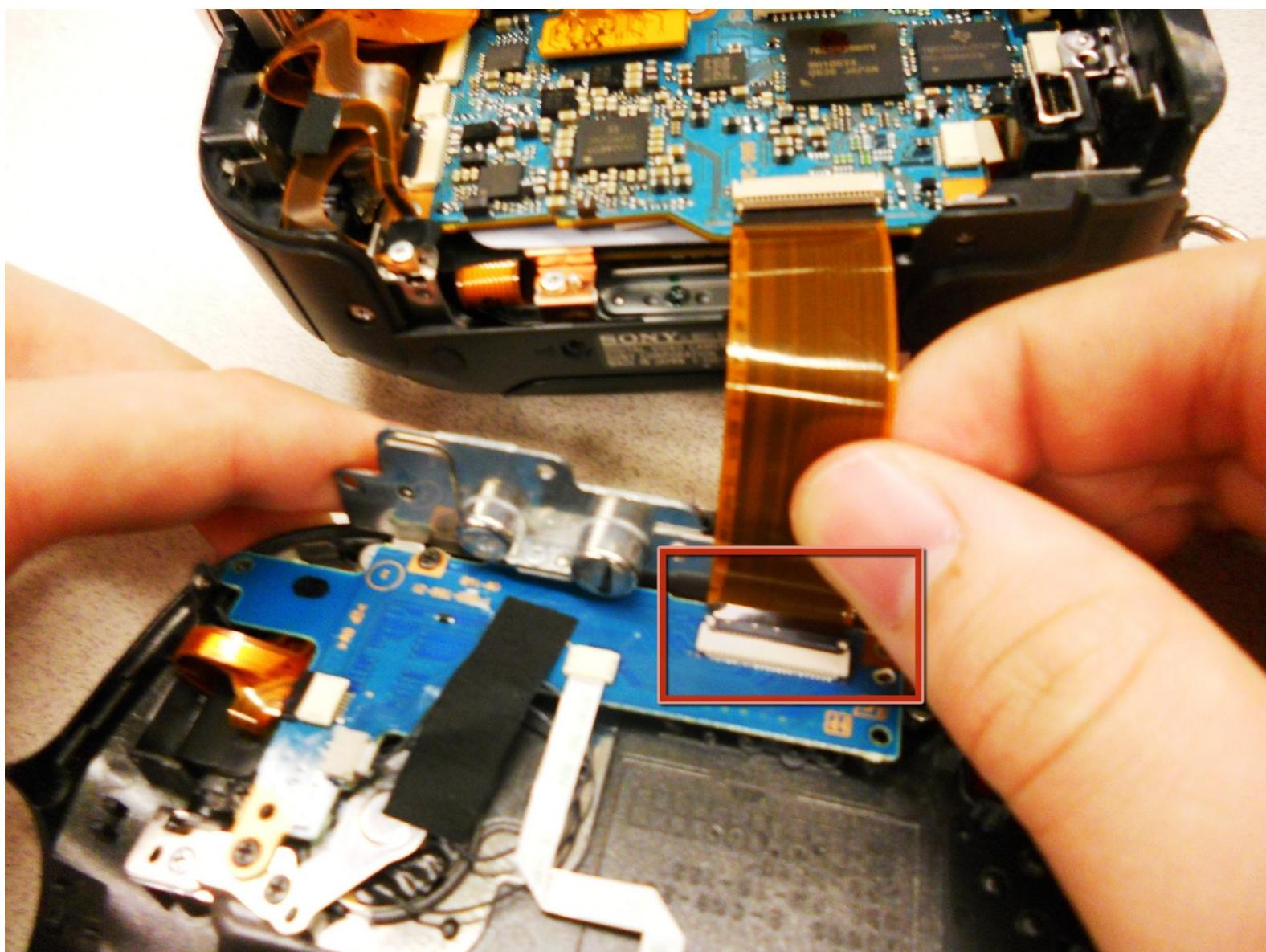




# Sony Handycam DCR-DVD103 LCD Screen Replacement

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

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## INTRODUCTION

Occasionally the LCD screen or the Back light on the camera will be cracked or simply stop working. This page outlines how to disassemble the camera in order to install replacement parts for any broken pieces.

