



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 Iron](#) (1)

Step 1 — LCD



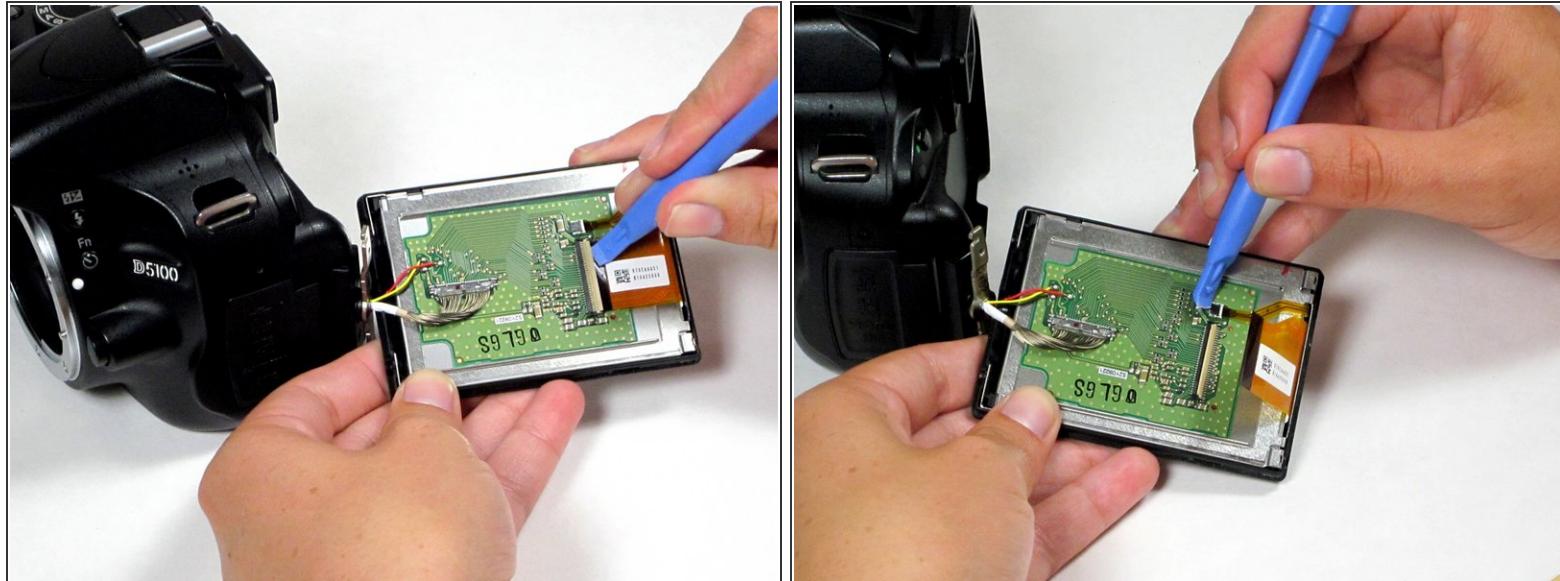
- Using a screwdriver, remove the four screws around the perimeter of the LCD panel.

Step 2



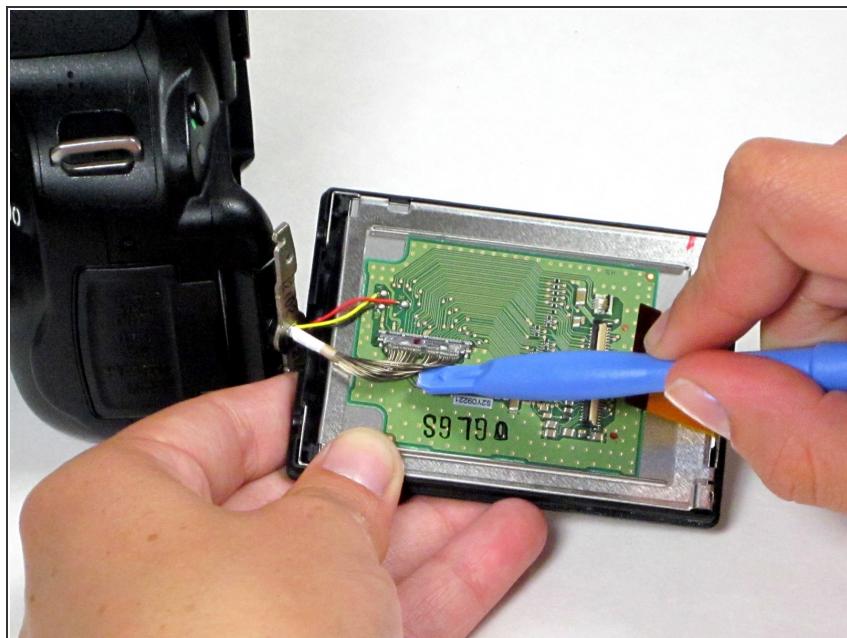
- Using a fingernail or the flat edge of a spudger inserted into the seam, separate the LCD bevel from the main panel body.

