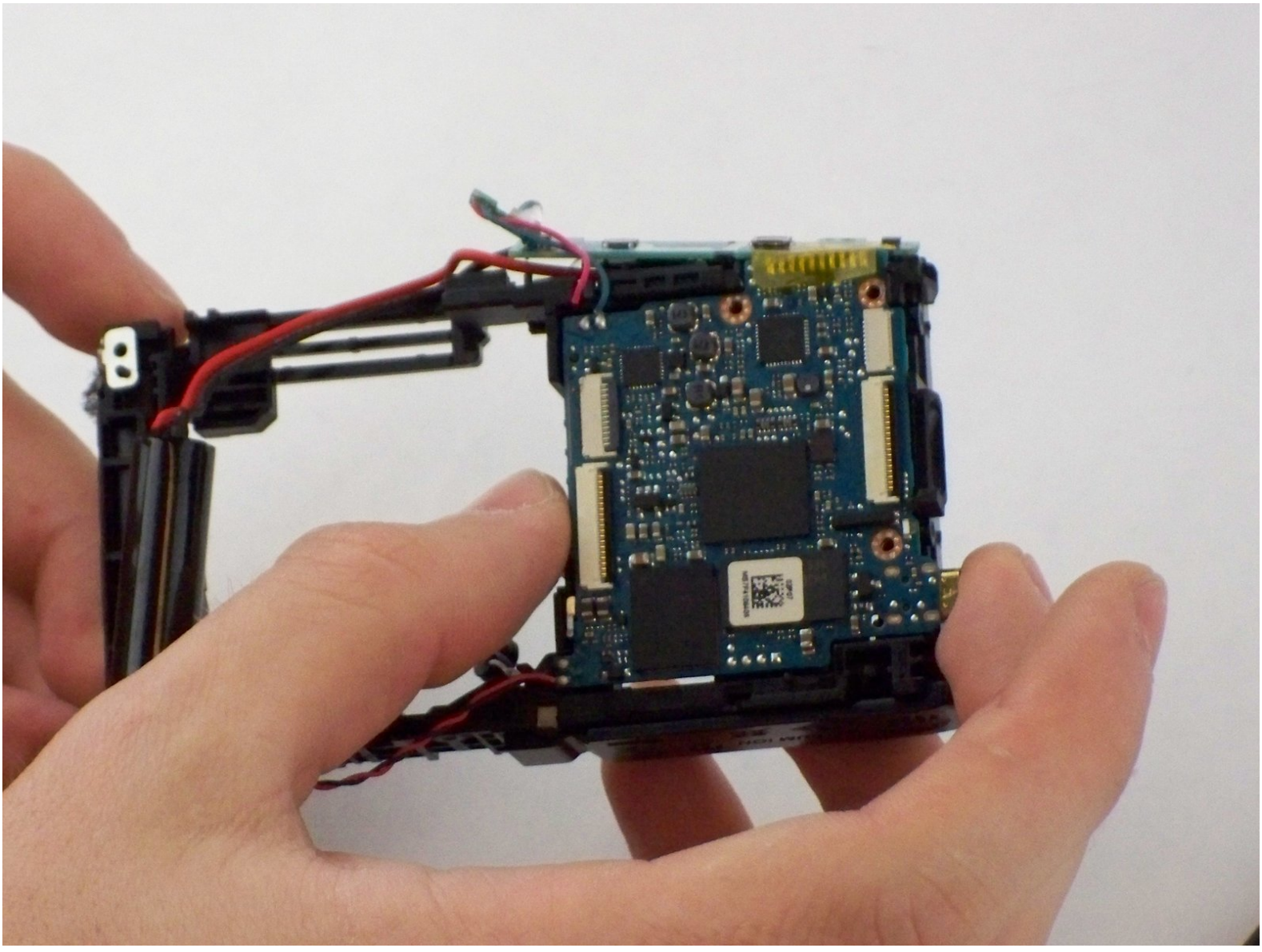
Sony Cyber-shot DSC-W800 Motherboard Replacement

Replace the malfunctioning Motherboard on your Sony Cyber-shot DSC W800. This should restore your device to its default operating condition.

Written By: Thomas Campo



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INTRODUCTION

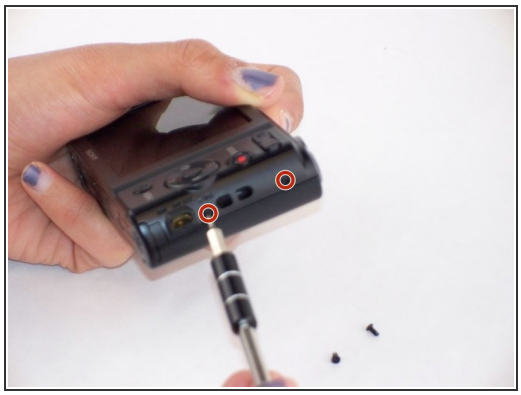
Some things to consider before you work on the Sony Cyber-shot DSC W800 to replace the Motherboard:

- The Motherboard is an integral part of the device and any improper handling can cause issues in other parts of the camera.
- Be cautious when removing ribbon wires.
- Be sure to keep track of all pieces that are taken apart.

