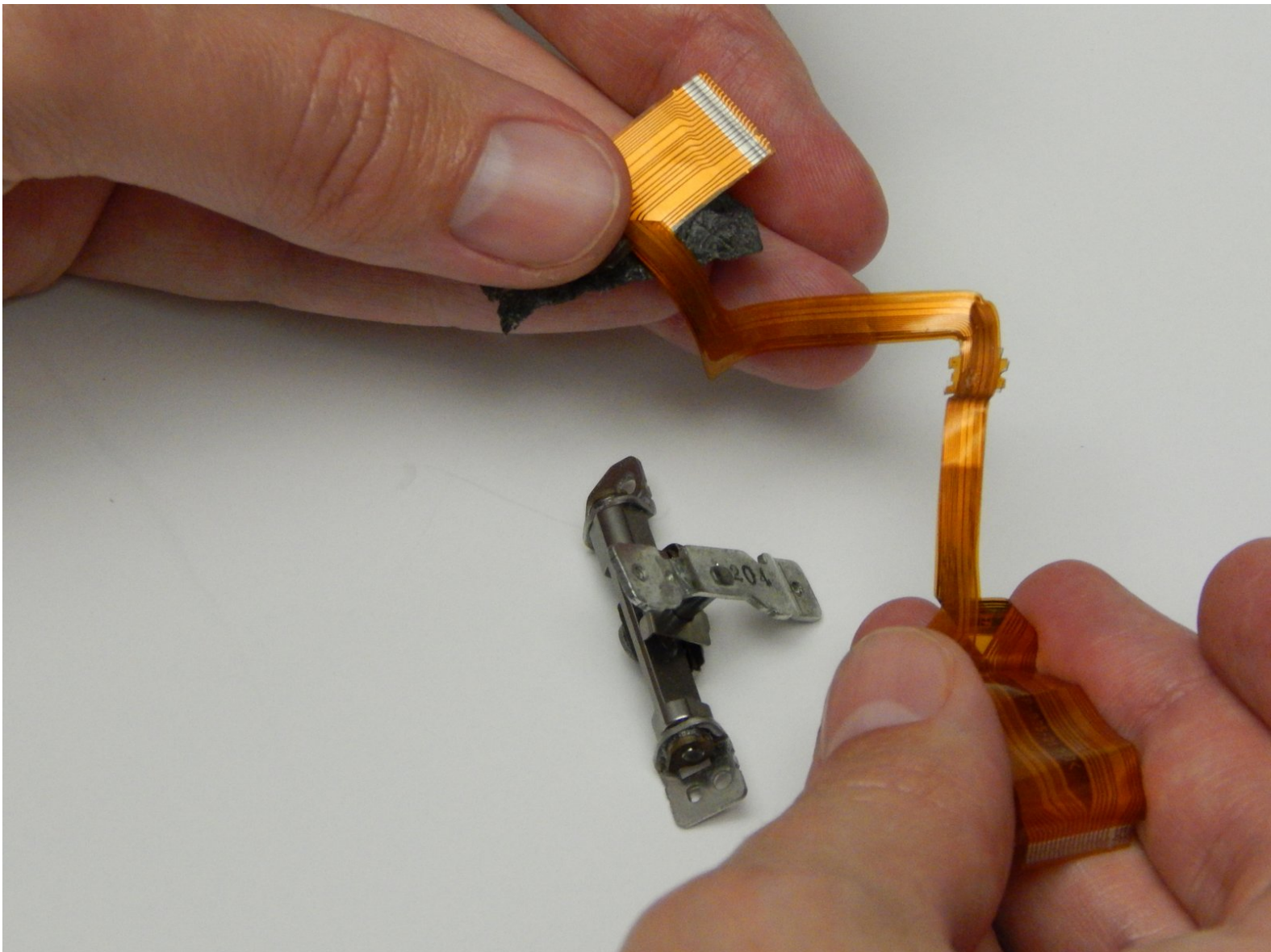




# Sony Handycam DCR-HC30 Flex Cable Replacement

This guide will help the owner of a Sony Handycam DCR-HC30 replace the flex cable that goes to the LCD screen.

