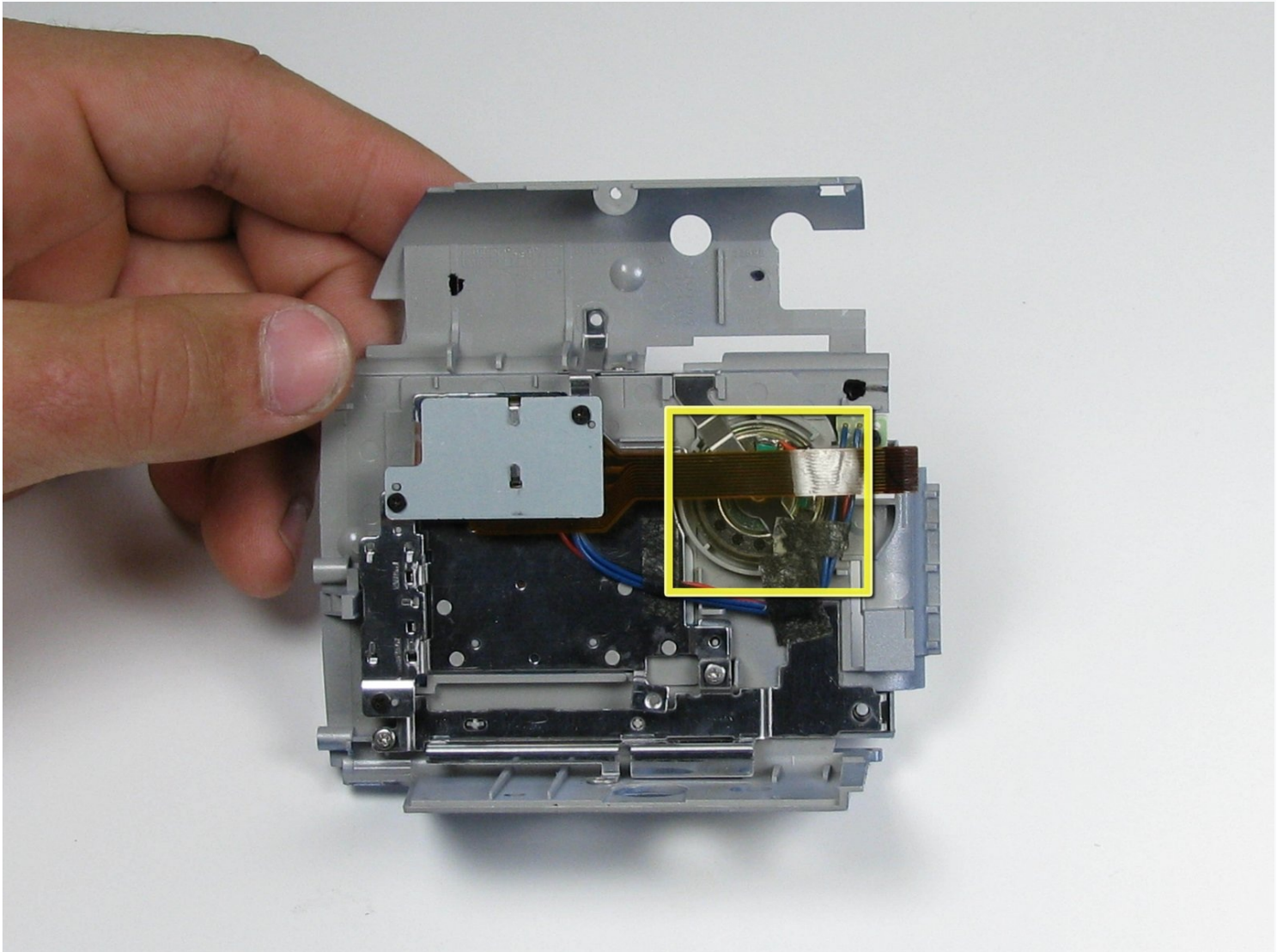




Panasonic PV-GS9 Speaker Replacement

A guide to find and replace the camcorder's...