### TOOLS:

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

## Step 1 — Battery



**i** Note: This camera came without a battery, thus all pictures shown will be missing a battery.

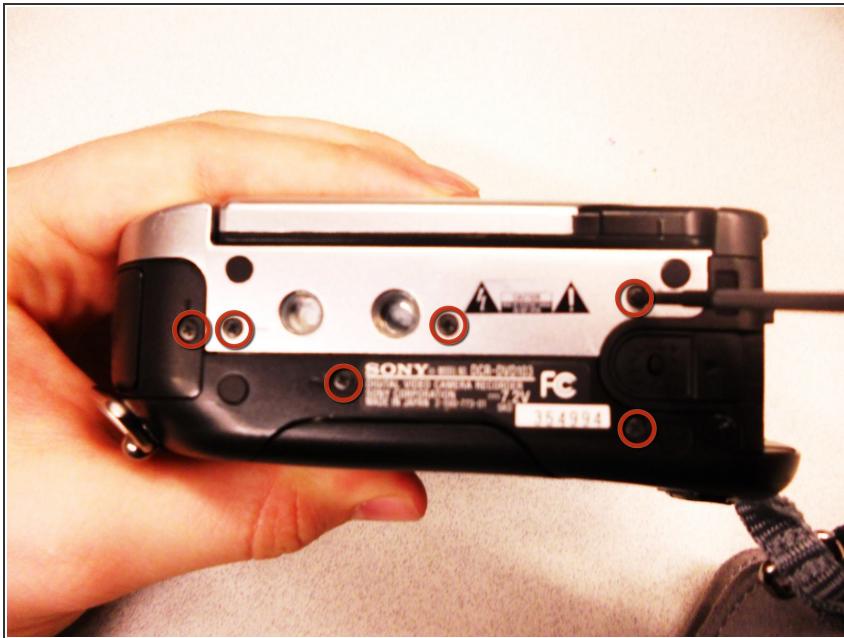
- Locate the battery pack which can be found on the back side of the camera below the viewfinder.
- Push in the small button on the bottom of the camera, marked with the red circle, then slide the entire switch forward, marked with the yellow rectangle.

## Step 2



- Slide the battery out of the back of the camera.
- The battery can be inserted by sliding it back into place in a similar manner to how it was removed.

## Step 3 — Outer Cover



- Remove the (6) 4.5mm screws from the bottom of the Sony Handycam that are marked with small circles.

*(i)* Note: You will use the #00 Philips Screwdriver for this part and in all subsequent slides.

*(i)* Note: Most screws that are meant to be removed are marked with arrows on the camera itself.

## Step 4



- Remove (3) 4.5mm screws from underneath the battery. Again they are marked by small arrows.
- Remove (1) 2.9mm screw from the right corner.
- Remove (2) 4.5mm screws from the battery right wall.

***(i)*** Note: The battery has been removed for these steps.

## Step 5



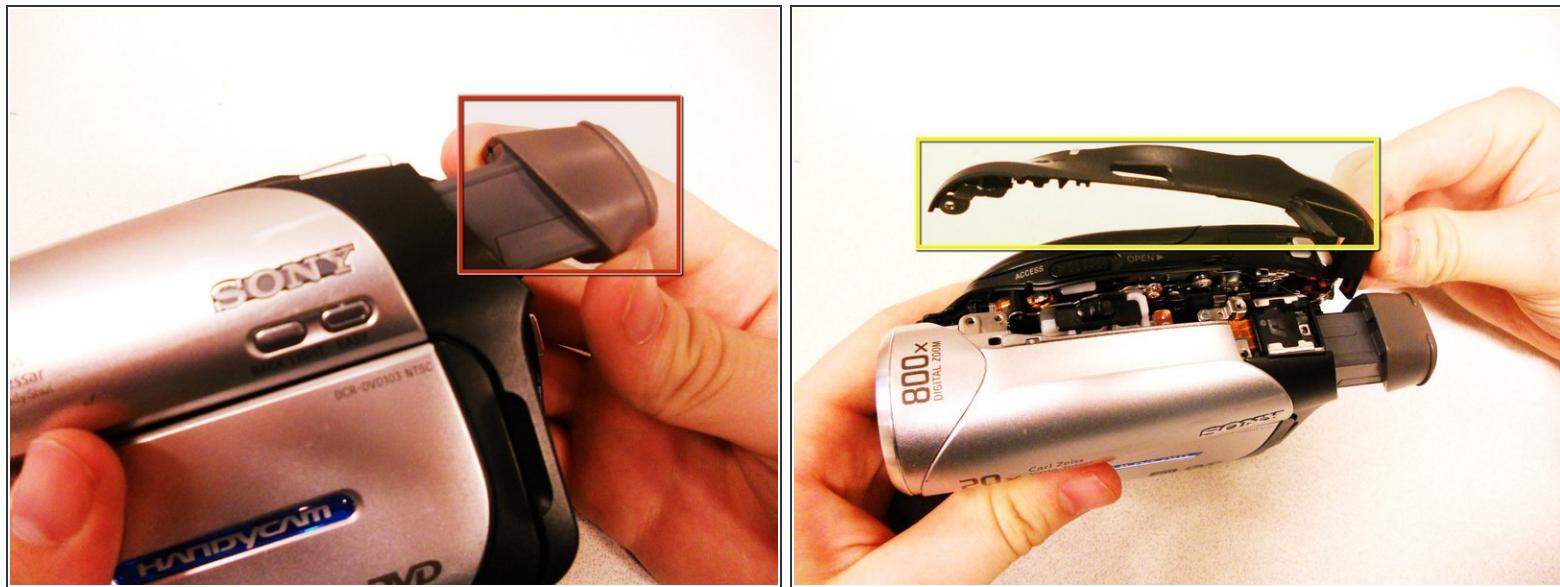
- Remove (1) 4.5mm screw from underneath the output flap on the front of the camera right below the lens.

