



Nikon D5100 LCD Replacement

Guide to replace the LCD unit in the D5100.

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INTRODUCTION

The LCD unit is the main component of the digital display on the D5100. This guide will teach you how to remove and replace it.

TOOLS:

- [Phillips #000 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Soldering Workstation](#) (1)
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Step 1 — LCD



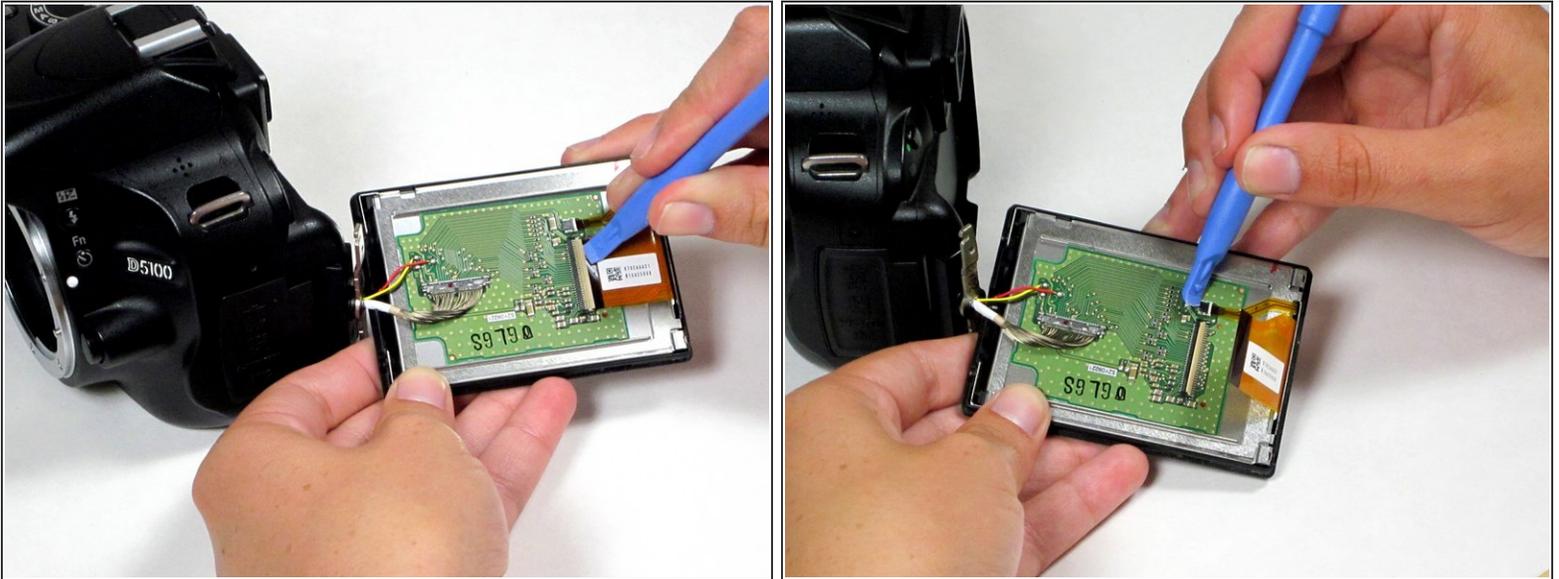
- Use a Phillips #000 screwdriver to remove the four screws around the perimeter of the LCD panel.

Step 2



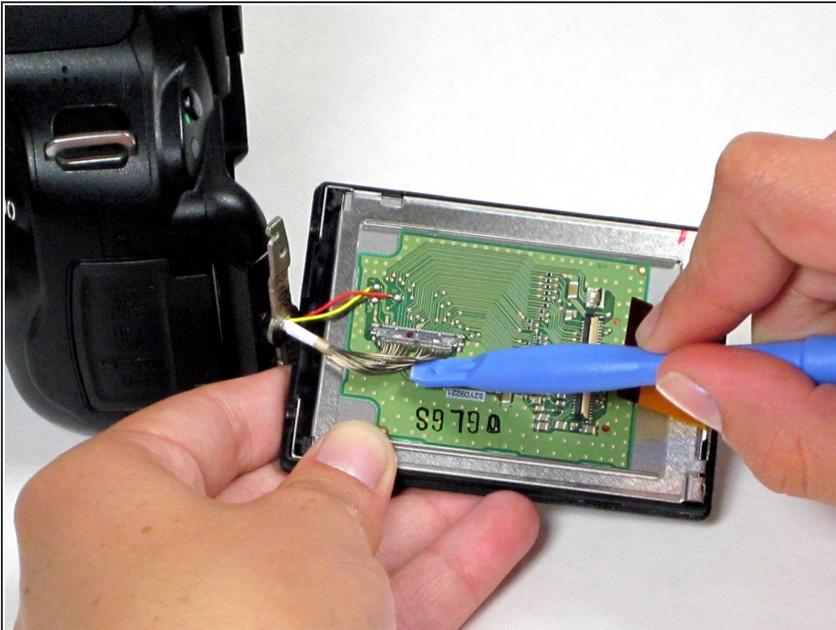
- Using a fingernail or the flat edge of a spudger inserted into the seam, separate the LCD bevel from the main panel body.

