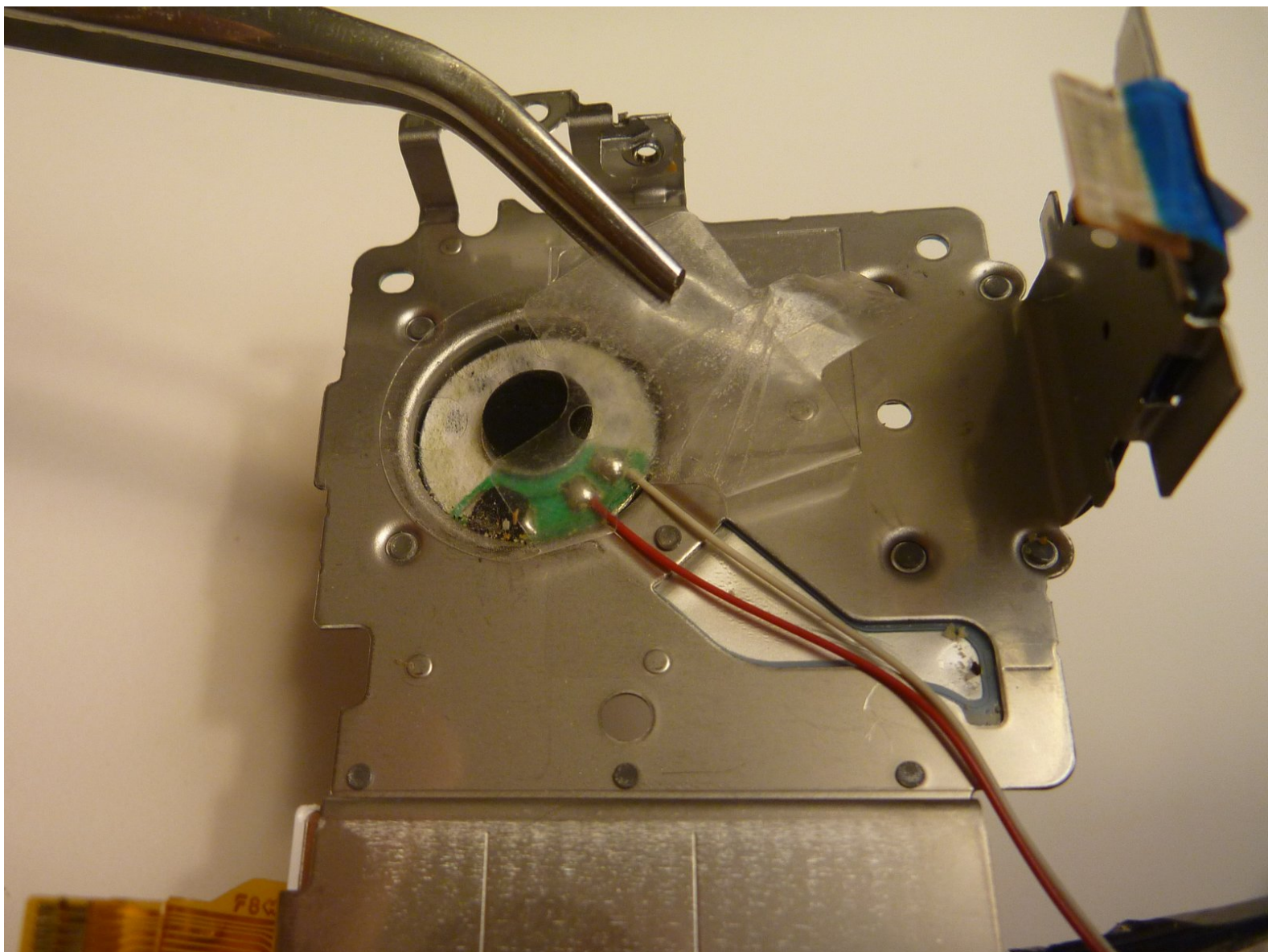




Olympus D590 Speaker and Microphone Replacement

Written By: Joshua



INTRODUCTION

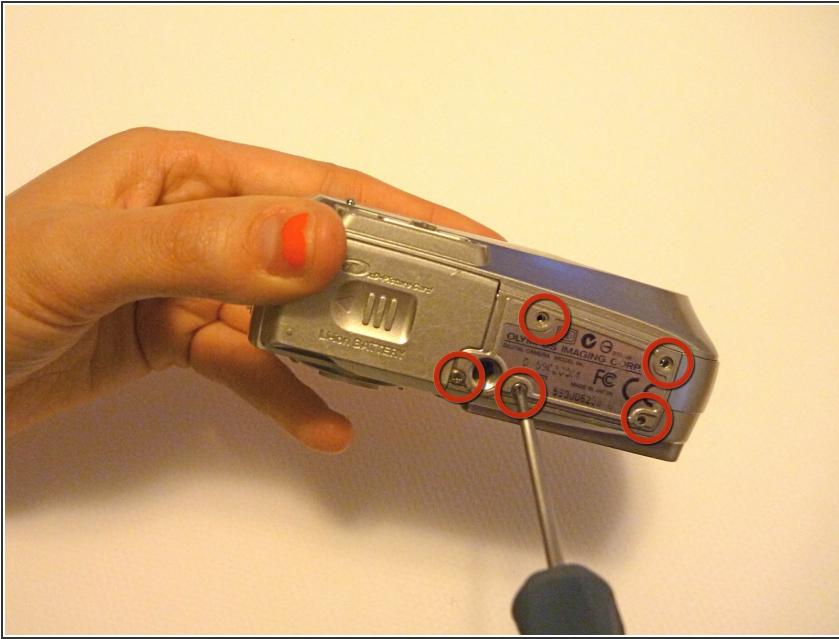
This Guide will give step-by-step instructions on how to install a microphone and speaker system into the Olympus D590 camera.