## Step 6



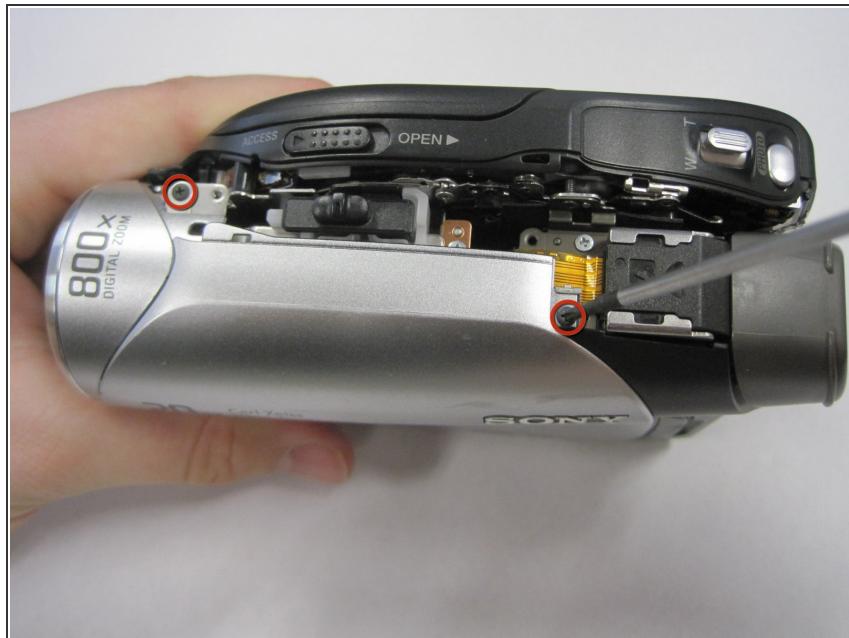
- Remove the (2) 4.5mm screws from the top of the camera that are pointed out with red circles.
- Remove the (1) 4.5 mm screw from the disk side of the camera located next to the lens. This screw is pointed out with a yellow circle.

## Step 7



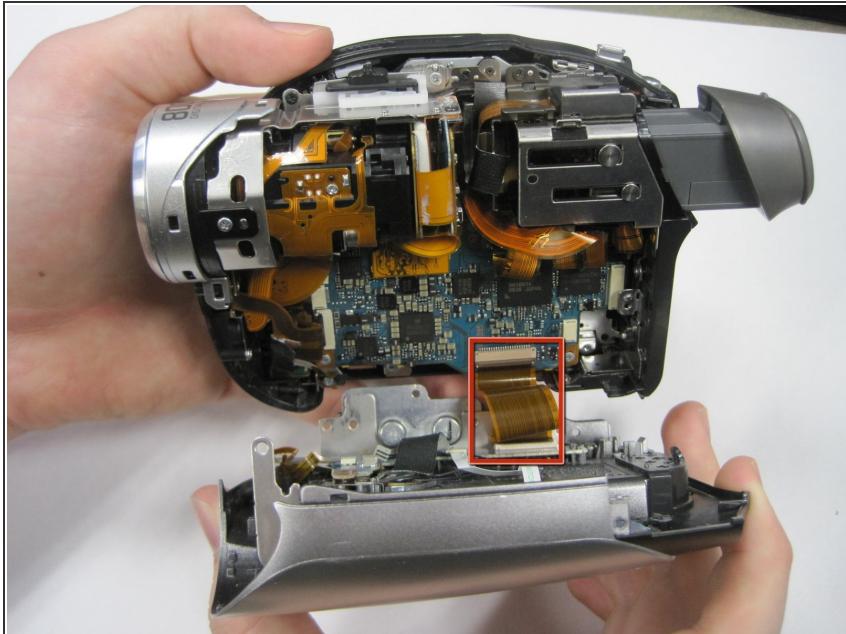
- Extend the gray viewfinder so the black, plastic casing will have room to come off.
- Remove the black plastic casing gently from the top of the camera. Use caution because the plastic pieces are fragile and tend to break easily.

