



Canon Powershot SD790 IS LCD Screen Replacement

Replacing a broken LCD screen.

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INTRODUCTION

This guide is a step-by-step instruction on how to remove and replace a broken LCD screen for the Canon Powershot SD790 IS.

TOOLS:

- [New replacement LCD screen](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)

Step 1 — LCD Screen

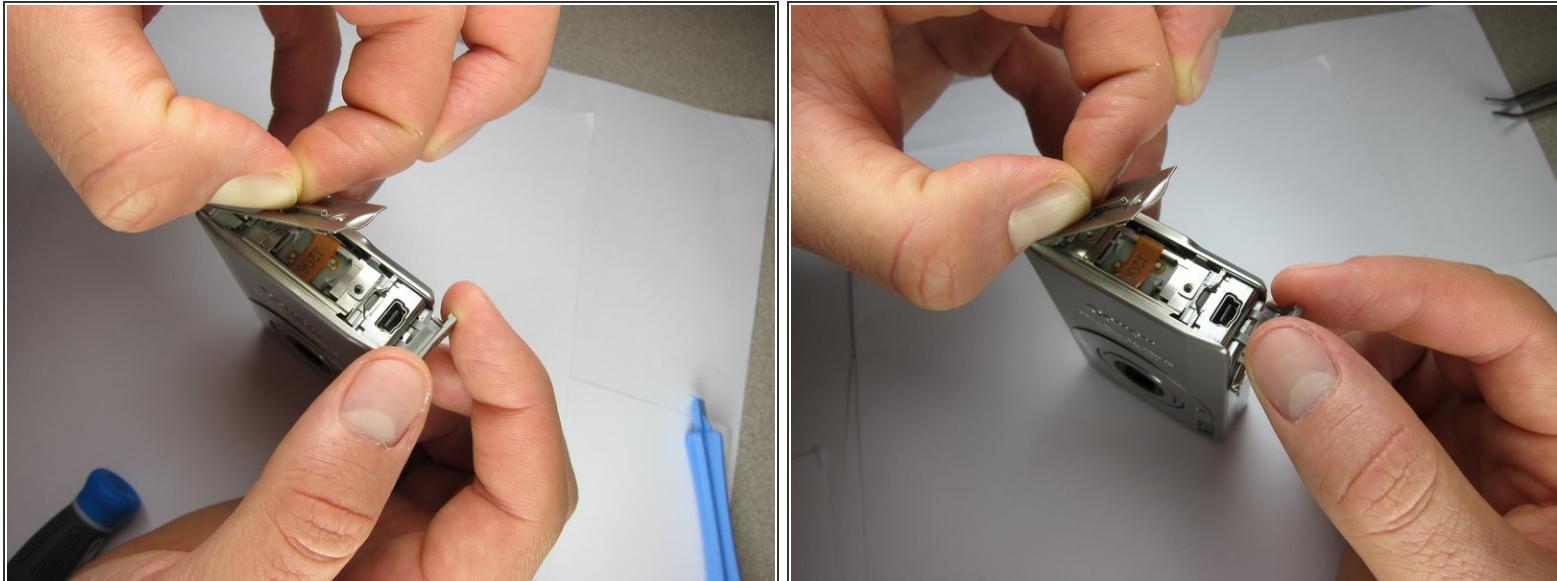


- Tools Required: #00 Phillips-head screwdriver

 Caution: The six screws removed in this step are tiny and should be placed in a secure location.

- Using the #00 Phillips-head screwdriver, remove the two screws from the left side (as shown in picture 1).
- Using the #00 Phillips-head screwdriver, remove the two screws from the right side of the camera (as shown in picture 2).
- Using the #00 Phillips-head screwdriver, remove the two screws from the bottom of the camera (as shown in picture 3).