TOOLS:

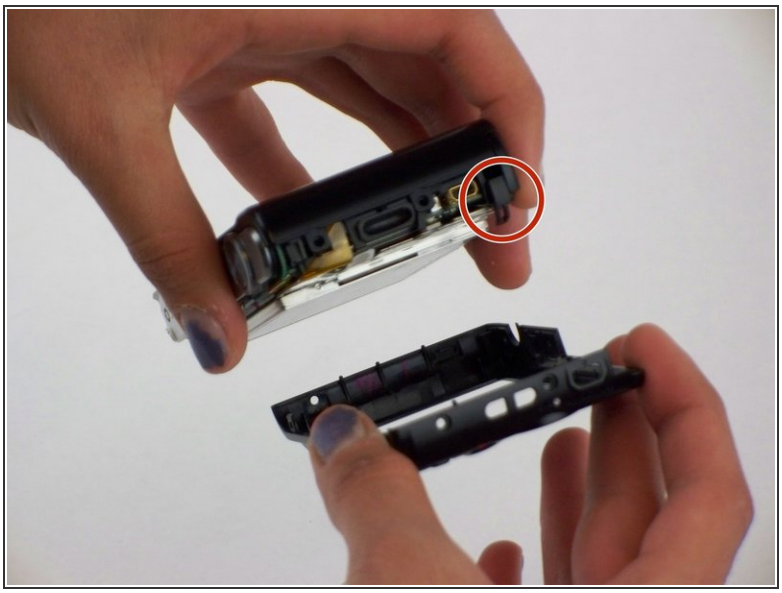
- Phillips #000 Screwdriver (1)
- iFixit Opening Tools (1)
- Spudger (1)
- Tweezers (1)

Step 1 — Button Board

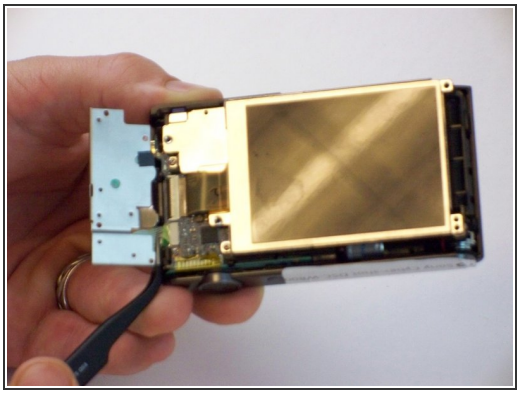
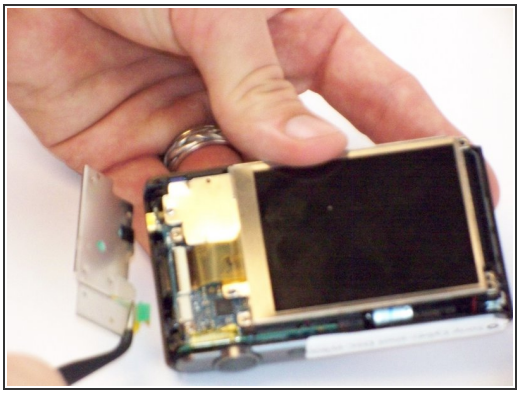

- Remove the five 4.0 mm Phillips #000 screws on the back panel.

Step 2

- Using the Spudger, remove the back panel from the device.
- The loose piece circled in the picture will most likely fall off the camera housing.

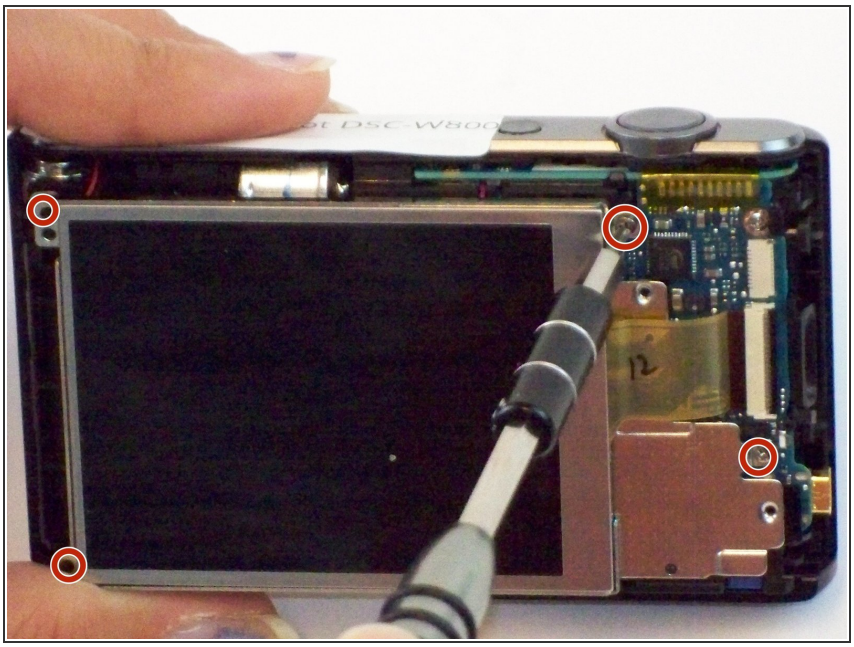
Step 3

- Remove the two 2.15mm Phillips #000 screws from the circuit board.
- Gently pull on the ribbon wire from ZIF connector with the tweezers to remove the button board.