Step 3



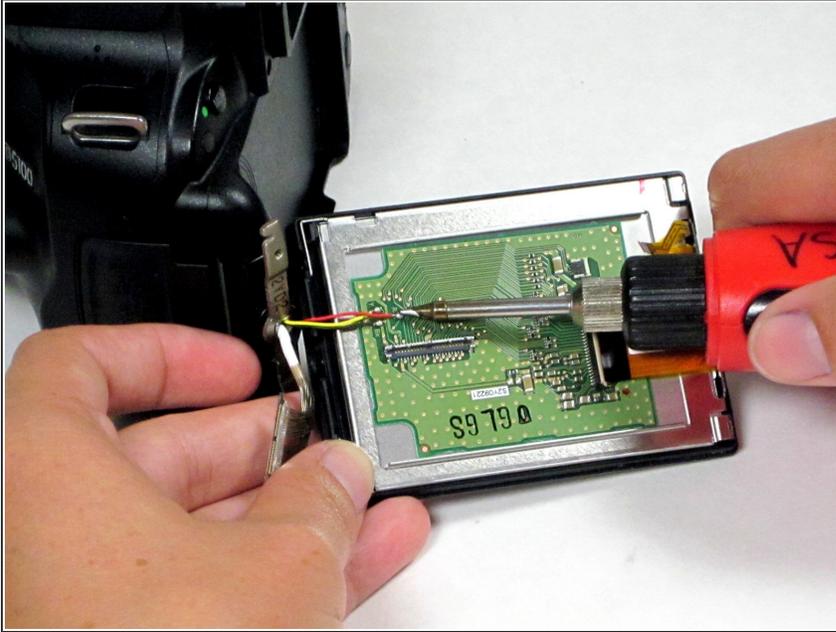
- Use a spudger to remove the ribbon cables on the LCD's circuit board by flipping up their plastic lock-bars and removing gently pulling them out of their ports.

Step 4



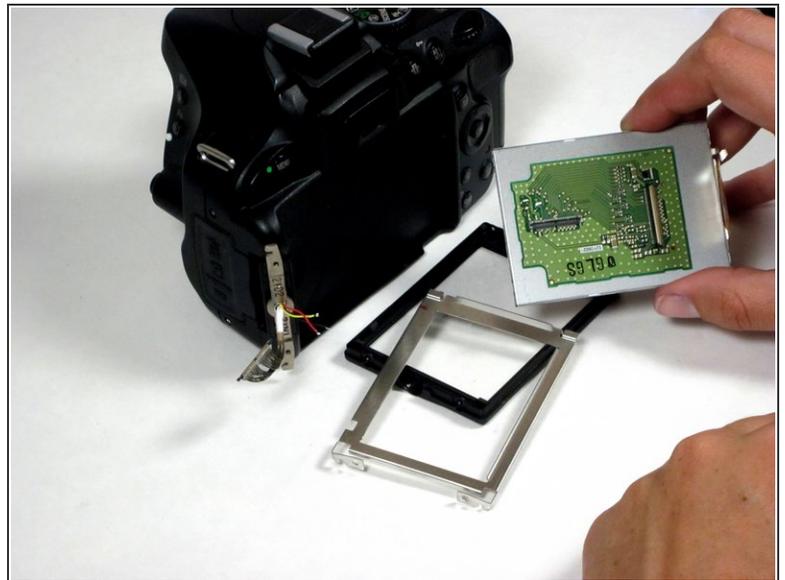
- Use a spudger to disconnect the 16-pin cable by gently pulling it upward, away from the circuit board, until it is removed from its port.

Step 5



- [Desolder](#) the 3 wires (red, yellow, and black) connecting the LCD board to the main camera body.
- ⚠ Soldering/desoldering presents potential for device damage and burns. Take all necessary precautions, and always solder/desolder in a well-ventilated workspace.

Step 6



- The LCD assembly can now be fully separated from the main camera body.
- Remove the plastic bezel and metal bracket from the LCD itself to complete the removal process.

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