



# Sony Handycam DCR-DVD103 Laser Disc Replacement

This guide will tell how to access and replace the laser bay in the Sony Handycam DCR-DVD103.

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## INTRODUCTION

Occasionally, the laser eye will break or no longer move along the track. In this handycam, the laser eye is not replaceable by itself, but the laser bay may be swapped.

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### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Battery



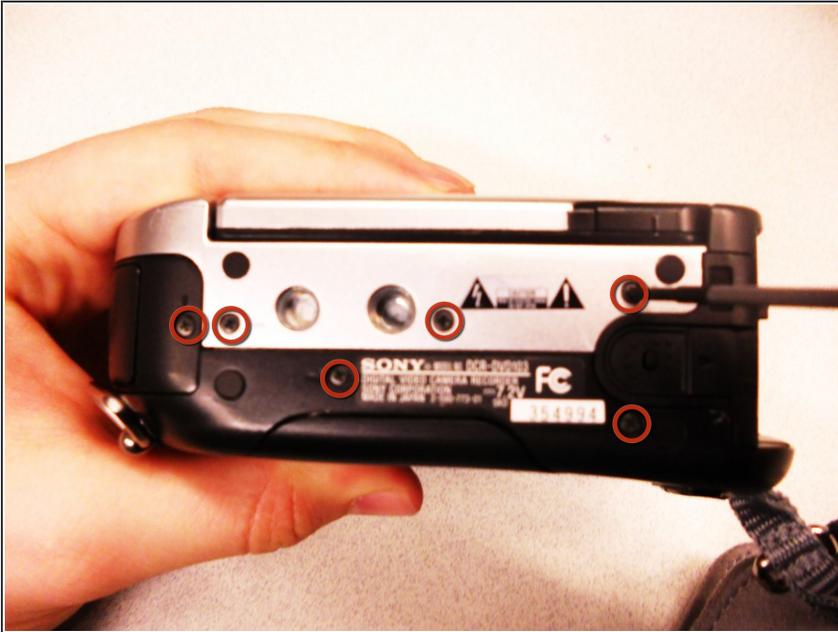
-  Images do not show the camera's battery.
- On the back of the camera beneath the viewfinder, locate the battery pack.
- Press the small button.
- Slide the switch forward.

## Step 2



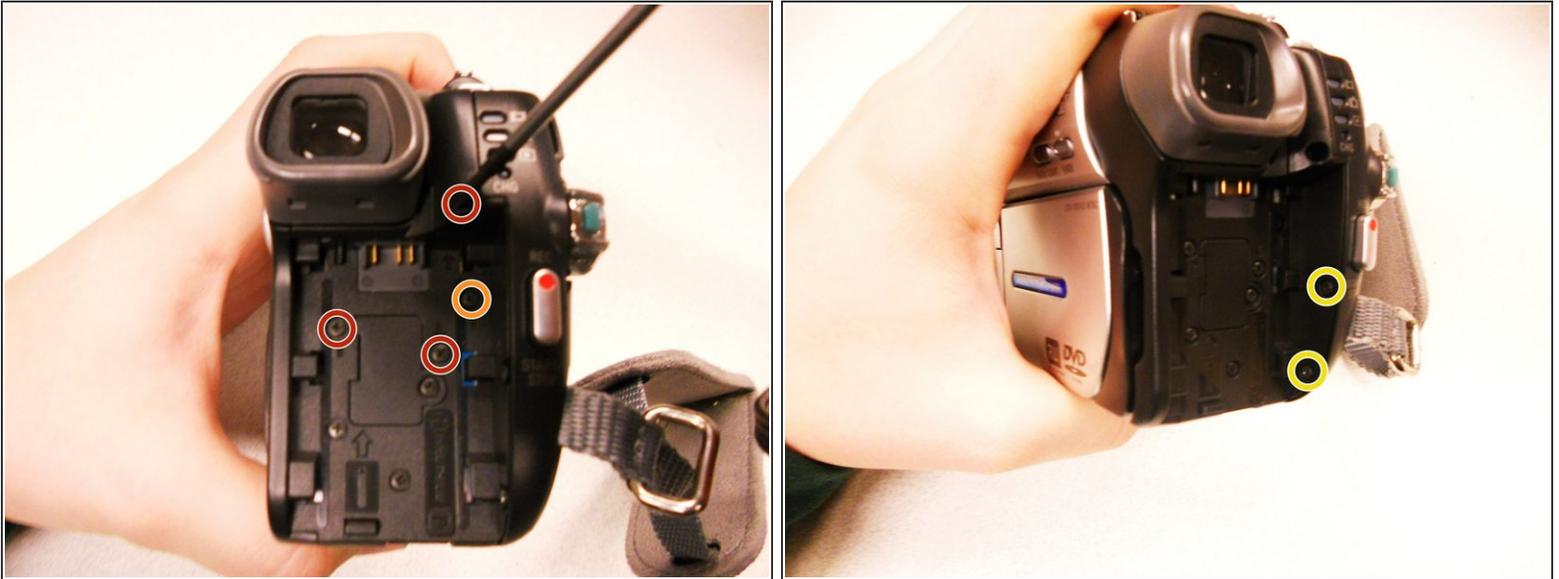
- Remove the battery from the camera.
-  To reinsert the battery, slide the battery into the camera.

