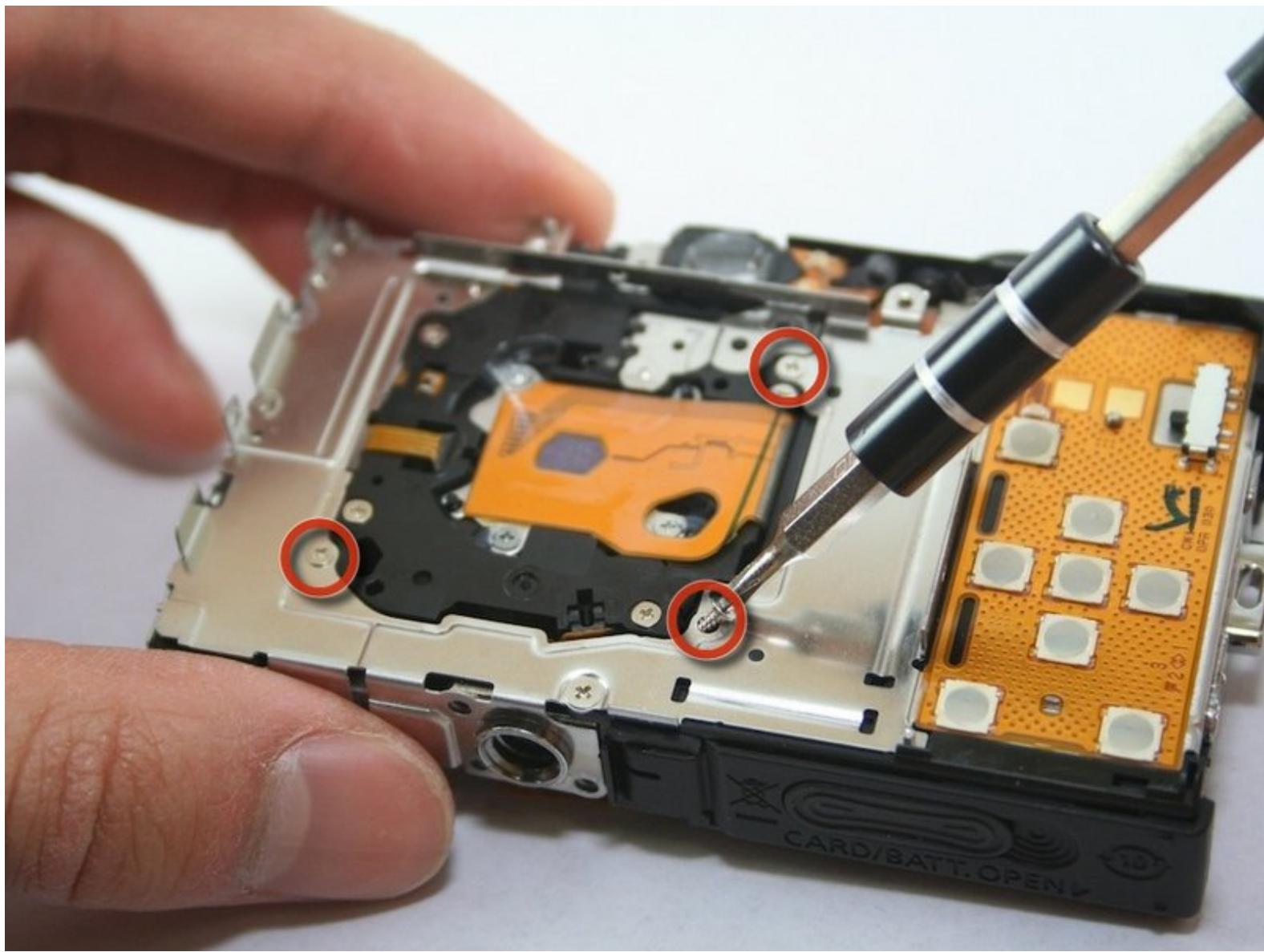




Disassembling Canon PowerShot SD1100 IS Camera Lens

This guide will help to remove the lens piece from the camera in order to repair or replace it.

Written By: Tyler Grossheim



INTRODUCTION

Use this guide to remove the camera lens piece.

TOOLS:

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

Step 1 — Front and Rear Cover



- Remove wrist strap and battery.