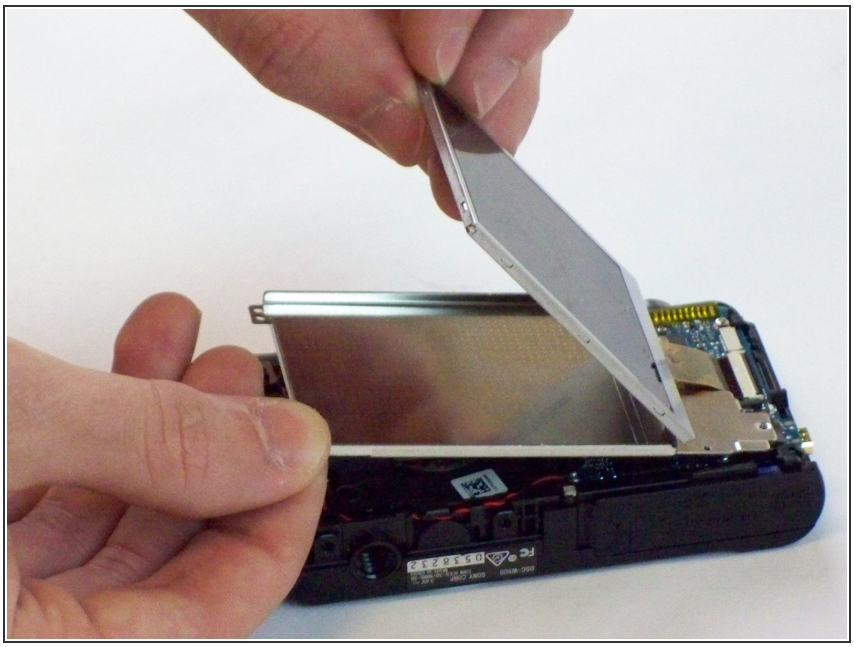
⚠ Ribbon wires can easily be damaged.

Step 4 — LCD Screen



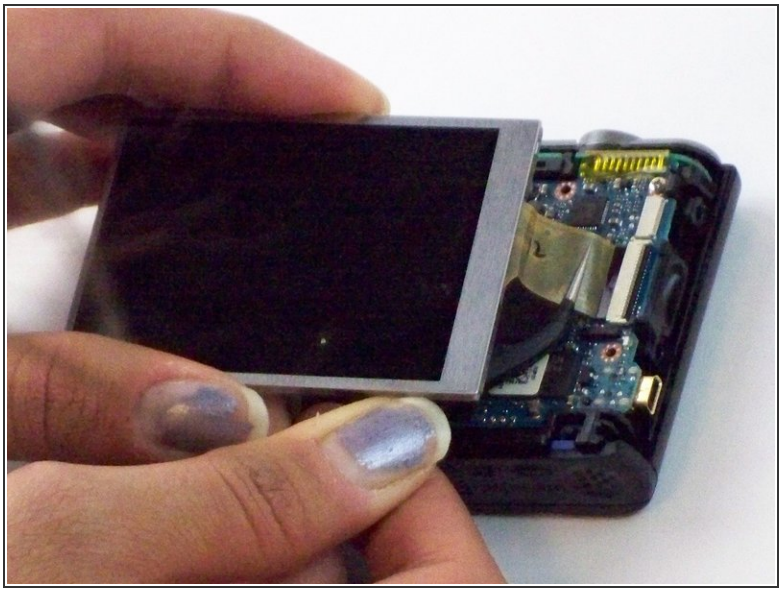
- Remove the four 3.75 mm Phillips #000 screws from the LCD back panel.

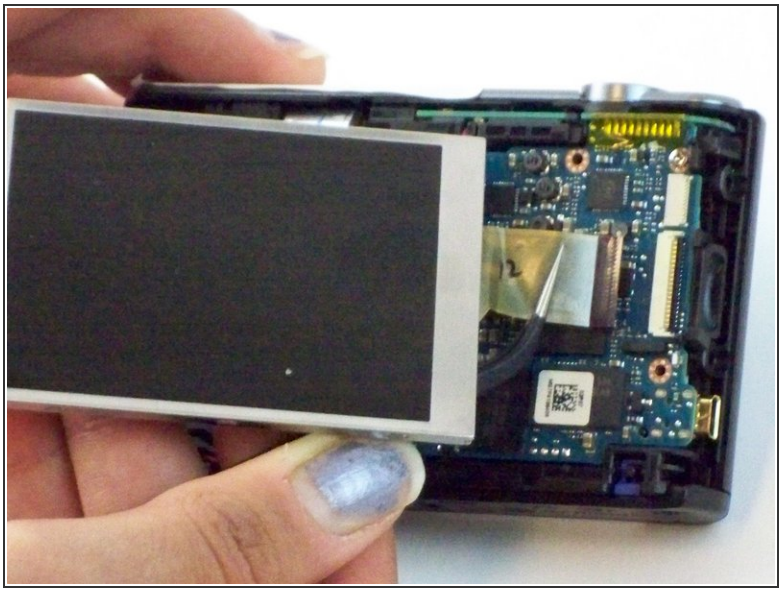
Step 5



- Lift the back panel and separate the LCD Screen by prying it up.
- Remove the back panel.

