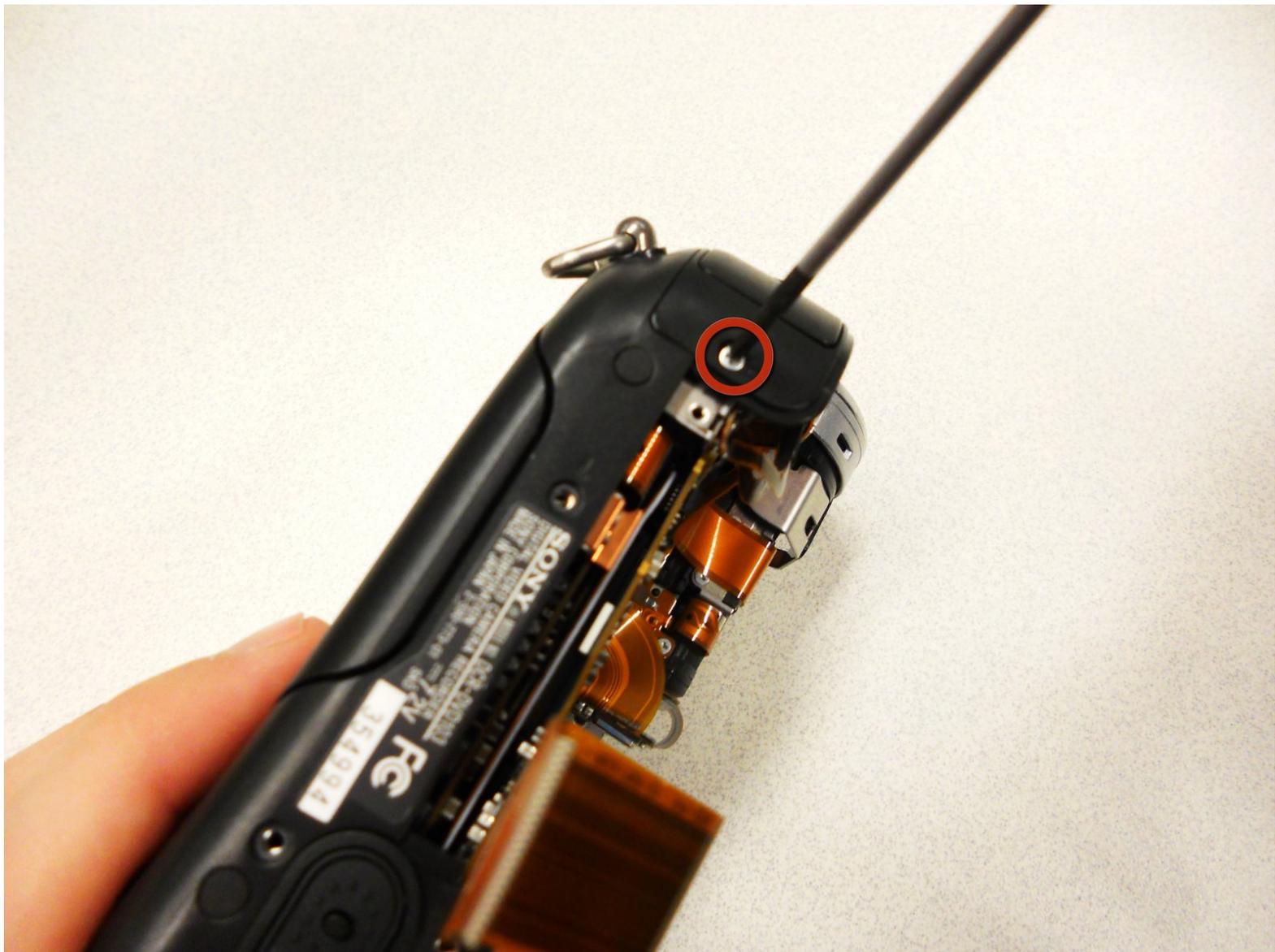




Sony Handycam DCR-DVD103 Lens Replacement

This guide is for the Sony Handycam DCR DVD103 lens in order to remove and replace any broken or malfunctioning parts.