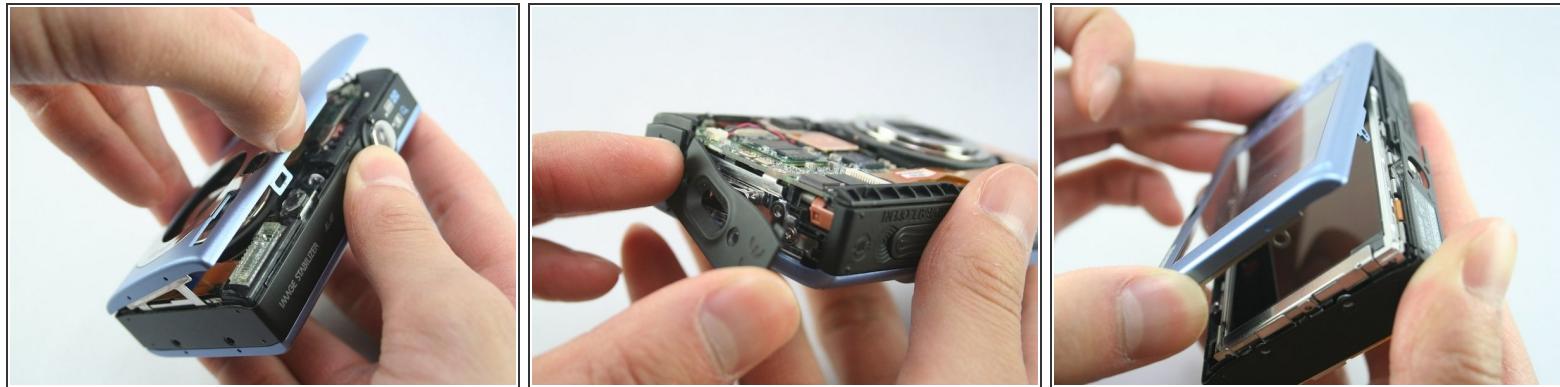
Step 2



- Remove 2 screws from each side of the camera (4 total, 0.102 in).
- Remove 2 screws from the bottom on the camera (0.138 in).

⚠ Do not mix the 4 side screws with the 2 bottoms ones; they are different sizes.

Step 3



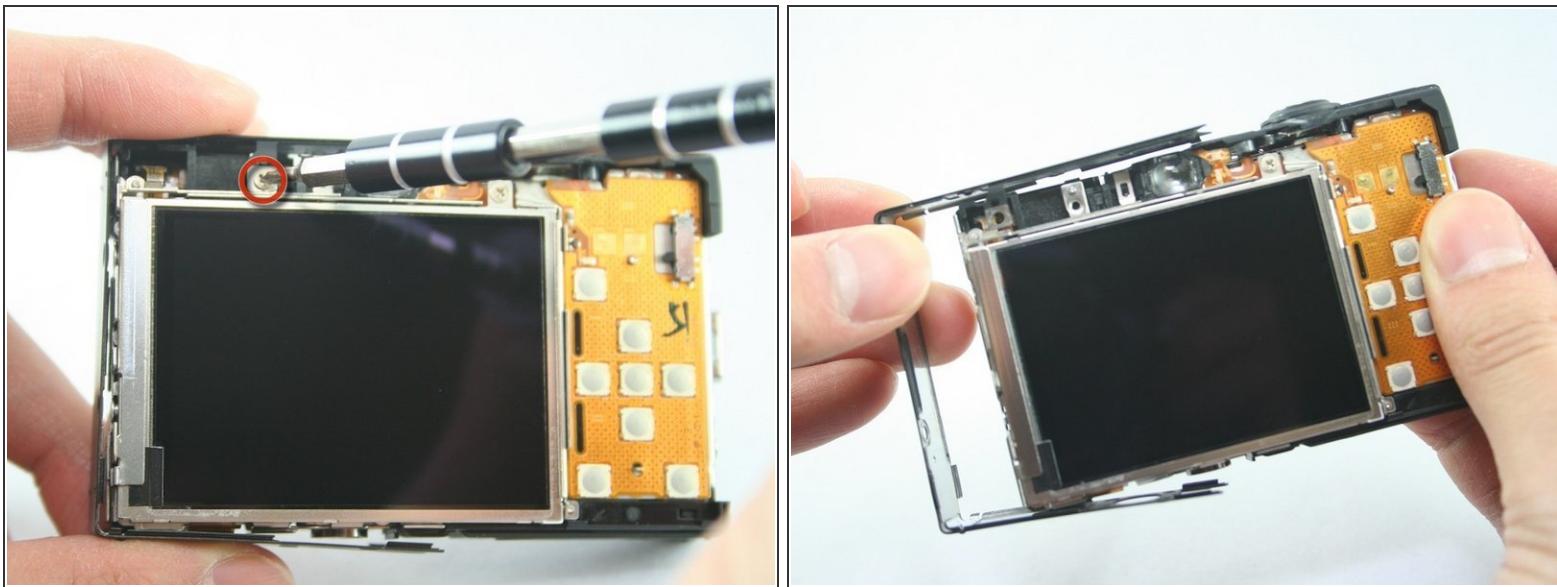
- Gently pull off the front cover.
- The plate on the side should come off.
- Gently pull off the back cover.