Step 6

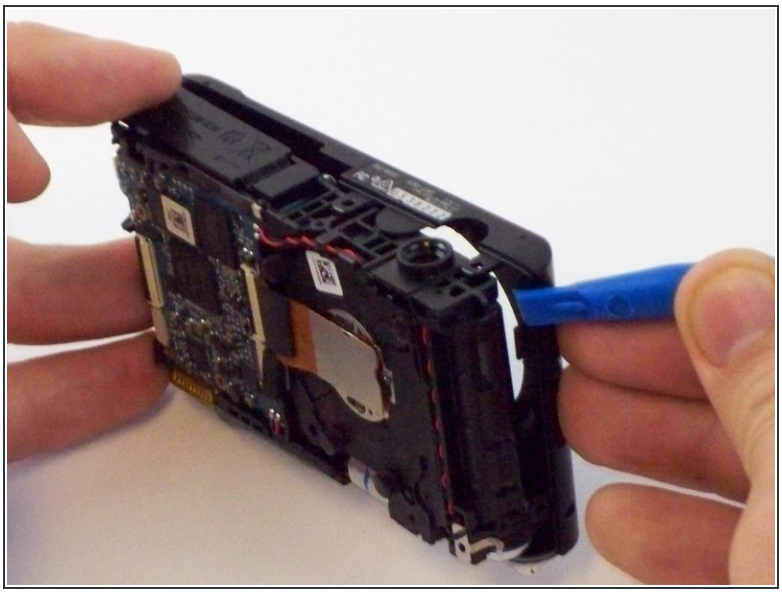


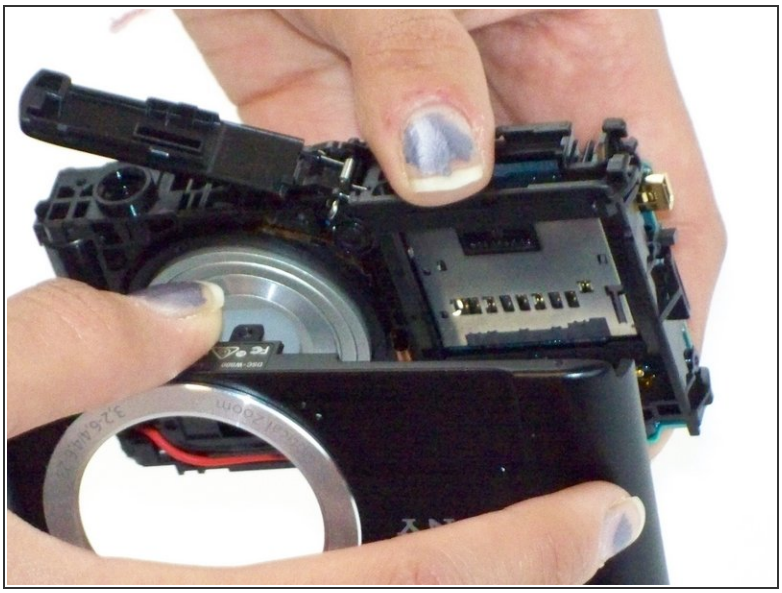


- Gently pull on the ribbon wire disconnecting from the ZIF connector (connecting the LCD screen to the motherboard) with the tweezers.

⚠ Ribbon wires can be easily damaged.

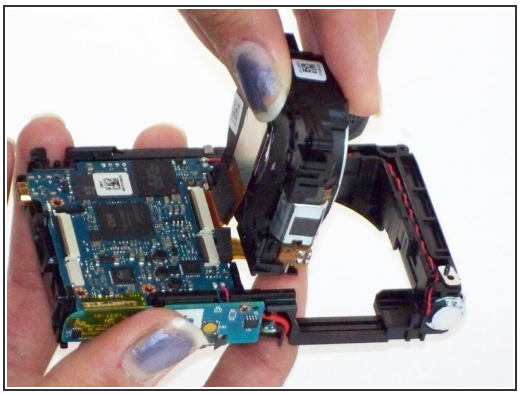
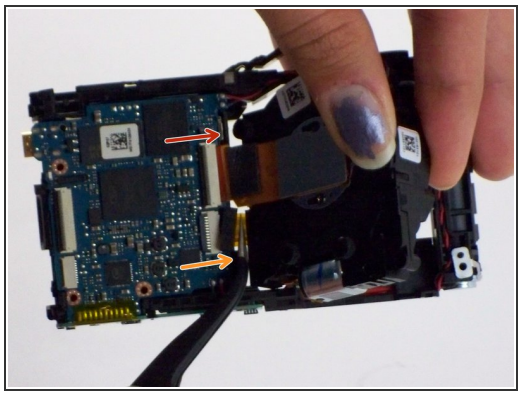
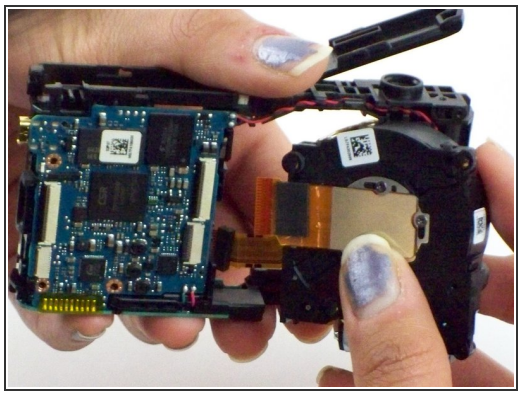
Step 7 — Lens





- With plastic opening tool, gently pry loose the front panel.
- Separate front panel from the camera housing.

