



# Sony Cyber-shot DSC-HX20V LCD Replacement

Cracked or broken LCD? Replace it!

Written By: Zacharias Merriam



## INTRODUCTION

Replacing the LCD is relatively easy and can be done with a 26 Bit Driver Kit and a Prying tool. Consultation with the service manual is recommended (Device schematics start at page 25): <https://docs.sony.com/release/mdsm/98346...>

## TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)

## Step 1 — LCD



- Orient the device so the bottom is facing up, and the lens is facing you ("bottom view").
- *i* For further reference, consult the service manual. [Link to service manual.](#)

## Step 2



- Remove these two black M1.4 X 3.5 Phillips head screws.
- The third, unmarked screw does not need to be removed at this time.

## Step 3



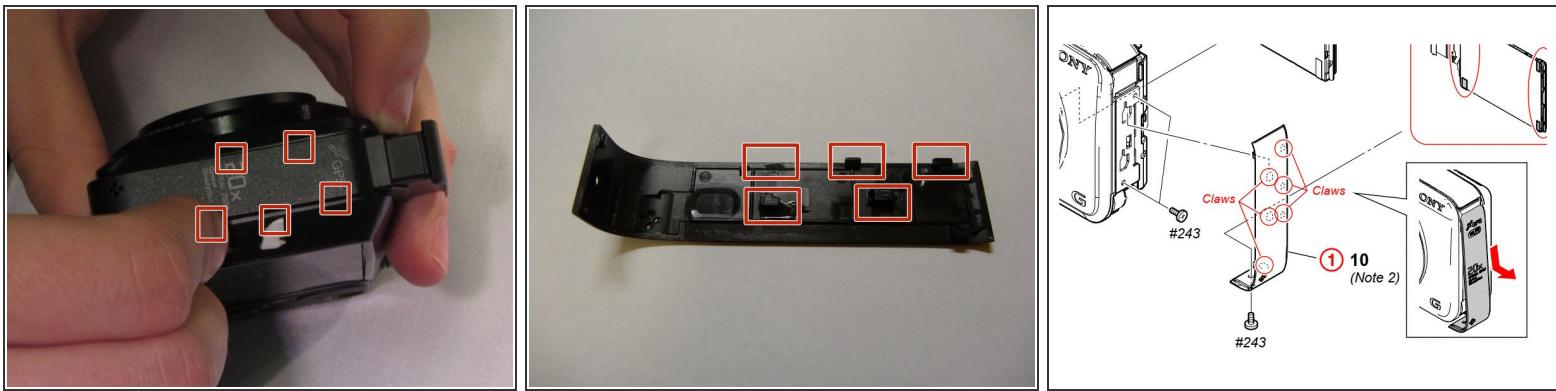
- Orient the device so the LCD is facing you, and the hdmi cover is facing up ("left view").
- Remove these three black M1.4 X 3.5 Phillips head screws.
- *(i)* You must lift the hdmi cover to expose one of the screws.

## Step 4



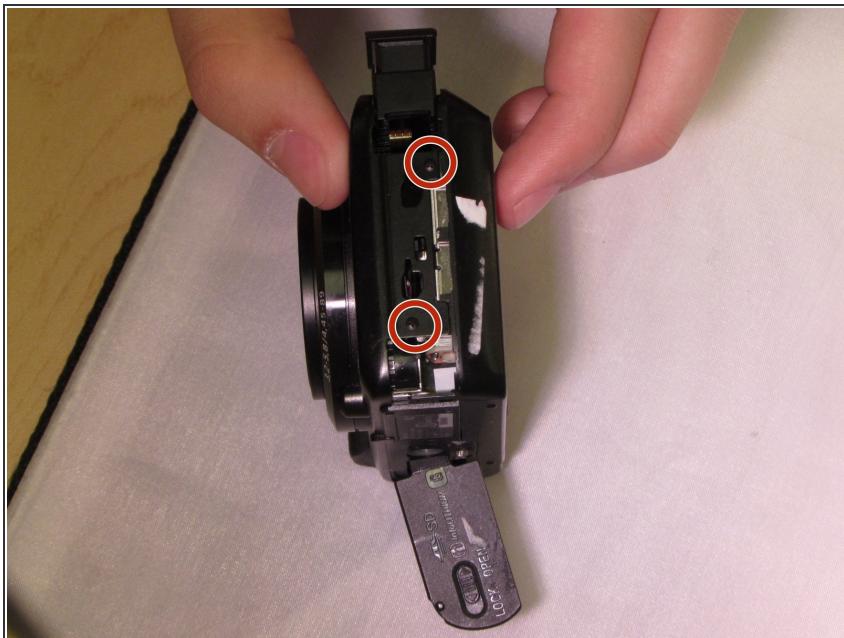
- Orient the device with the WiFi/GPS logo facing up ("right view").