Step 4



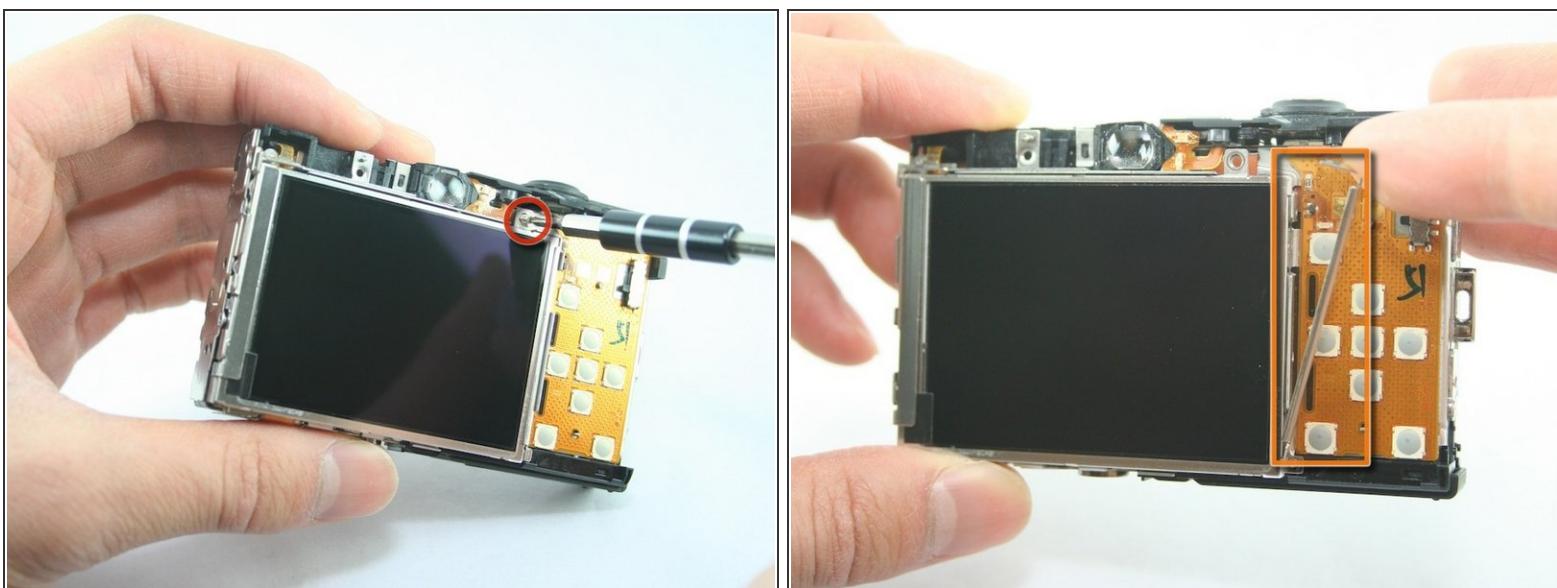
- The cases should now be removed.

Step 5 — LCD screen



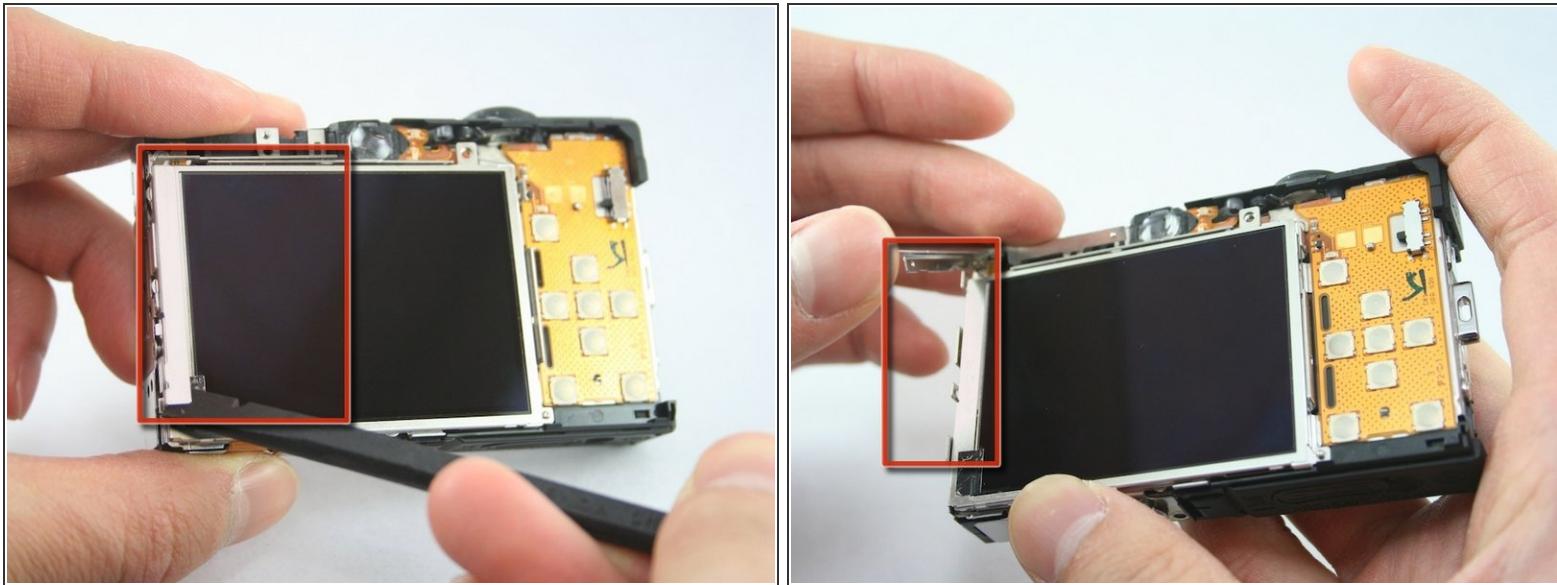
- Remove the top-left screw above the LCD screen (0.100 in).
- Remove the C-shaped plate from the side of the LCD screen.

