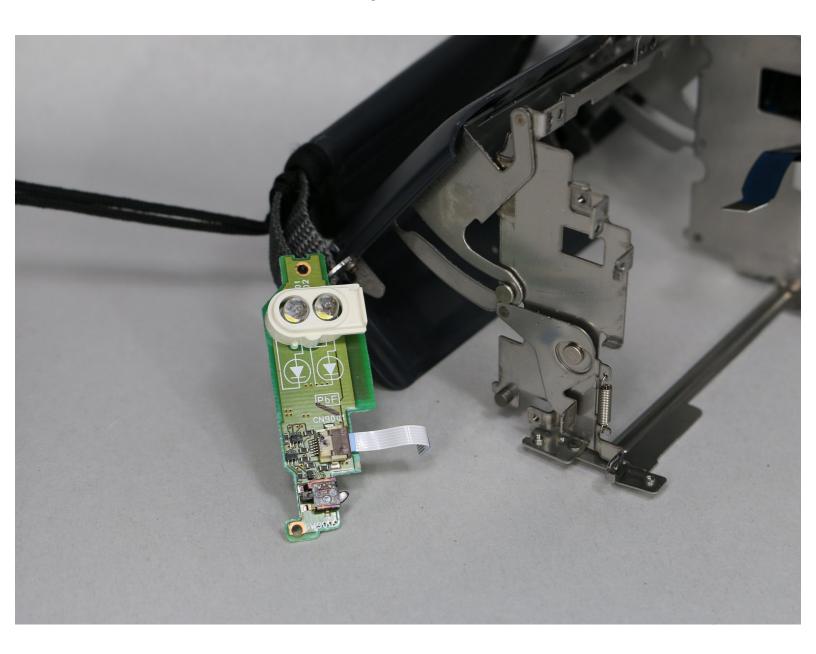


JVC GR-D72U LED Light Replacement

Replacement guide for the LED light which is used to enable better photography in low light conditions.

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INTRODUCTION

These LED lights can burn out from use. If dropped sometimes the housing is not enough to protect the bulbs. To remove it you will need a Phillips #000 screwdriver, small plastic opener, and small metal spudger.

This guide requires removing a lot of screws so it is important to keep track of which screw goes where. All screw heads are Phillips size #000.



TOOLS:

- Metal Spudger (1)
- iFixit Opening Tools (1)
- Phillips #000 Screwdriver (1)

Step 1 — Battery





- Locate button on bottom of camera.
- Slide button to the right.

Step 2



 Pull the battery towards the bottom of the camcorder while lifting battery

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Step 3 — Lateral Function Port Panel







- Remove silver plate that says "Auto Light" on the top of the camera using a metal spudger.
- Remove the 3.1 mm screw.
- Remove the three 5.3 mm screws from the back of the camera.



- From the bottom of the camera remove the following four screws:
 - 5.3 mm
 - 3.1 mm
 - 5.1 mm
 - 3.5 mm



 Use the small plastic opening tool to remove the blue side cover piece.



- Remove the 3.1 mm screw on top of the camera, closest to the LCD monitor.
- Remove the 5.4 mm screw next to the snapshot button.

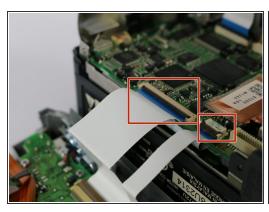


 Remove the 3.1 mm screw next to the USB and DV inputs.

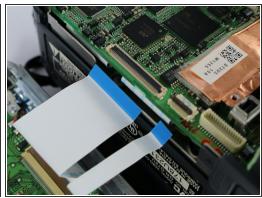
Step 8



 Gently pull apart both halves of the camera to reveal the inner components.

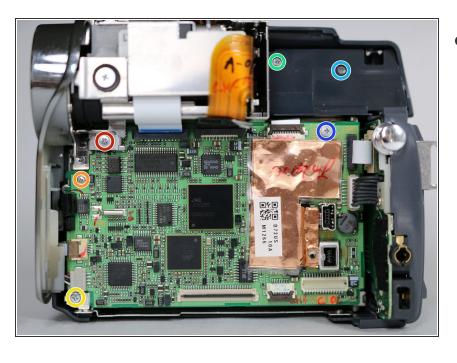




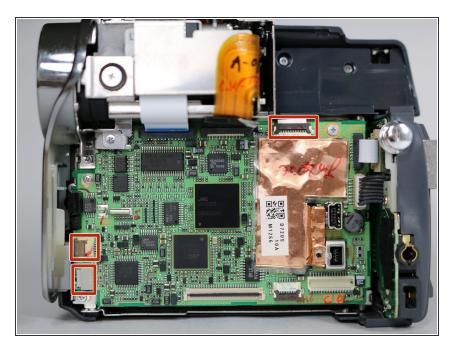


- Flip the cable locks to the up-position and pull both cables connecting the lateral function port panel to the rest of the camera.
- Insert the cables from the new port panel into their inputs and flip the locks to the down position.
- (i) It is easier to use tweezers when inserting the cable but not required.