## Step 5



- Use a prying motion and a plastic opening tool to pry the side panel up.
- Areas under the squares are approximate locations of retaining claws, shown at right.
- ⚠ Be careful not to break any of the retaining clips as you pry up this panel.
- ⚠ An image from the Service Manual has been added, which shows this side cover should be slid down before being removed, not just pried up as shown in the first picture in this step.

## Step 6



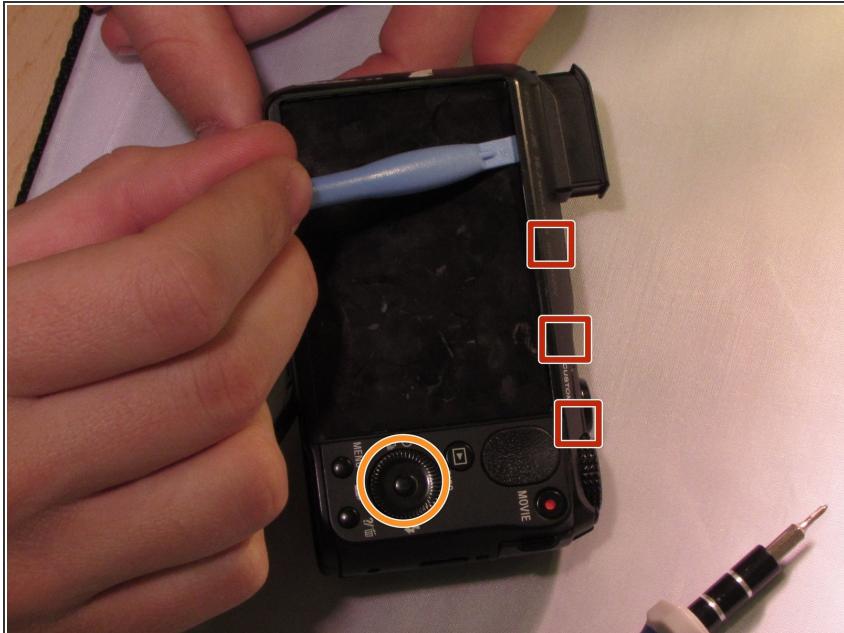
- After removing the panel, remove the two black M1.4 X 3.5 Phillips head screws.

## Step 7



- Orient the device so that the LCD is facing you ("back view").