TOOLS:

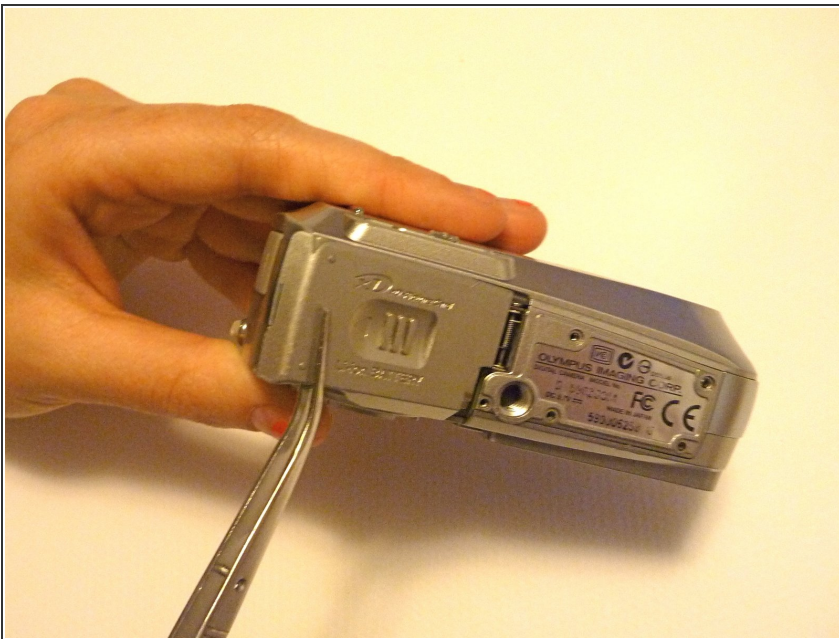
- [Phillips #00 Screwdriver](#) (1)
 - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Face Plate



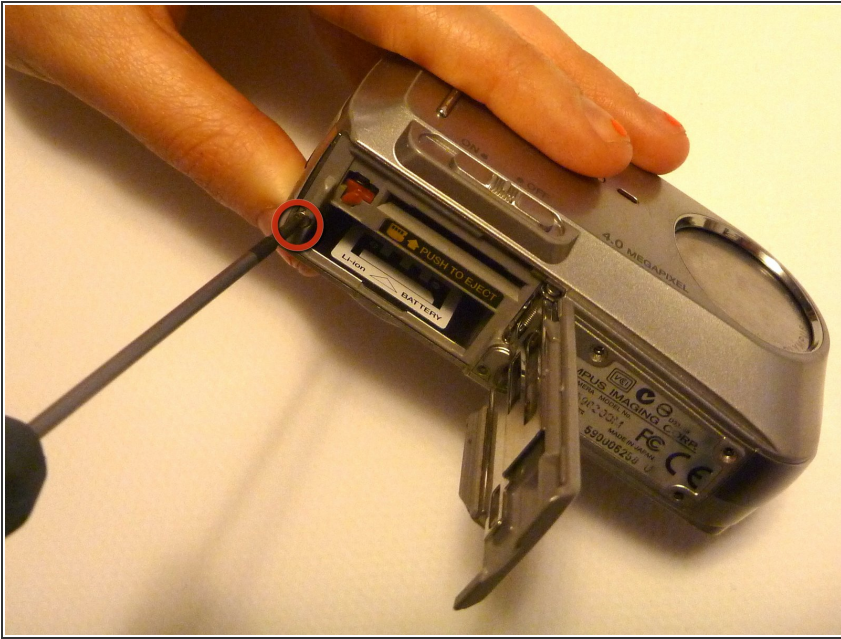
- Flip camera so you are looking at the bottom.
- Unscrew all 5 base plate screws.