Written By: Joey Bradshaw



INTRODUCTION

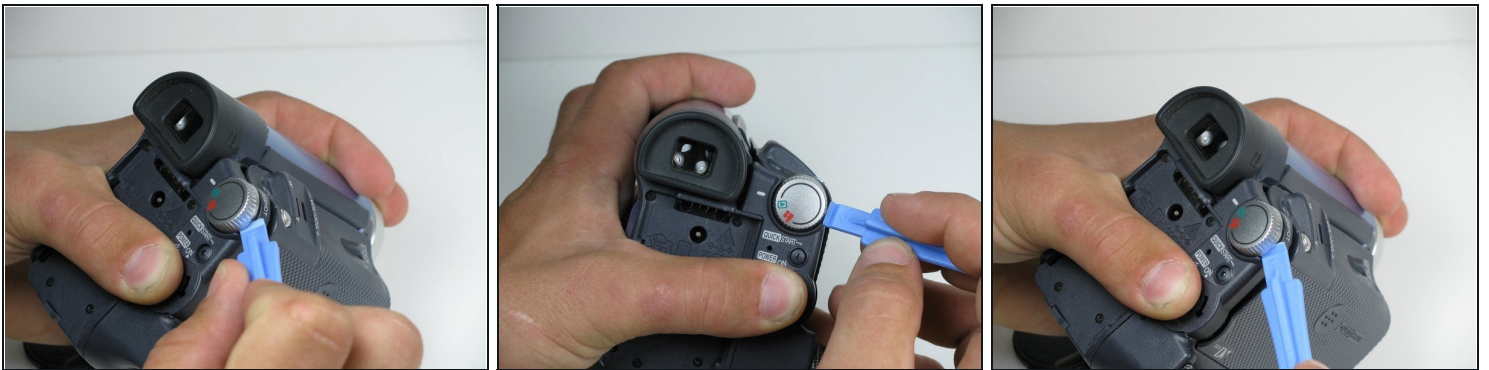
A guide to find and replace the camcorder's speaker.

TOOLS:

[Phillips #00 Screwdriver](#) (1)

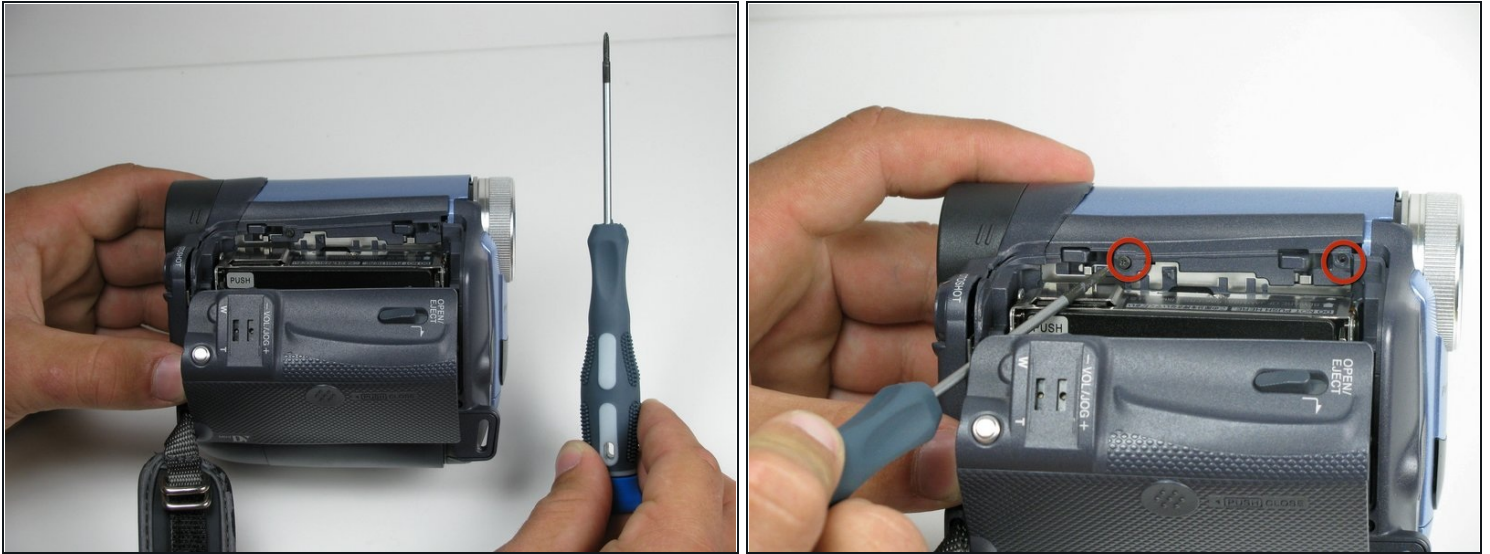
[iFixit Opening Tool](#) (1)

Step 1 — Microphone Replacement



- Locate the blue plastic tool opener, then remove both the round record/playback and record/power control knobs by prying it open from the camcorder.

