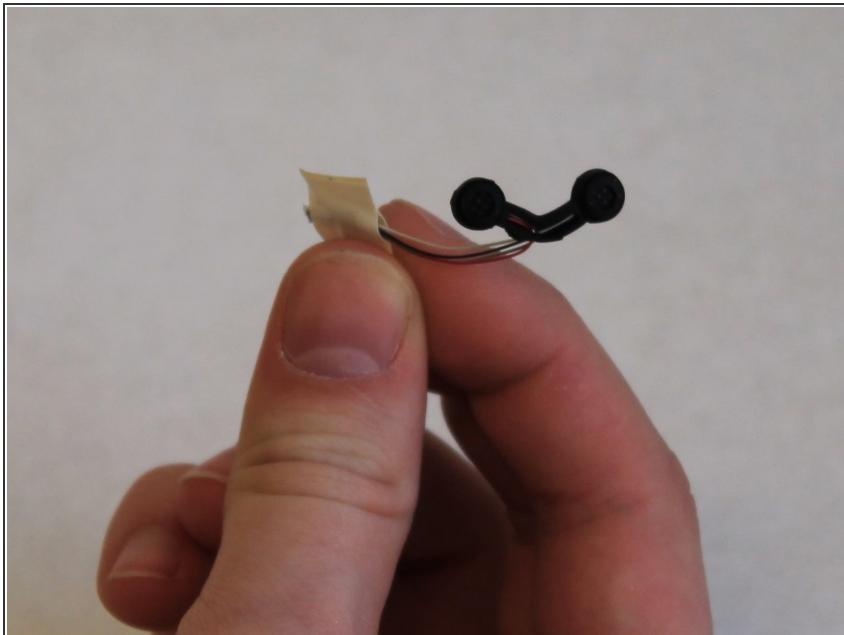
- Remove the metal plate that holds the microphone.

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.