Written By: kaitlin



INTRODUCTION

Use this repair guide to remove and replace the Sony Handycam DCR DVD103 lens.

If the Sony Handycam DCR DVD103 has a cracked or broken lens, this repair guide will help the camera perform as designed. This repair does not require special skills.

The camera featured in this repair guide does not contain a battery.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Battery



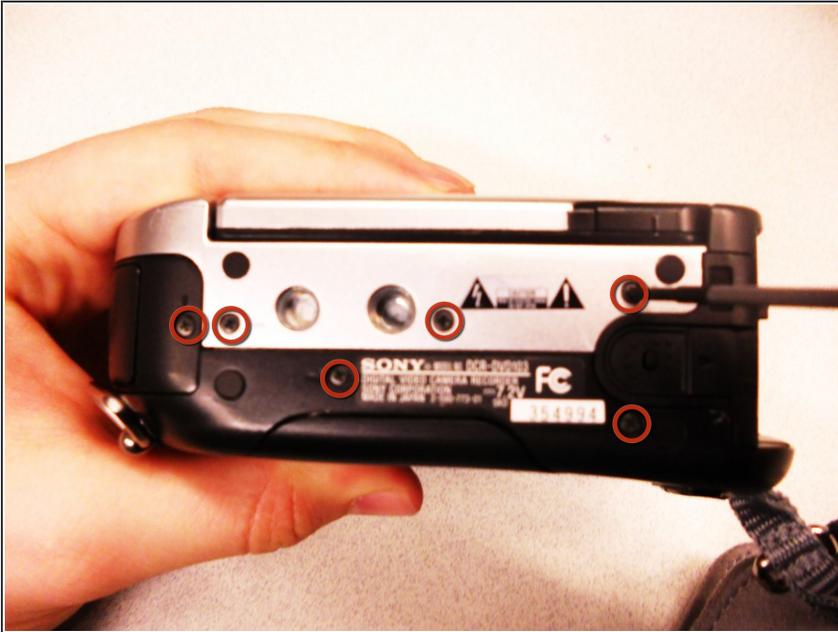
-  Images do not show the camera's battery.
- On the back of the camera beneath the viewfinder, locate the battery pack.
- Press the small button.
- Slide the switch forward.

Step 2



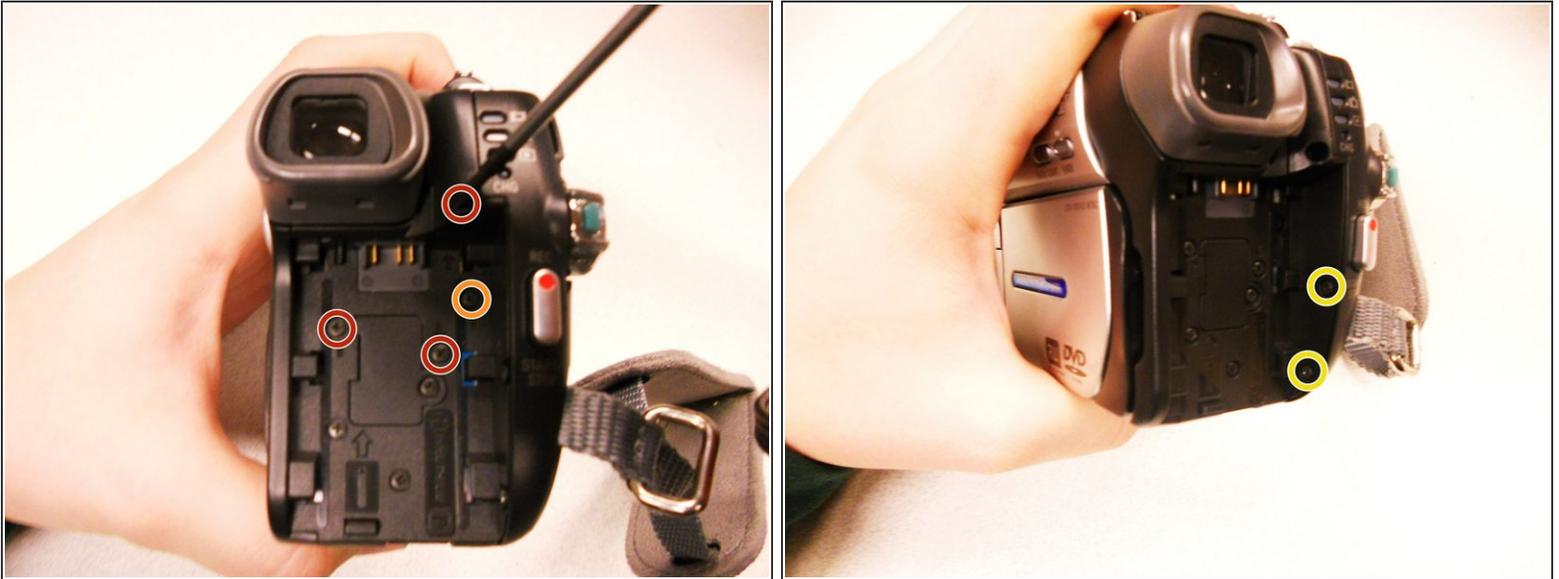
- Remove the battery from the camera.
-  To reinsert the battery, slide the battery into the camera.