Step 2



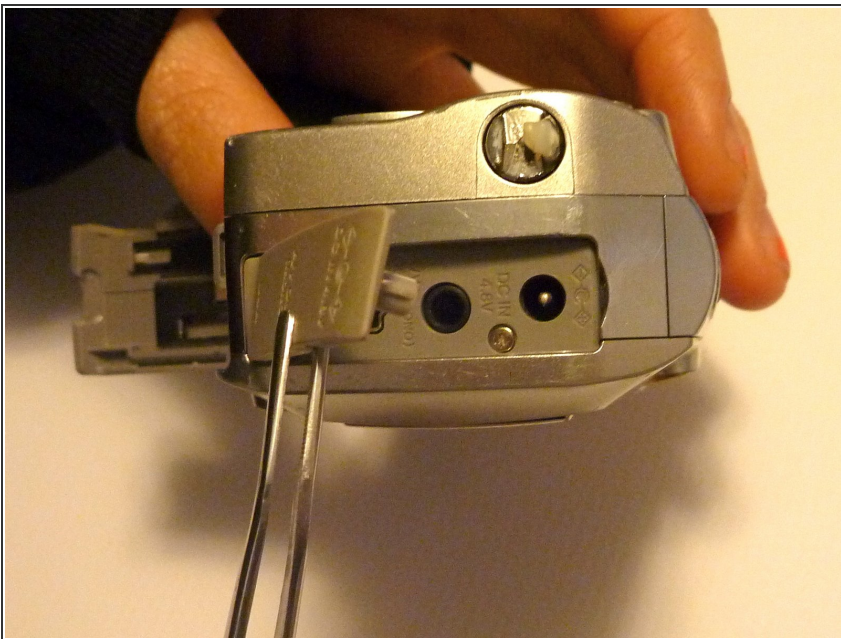
- Lift open retainer clip by sliding the clip to the left and letting the clip pop up.

Step 3



- Unscrew the single screw located next to the battery slot.

Step 4



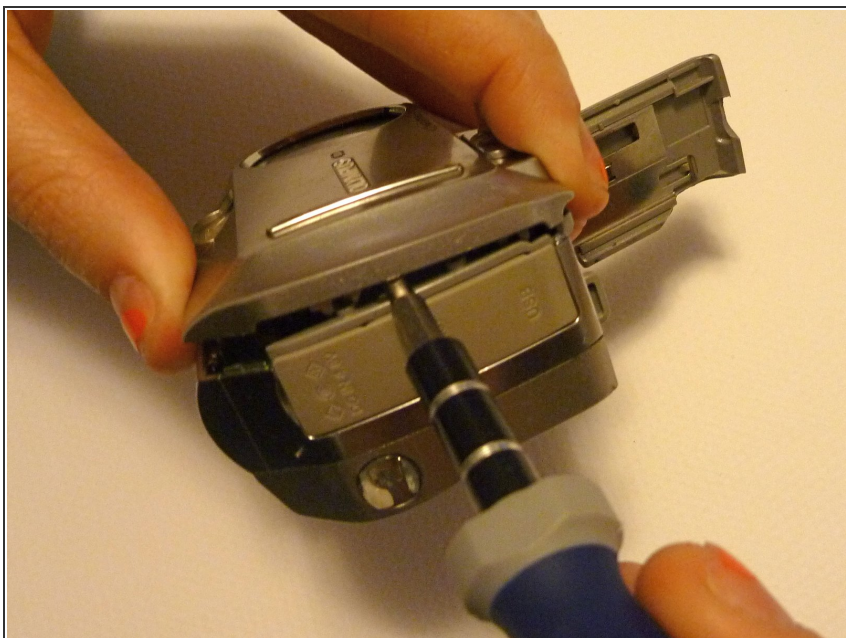
- Turn the camera so that the USB, AV and DC in/out rubber plate it facing you.
- Lift the rubber plate exposing the ports beneath.

Step 5



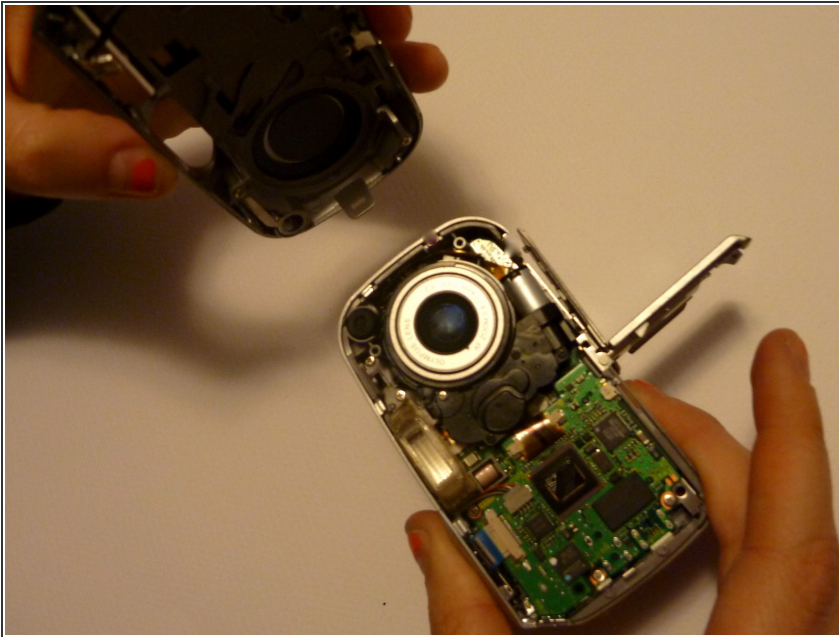
- Unscrew the 2 screws next to the USB and AC ports.