Step 2



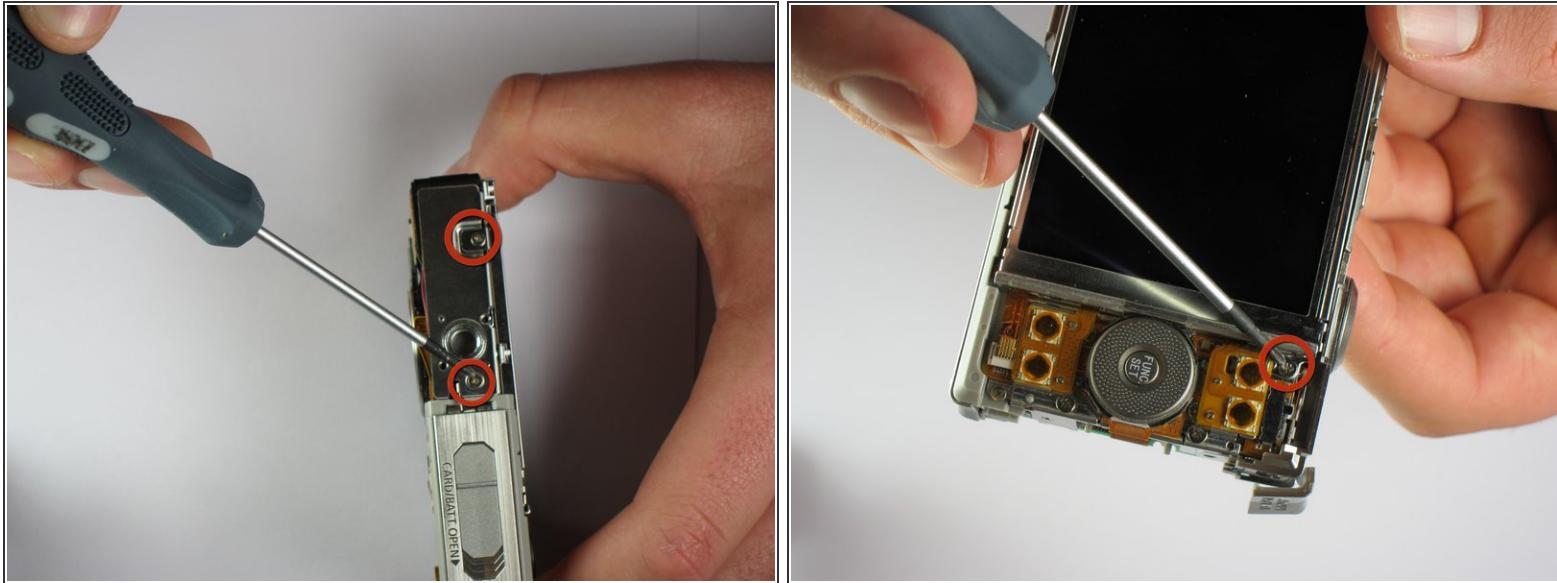
- Using your fingers, manually pop open the USB cover, labeled as "A/V OUT DIGITAL." This is located on the side of the camera (refer to picture).
- Gently pull the tab of the side cover and completely detach it from the camera.

Step 3



- Tools Required: Spudger
- To pry off the screen cover, gently grab the sides of the camera. If necessary, use spudger (refer to pictures).
- Once the screen cover is removed, the front cover and side plate will slide off (refer to pictures).

Step 4



- Tools required: #00 Phillips-head screwdriver

⚠ Caution: The three screws removed in this step are tiny and should be placed in a secure location.

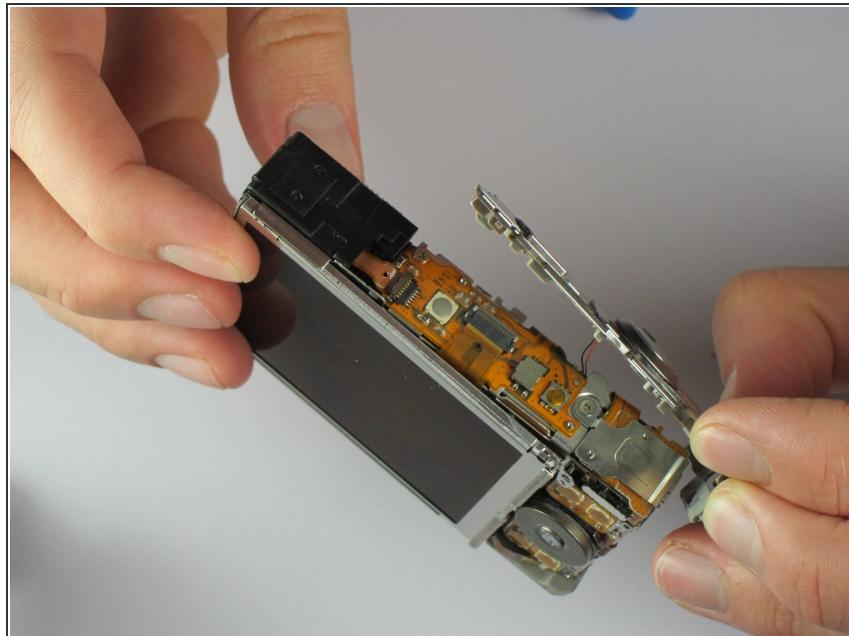
- Using the #00 Phillips-head screwdriver, remove the two screws located on the bottom of the camera, as well as the single screw located next to the LCD screen (refer to pictures).

