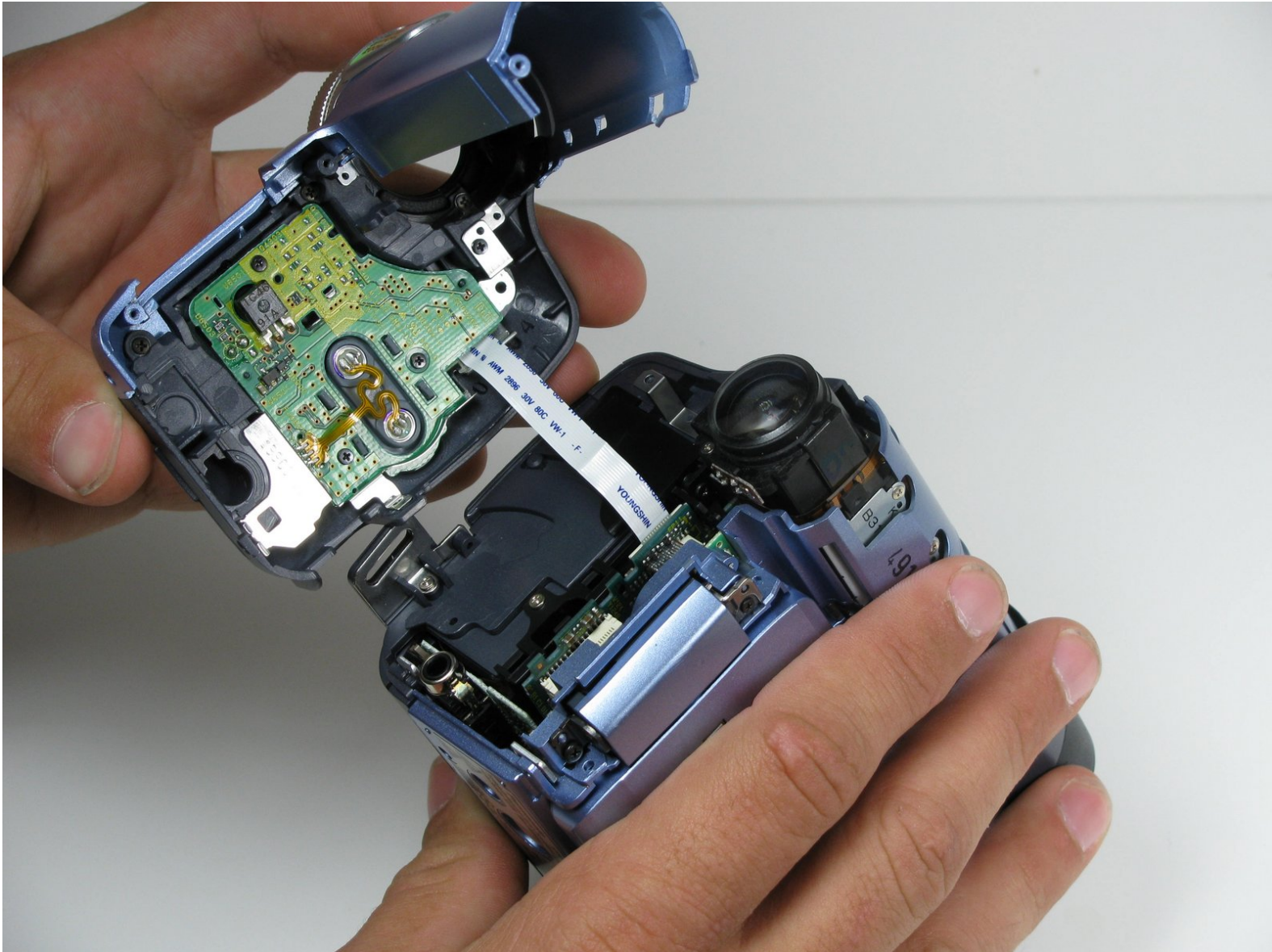




Panasonic PV-GS9 Microphone Replacement

Written By: Joey Bradshaw



INTRODUCTION

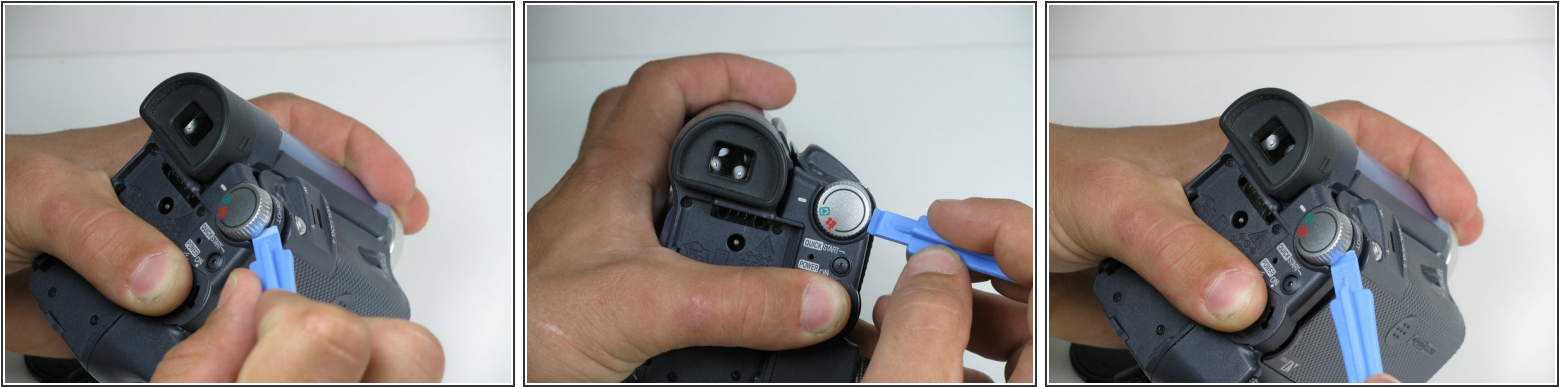