## Step 8

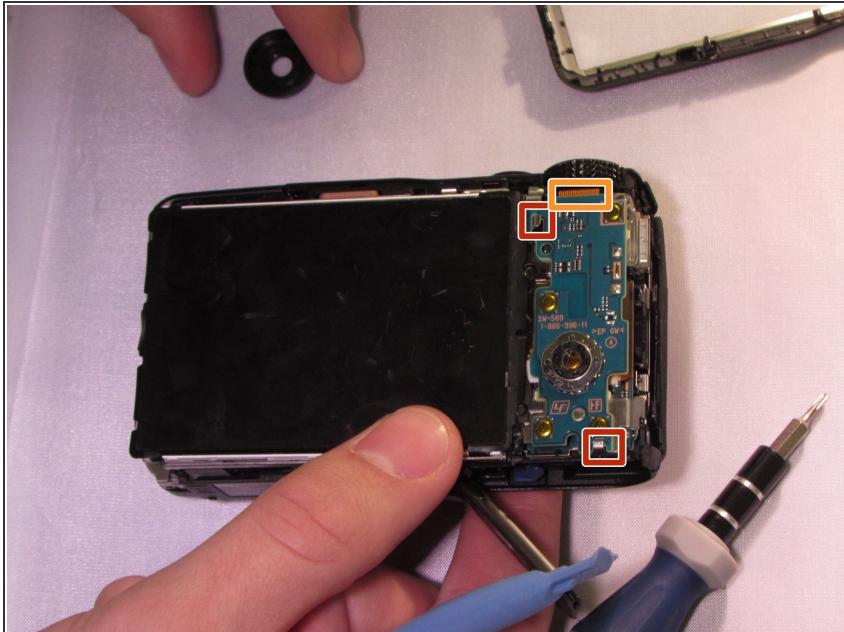


- Use the plastic opening tool with a prying motion, going between the case and the LCD, from the middle

of the LCD to the right of the device, undoing the claws retaining the back.

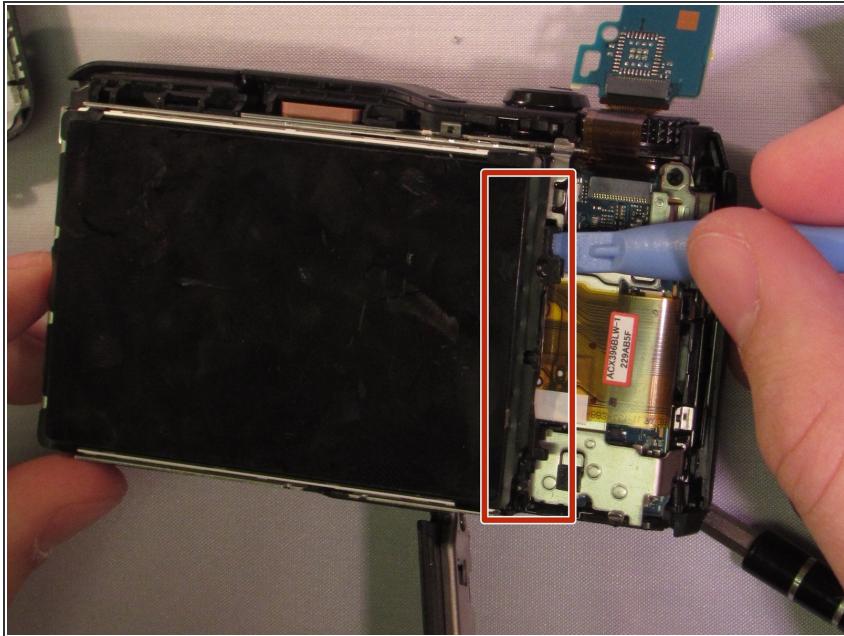
- When replacing the back cover of the device, ensure the flash module is **UP**.
- The back cover should come off easily but you might hear light snapping or popping.*
- The rotary wheel and button are not secured. They will come loose when the back cover is removed. Set them aside for reassembly*

## Step 9



- Unhook the small printed circuit board by gently pressing the board towards the top of the device and lifting up.
- Note a ribbon cable should be attached at the top. This does not need to be disconnected yet.*