Step 5



- Tools Required: Tweezers
- Using tweezers, gently slide the small, orange, translucent strip (LCD cable) horizontally from its white plug towards the camera's screen (refer to picture).

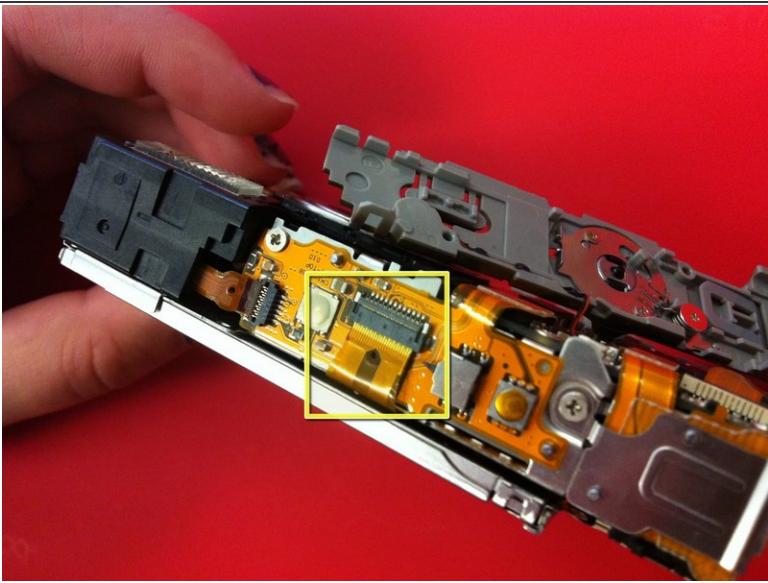
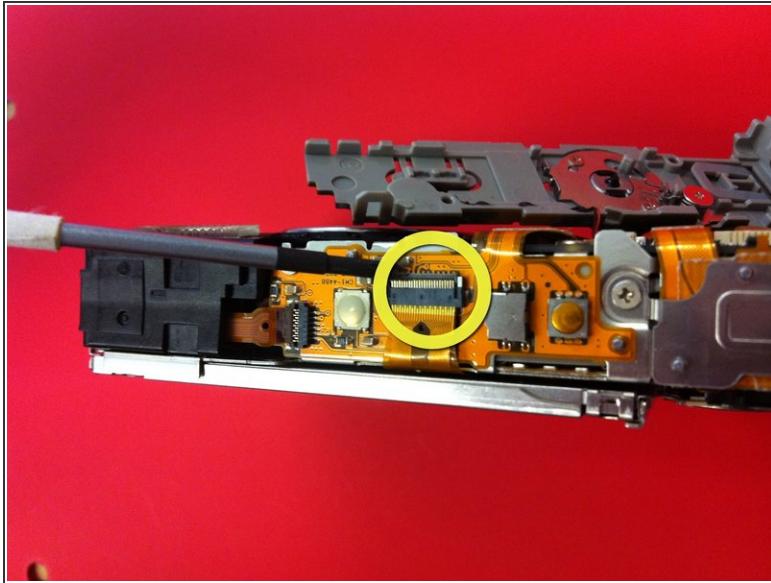
Step 6



⚠ Caution: Do not completely remove the button release panel from the camera. Black and red cables will keep the panel attached to the camera. Just let the panel hang out of the way as you complete the remaining steps.