A guide to get to and replace the camcorder's microphone.



TOOLS:

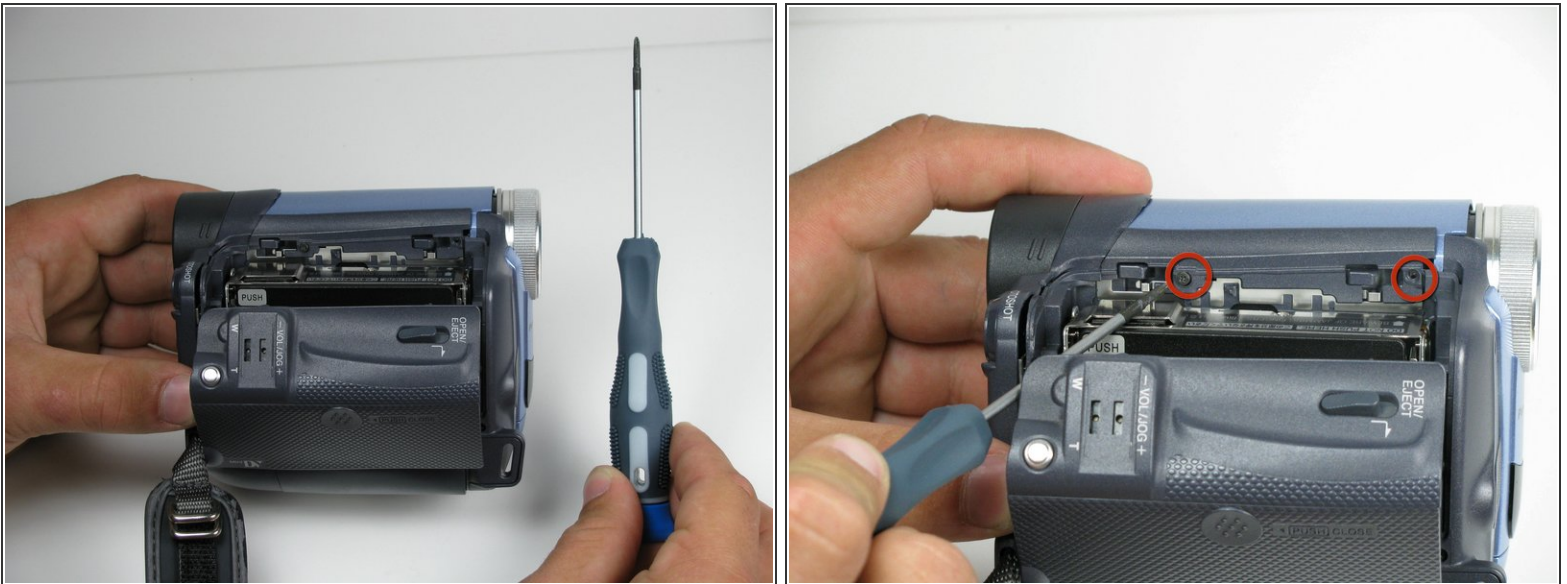
- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Outer Casing