Step 6



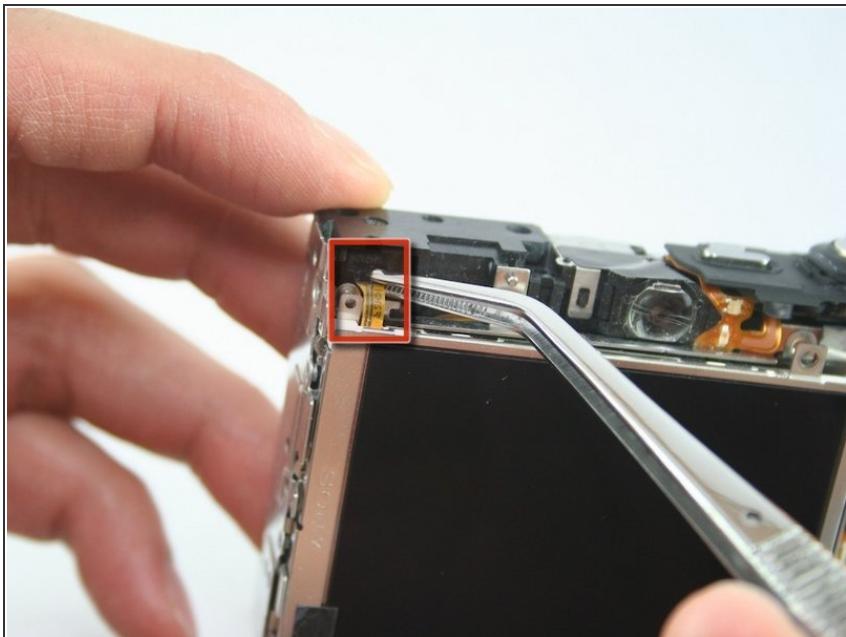
- Remove the screw from the top-right of the LCD screen (0.098 in).
- Remove the L-shaped bar from the right of the LCD screen.

Step 7



- Use the spudger to remove the L-shaped bar from the left-side of the LCD screen.

Step 8



- Use tweezers to remove the connector ribbon from the top-left corner above the LCD screen.

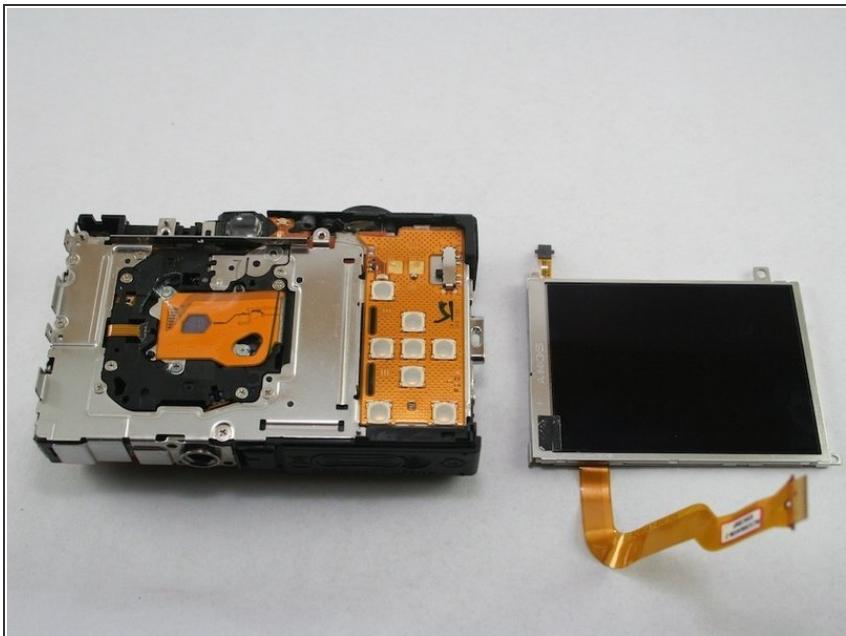
⚠ Be gentle. This ribbon should stay attached to the screen.

Step 9



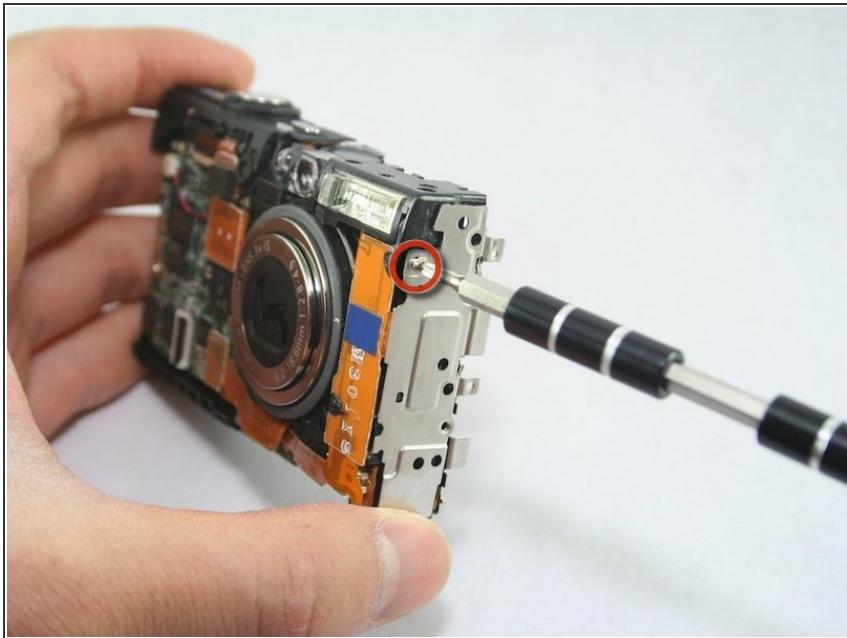
- Use a spudger to lift the connector lock (black flap) at the end of the larger LCD connector ribbon on the front side of the camera.
- Use the tweezers to lift this ribbon.
- Use the tweezers to gently peel this ribbon from the one underneath it.