Step 2



- Open the tape compartment.
- Then flip the camcorder and locate two 4.5mm screws that are horizontal from each other and about 2 inches apart using a #00 Phillips screwdriver.

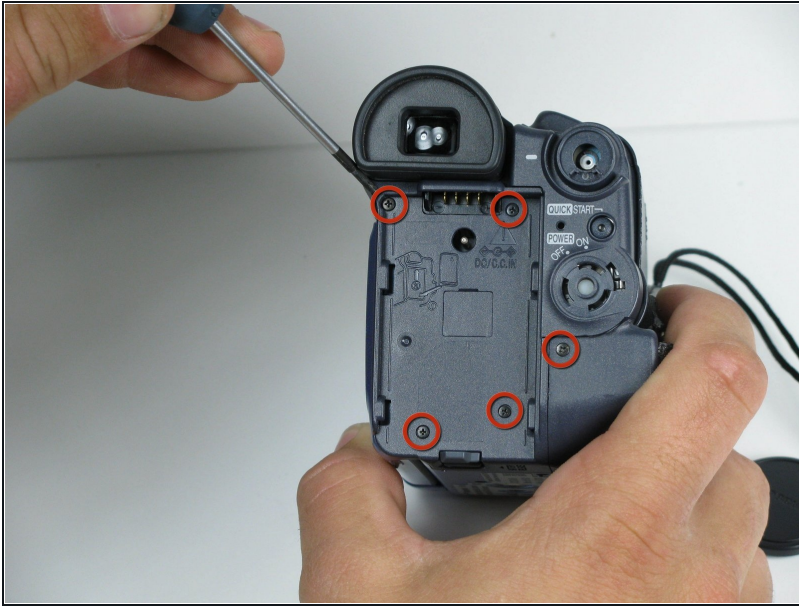
Step 3



- Use the blue plastic opening tool to remove the gray trim piece by prying it from top of the camcorder.

⚠ Be gentle 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 four black 4.5mm screws, sitting behind the battery.
 - Remove the 5th screw to the right of the battery dock.
 - Remove the battery by gently pulling away from the camcorder.
- ⓘ Be careful and place screws together so you don't lose any.

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.
 - ① 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.

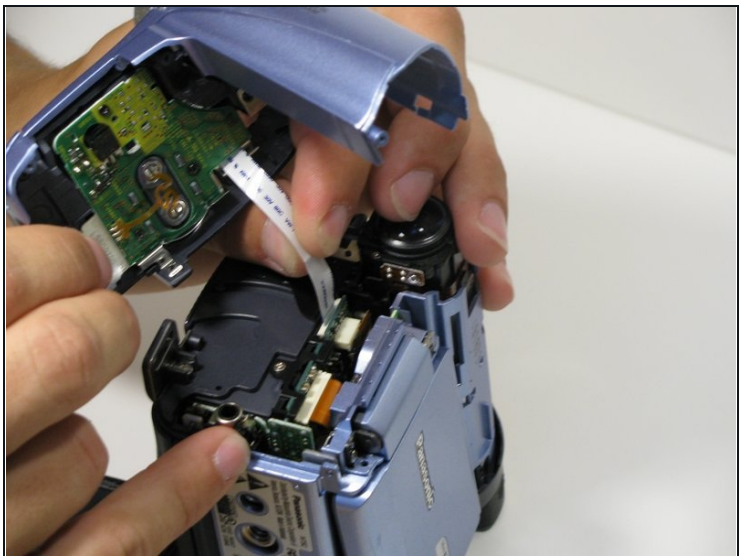
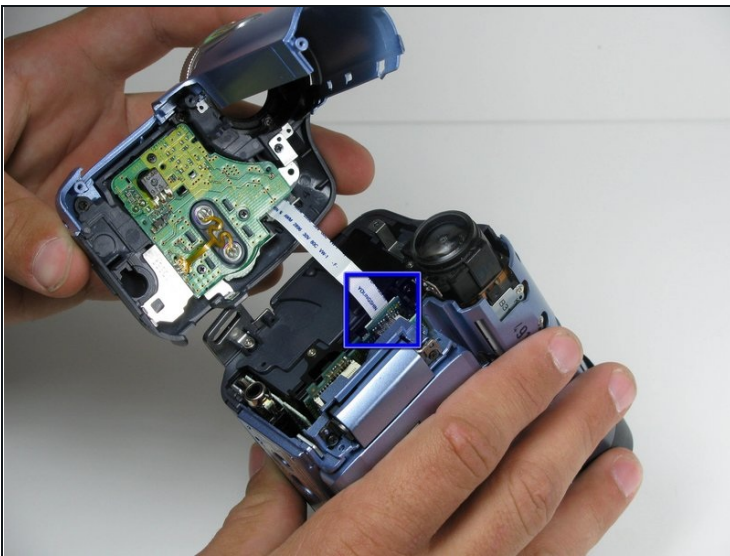
Step 8