Step 3 — Outer Cover



- Using a #00 Phillips screwdriver, remove the six 4.5 mm screws from the camera's bottom.

Step 4



- Remove the three 4.5 mm screws beneath the battery.
- Remove the 2.9 mm screw from the right corner.
- Remove the two 4.5 mm screws from the battery's right wall.

 Images do not show the battery.

Step 5



- Remove the 4.5 mm screw under the output flap on the front of the camera below the lens.

Step 6



- Remove the two 4.5 mm screws at the top of the camera.
- Remove the 4.5 mm screw from the disk side of the camera (next to the lens).

Step 7



- Extend the gray viewfinder, then gently remove the black plastic casing.

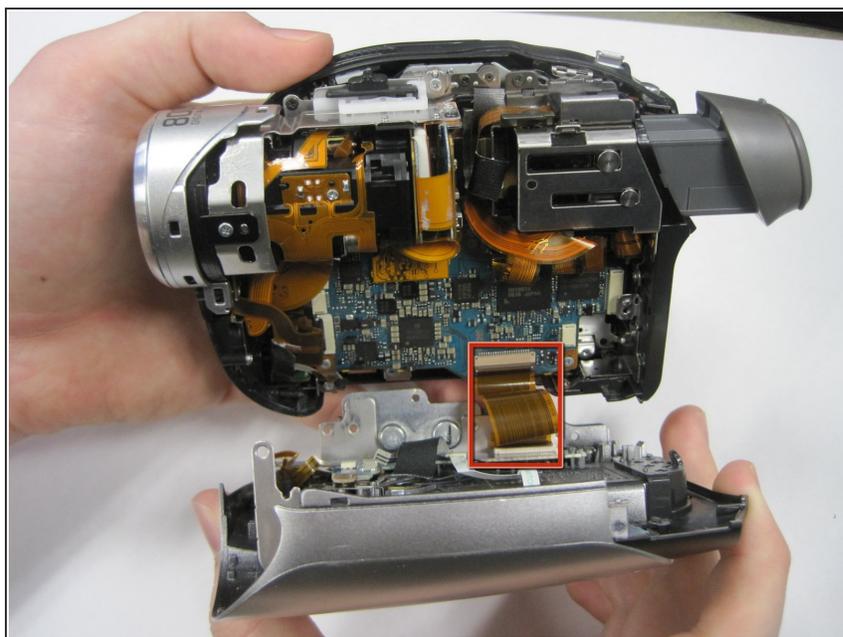
⚠ Caution: Plastic pieces are fragile.