## Step 8



- Remove (2) 2.9mm screws from under the black plastic casing that was mentioned in the previous step.

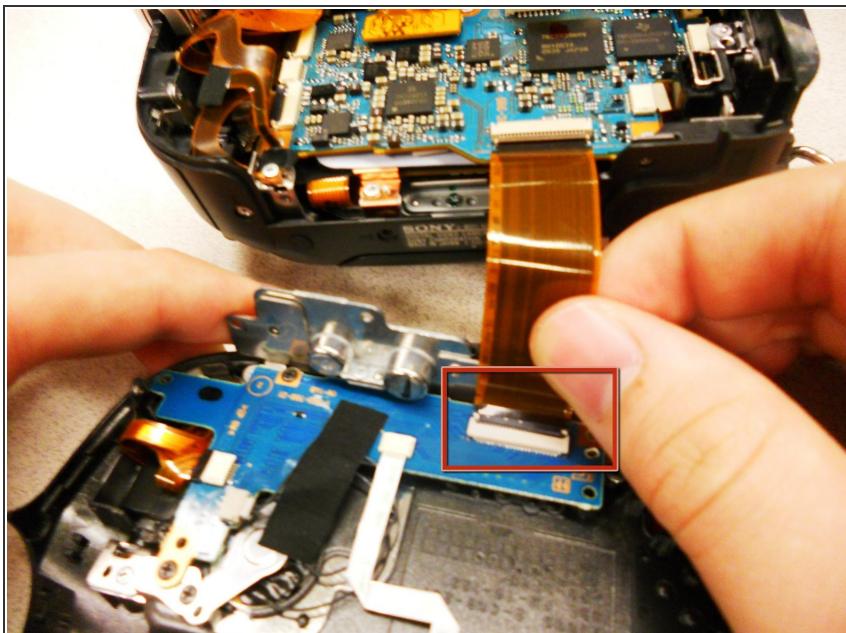
## Step 9



⚠ Caution: Carefully pull off the outer silver case along with screen.

- Note: The copper wire strip still connecting the cover to the body of the camera must be removed. It is pointed out with a red square in the slide.

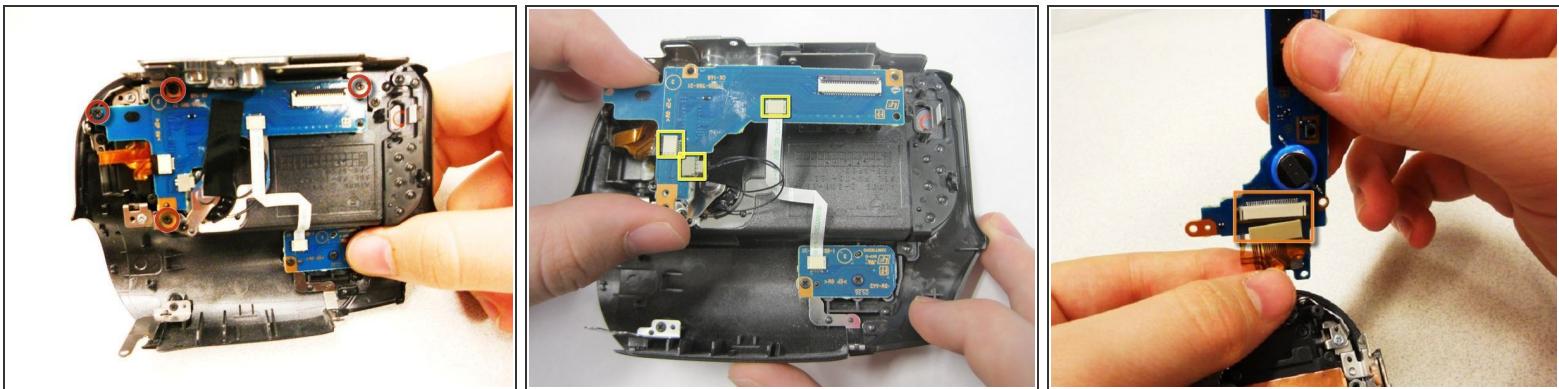
## Step 10 — LCD Screen



- Remove the copper strip holding that connects the outer casing to the entire of the camera.