### Step 3 — Outer Cover



- Using a #00 Phillips screwdriver, remove the six 4.5 mm screws from the camera's bottom.

## Step 4



- Remove the three 4.5 mm screws beneath the battery.
- Remove the 2.9 mm screw from the right corner.
- Remove the two 4.5 mm screws from the battery's right wall.

 Images do not show the battery.

## Step 5



- Remove the 4.5 mm screw under the output flap on the front of the camera below the lens.

## Step 6



- Remove the two 4.5 mm screws at the top of the camera.
- Remove the 4.5 mm screw from the disk side of the camera (next to the lens).

## Step 7



- Extend the gray viewfinder, then gently remove the black plastic casing.

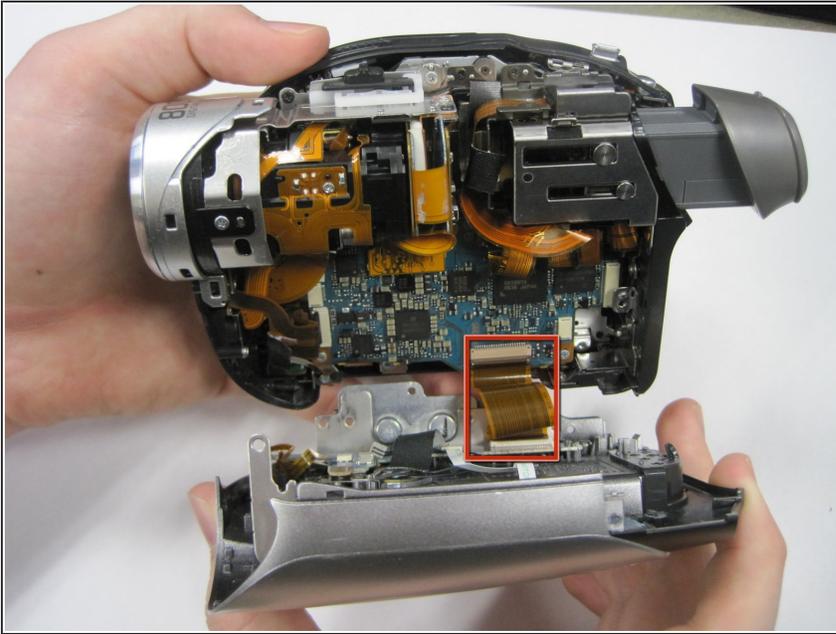
⚠ Caution: Plastic pieces are fragile.