Step 10



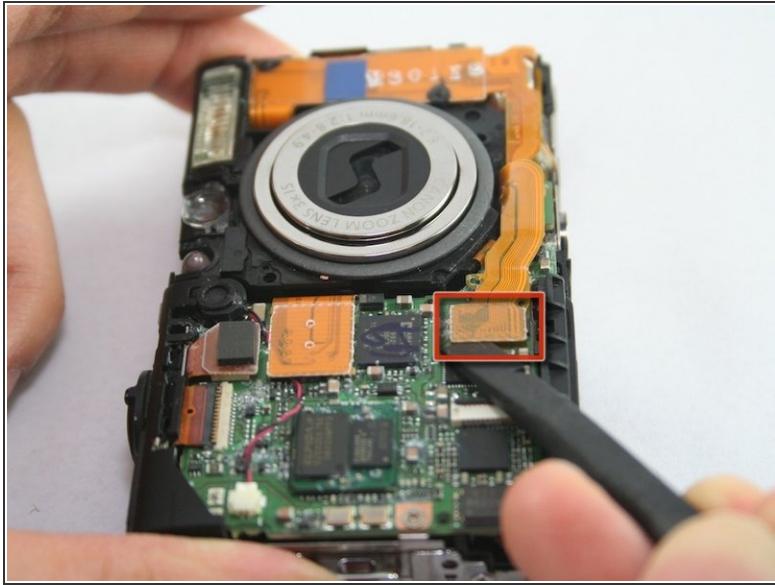
- The LCD screen should now be removed.

Step 11 — Flash Assembly



- Remove the screw located on the side of the camera (0.072 in).

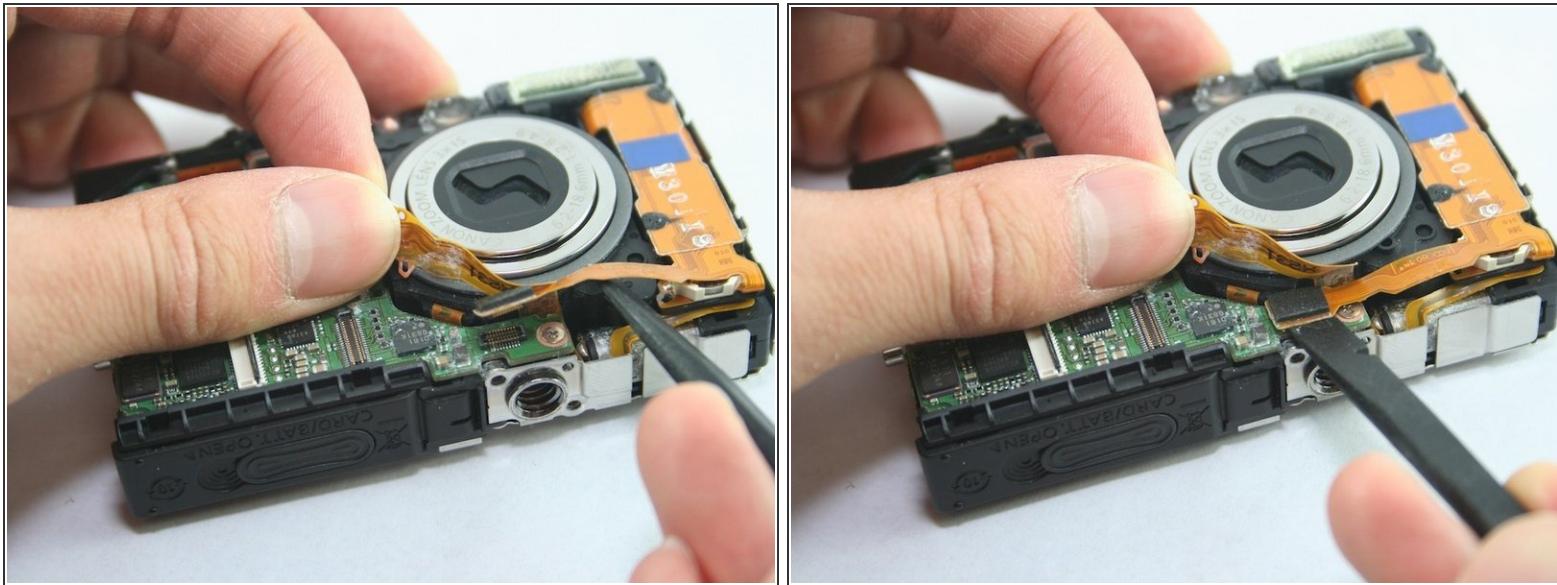
Step 12



- Use the spudger to remove the lens ribbon from the circuit board.
- Use the spudger to lift the ribbon.