Step 8



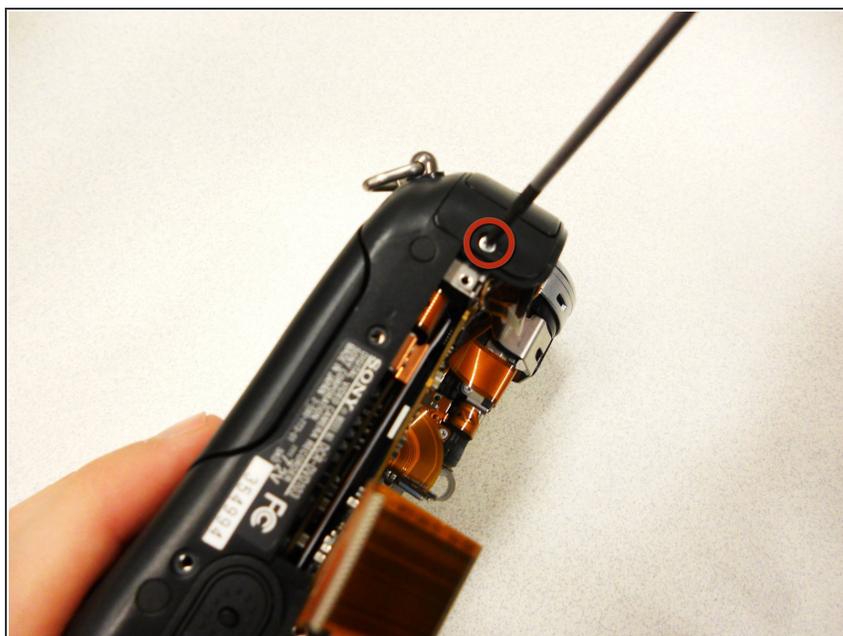
- Remove the two 2.9 mm screws under the black plastic casing.

Step 9



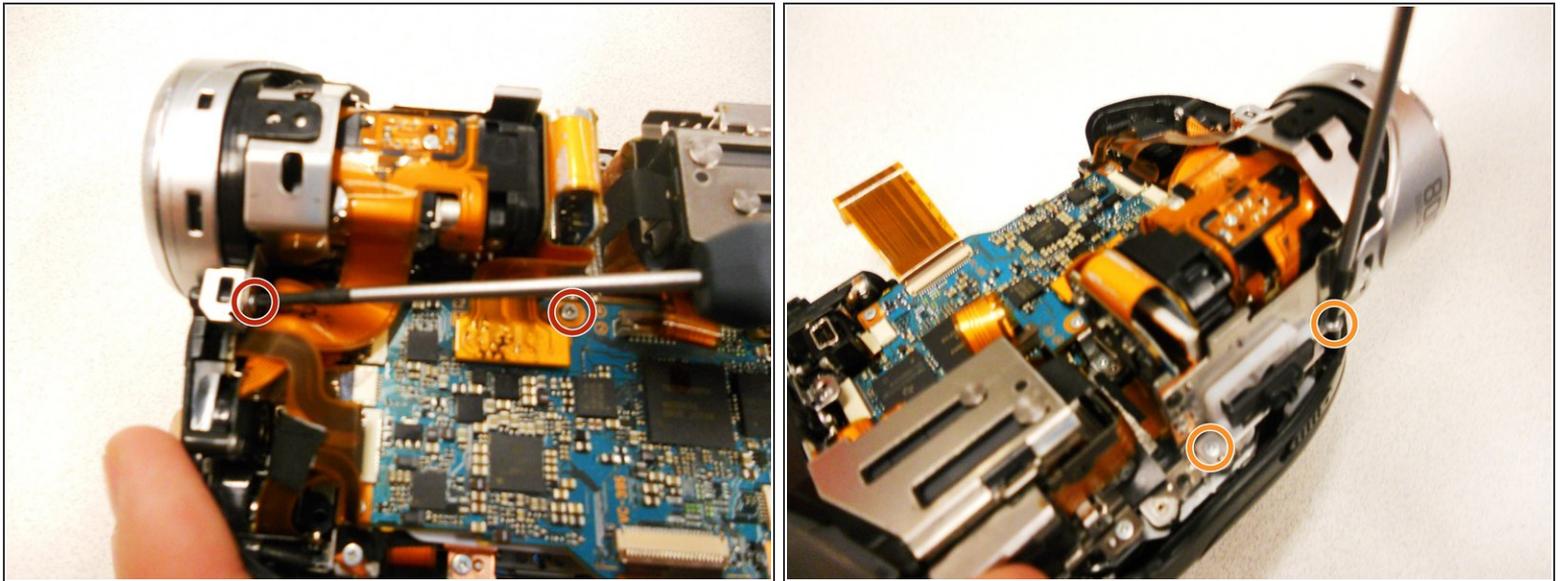
- Gently pull apart the outer silver case and screen.
- Remove the copper wire strip to detach the case from the camera.