## Step 8



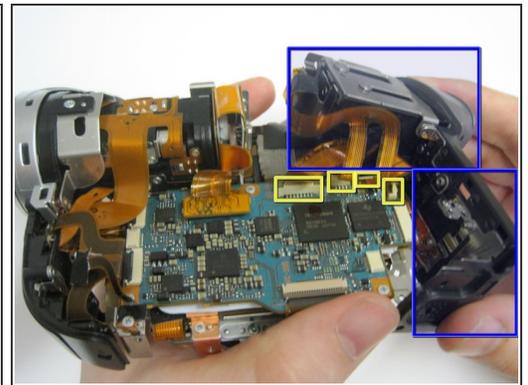
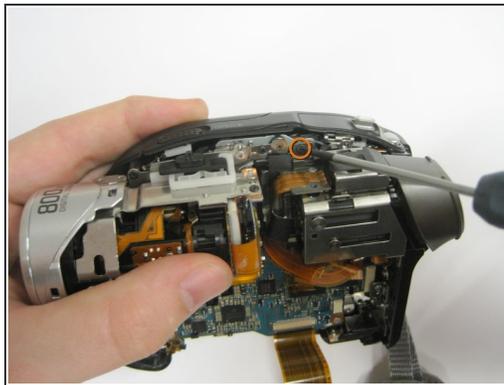
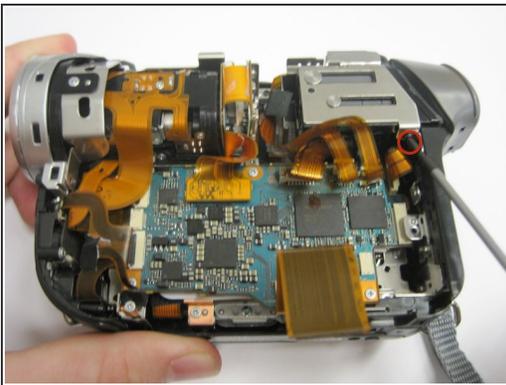
- Remove the two 2.9 mm screws under the black plastic casing.

## Step 9



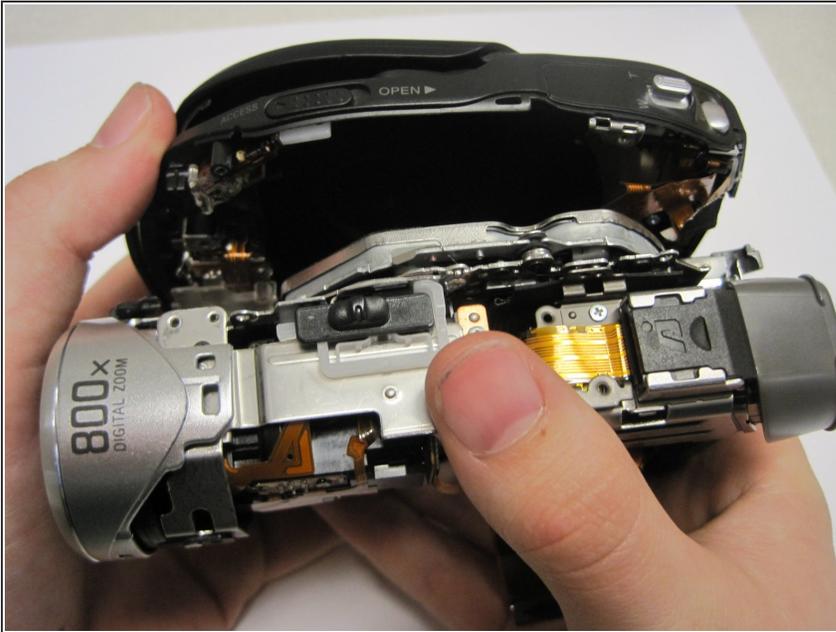
- Gently pull apart the outer silver case and screen.
- Remove the copper wire strip to detach the case from the camera.

## Step 10 — Laser Disc



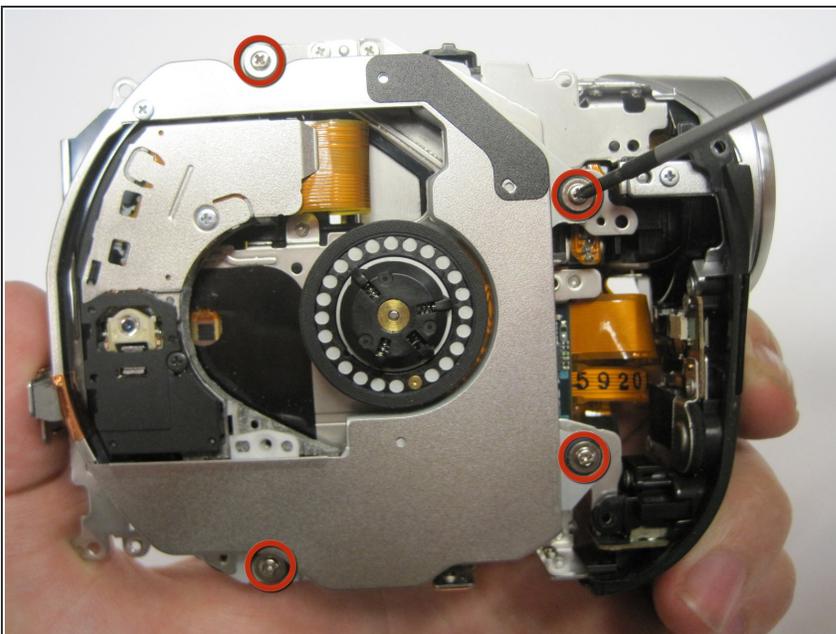
- Remove (1) 2.9mm screw from under the eye piece.
- Remove (1) 2.9mm screw from above the eye piece.
- Remove (4) copper strips from bellow the eye piece.
- Pull off the eye piece assembly.

