Nikon Coolpix L810 Motherboard Replacement

Remove the motherboard from your Nikon Coolpix L810.

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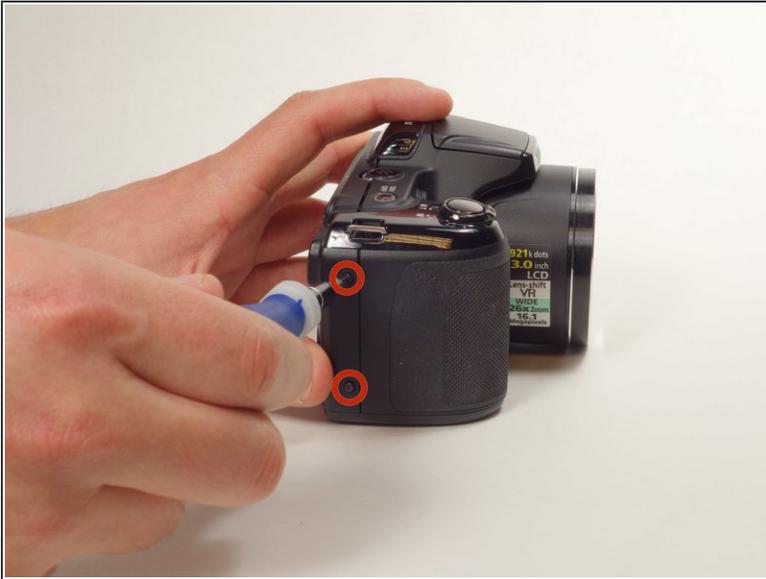
INTRODUCTION

The motherboard is what makes the camera work. If your camera stops working, follow this guide to replace the motherboard.

TOOLS:

- Phillips #000 Screwdriver (1)
- Soldering Workstation (1)

Step 1 — LCD

- Remove two 5 mm Phillips #000 screws on the right hand side of the camera located near the power button.

- (i) Use of precision tweezers to help remove loosened screws is suggested.

Step 2

- Remove two 5 mm Phillips #000 screws near the audio/video inputs on the opposite side near the flash component.
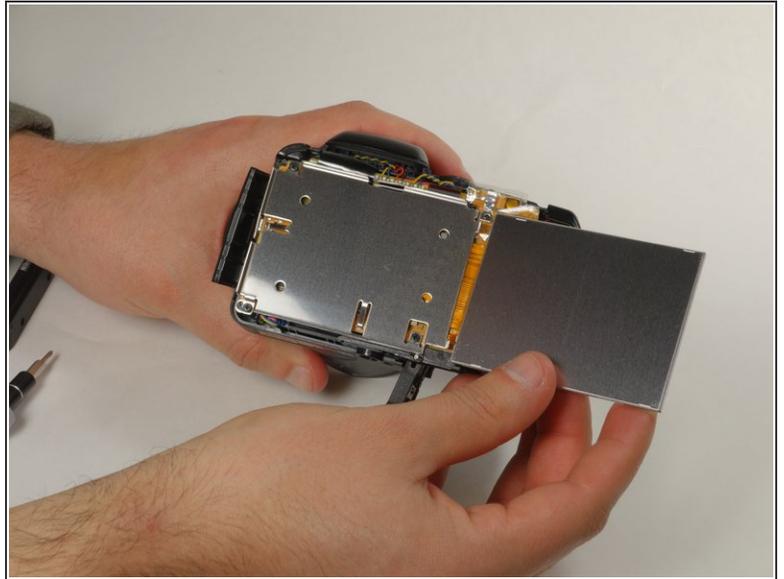
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Step 3

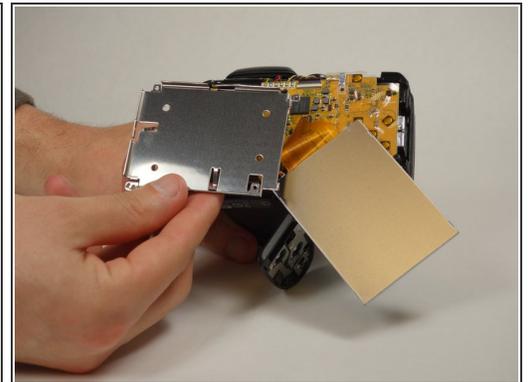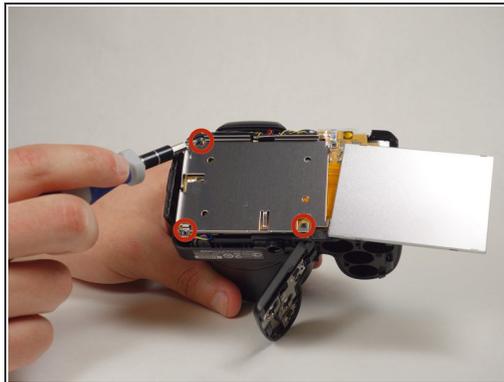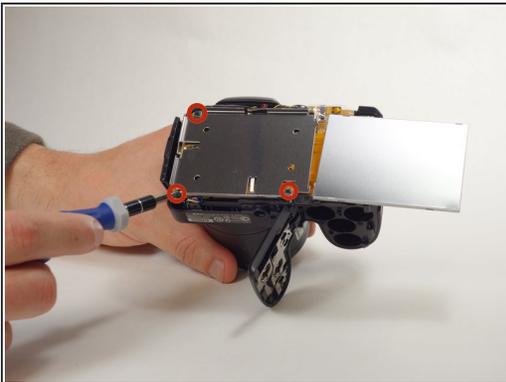- Remove three 5 mm Phillips #000 screws on the bottom end of the camera.