- Using a plastic opening tool, remove the record/playback and record/power control knobs from the camcorder.

Step 2



- Open the tape compartment.
- Using a #00 Phillips head screwdriver, remove the two 4.5mm screws from the camcorder.

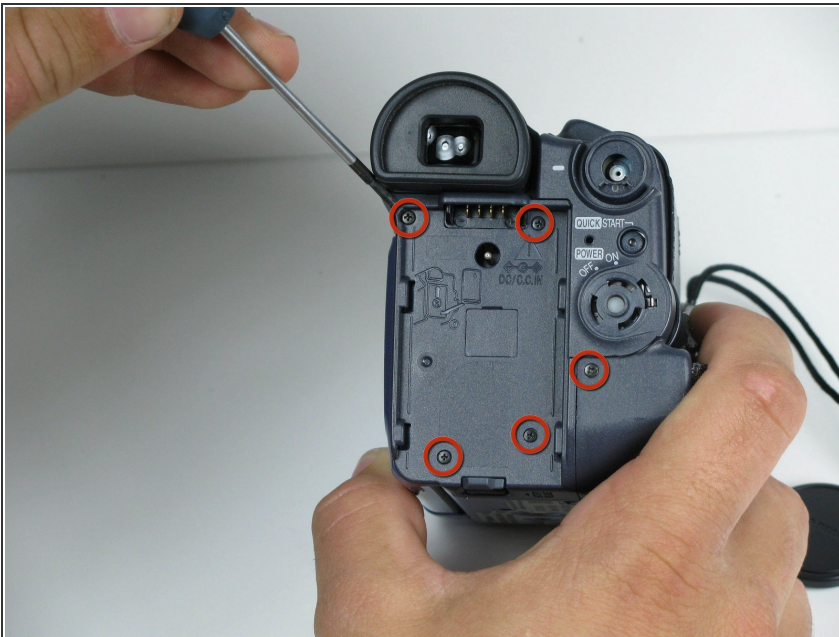
Step 3



- Use a plastic opening tool to remove the gray trim piece from top of the camcorder.

⚠ Take care when removing the trim piece. The plastic parts are fragile and can break easily.

Step 4



- Rotate the camcorder so that the eye piece is facing you.
- Remove the battery.
- Remove the four black 4.5mm screws, sitting behind the battery.
- Remove the 5th screw to the right of the battery dock.

⚠ Be careful not to lose any screws whilst trying to remove them.

Step 5



- Rotate the camcorder so that the tape compartment is facing you.
- Remove the single 4.5mm black screw above the hook for the hand strap.
 - Undoing the strap on one end may help.
- Rotate the camcorder so that the lens is facing you.
- Remove the single 4.5mm black screw from the front panel.

Step 6



- Rotate the camcorder so that the bottom is facing towards you.
- Remove the single remaining 4.5mm black screw from the bottom.
- Remove the four silver 4.5mm screws from the body.

Step 7



- Open the LCD screen on the side of the camcorder.
- Using a #00 screwdriver, remove the two 4.5mm silver screws located on either side of the hinge of the LCD screen.

