



Canon Powershot A70 LCD Screen Replacement

Written By: Shalan Ertis



INTRODUCTION

This repair guide will explain, step-by-step the process necessary to replace the LCD Screen.

TOOLS:

- Fingers (1)
- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)

PARTS:

- replacement LCD screen (1)

Step 1 — Shutter/Speaker Panel



- Open the battery compartment and remove the batteries.
- Remove the two screws that are deep in the battery compartment.

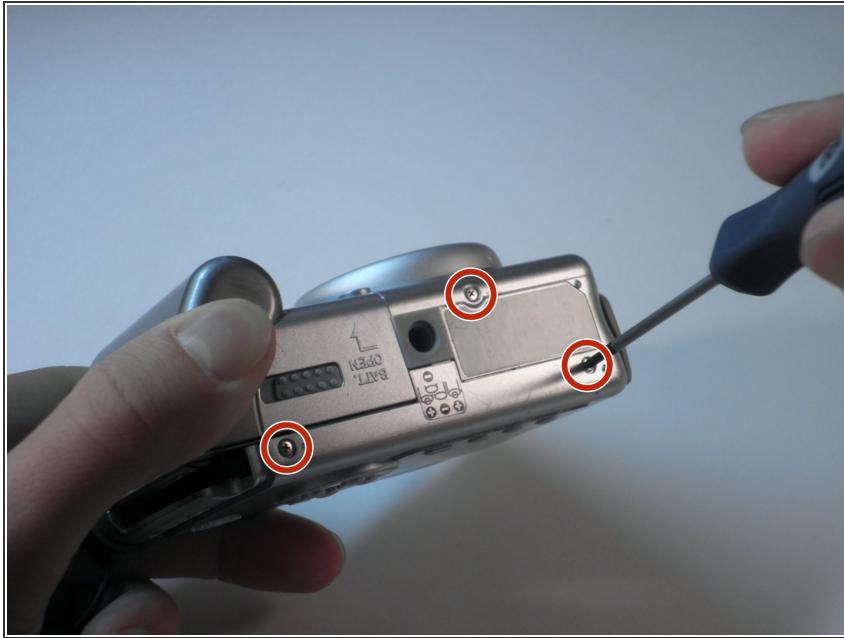
Step 2



- Open the CF compartment and remove the top screw.
- The panel, that holds the shutter button and zoom, will come off.

⚠ Be careful! There are two small wires connecting the speaker to the body of the camera. These are very delicate so proceed with caution. *Do not remove.*

Step 3 — Rear Exterior Panel



- Unscrew the three small screws on the bottom of the camera.
- Remove the wrist strap.

Step 4



- Remove the screw in the CF compartment.

Step 5



- Open the rubber Digital AV Out compartment flap.
- Pry the battery with the iFixit opening tool.
- Carefully pull out the battery with two fingers.
- Remove the two screws that are now visible.

Step 6



- Starting from the bottom, carefully pull the casing off.
- The casing will now pivot at the top.
 - There are three catches that hold the back casing to the body.
- *(i)* You may have to pull with some force. The rear panel will make a snapping noise when it separates from the body.

Step 7



- The interior of the camera should look like this.

Step 8 — Canon Powershot A70 Front Exterior Panel Disassembly



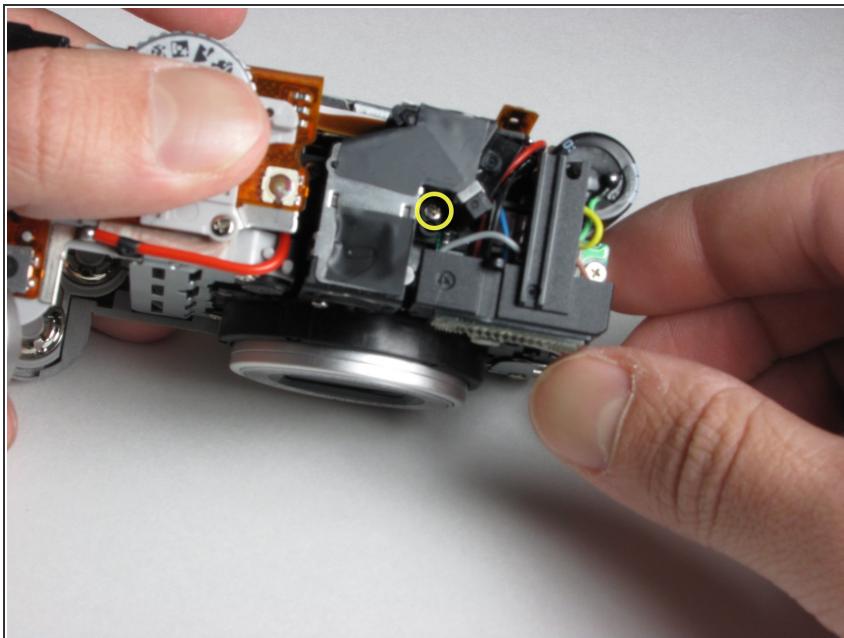
- Remove the two screws at the top of the battery compartment.