(i) This ribbon is connected to the lens, but the flash assembly ribbon is underneath it.

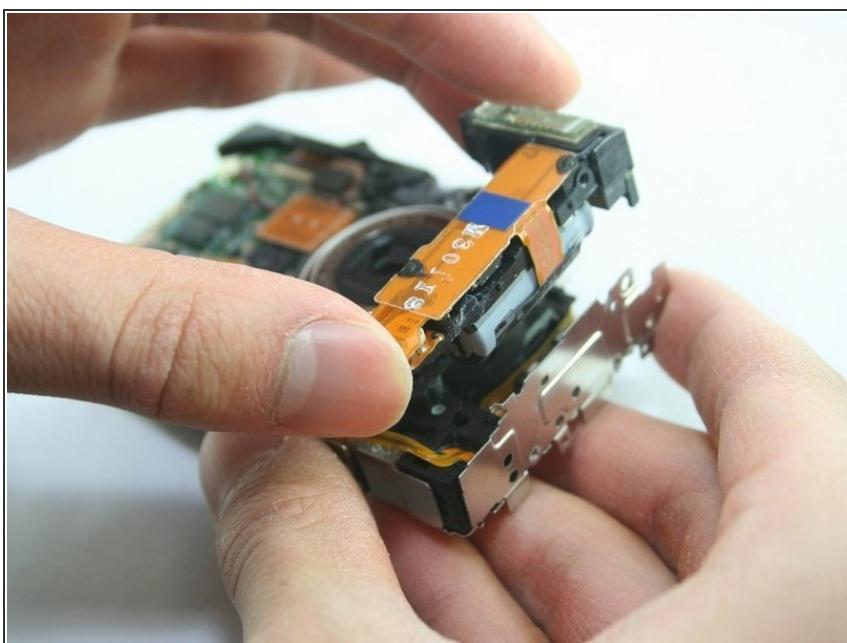
Step 13



- Disconnect the flash assembly ribbon.

i The flash assembly ribbon is located underneath the lens assembly ribbon.

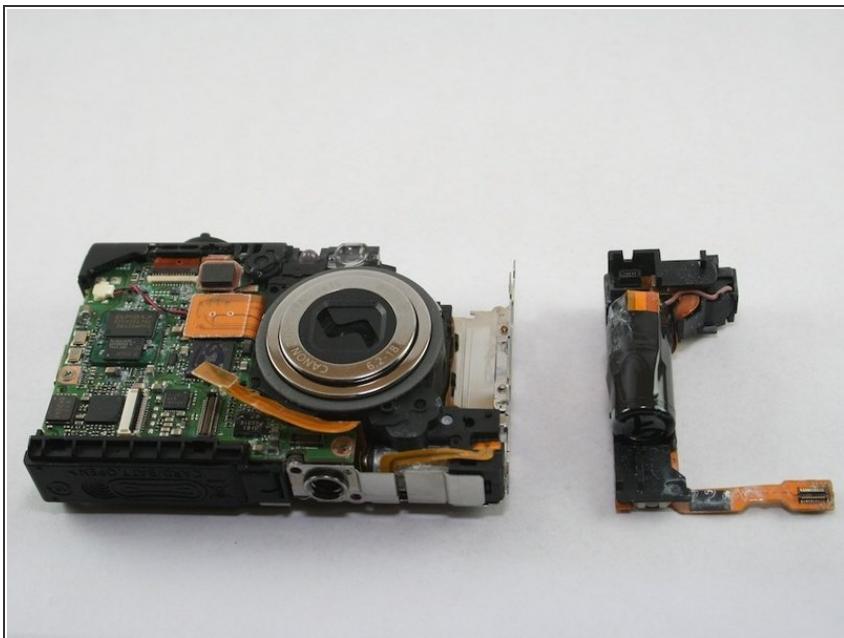
Step 14



- Remove the flash assembly, which includes the capacitor. If it resists, note the small hook on the right side near the bottom.

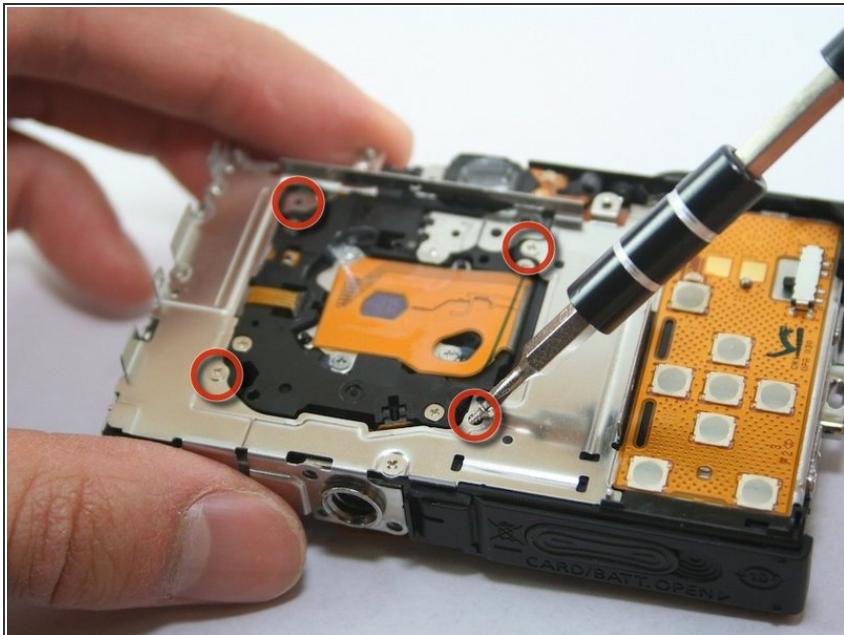
! Be careful when taking out the capacitor. It could shock you.