Step 8



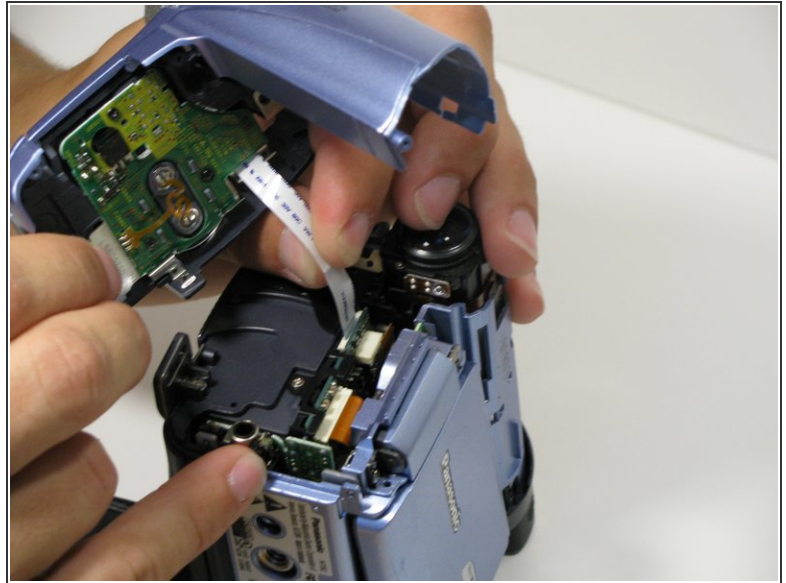
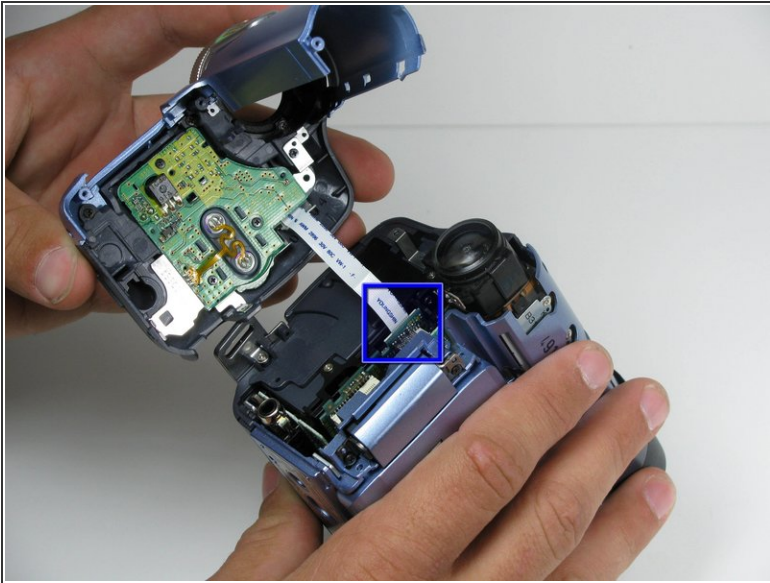
Very carefully remove the front cover from the main body of the camcorder.

- This should come apart with relative ease, however a plastic opening tool may help remove the panel.



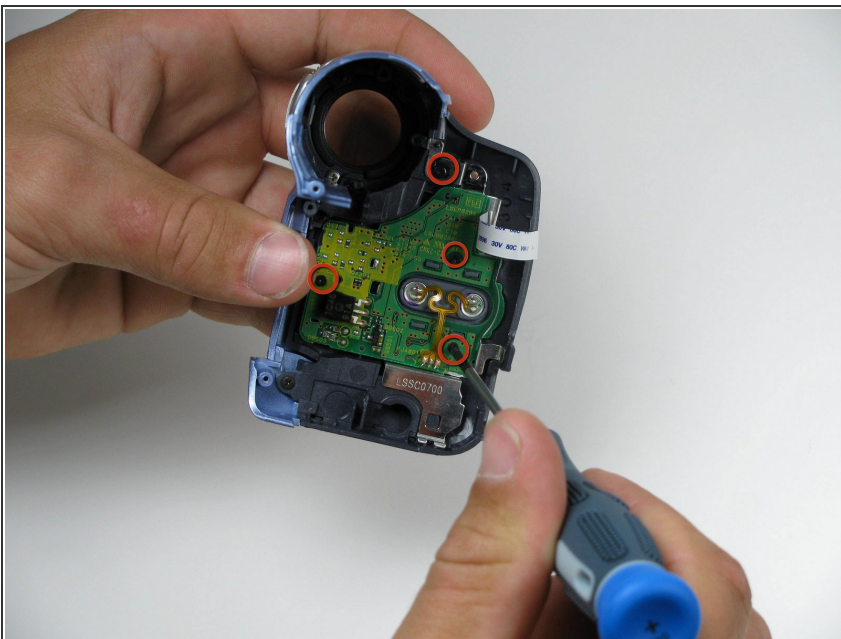
There is a ribbon cable attached to the front panel and the camcorder body, so be careful not to pull that off when you remove this panel.