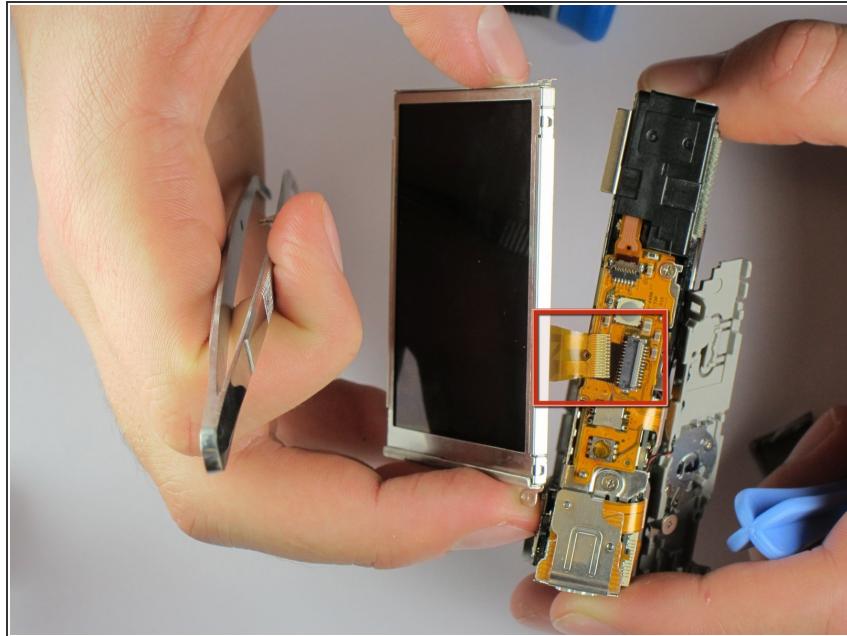
- Using your fingers, pop open the USB port cover (labeled as “A/V OUT DIGITAL” on the camera).
- Using your fingers, remove the button release panel, located on the top of the camera (refer to picture).

Step 7



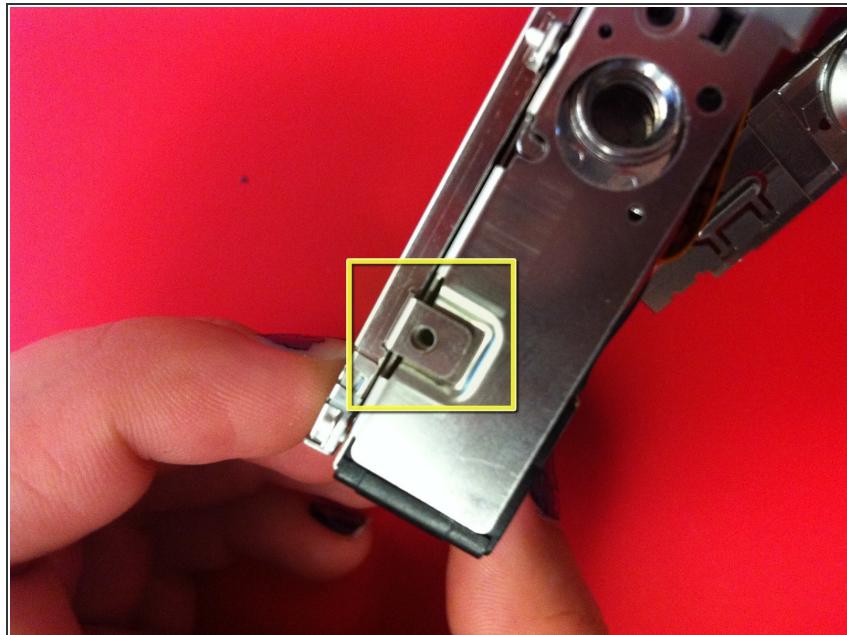
- Tools Required: spudger
- ⚠ Caution: Gray clip is very small.
- ⓘ Note: To view a larger version of these pictures, click the "Use huge" option located in the upper lefthand corner of the picture.
- Using the spudger, flip the small gray clip (located next to the dark gray LCD port on top of camera) in an upward motion. Clip should remain attached to camera, not removed completely (refer to pictures).

Step 8



- Tools required: Tweezers
- Using tweezers, gently slide the orange, translucent LCD ribbon from its dark gray plug horizontally towards the screen.
- Once you have finished this step, the screen is now ready to be replaced.