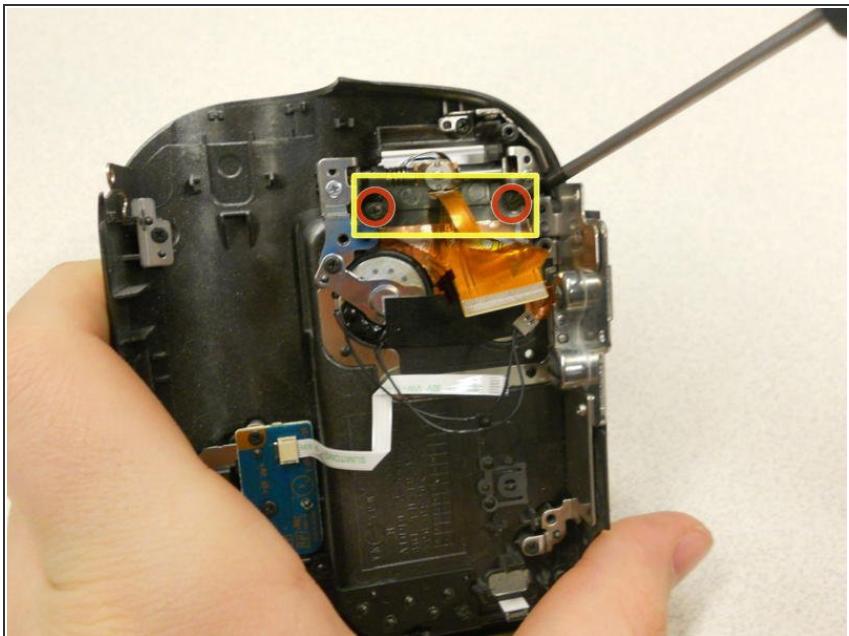
⚠ Use caution when removing the wire because if too much force is used it may tear.

## Step 11



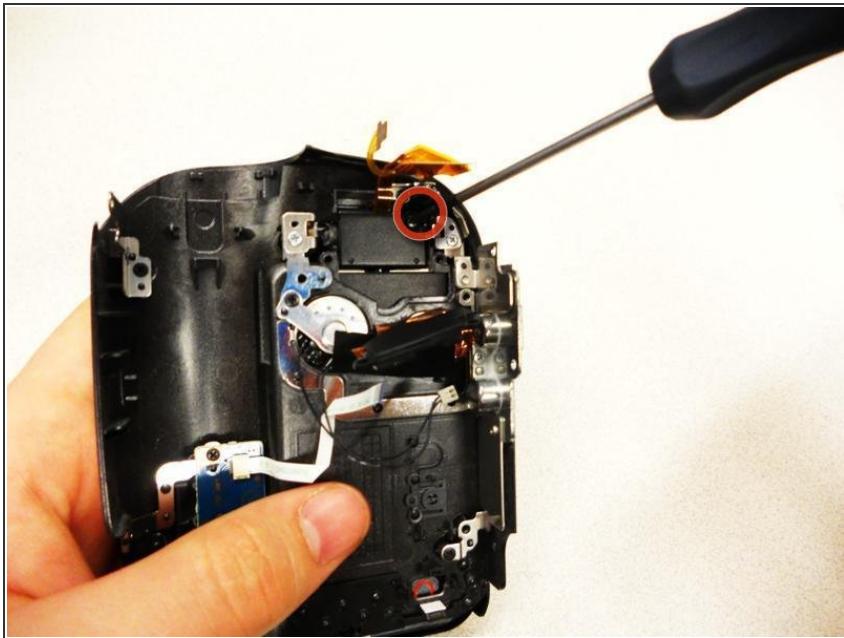
- Remove (4) 2.9mm screws from the L-shaped circuit board. They are marked with red circles in the slide.
- Remove the (3) wire strips connected to the camera so you can pull off the L-shaped circuit board.
- Remove the one wire strip that is connected to the bottom of the circuit board.

## Step 12



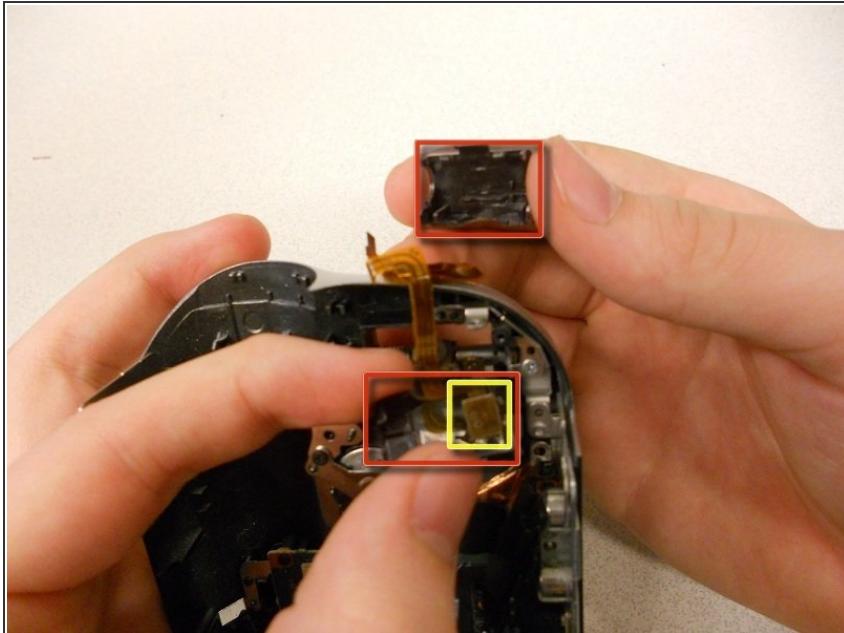
- Remove the (2) 4.5mm screws.
- Remove the small black holder from above the base of the LCD screen.