Step 10 — Cassette Holder



- From the inside of the camera remove these six screws.
 - 3.3 mm
 - 3.6 mm
 - 3.1 mm
 - 4.3 mm
 - 4.3 mm
 - 3.7 mm



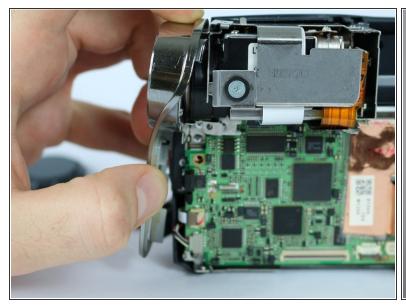
 Unplug the three cables from the circuit board.

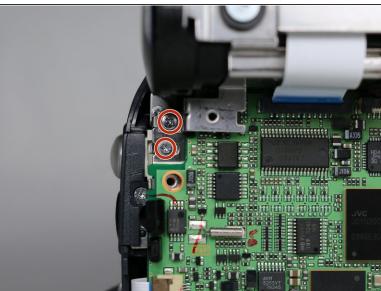






- From the top of the camera remove the two 3.1 mm screws securing the lens to the camera frame.
- From the bottom of the camera remove the 3.2 mm screw next to the battery release switch.
- Remove the 9.1 mm screw next to the menu and volume control label.





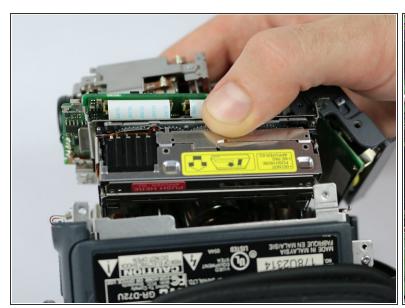
- Remove the lens cap housing.
- Remove the two 3.1 mm screws from the inside of the camera.







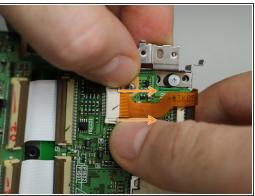
- Remove the plastic cover piece next to the silver light button.
- Remove the 3.1 mm screw securing the lens to the circuit board.
- Remove the two 3.3 mm screws from underneath the battery port.





- Take the cassette holder and circuit board by lifting it out of the camera frame.
- Remove the two 3.6 mm screws.
- Remove the two 1.8 mm screws then the plate.
- if you are following this guide to replace the LED light or microphone you do not need to follow this step or the next step.







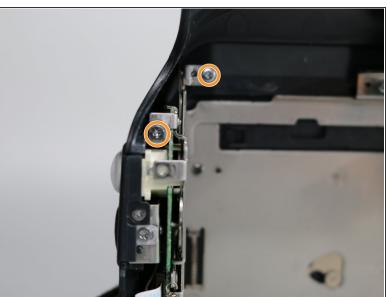
- Remove the six cables (one is underneath the metal plate) connecting the cassette holder to the circuit board.
- To unplug two of the cables you must first pull the lock tabs out (towards the cable) then remove the cable.

Step 17 — LED Light

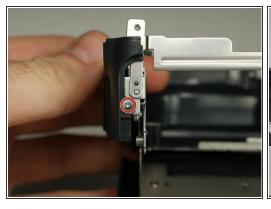


- Remove the three screws securing the microphone housing and camera operation buttons to the frame with the following sizes:
 - 4.3 mm
 - 3.1 mm
 - 4.2 mm





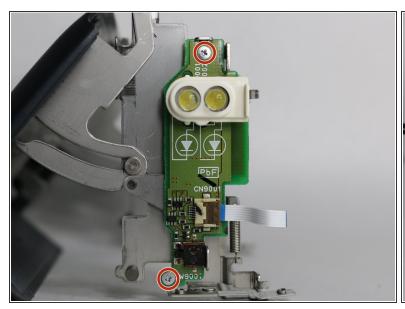
- Remove the 4.3 mm screw on the bottom of the camera frame.
- Remove the two 4.3 mm screws above the LED securing the microphone housing to the frame.

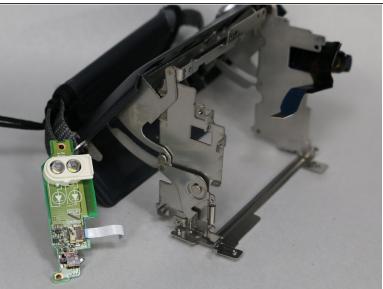






- Open the cassette holder to reveal a 2.4 mm screw on the bottom of the camera and remove it.
- Make sure the camera operation buttons are positioned completely outside of the camera frame.
- Gently lift the microphone housing from the front-bottom side of the camera and remove it from the frame.





- Remove the two 2.3 mm screws holding down the LED chip and remove the chip.
- (i) Ignore this step if you are following this guide for the microphone.

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