Step 10 — Lens



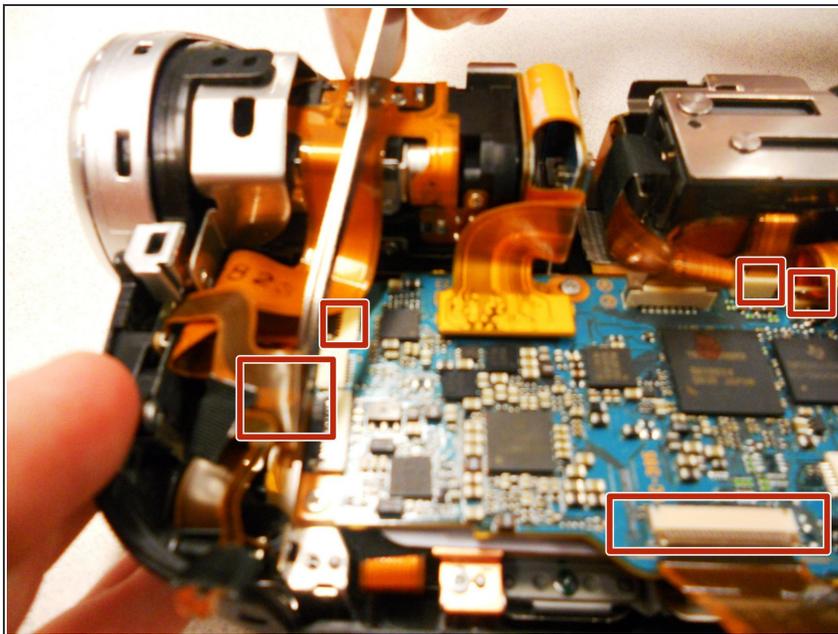
- Remove the 4.5 mm thread that connects the lens to the camera body.

Step 11



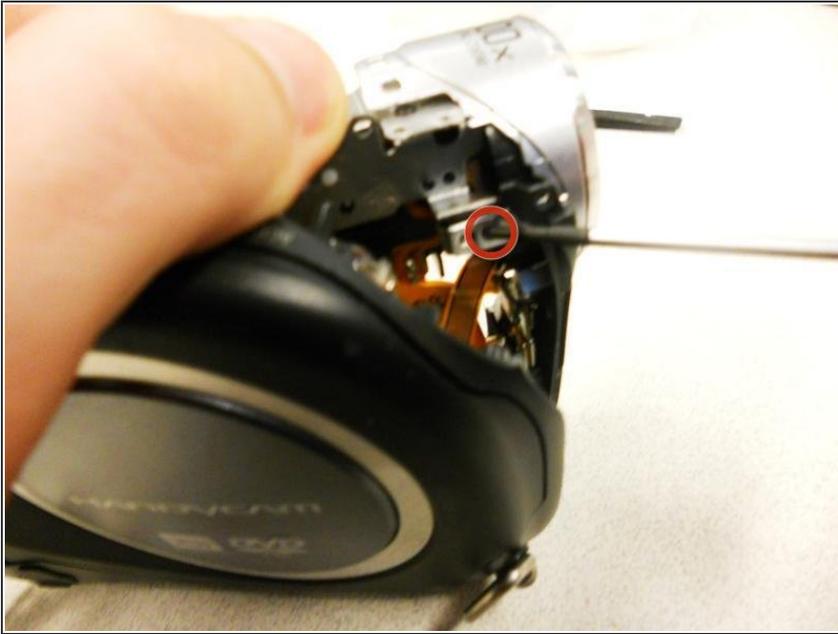
- Remove the two 4.5 mm screws from the bottom left and top left of the lens casing.
- Remove the two 2.9 mm screws from the top right and bottom right of the lens casing.