Step 9



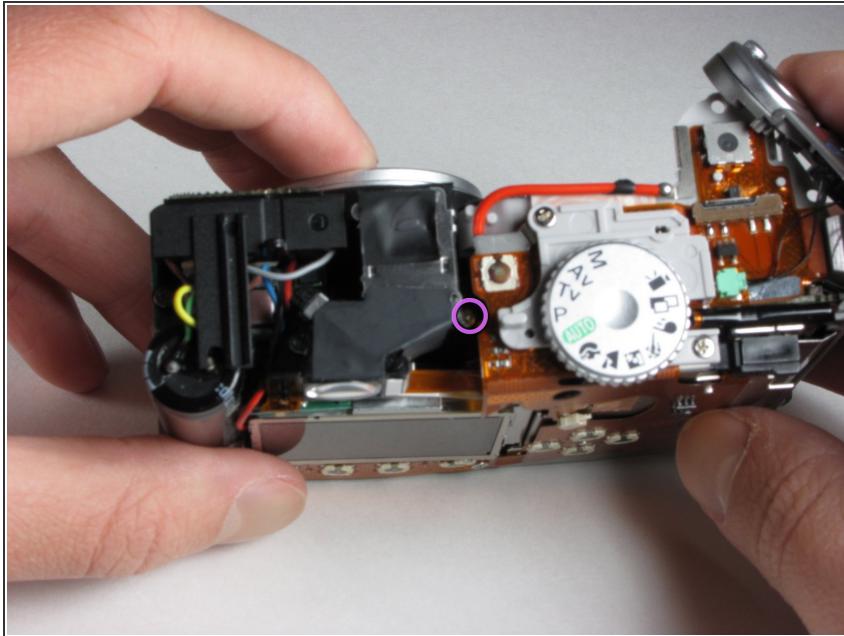
- With your right thumb, pull back on the tab while using your left hand to pull the face of the camera away from the body.

Step 10 — Viewfinder



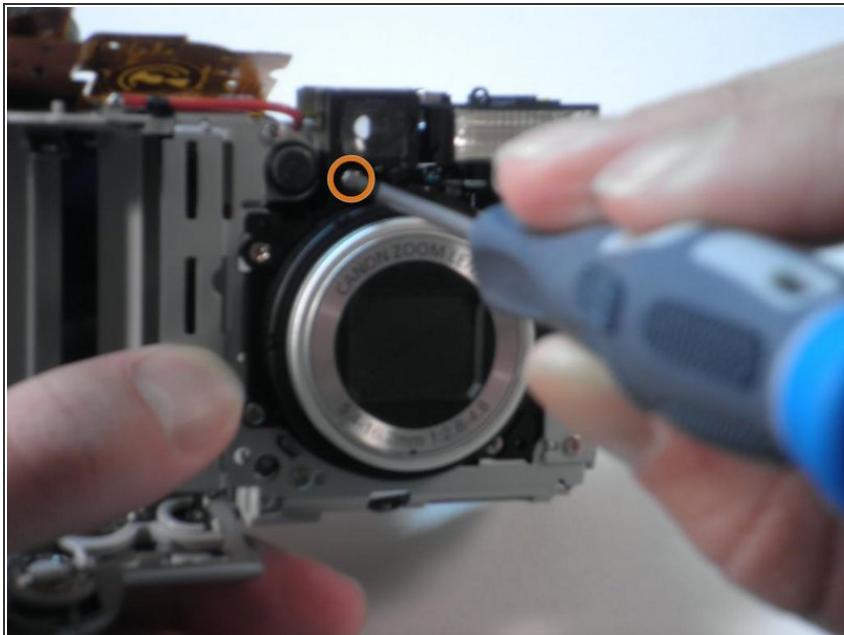
- After removing the front and rear panels, locate the viewfinder directly above the lens on top of the camera.
- Three screws hold the viewfinder in place. Two on the top and one on the lens side of the camera.
- First, remove the screw in the bent corner of the viewfinder.

Step 11



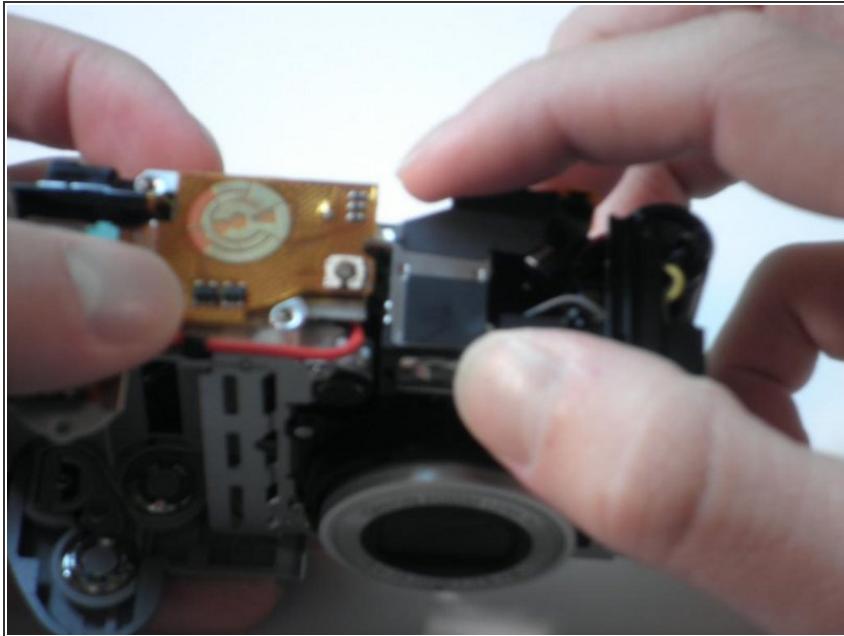
- Next, remove the 2nd screw directly across from the bent corner. It may be hidden in the space under the orange circuitry.

