Sony Handycam HDR-CX380 Shutter Assembly Replacement

In this guide, you will learn how to remove the...

Written By: John Santoro

INTRODUCTION

In this guide, you will learn how to remove the shutter assembly from the Sony Handycam HDR-CX380. Completely removing the shutter assembly must be done with caution, as it is connected to the motherboard with sensitive electrical ribbon.

🔧 TOOLS:

iFixit Opening Tool (1)
Phillips #00 Screwdriver (1)

Step 1 — Battery

- Rotate your camera such that the underside is facing you and the lens is facing the ground.

- ⓘ You should be able to see the camera's label, and it should be rotated 90 degrees counterclockwise.

Step 2

- Using your left thumb, push down the slider to the left of the SD card slot.

⊡ When inserting a new battery or reinserting the one you removed, you can ignore this step.

Step 3

- Using your right index finger and thumb, pull the battery toward you and then away from the camera.

Step 4 — Camera Shell

- Orient the camera with the battery side facing up.

Step 5

- Remove the single 4.5 mm Phillips #00 screw.

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Step 6

- With the blue plastic opening tools, gently pry the plastic casing surrounding the start/stop button free.

- Remove the casing using your right thumb and index finger.
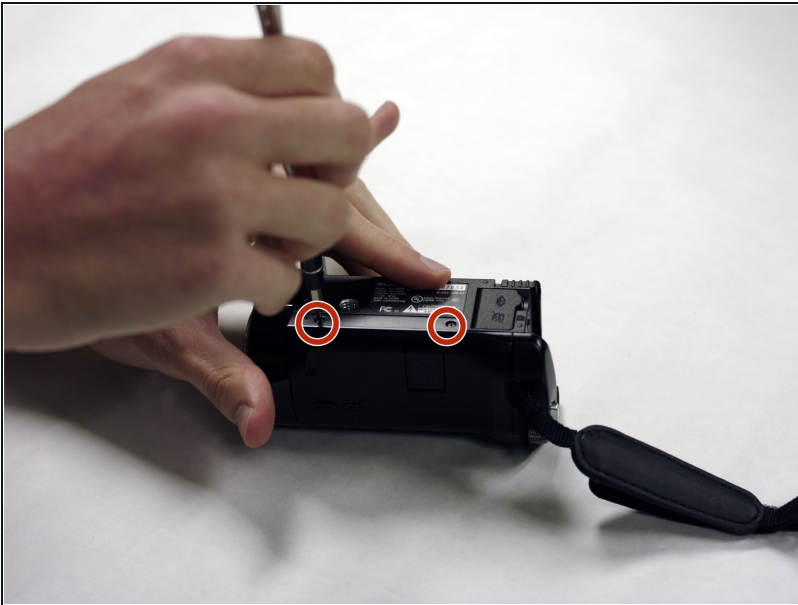
Step 7

- Flip open the LCD panel to get to the side panel.

- Remove the three 5.5 mm Phillips #00 screws.

Step 8

- Turn the camera around to the grip side and remove the 5.5 mm Phillips Head screw using your J00 Phillips Head screwdriver.
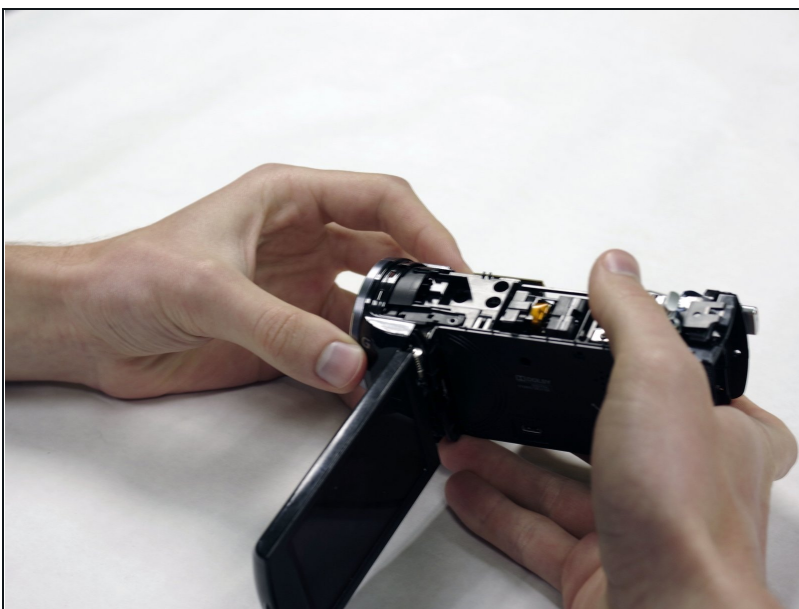
Step 9