Step 6



- Use a flathead screwdriver or another flat opening tool to pry the faceplate from the whole device.

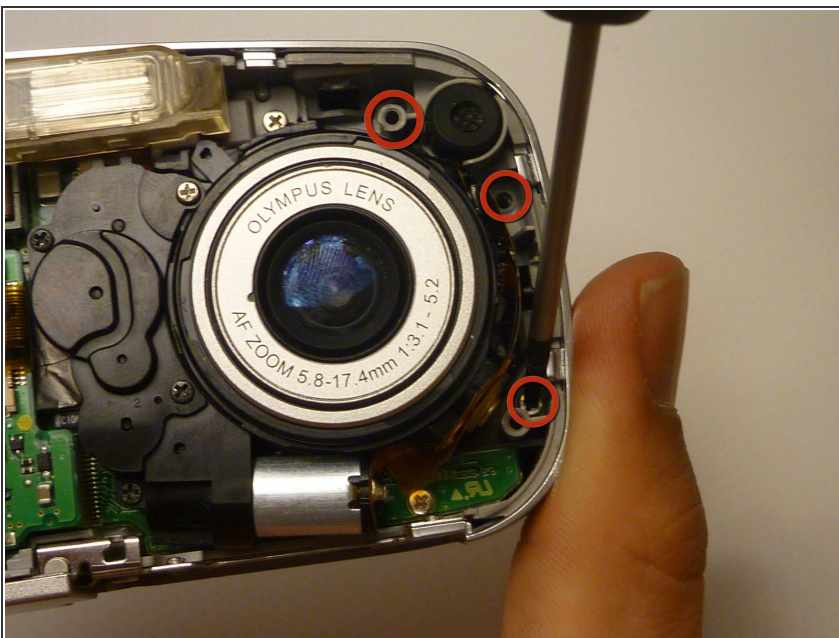
Step 7



- Pull off the faceplate to reveal the inside of the camera.

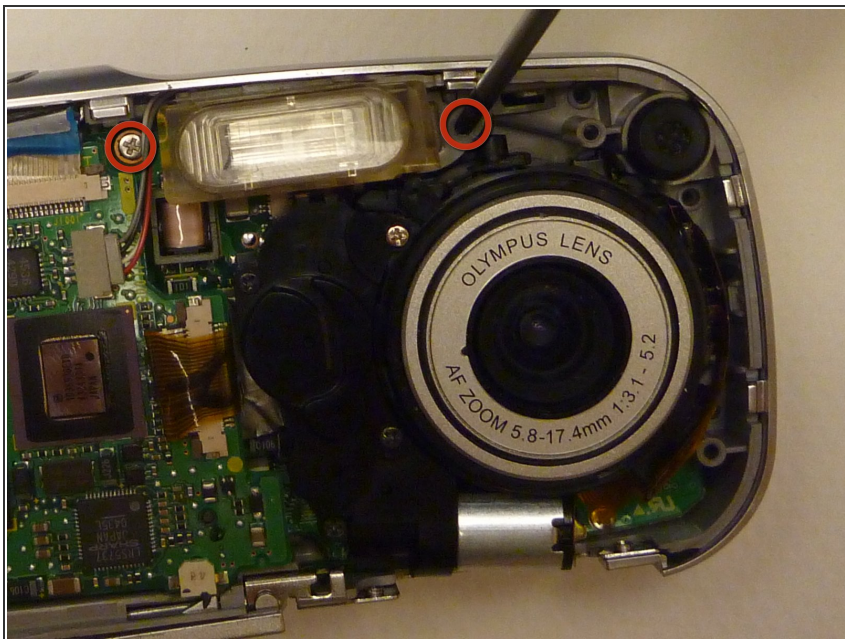
⚠ Be careful of the connector that goes from the faceplate to the motherboard . Disconnecting this line will cause the camera not power on through the on/off switch anymore.

Step 8 — Backplate



- Use a phillips head screwdriver to remove the 3 screws highlighted in the picture.

Step 9



- Unscrew the 2 screws located on either side of the flash.