Step 4

- Carefully detach the back side of the camera by lifting both ends, with moderate force wobble until loosened enough to remove.

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Step 5

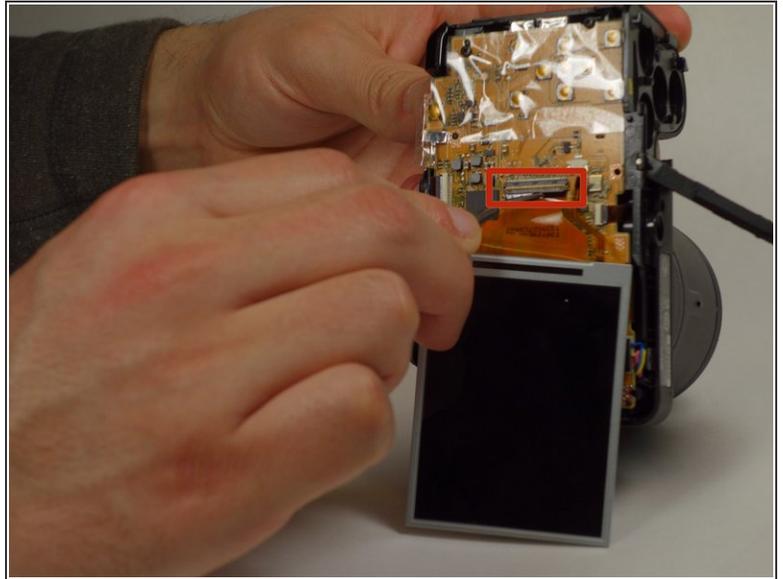- With the LCD screen facing towards you, flip the screen to the right.
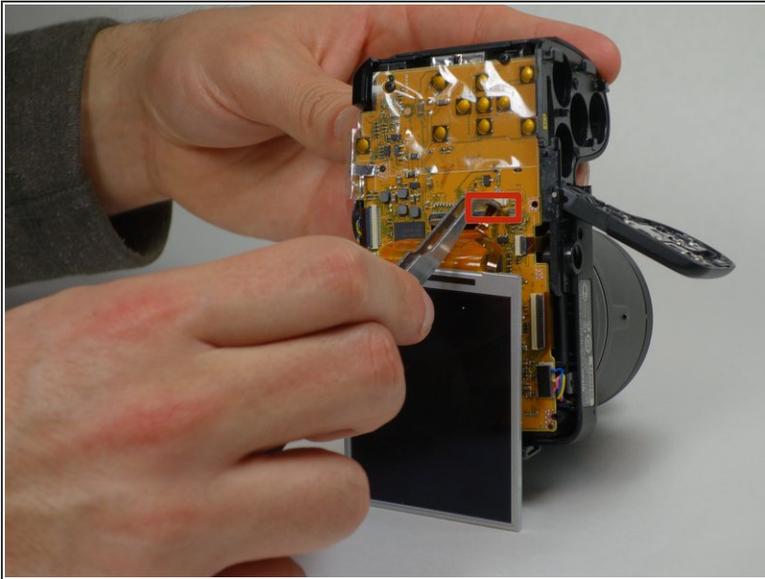
Step 6

- Remove three 5 mm Phillips #000 screws located on the bracket.

⚠ Hold the camera with the lens facing downward to prevent the bracket from falling off once all screws are removed.
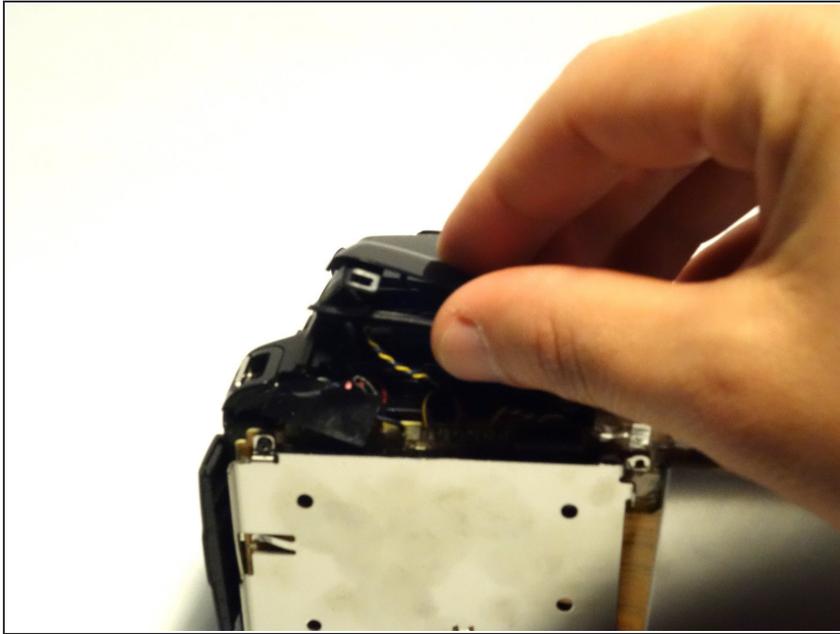
Step 7