Step 12



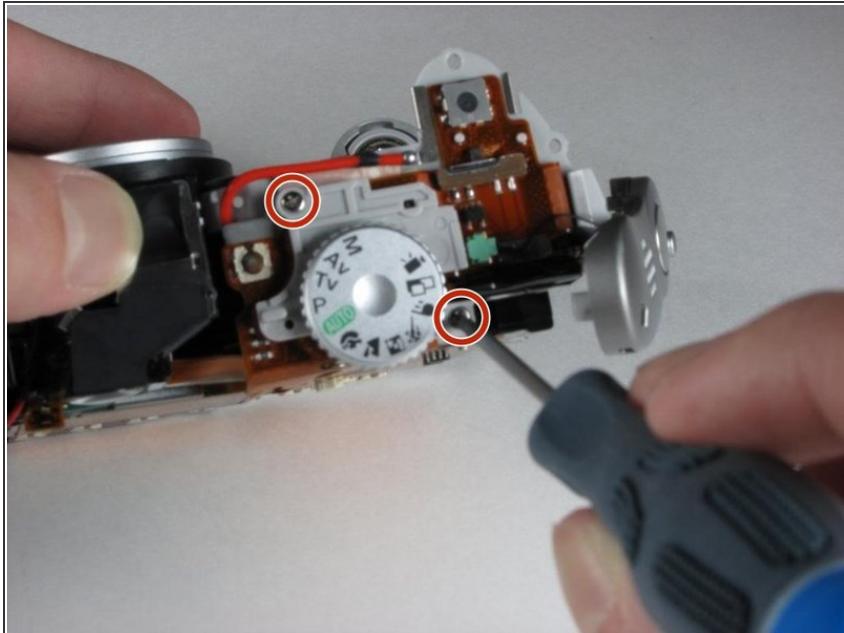
- Lastly, remove the final screw directly under the left side of the viewfinder (on the lens side).

Step 13



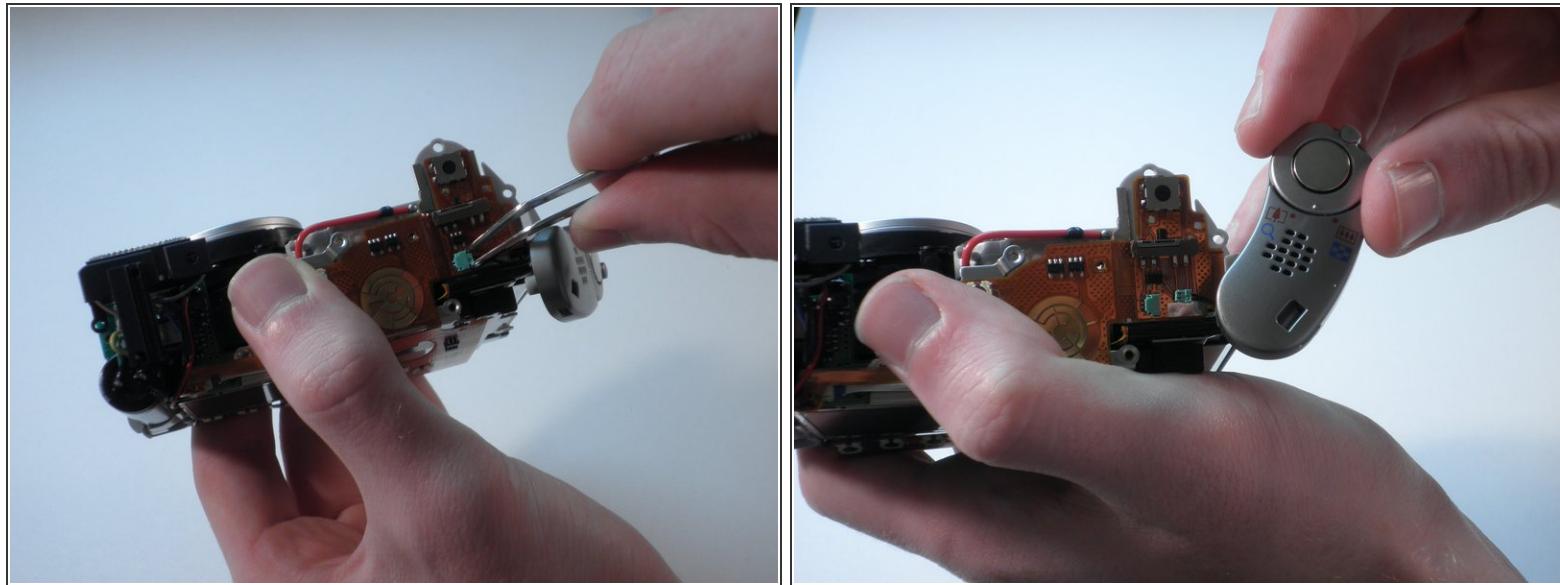
- After removing the three screws, the only thing still holding the viewfinder in place is a small plastic peg.
- Remove the viewfinder with a firm pull directly upwards.