Step 10



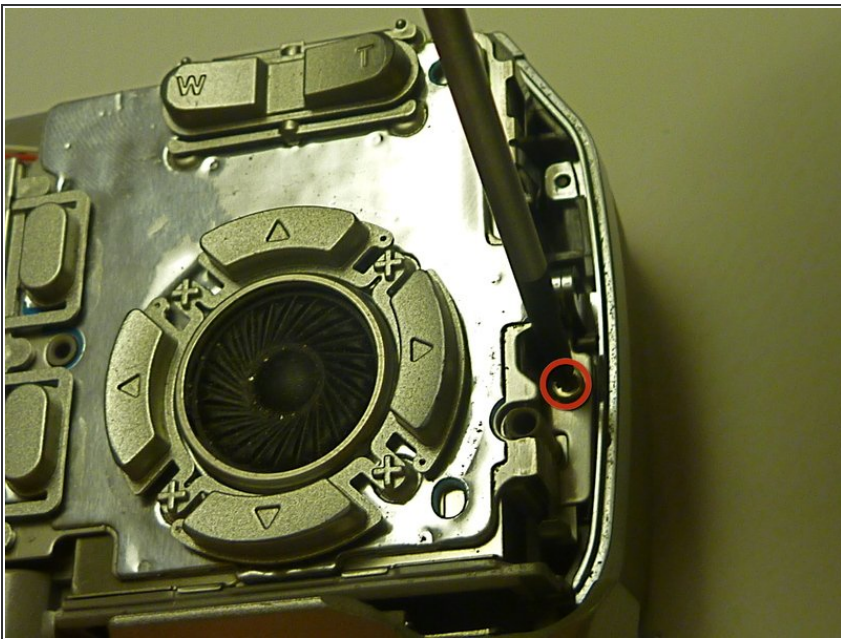
- Get a flathead screwdriver or an iPod opening tool (both are shown in this picture).
- Carefully pry off the blackplate from the remaining part of the camera.

Step 11



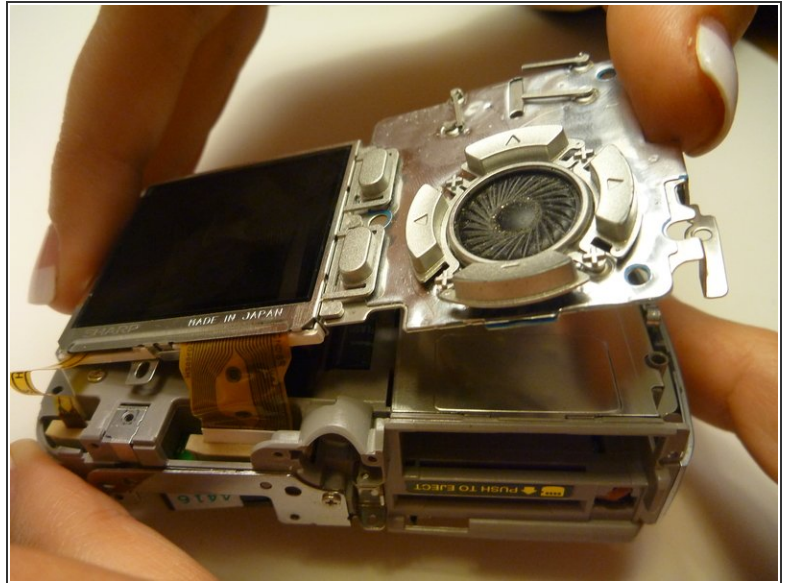
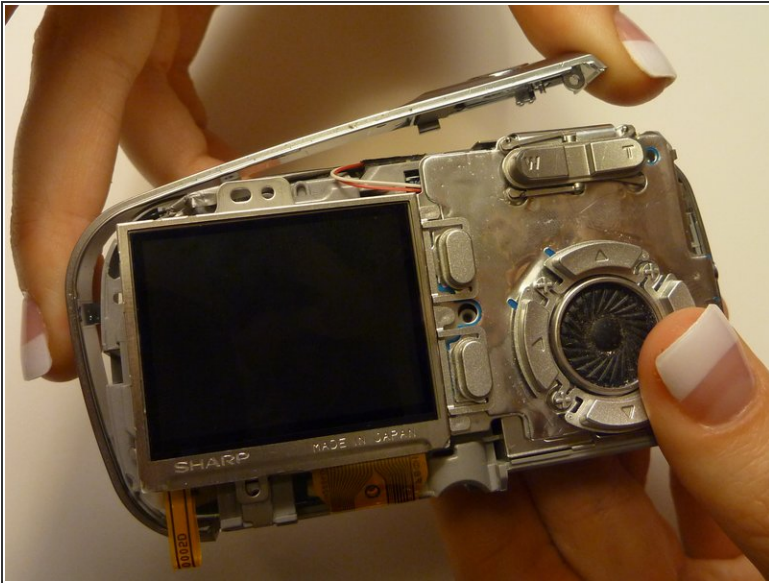
- Pull the backplate off.