- Disconnect the ribbons that connect the LCD screen to the camera gently using precision tweezers or fingers.
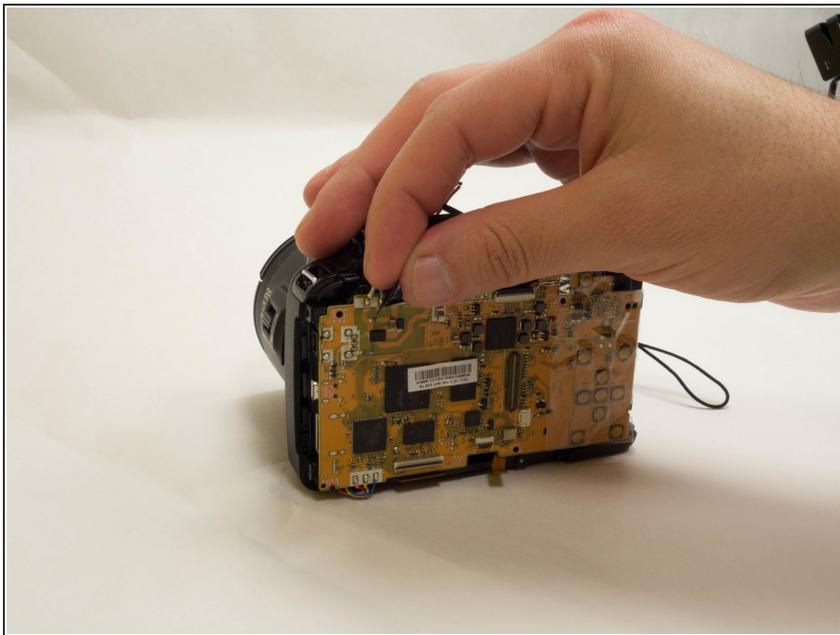
Step 8 — Motherboard

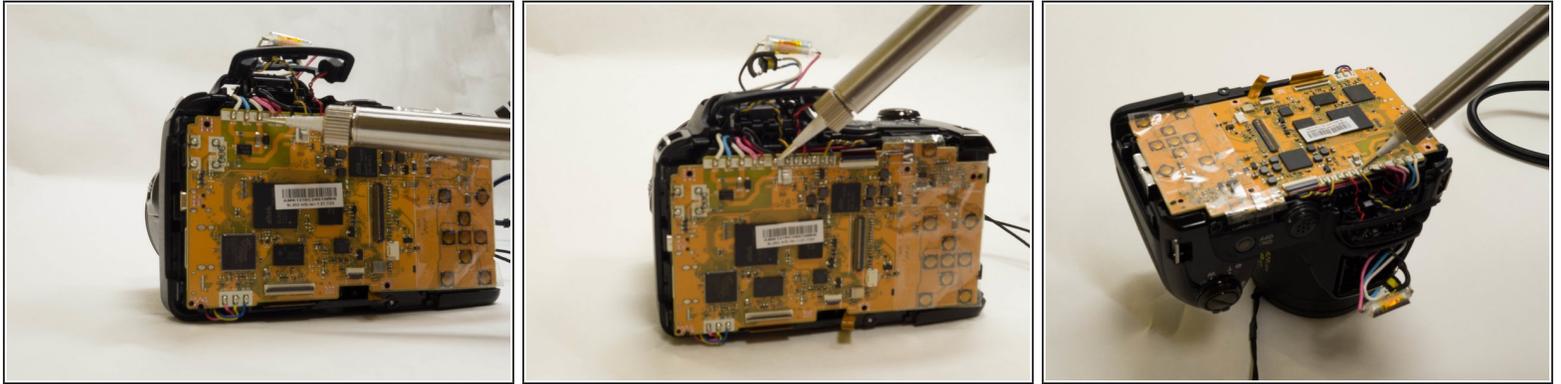- Remove three 5 mm Phillips #000 screws bordering the motherboard.

Step 9

- Remove the plastic component located directly behind the flash from its rubberized holder.

Step 10

- Remove the electric tape covering the wires.

Step 11

- Unsolder all the wires that are on the top of the motherboard near the flash component.

Step 12

- Unsolder the wires on the bottom end of the motherboard.

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