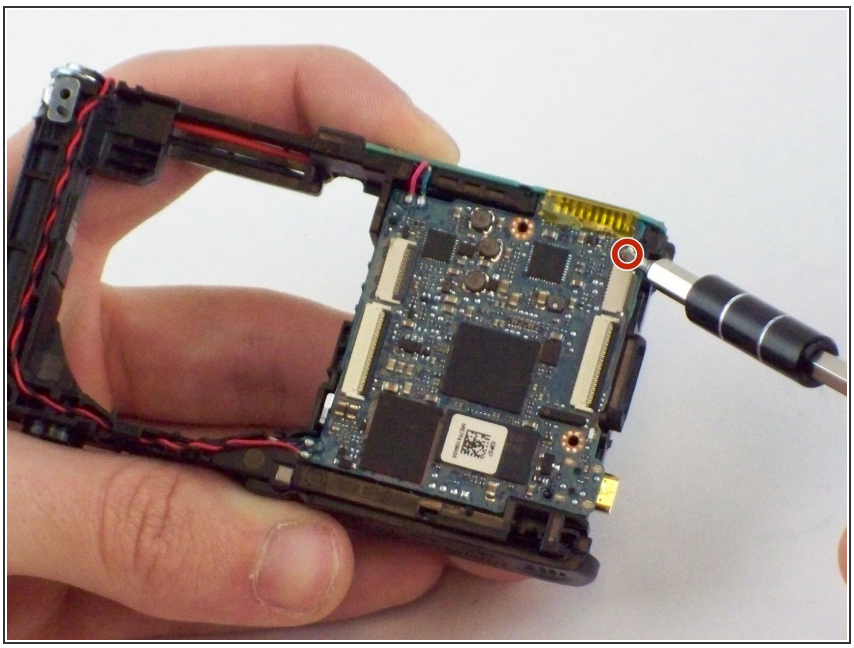
Step 8

- Remove the lens housing by pushing it, from the front, through the housing and lifting it out.
- Gently pull on the large ribbon wire (connecting the Lens housing to the motherboard via ZIF connector) with the tweezers.
- Gently pull on the small ribbon wire (connecting the Lens housing to the motherboard) with the tweezers.

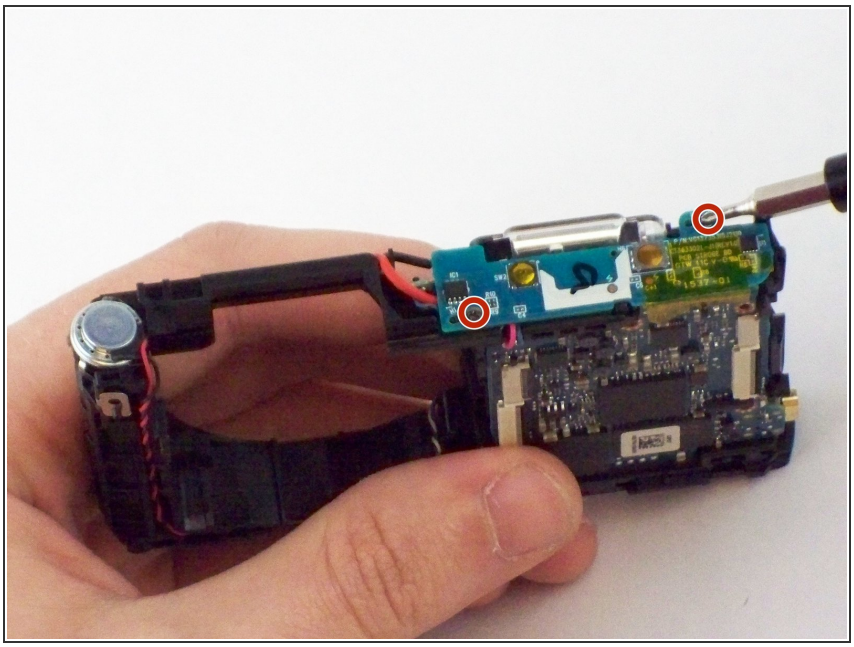
⚠ Be careful not to damage either of the ribbon wires.