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## INTRODUCTION

This guide details the steps necessary to replace the flex cable that connects the LCD screen to the motherboard on a Sony Handycam DCR-HC30. This can be a fairly complex replacement if the correct tools are not used.



### TOOLS:

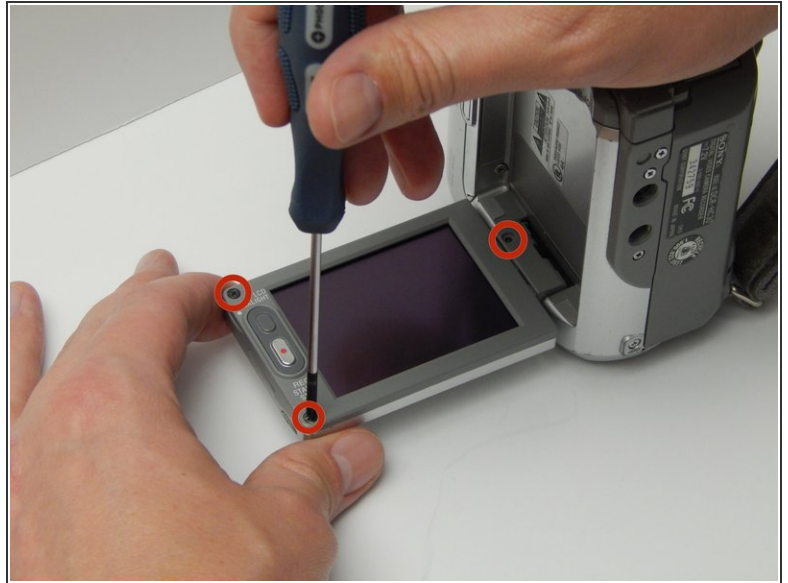
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)



### PARTS:

- [Sony Handycam DCR-HC30 Flex Cable](#) (1)

## Step 1 — Flex Cable



- i** To begin, the LCD screen must be removed.
- Bring the LCD screen to the fully open position.
  - Remove the three 5 MM Phillips #1 screws on the front of the LCD screen.