- ⓘ Carefully remove the front cover from the body of the camcorder.
- This should come apart with relative ease, however a plastic opening tool may help remove the panel.

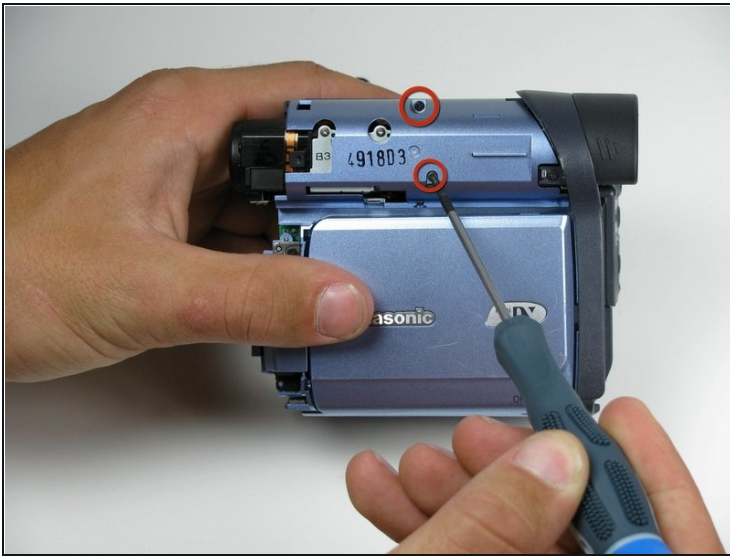
⚠ There is a ribbon cable attached to the front panel and the camcorder body, DO NOT pull that off when you remove this panel.

Step 9



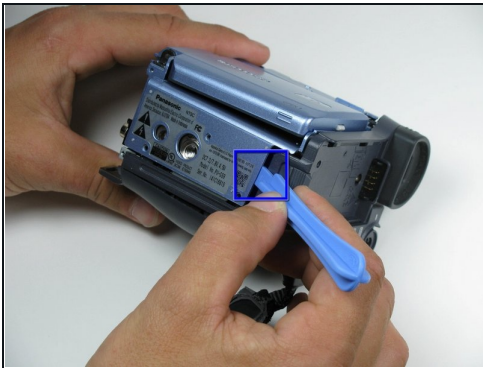
- Using your fingers, carefully pull the ribbon cable away from the logic board.

Step 10 — LCD Panel Removal



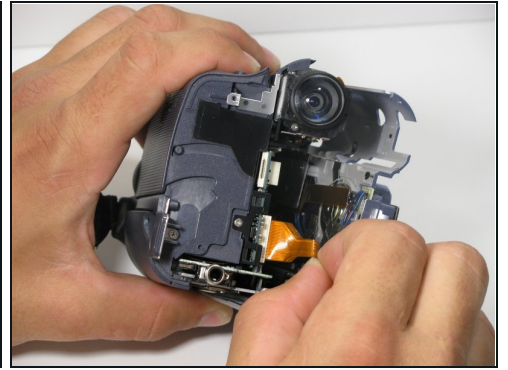
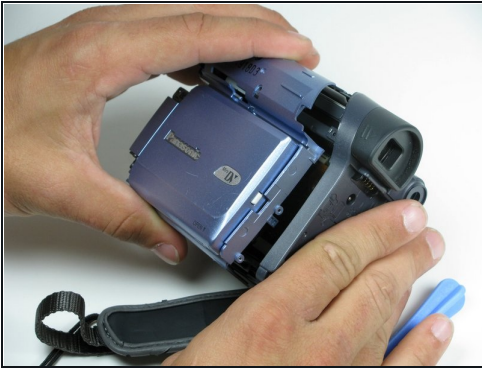
- Remove the indicated 4.5mm screws from the LCD side of the camera.