Step 15



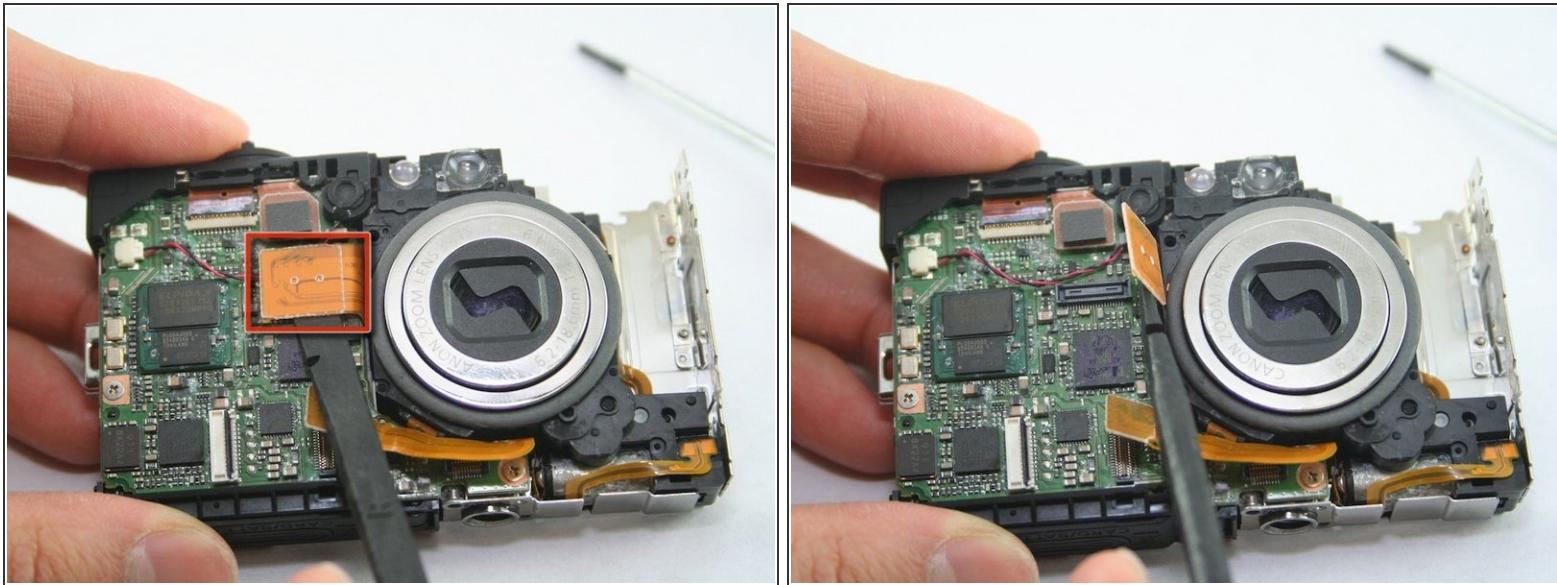
- The capacitor should now be removed.