Step 12 — LCD screen



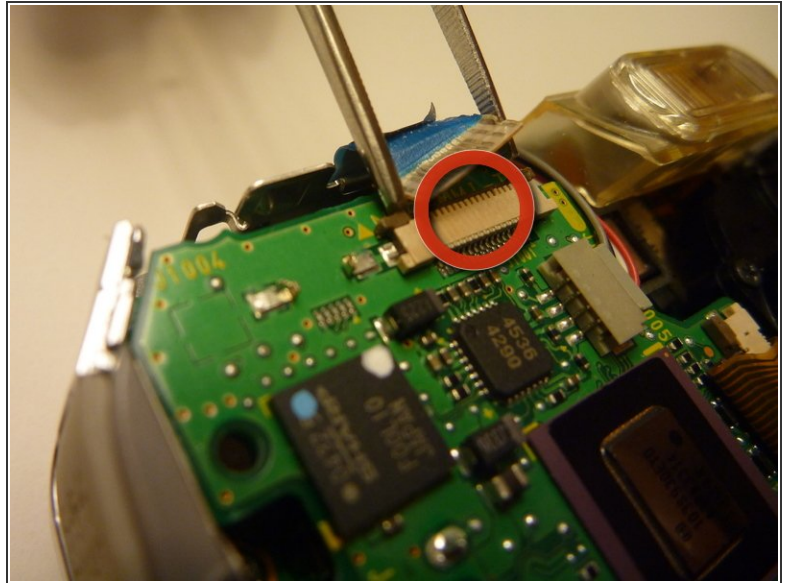
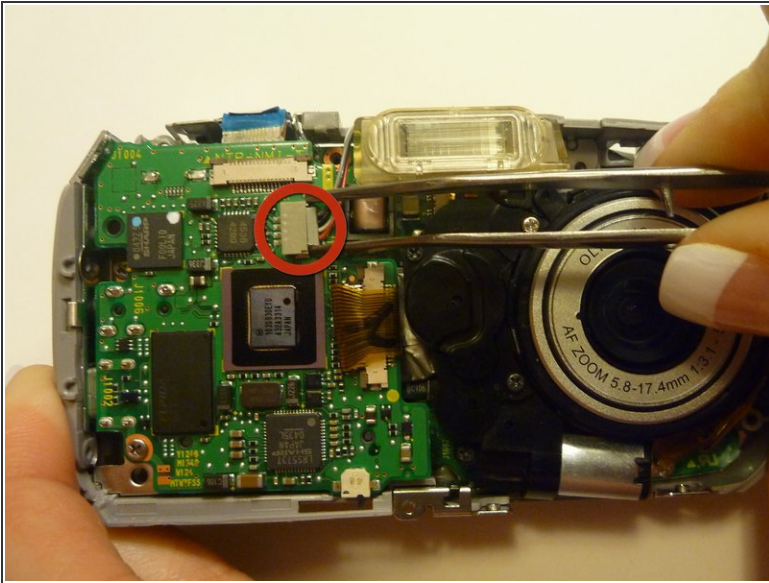
- Unscrew the screw shown in the picture from LCD screen.

Step 13



- Remove the side pannel by sliding it off the body of the camera.
- Lift the camera no more than 3cm to make sure all screws have been taken off.

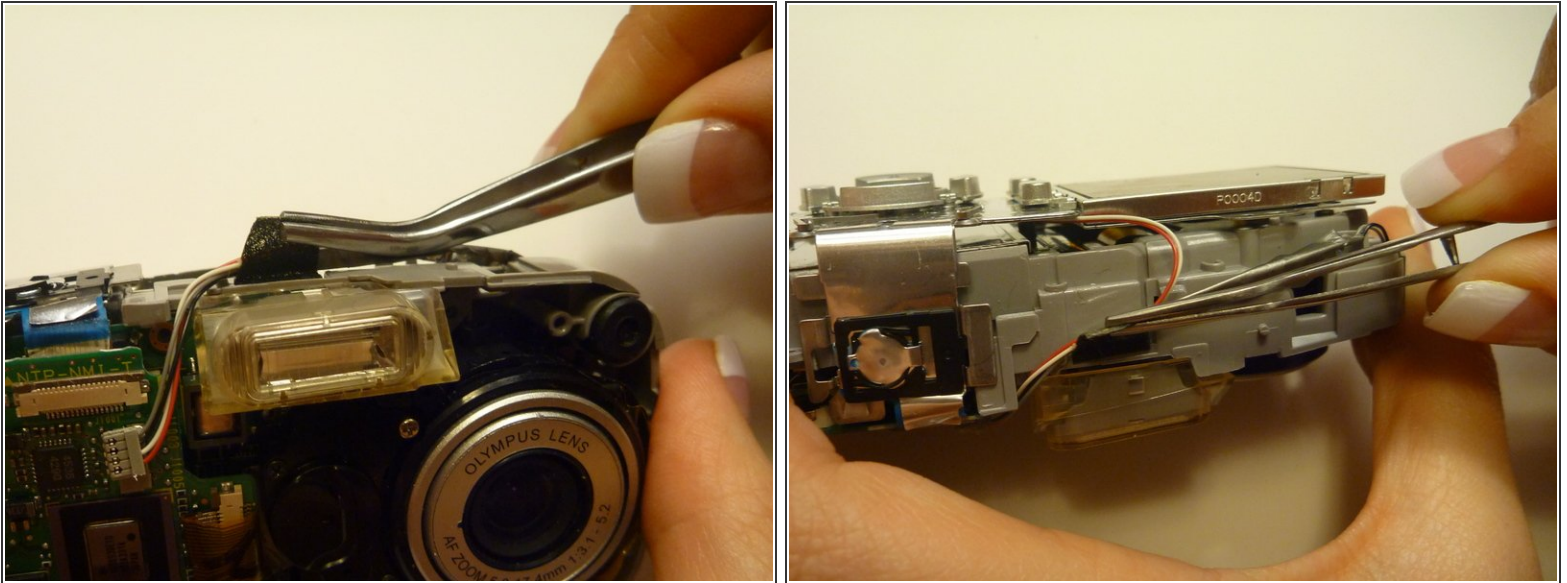
Step 14



- Flip camera so you are looking at the front.
- Remove gray and blue wiring with tweezers by gently wiggling and pulling.