- With the bottom of the camera facing up, remove the two 5.5mm Phillips #00 screws.
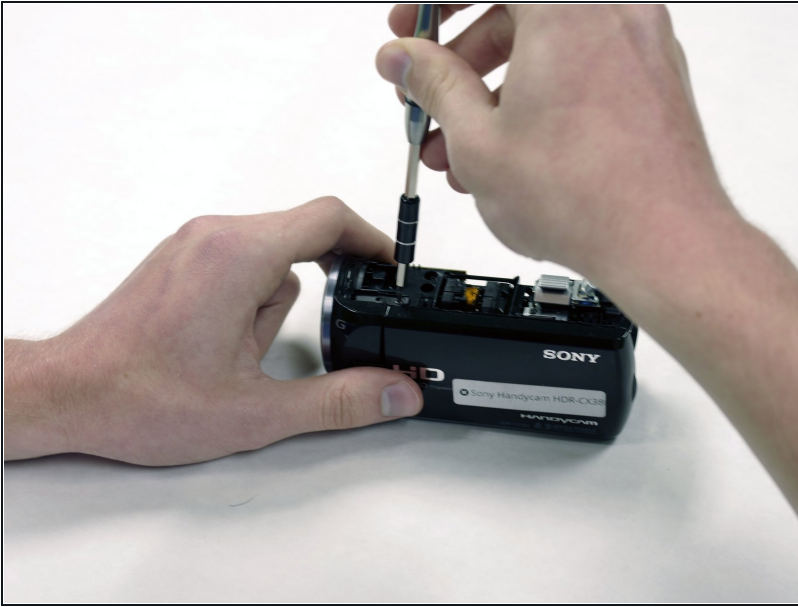
Step 10

- Orient the camera so the bottom is facing you.

- Use the blue plastic opening tools to gently ease the camera shell off of the camera.

- Rotate the camera so the LCD side panel is facing you and gently pry the shell off from the camera.
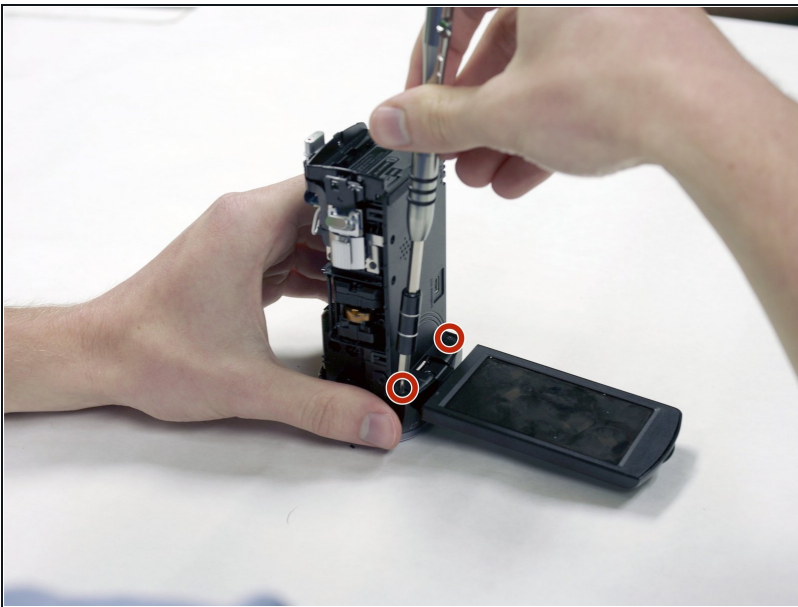
Step 11 — Lens Cover Panel

- Orient the camera such that the lens is facing to your left.