Step 9 — Motherboard



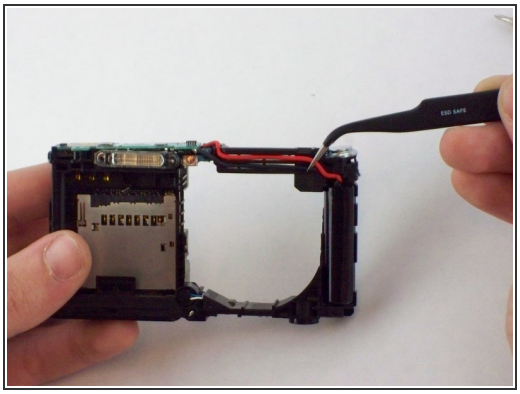
- Remove the single 3.75 mm Phillips #000 screw from the base of the motherboard.

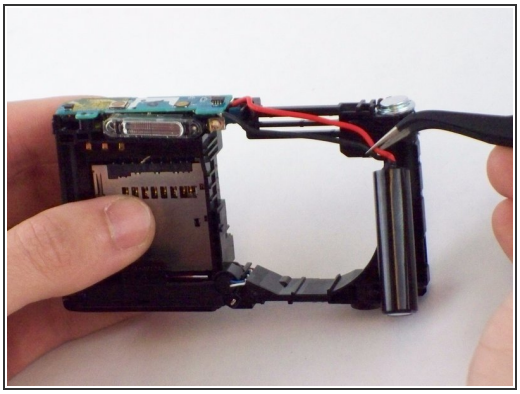
Step 10

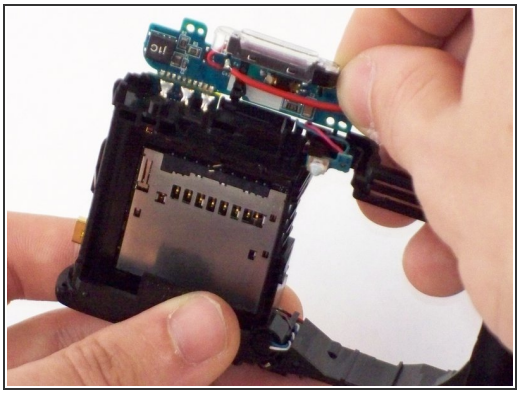


- Remove the two 3.5 mm Phillips #000 screws from the secondary board that is attached to the flash bulb.

Step 11



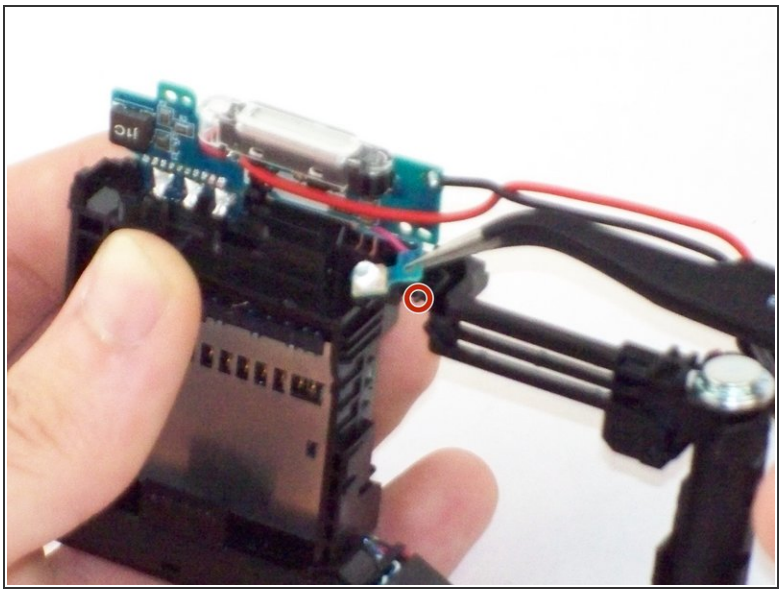


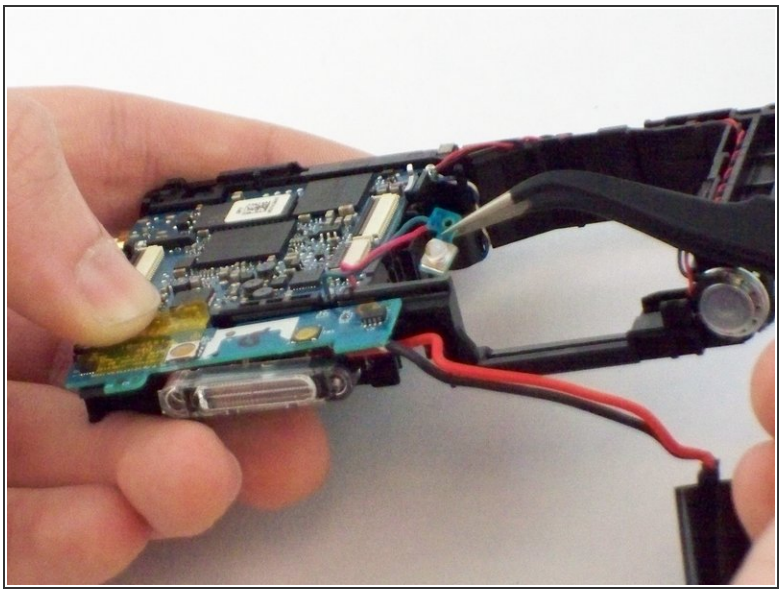


- Use the tweezers. Move the thick red cable, attached to the secondary board, outside of its place in the camera housing.
- Gently pull on the red/black wire in order to free the photo lens cylinder from the housing.
- Remove the secondary board from its position and move it upward, out of the way.