## Step 10

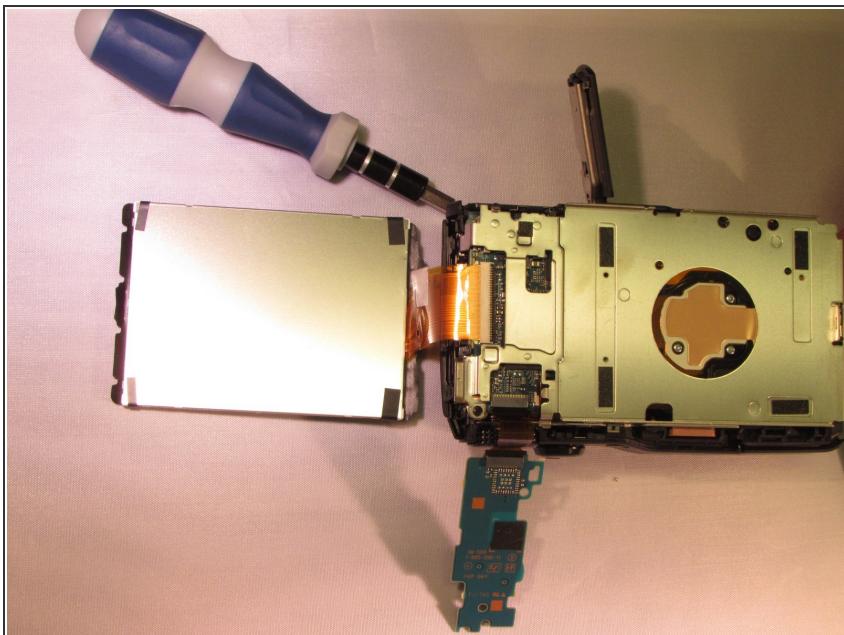


- Using a plastic opening tool remove the black LCD retainer clip to the right of LCD.

**Tip** Note the orientation of the black LCD retaining clip and how it comes out of the camera.

**Tip** If in doubt, consult the service manual. (Pages 25-27) [Click to continue to the service manual.](#) This has a reference number of 3 in the linked diagram.

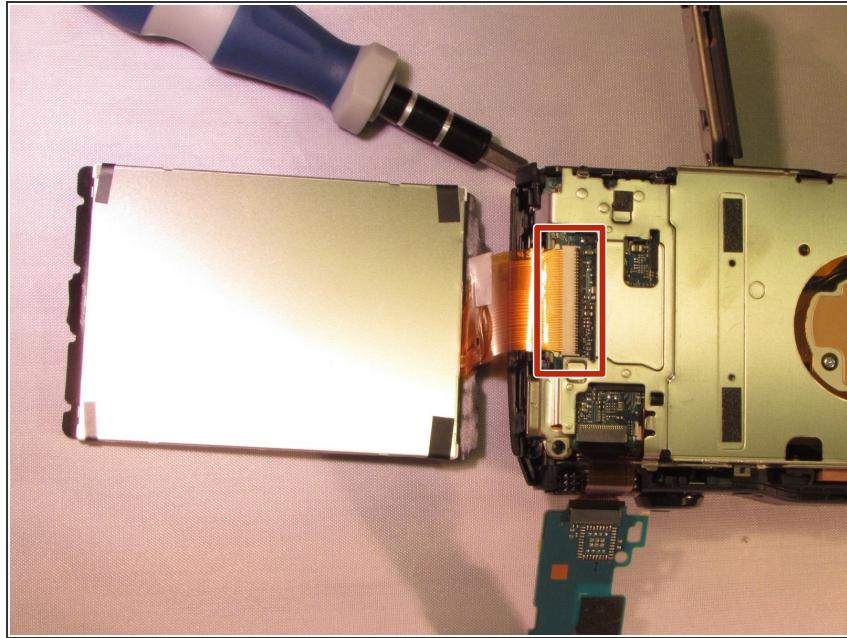
## Step 11



- Use the plastic opening tool to gently lift the LCD from the device

**Info** The LCD should be attached to a ribbon cable

## Step 12



- Using the plastic opening tool to lift the black retaining clip up to disengage the ribbon cable. Then gently pull the ribbon cable to remove.

*(i)* Be careful to not damage the cable.

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