Step 14 — Speakers



- Remove the two clearly visible screws from the control dial.
- The dial should come off easily.

Step 15



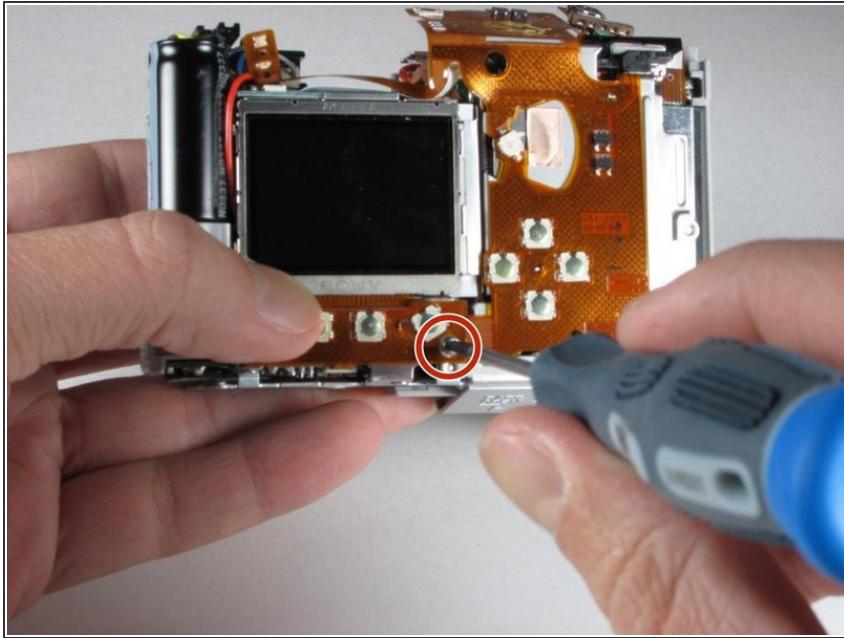
- You should be able to see the two small wires connecting the speaker to a small green plug
- With tweezers, carefully unplug the wires from the plug. The wire should slide straight out
- Carefully replace the broken speaker/shutter panel with a new one

Step 16



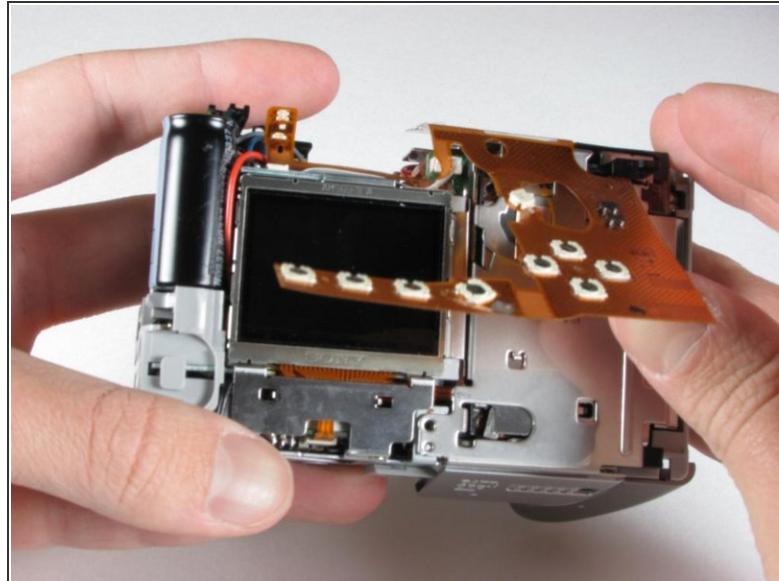
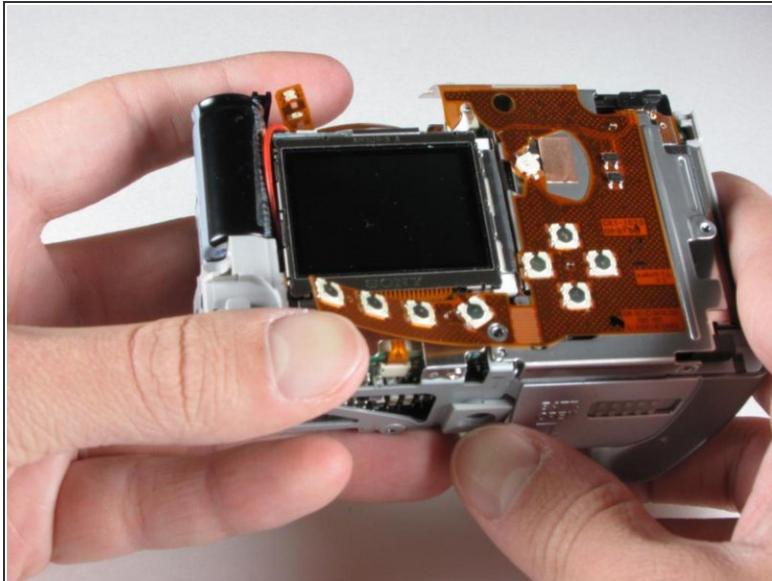
- The removed panel should look like this