Step 9



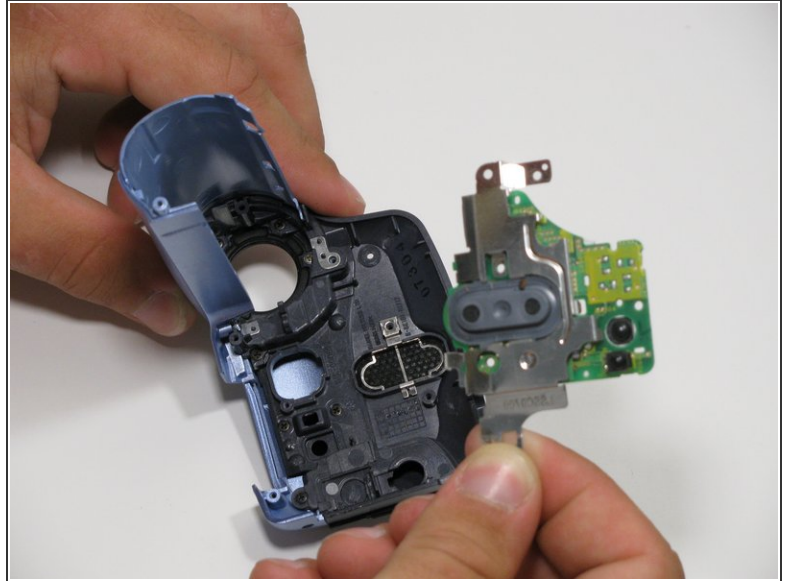
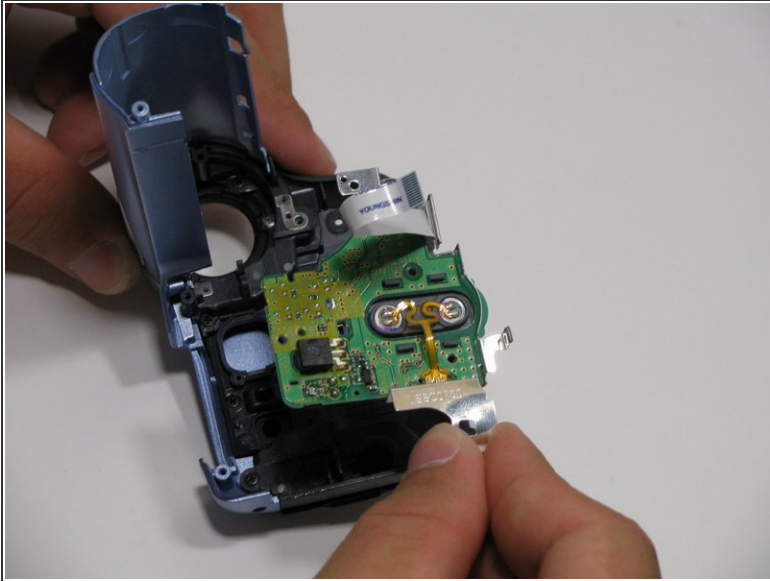
- Using your fingers, carefully pull the ribbon cable away from the logic board.

Step 10 — Microphone



- Using a #00 phillips screwdriver, remove the four 4mm screws holding the circuit board in place.

Step 11



- Remove the circuit board containing the ribbon cable, microphone, and infrared sensor.

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