- Using your right hand to hold the camera, gently remove the lens panel from the camera with your left hand.

- ⓘ The camera should be oriented with the lens pointing to your left.
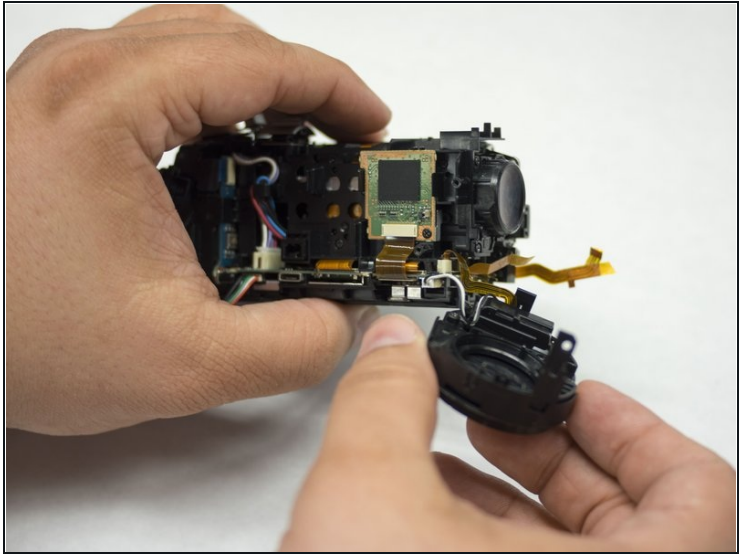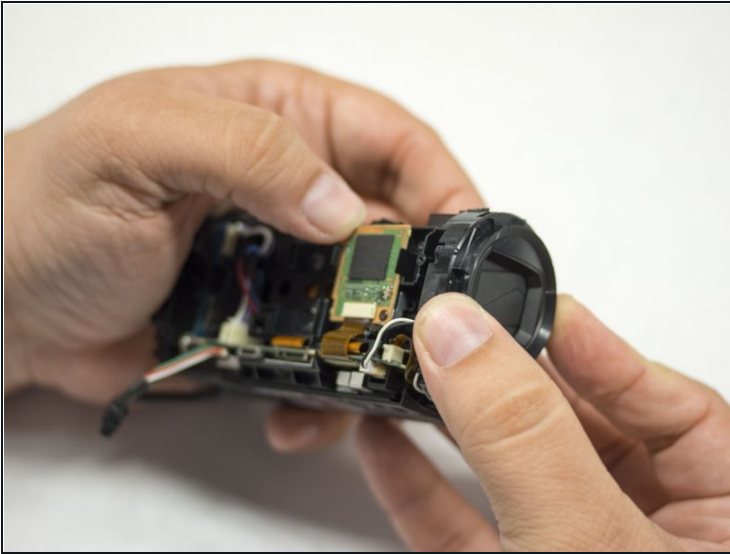
Step 12 — Shutter Assembly

- Rotate the camera so that it is upright and the lens is pointed to your left.