Step 17 — Button Flex Assembly



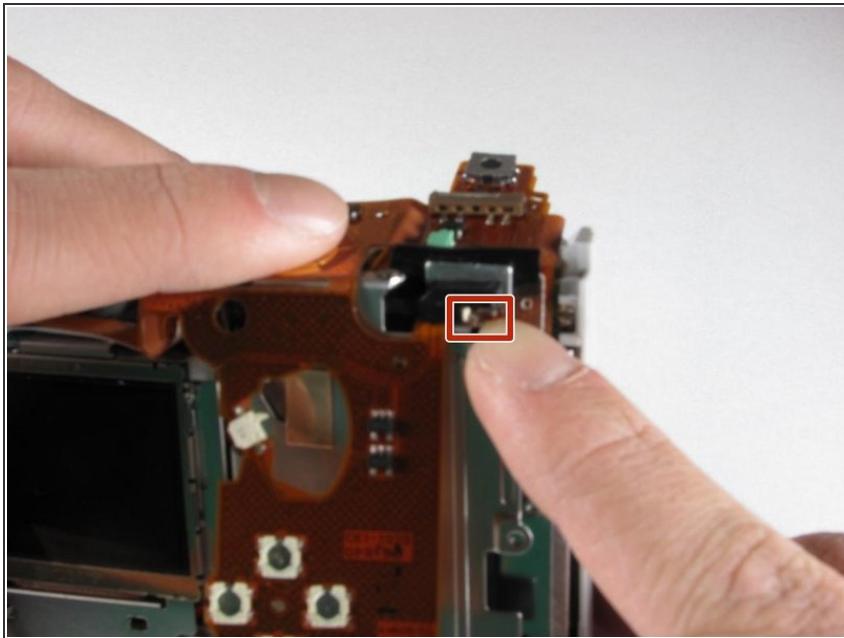
- Remove the one visible screw that is attaching the flex assembly to the back of the camera.

Step 18



- Starting with the bottom-left corner (below the screen), lift the flex assembly away from the camera chassis.

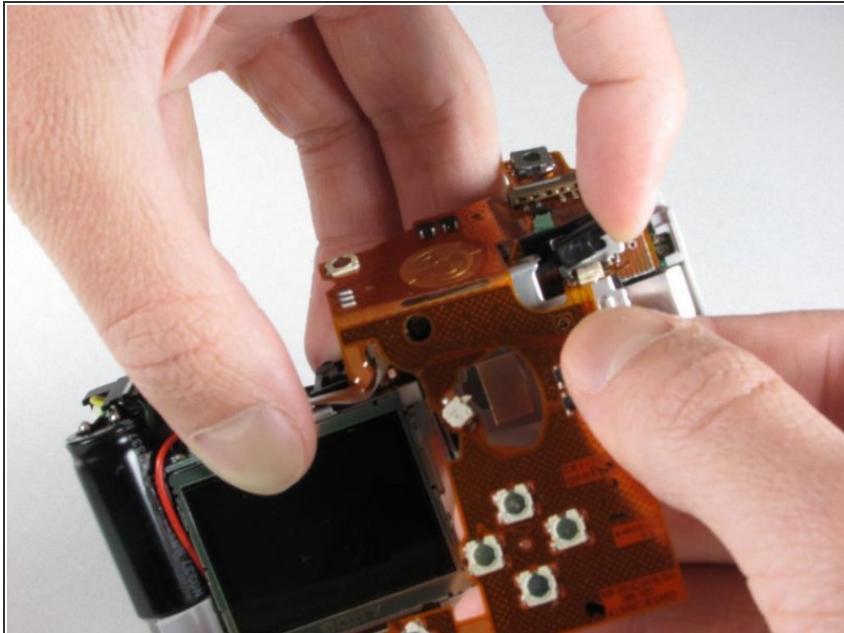
Step 19



- Locate the small metal tab that attaches the flex assembly to the upper-right corner of the camera, and release it with a fingernail.

i The tab is very small and may be hard to see.

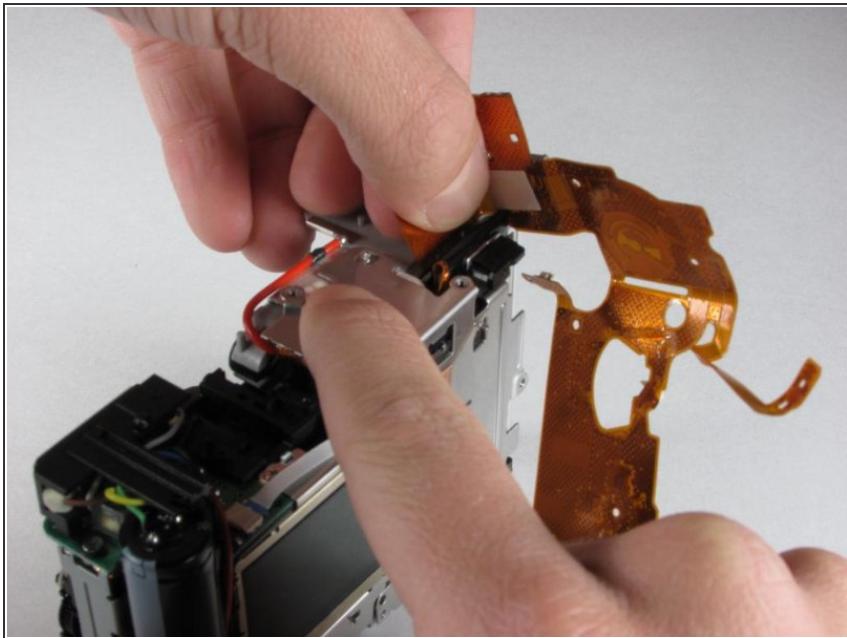
Step 20



- Disconnect the black connector by lifting it up, as shown in the picture.