Step 12



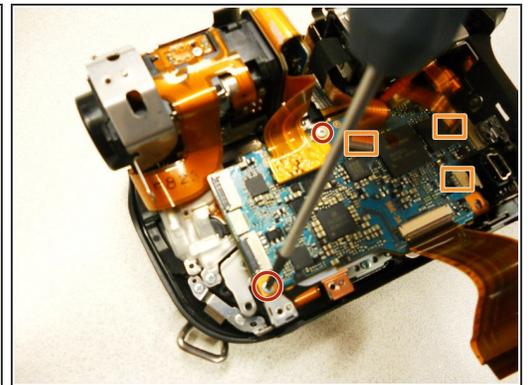
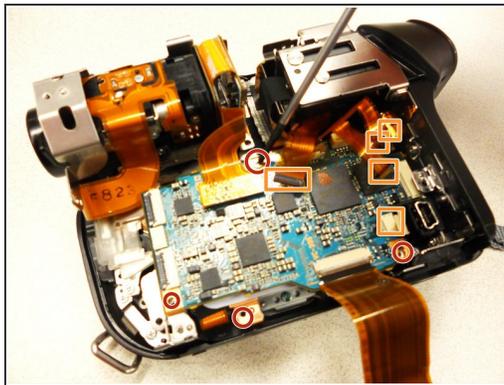
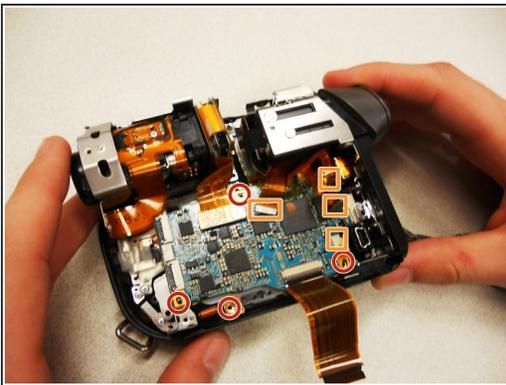
- Gently slide the ribbon cables away from their connections on the motherboard.
- ⚠ Caution: Too much force will tear the cables.

Step 13



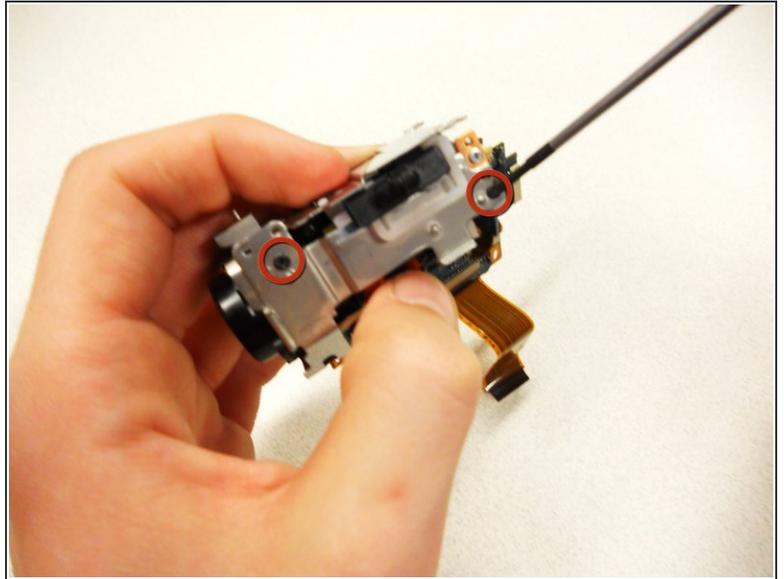
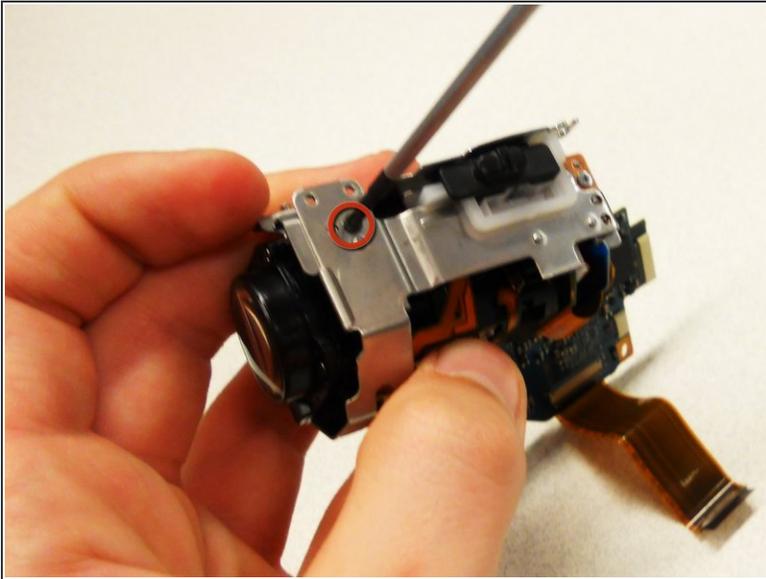
- Remove the 4.5 mm screw that connects the camera body to the lens on the DVD side of the camera.