⚠ From this point on, do not damage the connection between the motherboard and the secondary board.

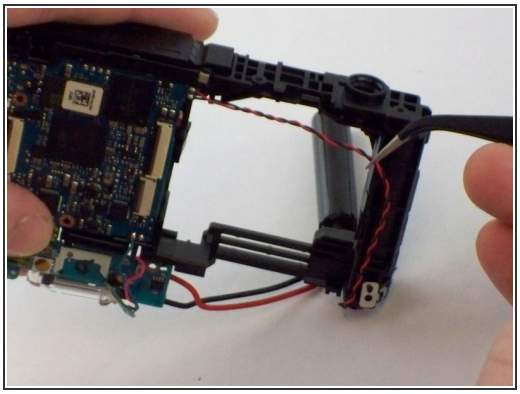
Step 12

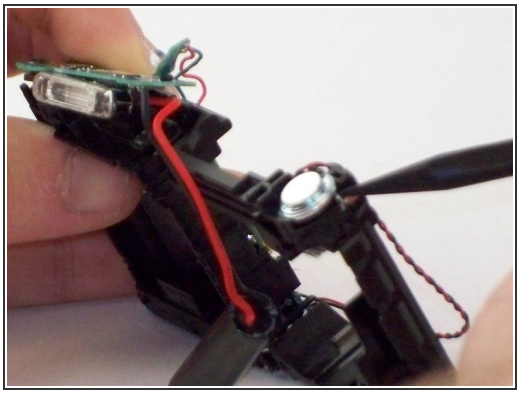


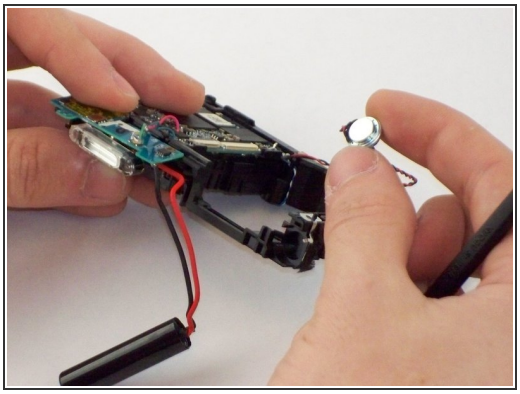


- Using the tweezers, pull the indicator bulb out , freeing it from its position on the housing.
- Thread the indicator bulb under and through the secondary boards position.

Step 13



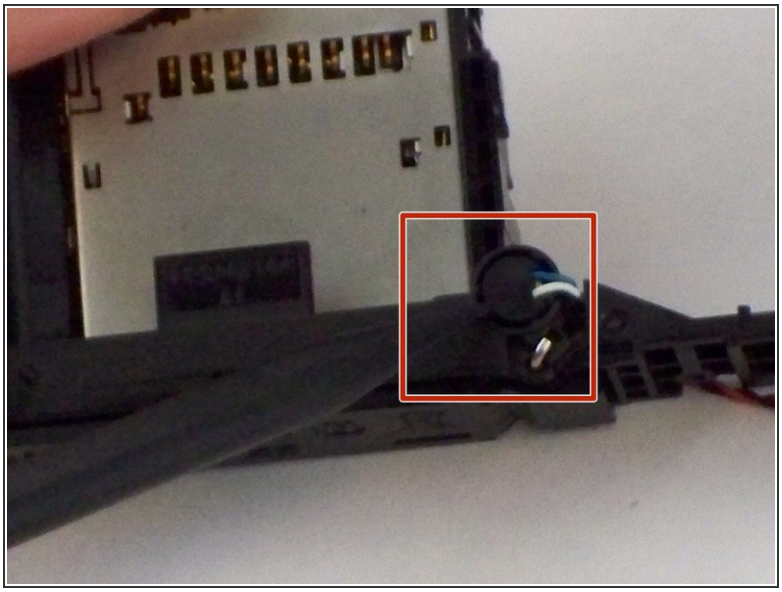


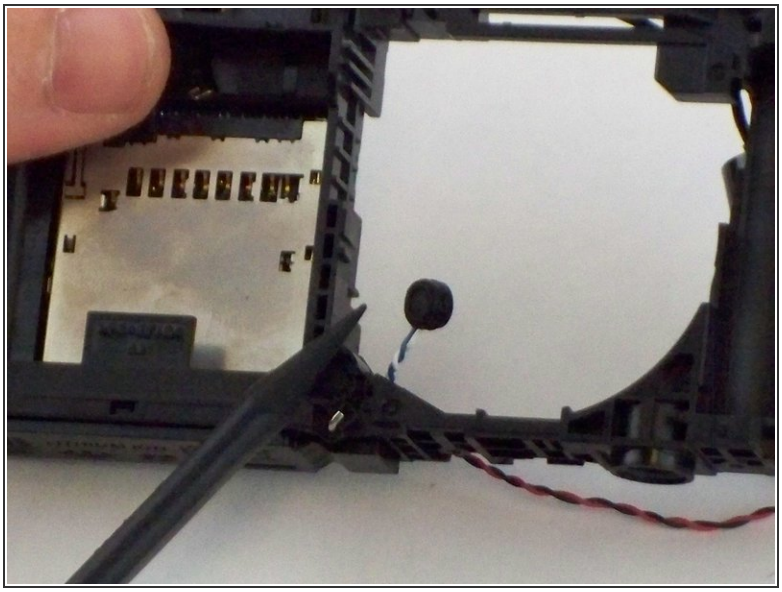


- Using the tweezers, remove the black/red speaker wire from camera housing.
- Pry loose and remove the speaker from the camera housing.