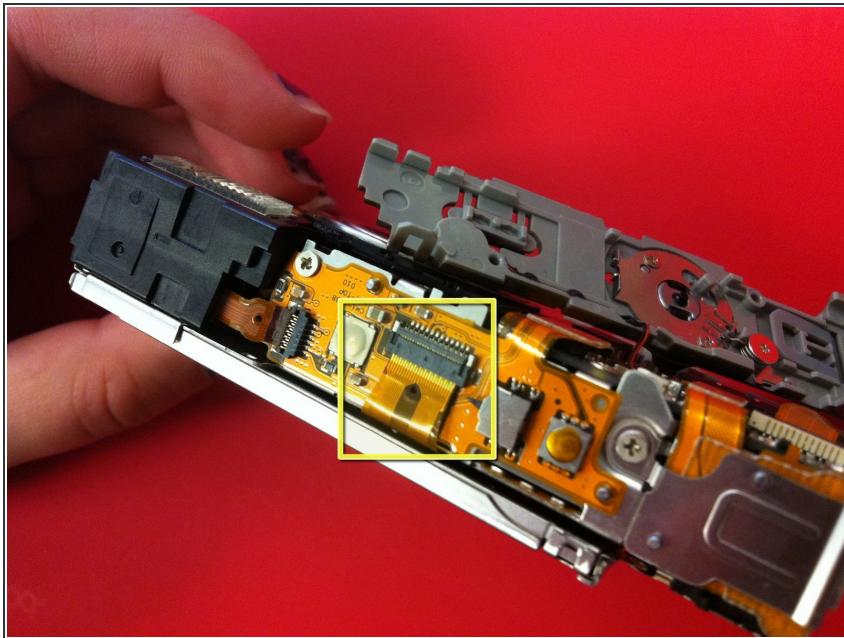
Step 9



i Note: This is the first step in reassembling the camera with your new LCD screen.

- Slide the LCD screen back on the camera by aligning the bottom left flap with the outside of the screw hole (refer to picture). Check all corners of the screen to ensure proper fit.

Step 10



- Tools Required: Tweezers
- Insert LCD strip horizontally into port, using tweezers if necessary.
- Flip small gray clip from the vertical position to the horizontal position. There will be a light clicking sound when the flap switches to the horizontal position, locking the LCD strip in place.

Step 11



- Take the white prong on the button panel (located on top of camera) and line up with the hole (as shown in picture). Once these are aligned, the button panel will snap into place.

Step 12

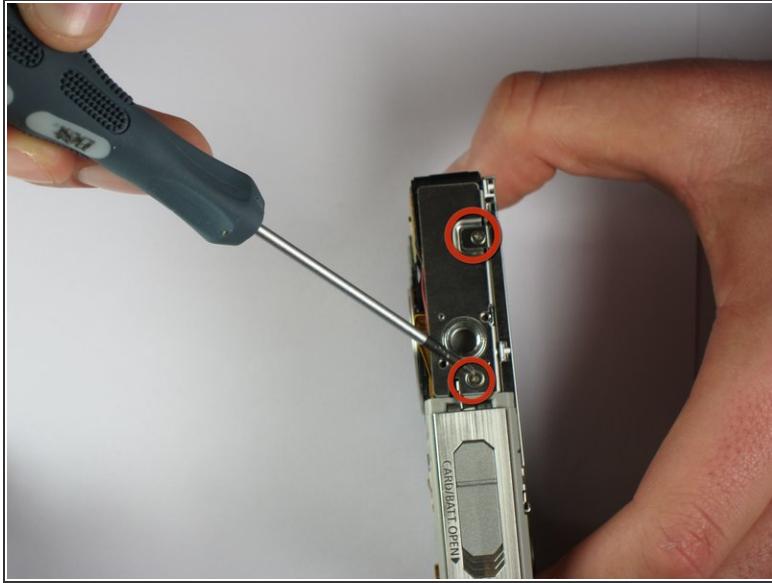


- Tools Required: Tweezers

⚠ Caution: Use extreme care when completing this step.

- On the bottom of the camera, horizontally slide the LCD ribbon back into its port, using tweezers if necessary.

Step 13



- Tools required: #00 Phillips-head screwdriver

! Caution: The three screws reattached in this step are tiny and should be handled carefully.

i Note: the two screws on the bottom of the camera should be the longer screws, not the shorter ones.

- Using the #00 Phillips-head screwdriver, reattach the two screws located on the bottom of the camera and the one screw on the side of the camera. These screws hold the LCD screen in place (refer to pictures).

Step 14



(i) Note: Tabs for the front cover go on the outside

- Starting with the side plate, line it up and snap it back into place on the camera.
- Lining up the tabs on the outside of the camera, snap the front cover back into place.
- Once the side plate and front cover are in place, the screen cover will snap back onto the camera.

Step 15



- Note: The USB port, labeled "A/V DIGITAL OUT", must be open prior to reattaching the side cover.
- Reattach the side cover of the camera by snapping it back into place (refer to picture). Once the side cover is in place, close the USB cover, labeled "A/V DIGITAL OUT."

Step 16



- Tools required: #00 Phillips-head screwdriver

 Caution: The six screws used in this step are very tiny and should be handled carefully.

- Using the #00 Phillips-head screwdriver, reattach the shorter screws on the left, right and bottom sides of the camera (refer to pictures).