Step 14



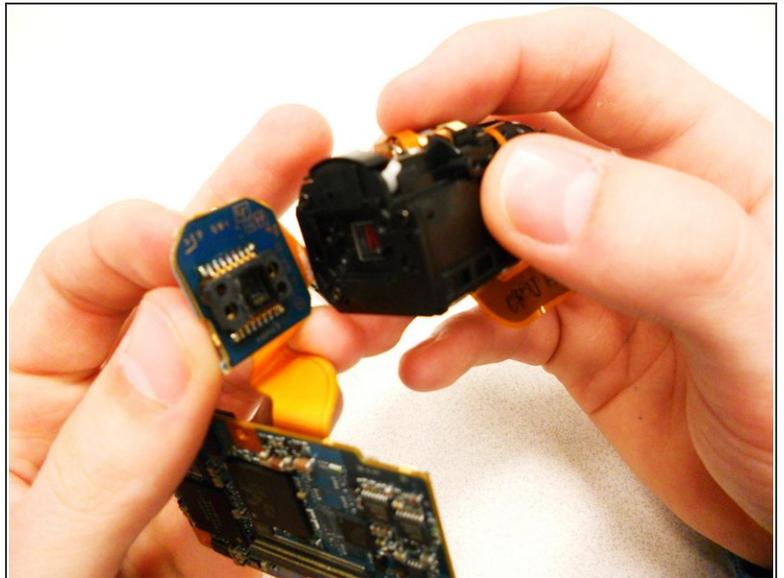
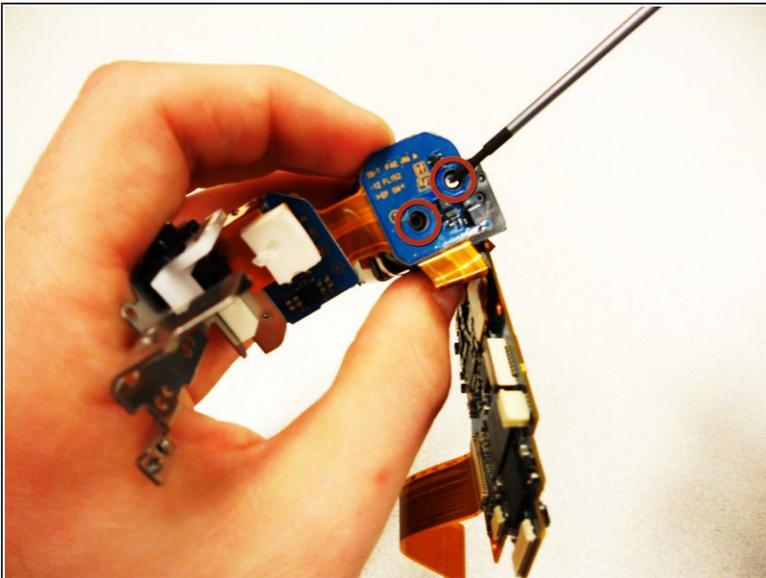
- Remove the five 2.9 mm screws connected to the circuit board.
- Remove the circuit board from the camera.
- Remove the five copper wires attached to the circuit board.

Step 15



- Unscrew the three 2.9 mm black screws to remove the metal bracket from the lens.

Step 16



- Remove the two silver 4.5 mm screws from the bottom of the lens.

⚠ Caution: Be careful with the lens once the screws are removed. The lens contains a small piece of glass that can fall out.

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