Step 11



- Place a plastic opening tool under the bottom of the blue panel beneath the camcorder.
 - Using two tools may be useful, if difficult.
- Move the plastic opening tool up the side of the camcorder as shown. Carefully separate the LCD panel from the rest of the camcorder.
- Remove the panel from the camcorder.

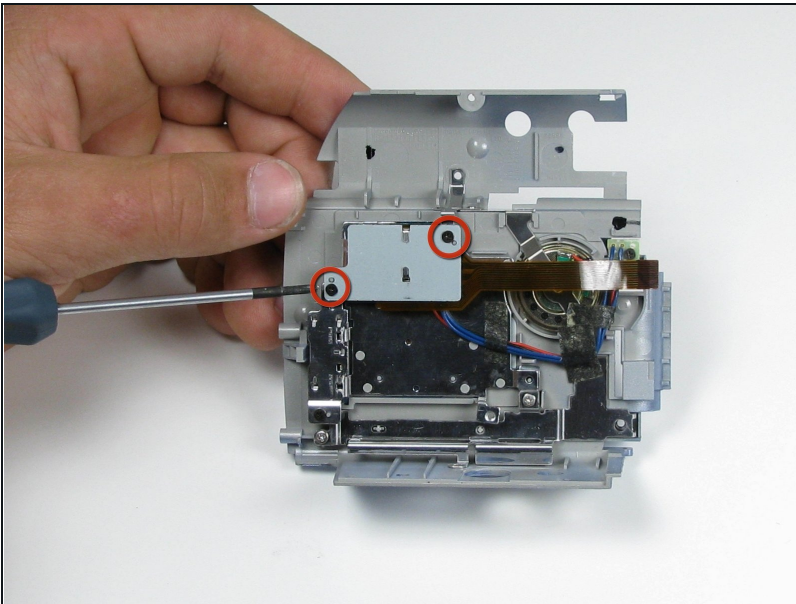
Step 12



⚠ Before removing the LCD panel from the camcorder, disconnect the ribbon cables joining the LCD panel to the logic board.

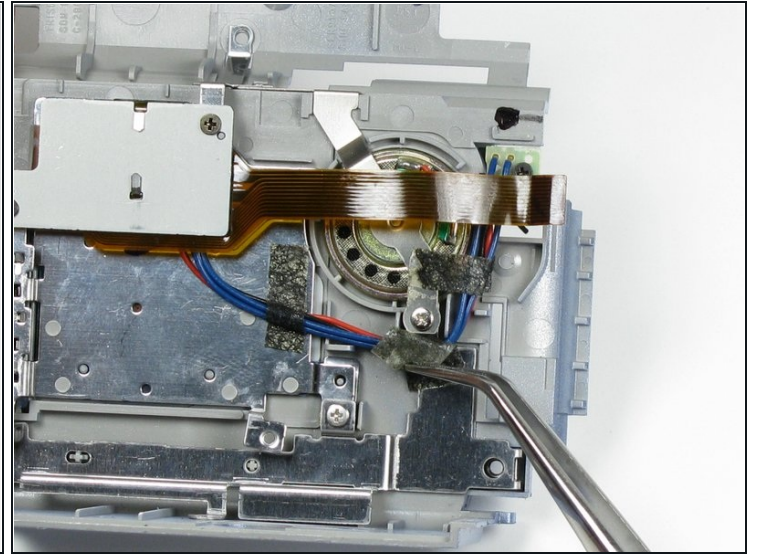
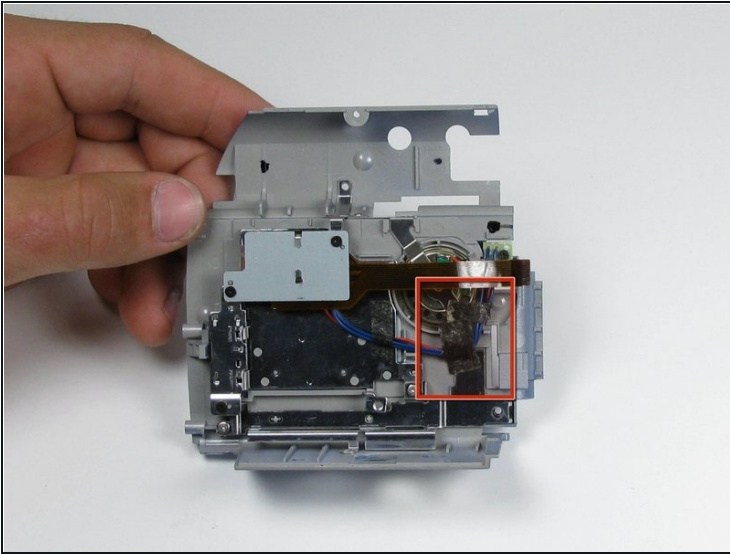
- There may be multiple ribbon cables attached to the same point on the logic board.