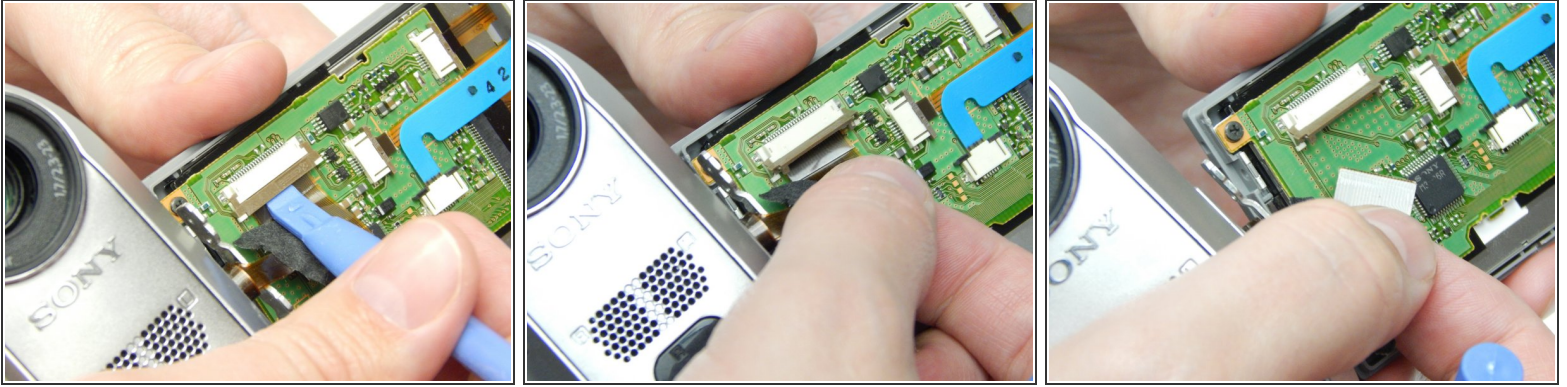
## Step 2




- Flip the camera with the lens facing up.
- Turn the LCD screen so you can see the 5 MM Phillips #1 screw on the inside; remove the screw.
- Spin the LCD screen around to get the 5 MM Phillips #1 screw in the same place on the other side.
- Use the plastic opening tool to gently separate the back of the screen from the unit.



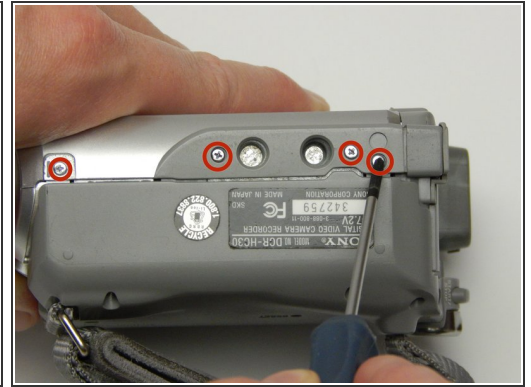
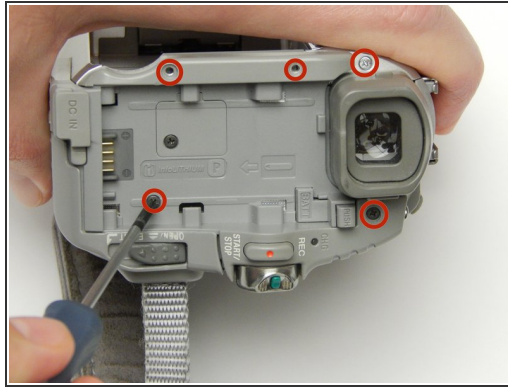
## Step 3




 The parts are very small and fragile and can break easily.

- With the back off, spin the LCD screen back around.
  - Using the plastic opening tool, gently lift up the holder that keeps the ribbon in place.
  - Gently slip the ribbon from its housing.
-  When this step is completed the camera will separate from the LCD screen. From here on you will only be working with the camera itself.

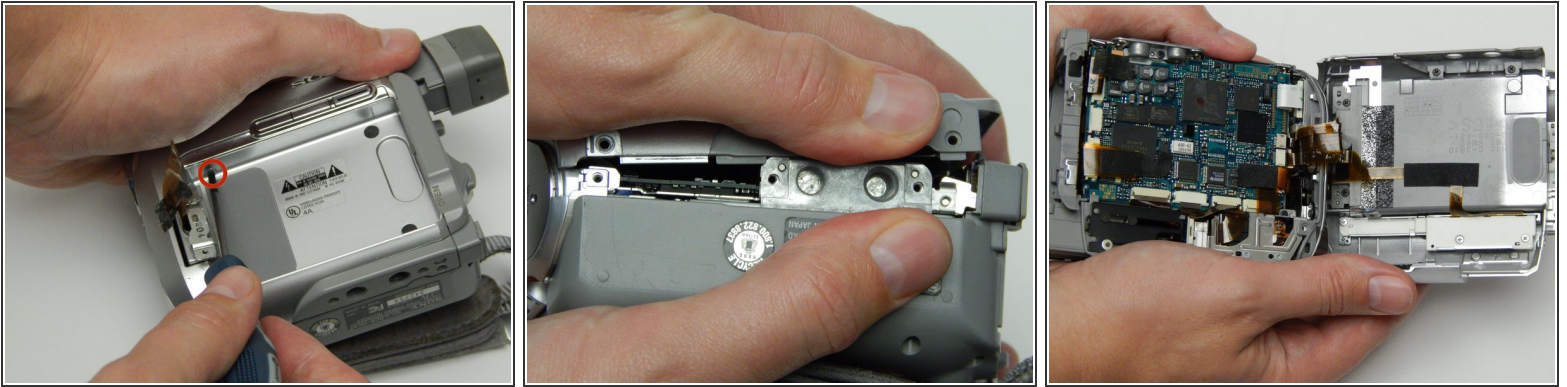
## Step 4



 With the LCD screen off the unit it is time to work on the rest of the screws.