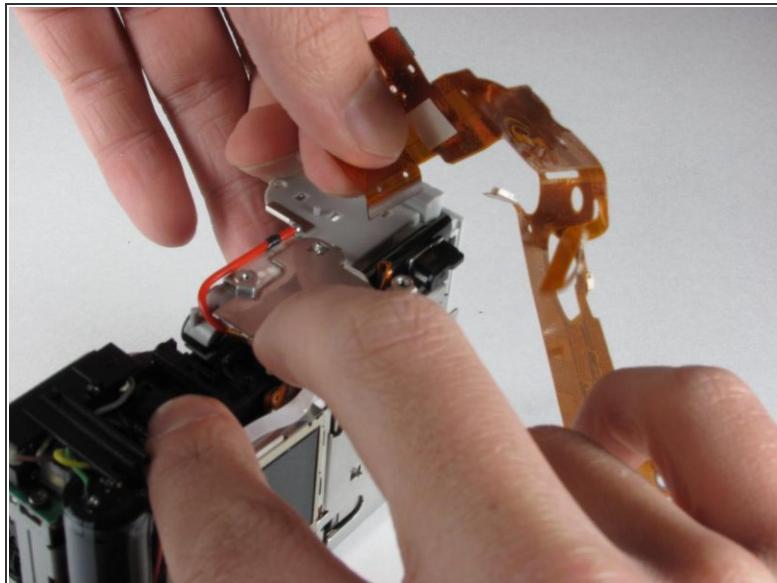
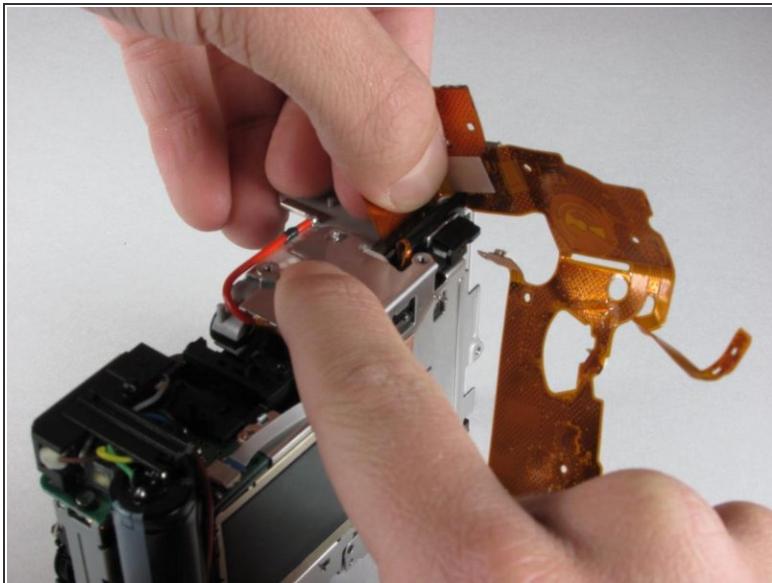
! Be careful, this is a difficult step. If you forcibly remove the flex assembly without disconnecting the connector, you may damage it.

Step 21



- Gently pull the rest of the flex assembly away from the camera body until you reach the last connector.

Step 22



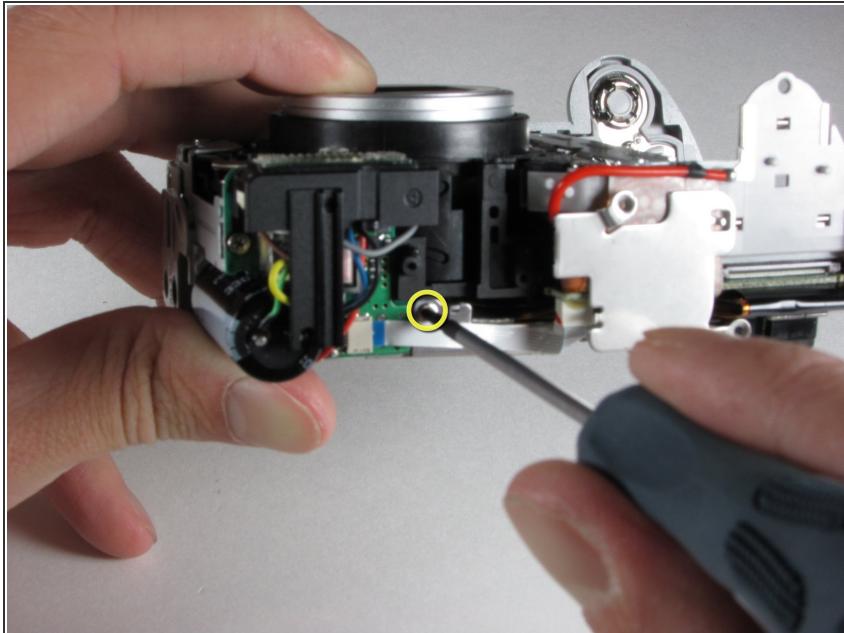
- Hold the flex assembly gently, but firmly, and pull it out of the connection with two fingers.
- *i* Be sure to pull straight up, and not at an angle.