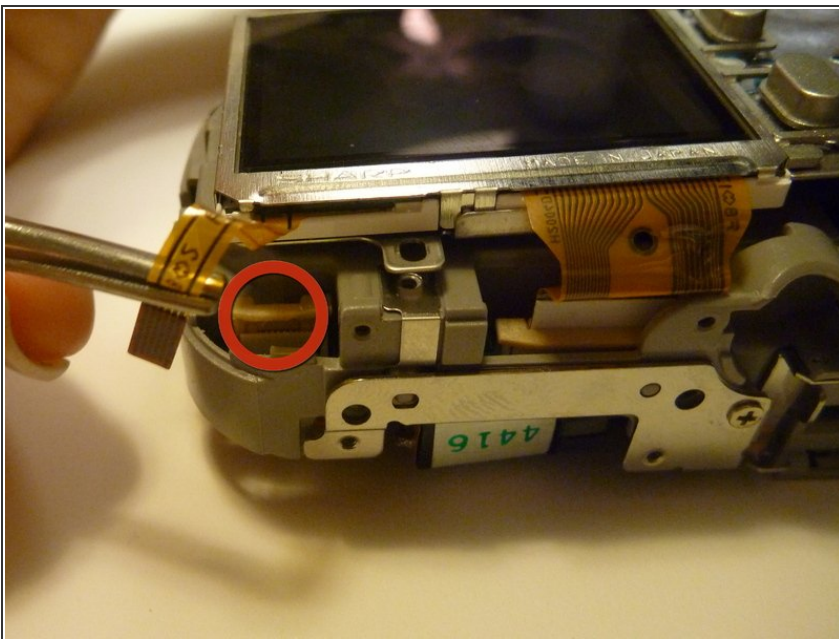
⚠ Be careful not to rip the wiring tape with the tweezers.

Step 15



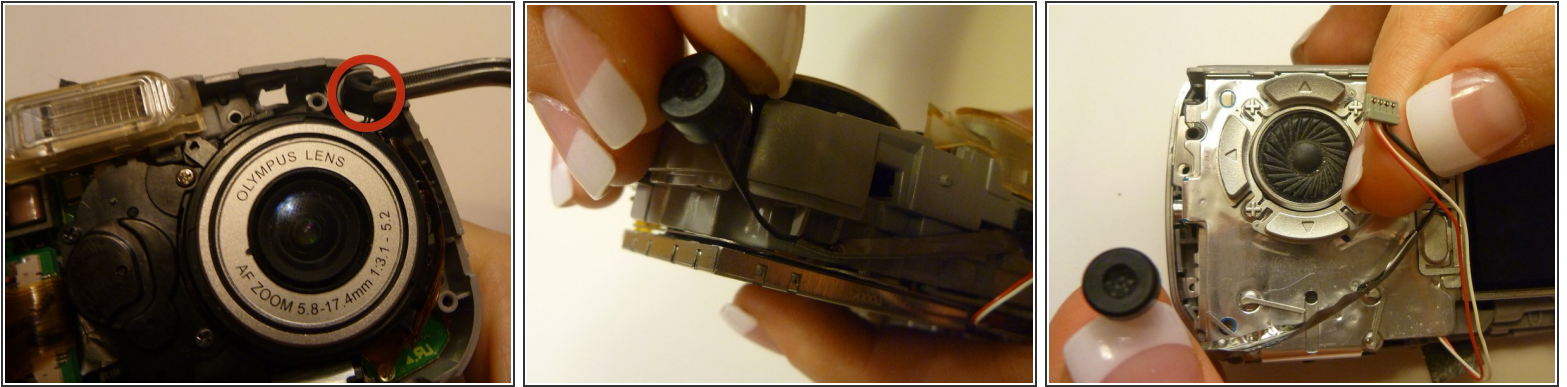
- Locate the tape securing the wiring with the gray end piece located on top of the camera.
- Gently lift up on the tape till all wires are exposed.