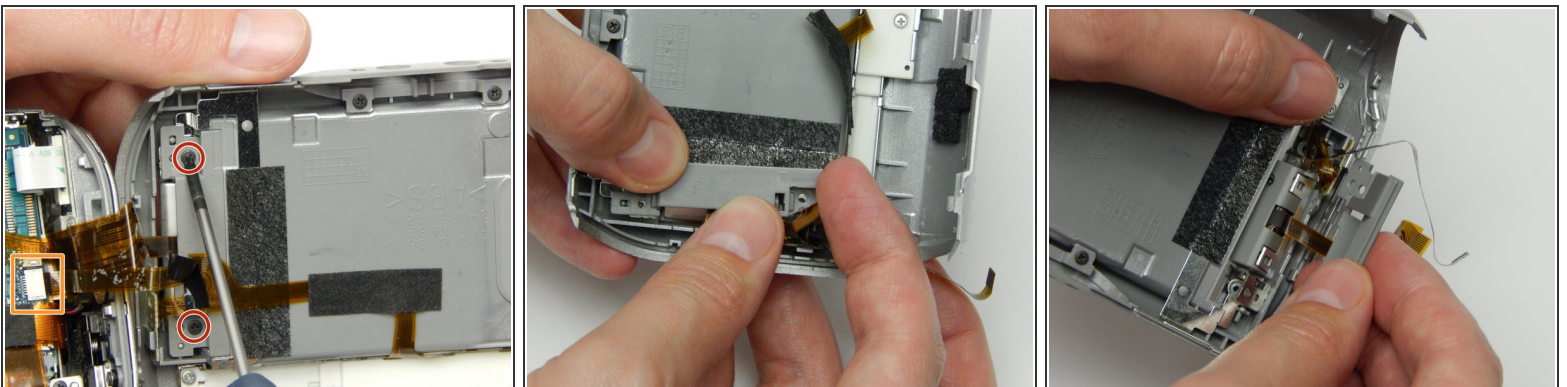
- Face the camera with the viewfinder towards you.
- Remove the five 5 MM Phillips #1 screws circled here.
- Flip the camera where the bottom faces toward you.
- Remove these four circled 5 MM Phillips #1 screws.

## Step 5



- Remove the last 5 MM Phillips #1 screw that is somewhat hidden in the resting place of the LCD screen.
- ⚠ For the next step make sure to be careful so as to not break any of the clips that hold the camera's two halves together.
- With the bottom of the camera facing you grasp each half of the camera and gently pull the halves apart.
- ⓘ There will be some slight popping sounds as the clips release.

## Step 6



- Remove the two 5 MM Phillips #1 screws found on the underside according to the picture.
- Gently slip the flex cable out of its housing (indicated at the orange circle).
- Lift the plastic covering on the hinge where the LCD screen had previously been.