Step 23 — LCD Screen



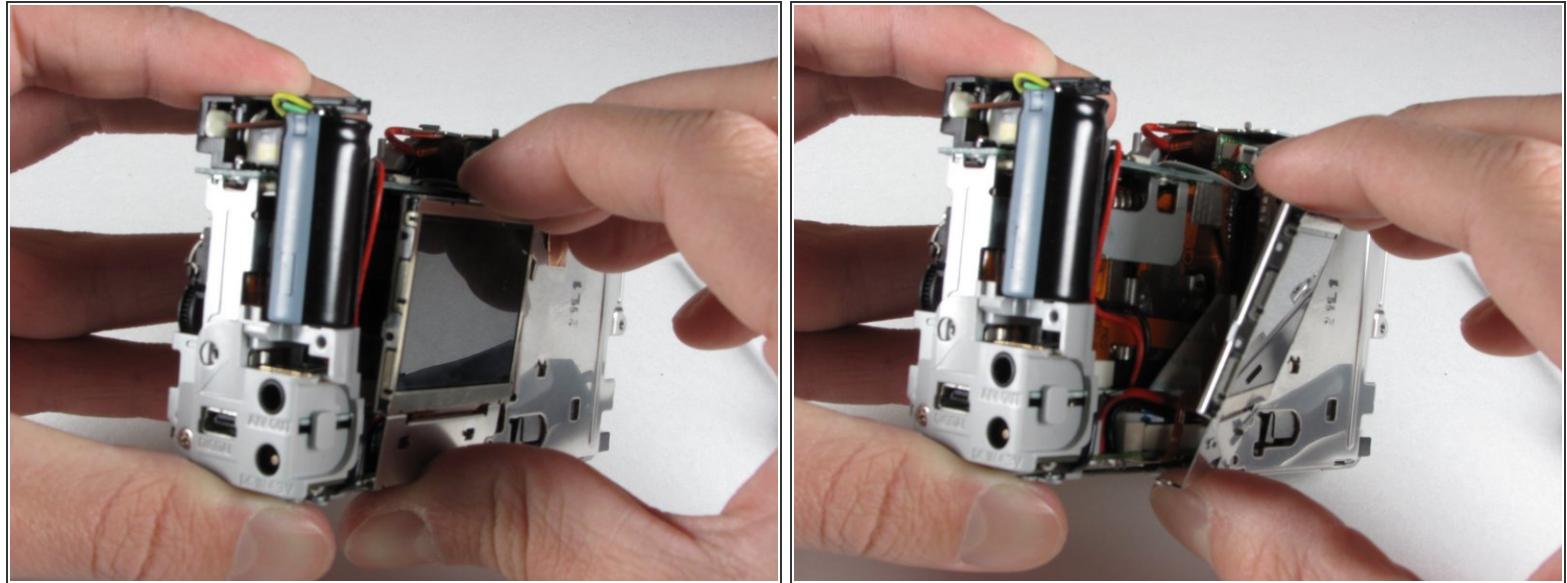
- Remove the two screws from the bottom of the camera.

Step 24



- Remove one screw from the top of the camera.