- Using your right hand to hold the screwdriver and your left to hold the camera, remove the single 5.5 mm Phillips #00 screw from on the top of the shutter assembly.
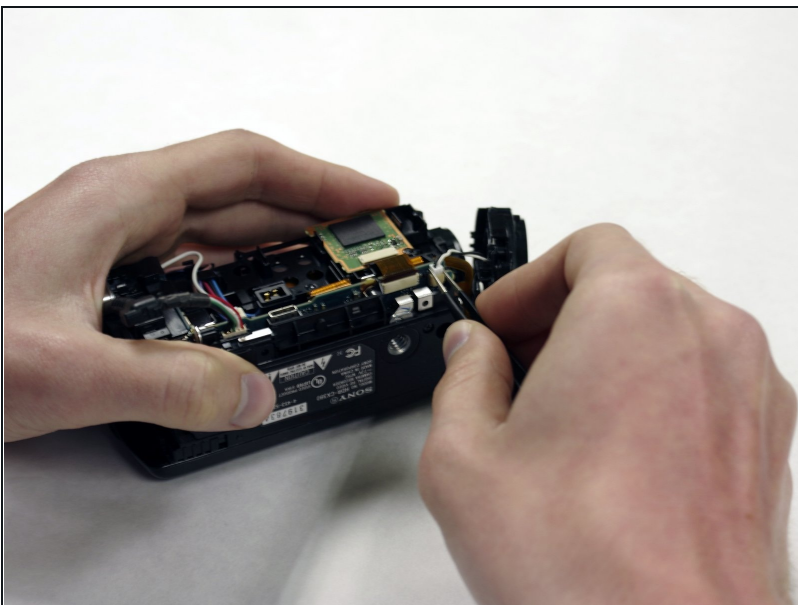
Step 13

- Rotate the camera such that the lens is pointed downward and the LCD screen points to your right.

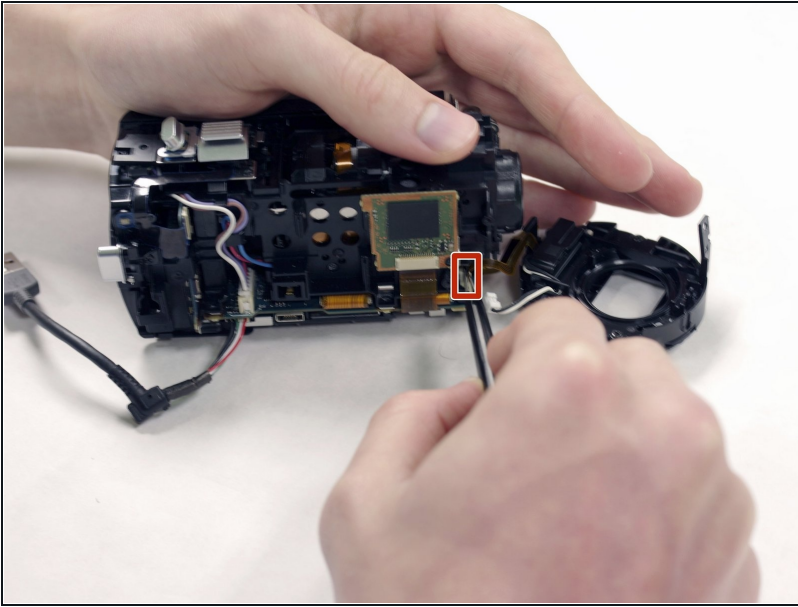- Remove the two Phillips #00 screws from the LCD screen's hinge.

Step 14

- Orient the camera such that it is upright and the lens is facing to your right.

- Using your left hand to hold the camera, gently remove the shutter assembly from the hull with your right hand.

- ⓘ If you are only trying to remove the lens, you do not need to perform the next two steps.

Step 15

- Orient the camera such that the bottom is facing toward you and the lens is facing to your right.

- Using your metal tweezers, gently remove the wire harness connecting the shutter assembly to the motherboard.

Step 16

- Rotate the camera so that it is upright and the lens is facing to your right.

- Remove the ribbon cable connecting the shutter assembly to the motherboard using your metal tweezers.

⚠ Be sure to pull the ribbon cable gently, as ribbon cables are easy to damage and can require soldering to repair.

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