## Step 11



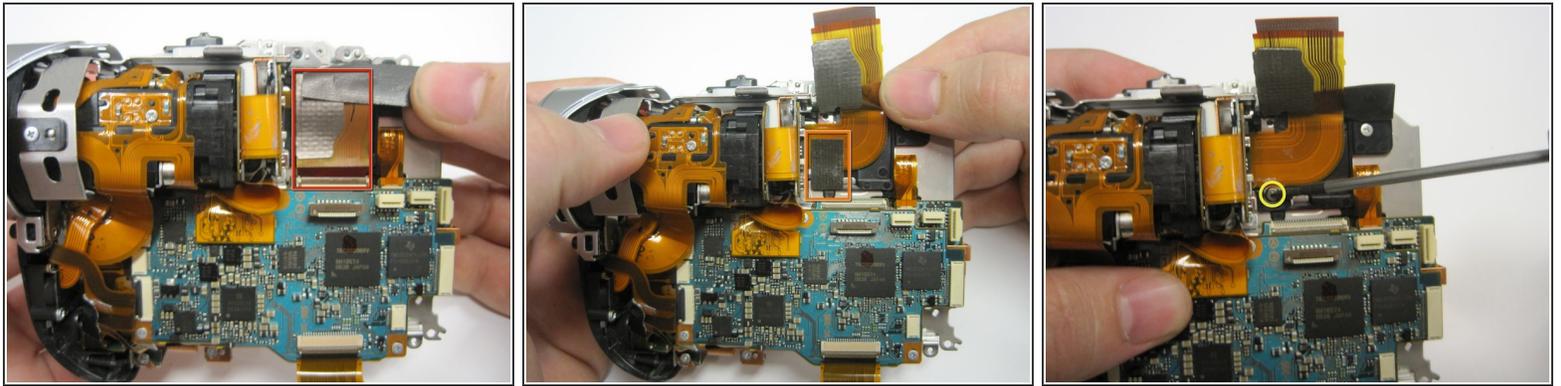
- Pull off back cover. Caution: Be careful not to tear any copper strips in the process.
- Remove (4) copper strips in order to pull off eye piece.