## Step 13



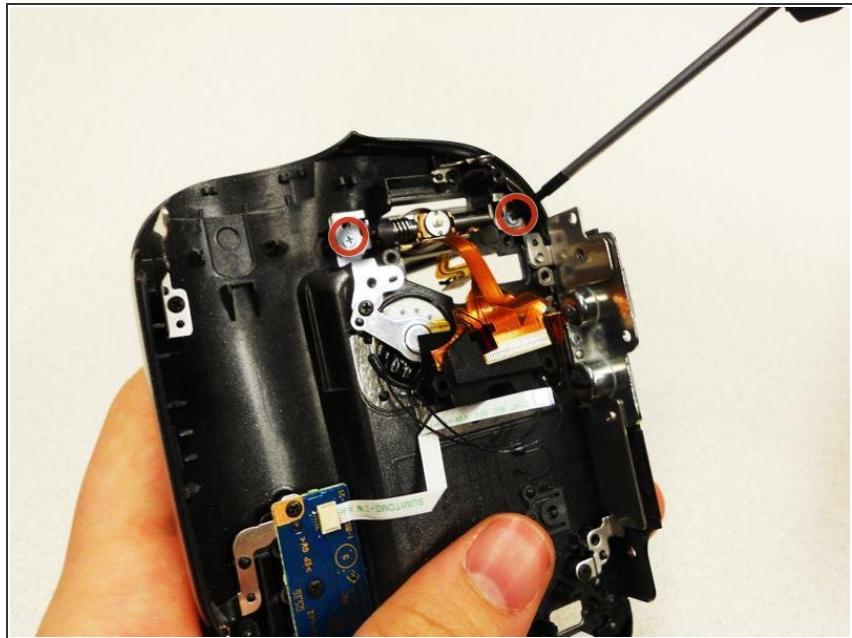
- Remove (1) 2.9mm screw from the base of the LCD screen.

## Step 14



- Remove the silver and black, front and back casings from the base of the screen.
- Remove one copper strip from the inside of the bottom case.

## Step 15



- Remove (2) 5.4mm screws, that are holding the screen to the cover, from the base of the LCD.

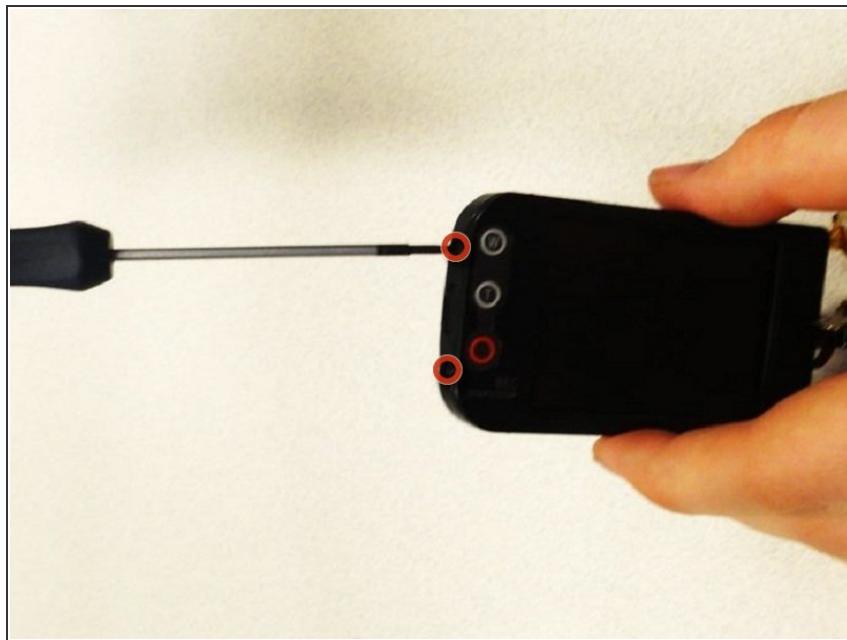
## Step 16



- Twist out the screen from the cover.