Step 16 — Camera Lens



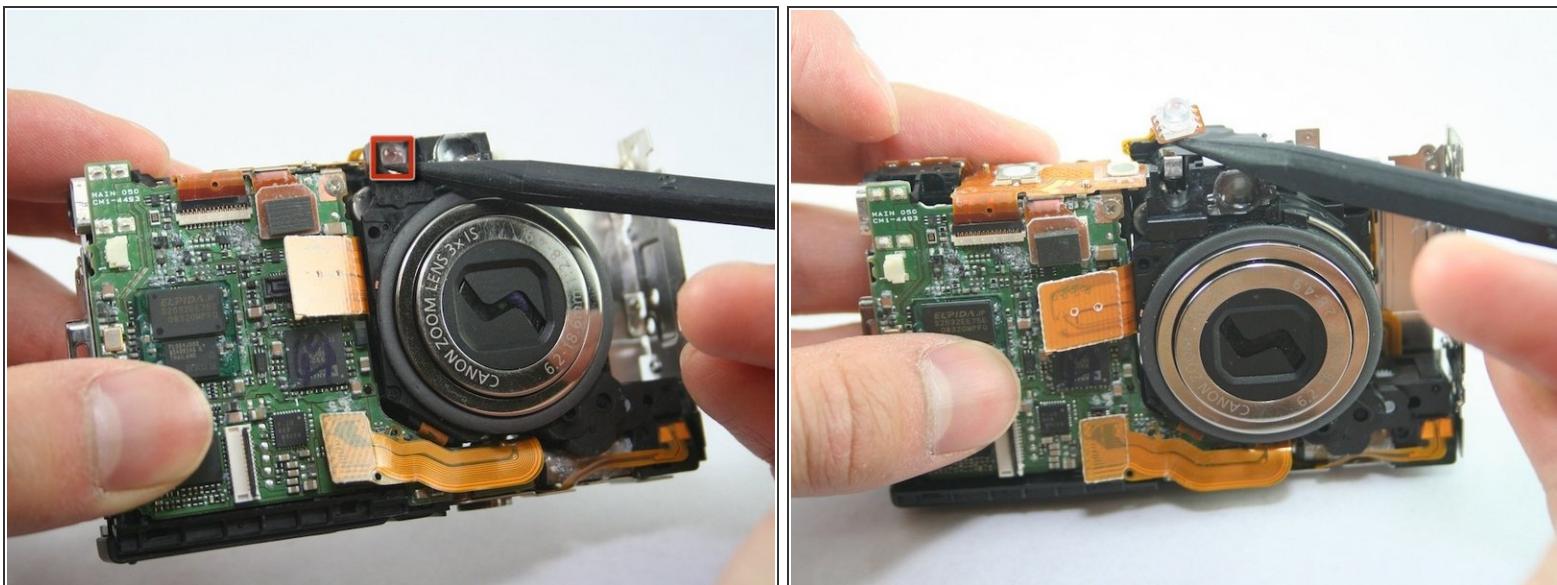
- Remove 4 screws from silver plate (0.106 in).

Step 17



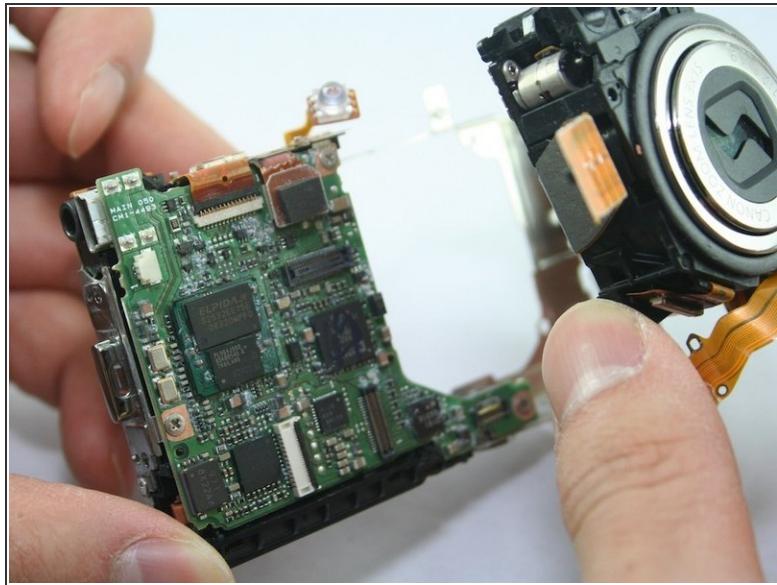
- Use spudger to lift the second lens ribbon.
- Remember the first ribbon was removed while taking out the flash assembly.

Step 18



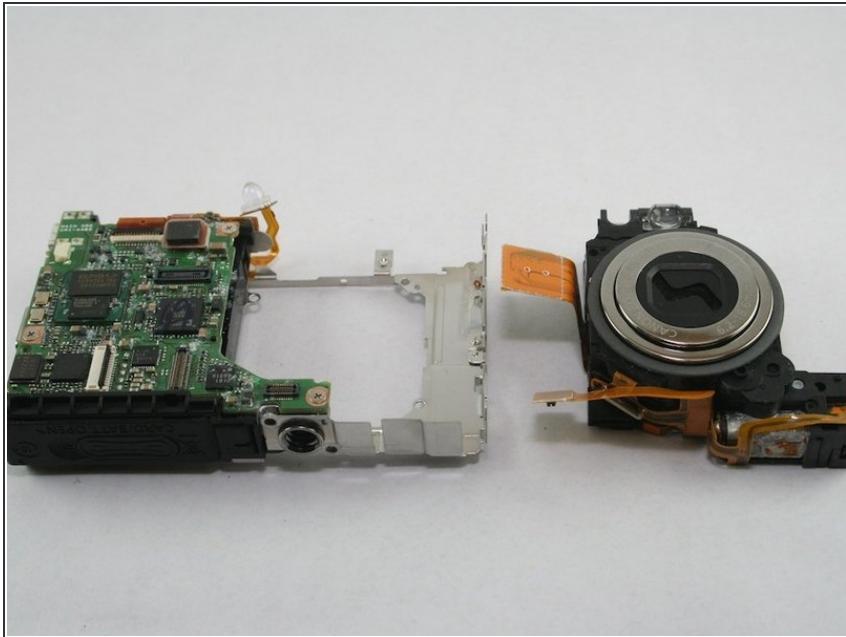
- Use spudger to carefully lift the LED light off the upper-left corner of the lens.

Step 19



- Remove the lens.

Step 20



- The camera lens should now be removed.

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