Step 16



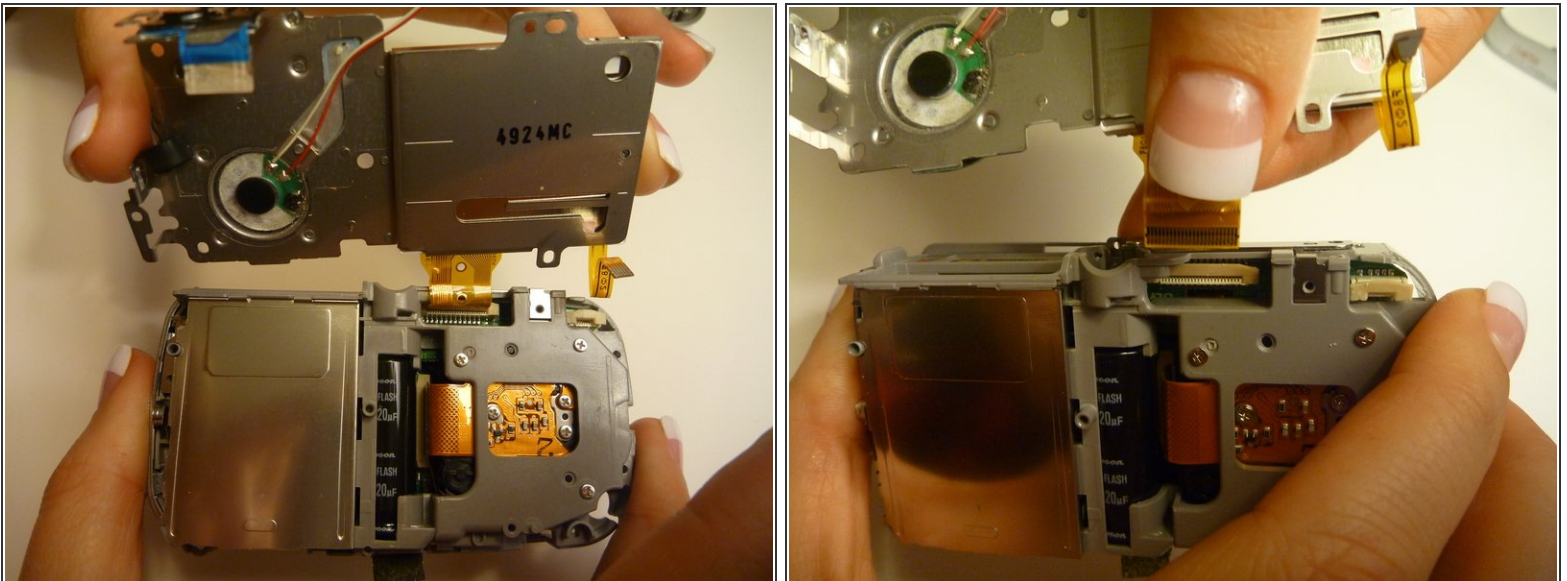
- Flip Camera to the bottom side as shown.
- Pull and wriggle the thin yellow wiring tape to detach it from the rest of the camera, while leaving it attached to the LCD screen.

Step 17



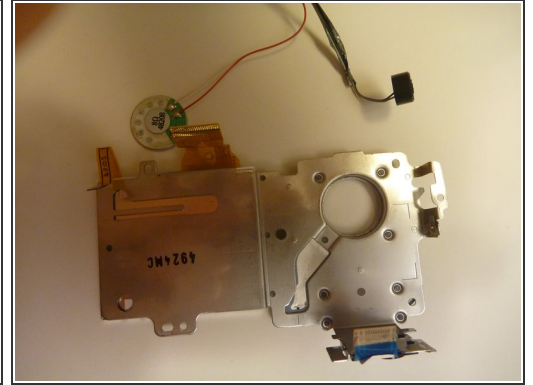
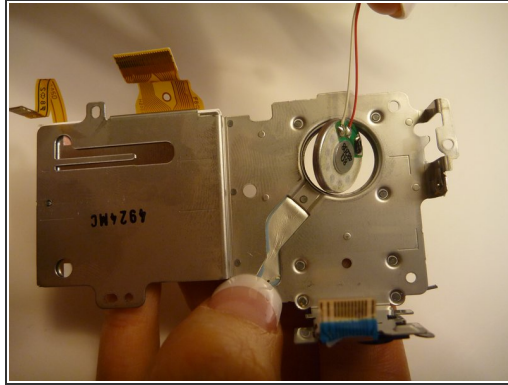
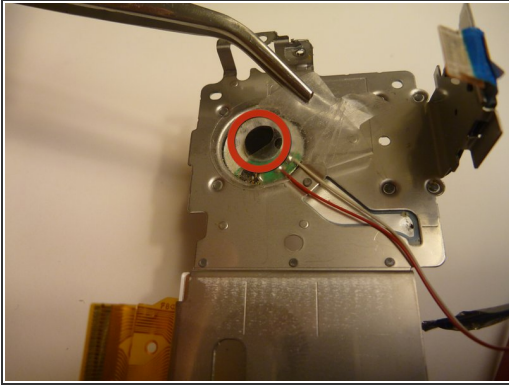
- Flip camera so the front is facing you.
- Locate speaker in upper right hand corner.
- Gently lift with tweasers.
- Feed wiring through designated spot so that it is no longer connected to the camera.

Step 18



- Lift the LCD screen so the thick yellow wiring is the only thing attaching the LCD screen to the camera.
- Gently pull the thick yellow wiring out by using the forefinger and thumb.

Step 19 — Speaker and Microphone



- Locate speaker on the back of the LCD screen.
- Remove the tape holding the speaker down by lifting with tweezers.
- Remove speaker from holding dock.

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