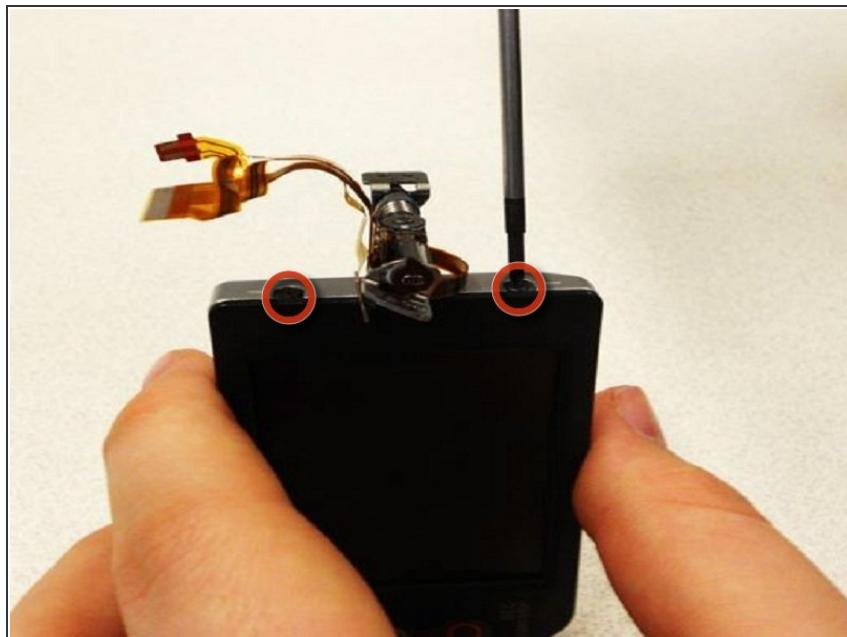
**⚠** Be careful not to break the casing when trying to get the screen out as it does require some maneuvering.

## Step 17



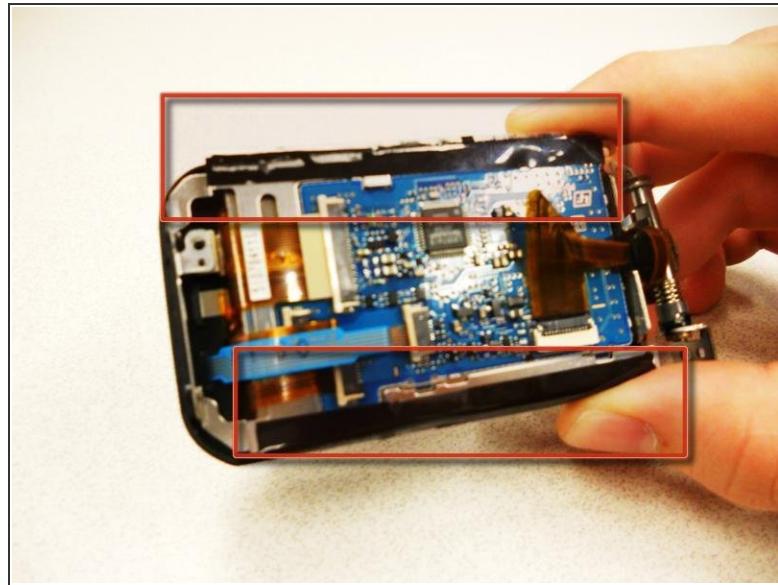
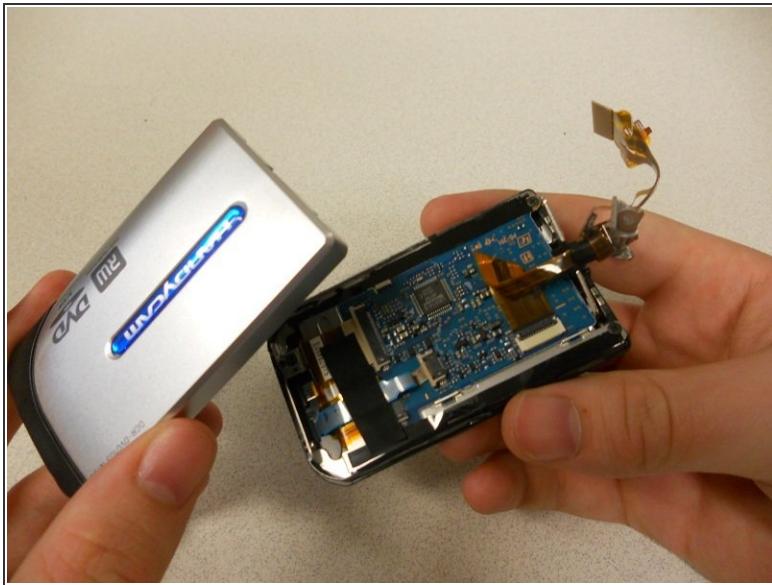
- Remove (2) 3.8mm screws from the end of the LCD.