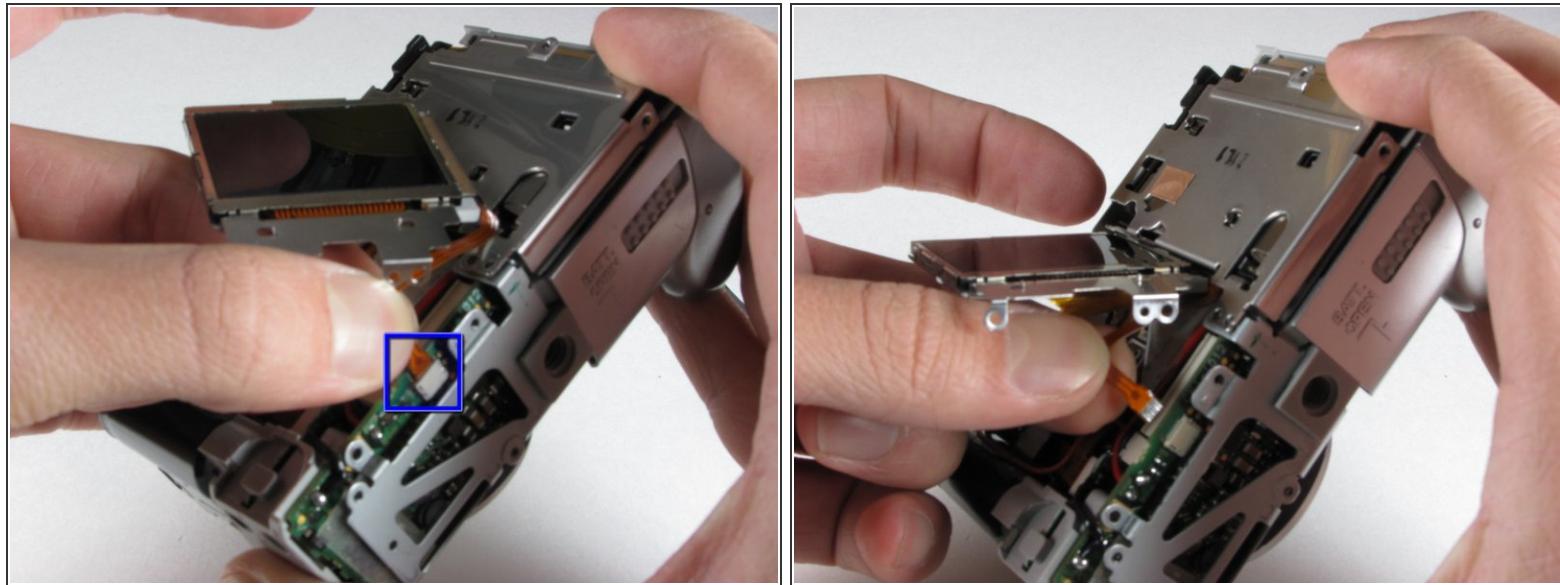
Step 25



- The screen is no longer screwed to the body.
- To pop it off, push down and pull away.

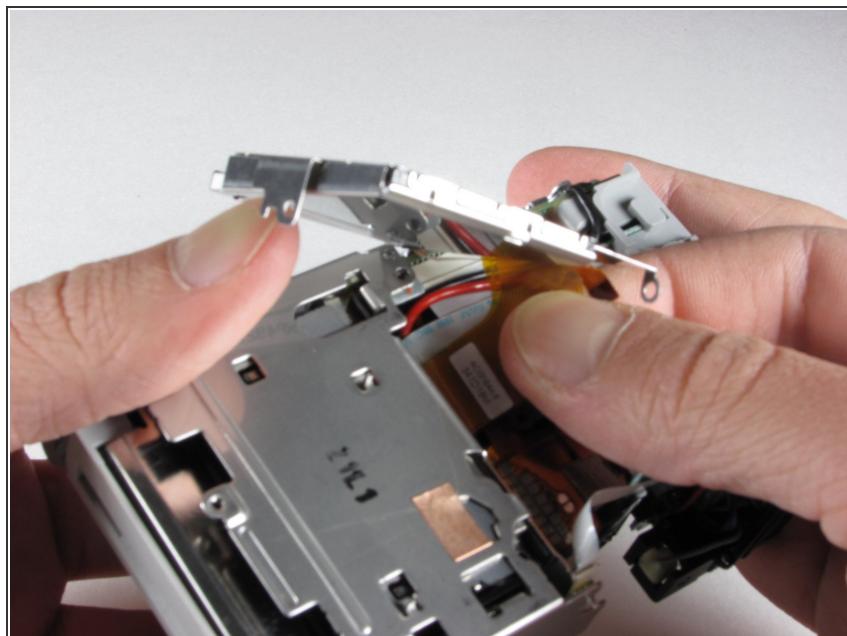
(i) It will swing away, because it is still plugged into the camera.

Step 26



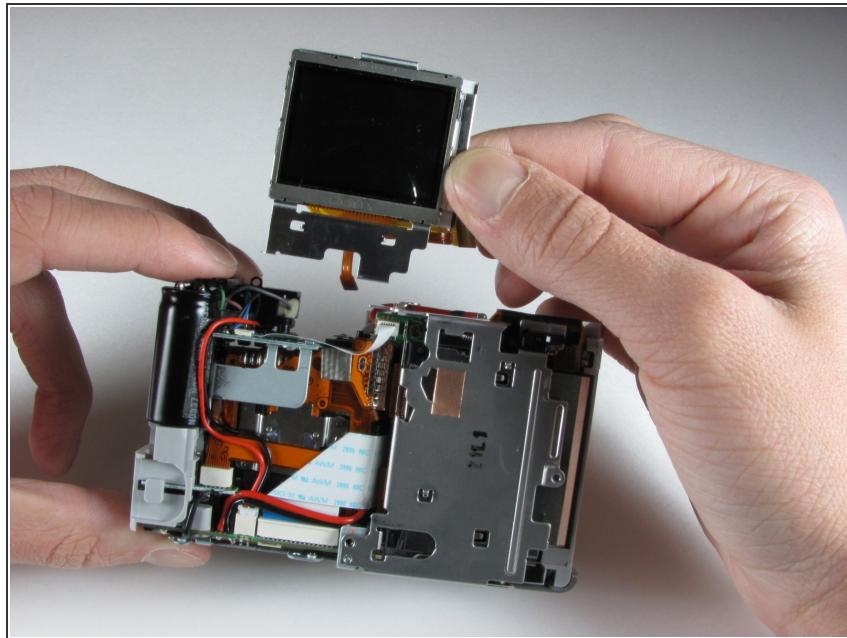
- Unplug the thin (towards bottom of camera), orange strip by pulling on it with your thumb and another finger.
- It will disconnect from the small white box.

Step 27



- Finally repeat the previous step with the thick, orange strip on the side of the screen.

Step 28



- You have successfully removed the LCD screen and it is ready to be replaced.

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