## Step 12



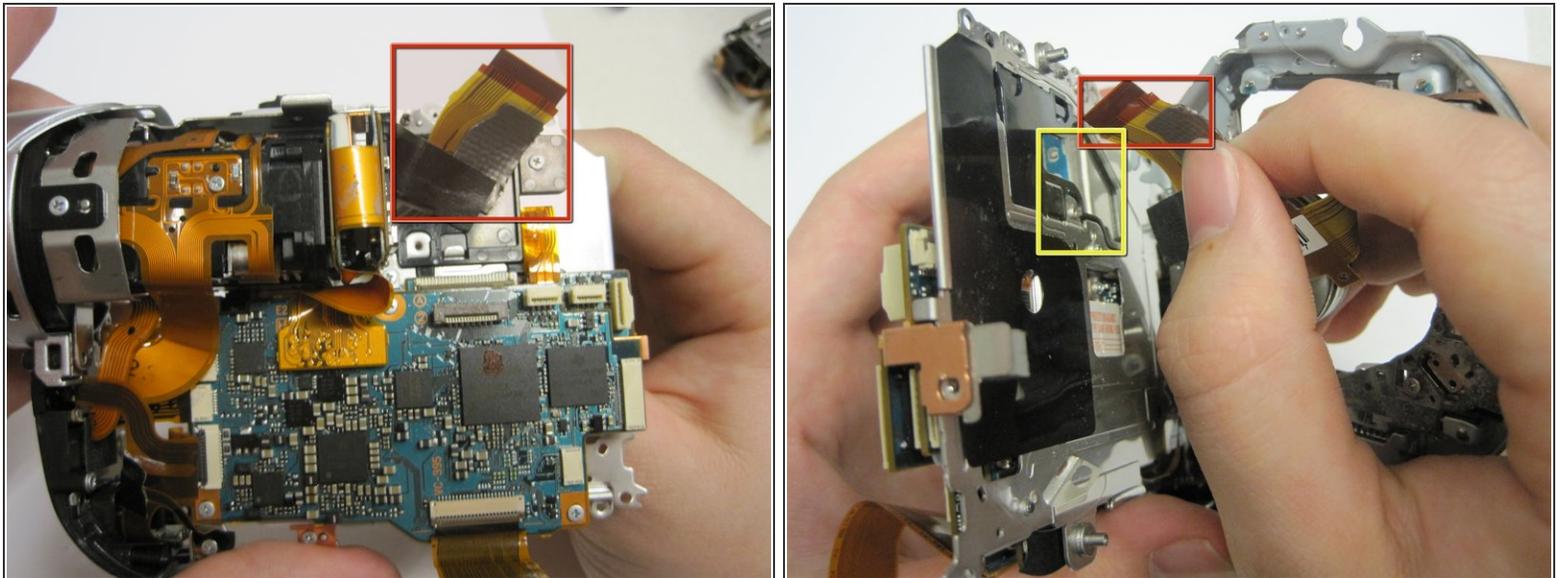
- Remove (4) 3.6mm wide head screws on the laser reader.
- ⓘ Note: There are rubber rings around screws that easily fall off.

## Step 13



- Unplug copper strip and lift up.
- Pull off tape over 2.3mm screw.
- Remove (1) 2.3mm screw from under the tape.

## Step 14



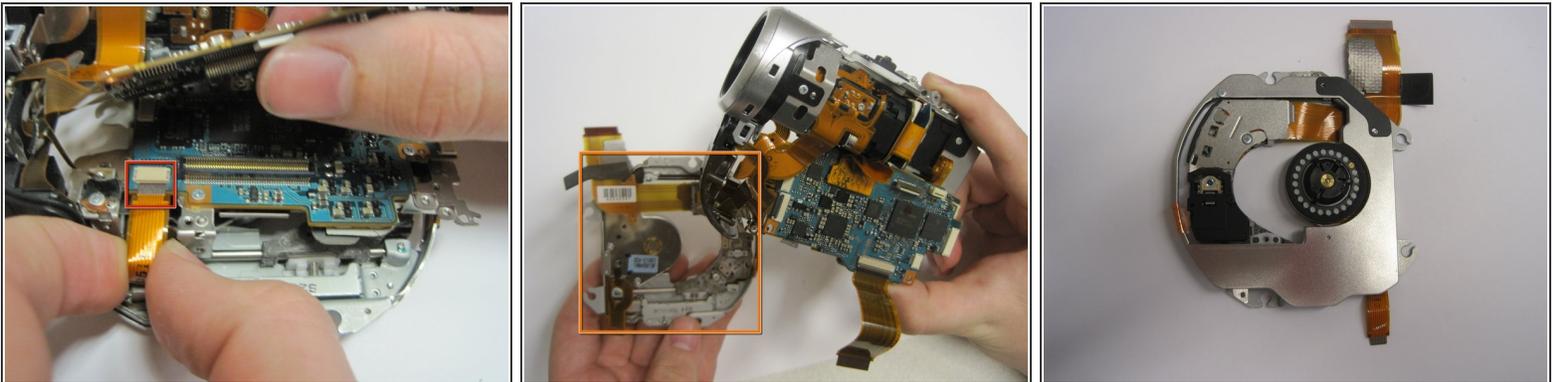
- Pull the copper strip, marked by the red rectangle, through the hole behind it, marked with the yellow rectangle.

## Step 15



- Remove (3) 2.9mm screws from top circuit board.
- ⓘ Note: Circuit board will resist trying to be pulled off so pull it off with care but still firmly.
- Lift up circuit board and remove (1) 2.9mm screw underneath.
- Pull out copper plate with rubber insulator on it.

## Step 16



- Remove tape over copper strip in the bottom left corner and pull out copper strip.
- Remove laser reader assembly.

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