Step 3



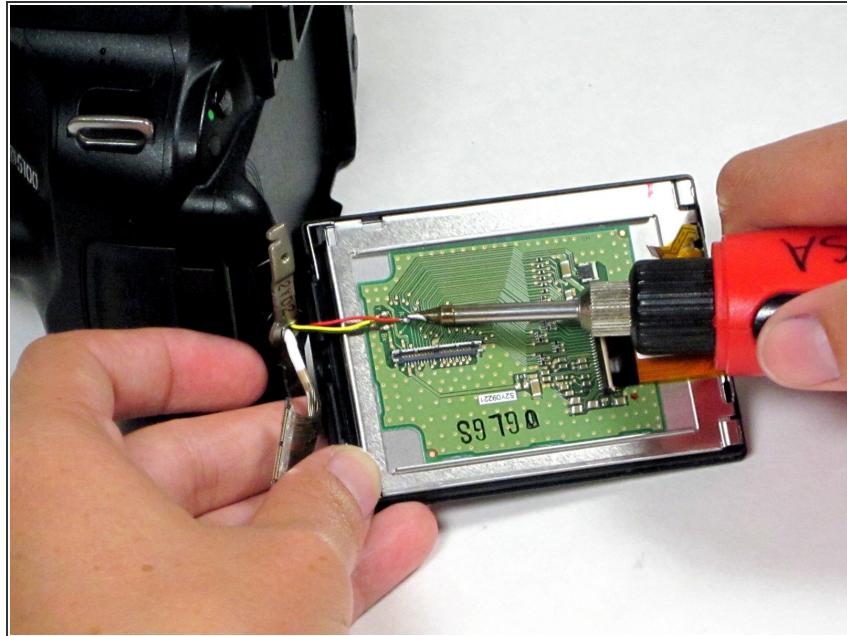
- Remove the ribbon cables on the LCD's circuitboard by flipping up their plastic clasps and removing it from their casing.

Step 4



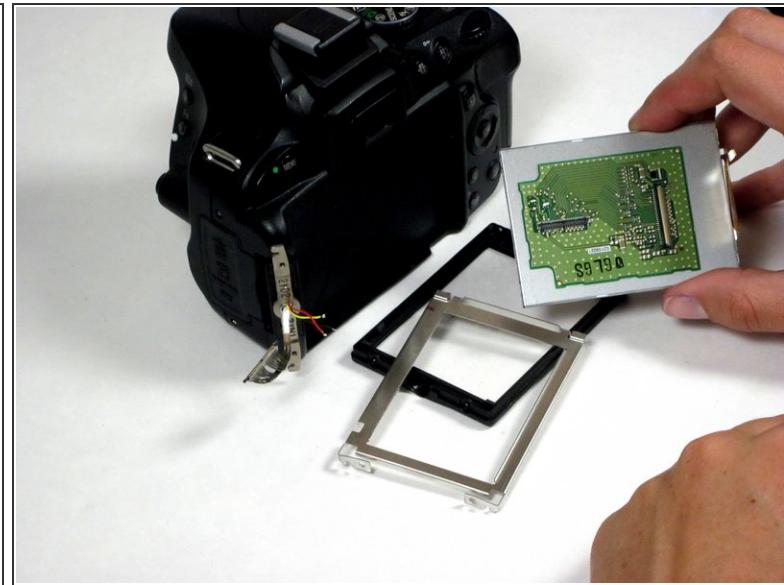
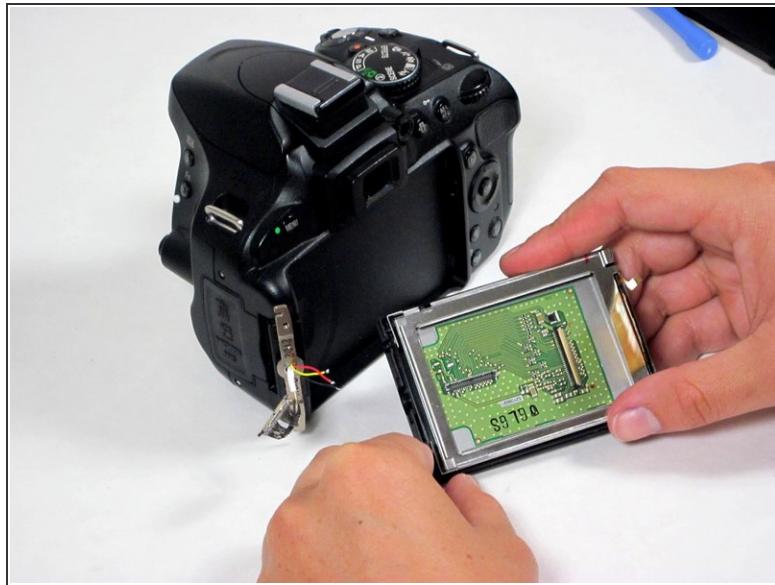
- Disconnect the 16-pin cable by gently pulling it upward, away from the circuitboard, until it is removed from its port.

Step 5



- Desolder the 3 wires (red, yellow, and black) connecting the LCD board to the main camera body.

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.