The speaker is attached with adhesive and must be removed with the spudger and moderate force.

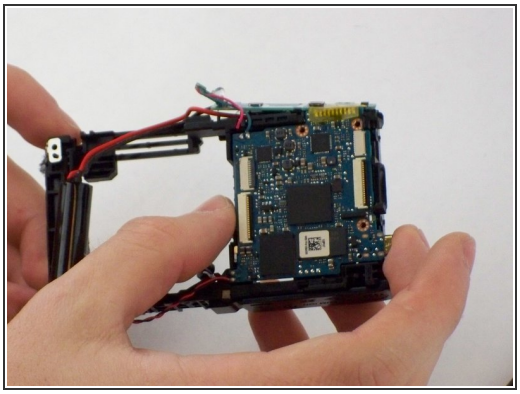
Step 14

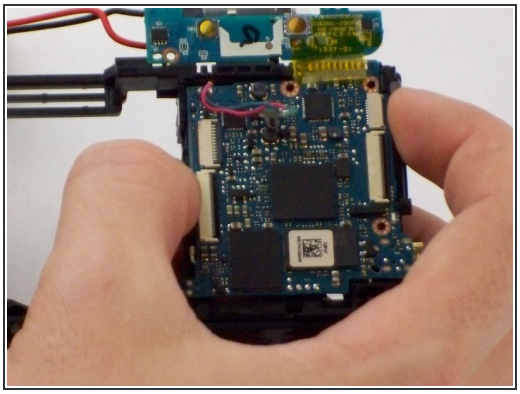


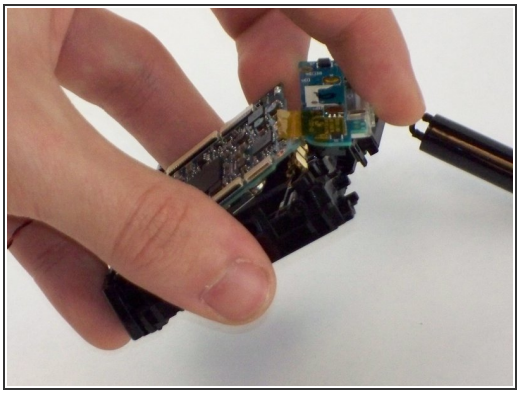


- Using the spudger, remove the mini speaker from the housing.

Step 15



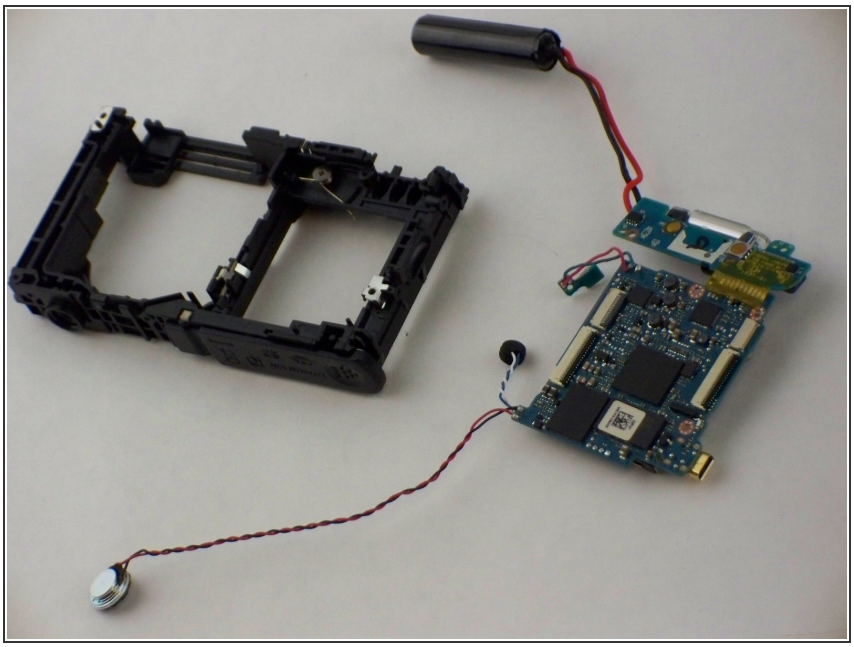




- Pull up on the bottom-half of the motherboard, slightly removing it from its position in the housing.
- With enough force, pull up on the top right of the motherboard, pulling it entirely from its position in the housing.

⚠ Once again, be sure to keep the motherboard and secondary board connection intact.

Step 16



- Once apart, completely separate motherboard from the housing.

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