## Step 18



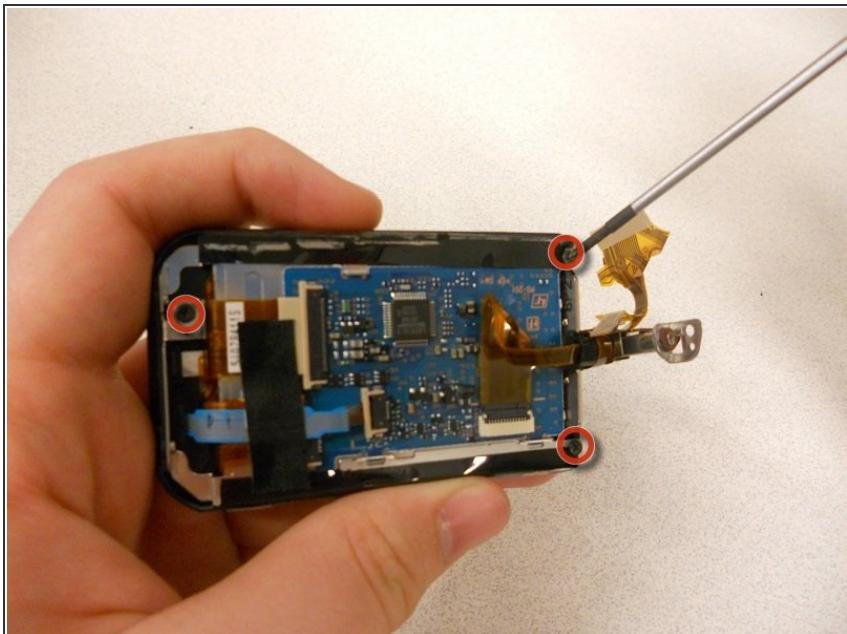
- Remove (2) 3.8mm screws from the bottom of the LCD.

## Step 19



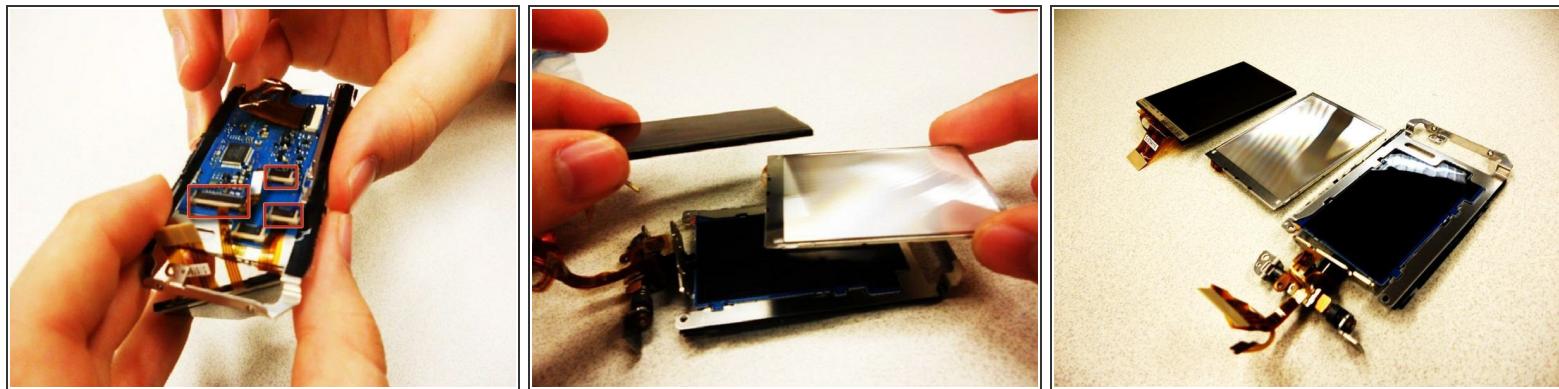
- Pull off the silver cover on the screen which will reveal the circuit board from behind the screen itself.
- Pull off the black tape stuck to both sides of the circuit board.

## Step 20



- Remove (3) 4.5mm screws from back-side of the LCD.

## Step 21



- Remove the (3) copper strips to remove both the screen and the back light.
- Replace what is broken.

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