Step 13 — Speaker



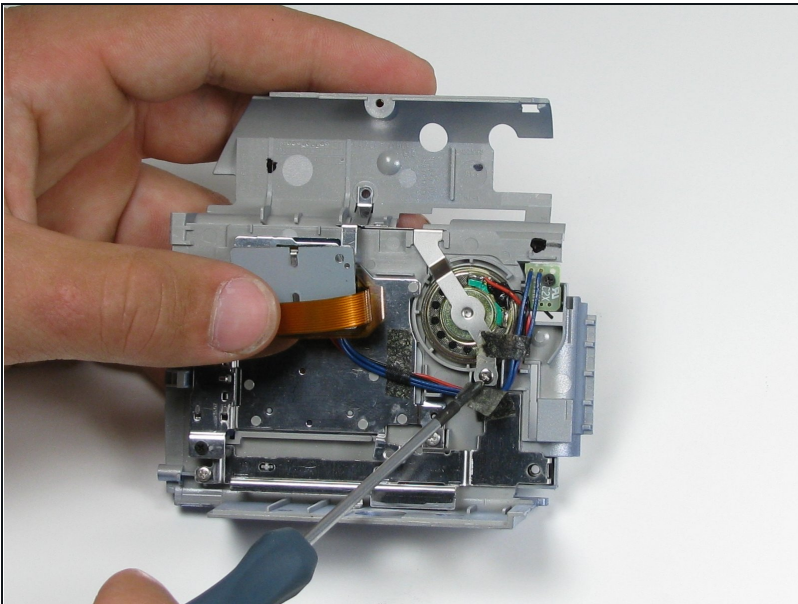
- On the LCD housing plate, remove the two 4.5mm phillips screws on the ribbon cable plate using a #00 philips screwdriver.

Step 14



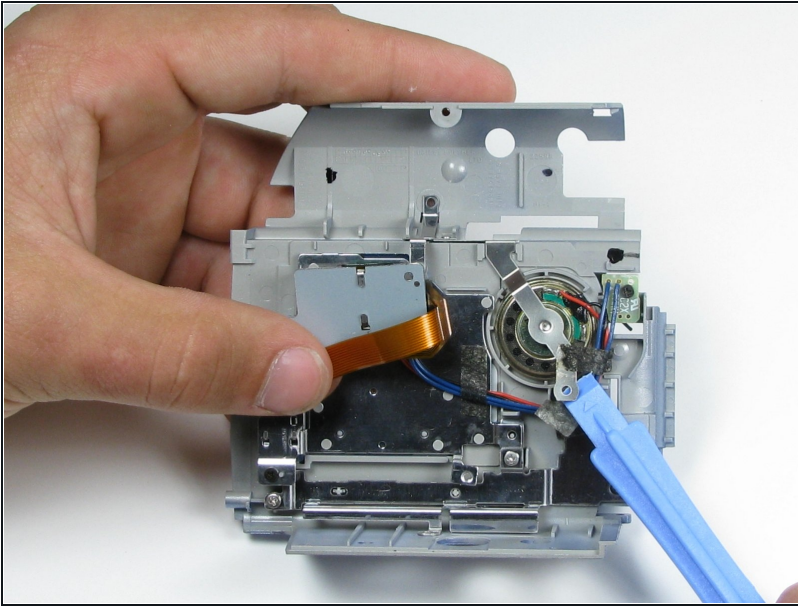
- Using tweezers, remove the black tape that is holding the speaker in place.

Step 15



- Using #00 philips screwdriver, remove the 4.5mm silver screw on the speaker bracket.

Step 16



- The speaker is soldered to both ends of the board. Check the connections to see if they are still good. Desolder wires from speaker to replace, if necessary.

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