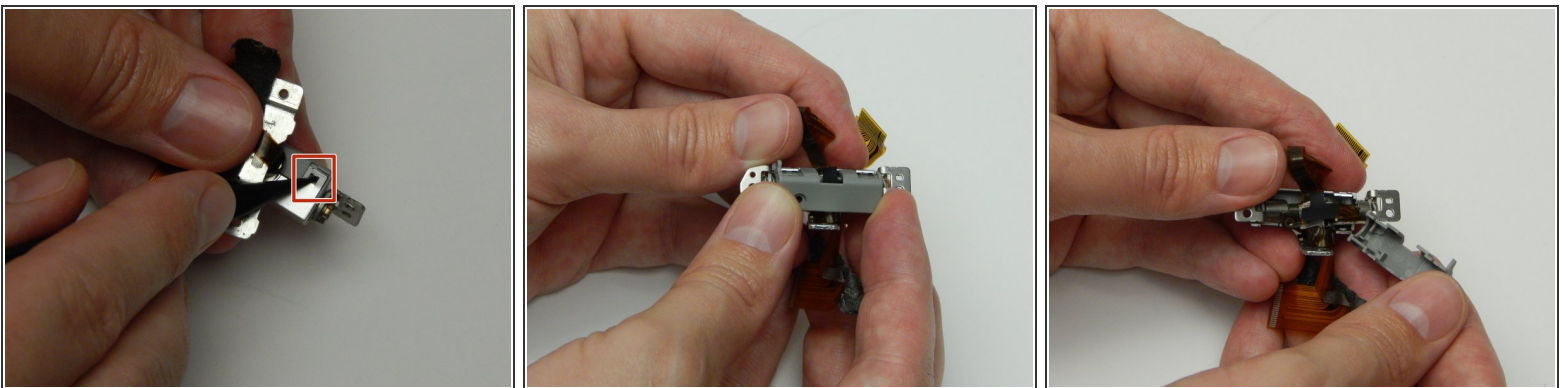


## Step 7



- Flip the camera upside down and face the LCD screen side toward you.
- Remove the flex cable assembly and thread the cable through the opening.

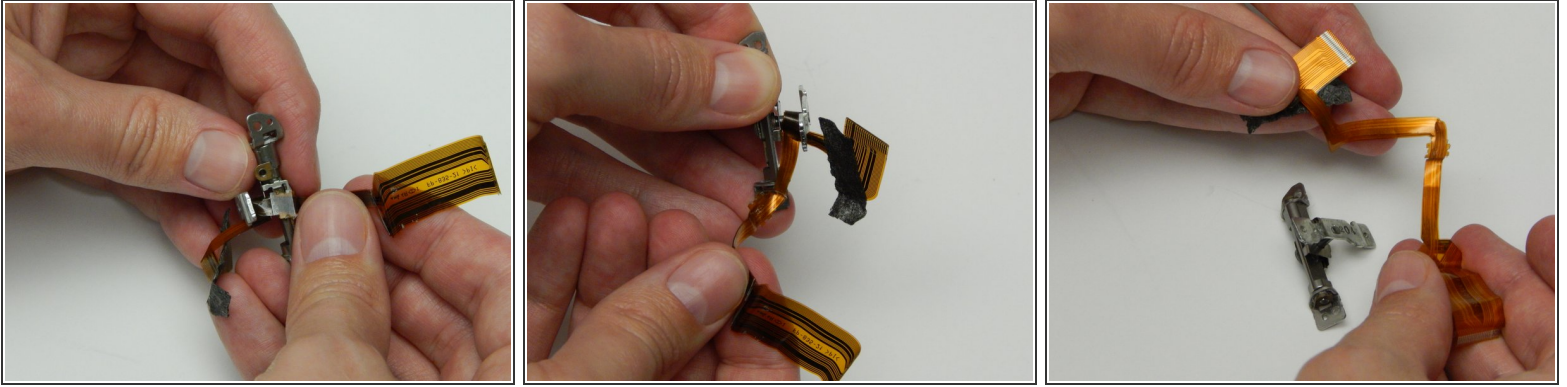
## Step 8



- Using the spudger, depress the clips within the holes as shown. Make sure to flip the assembly over and do the other side as well.
- While grasping the metal section of the assembly, remove the plastic covering that was attached with the clips.



## Step 9



- While grasping the metal assembly, gently unravel the flex cable.
- ⓘ The flex cable is tightly wound around a metal rod in the center of the assembly.
- Remove the flex cable from the assembly.

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