



Dell Inspiron n5050 Display Replacement

How to replace your broken display.

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INTRODUCTION

Replacing the display is difficult because there are delicate cables that need to be manipulated.

TOOLS:

- Spudger (1)
- Phillips #00 Screwdriver (1)

PARTS:

- Inspiron 15 (N5050) LCD (1)
- 15.6" PC Laptop LCD N156B6-L0B (1)

Step 1 — Battery



- Flip your laptop over to view the bottom and locate the two locks.

Step 2



- Slide the two locks away from each other.

(i) Sliding these locks will loosen the battery to allow removal.

Step 3



- Pull battery out of the laptop.
- *(i)* Your laptop's battery should be completely removed.

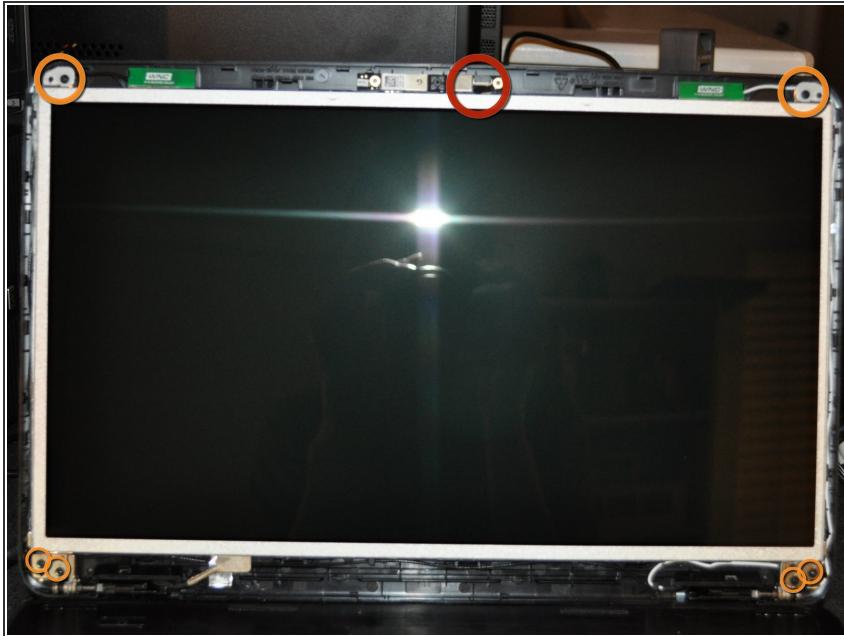
Step 4 — Display



- Flip laptop right side up and open
- Insert flat side of spudger gently along inside of screen and screen surround.
- Work your way around the screen carefully releasing the screen surround from the lid.

⚠ The screen surround is held in place by delicate plastic clips, so don't use too much force.

Step 5



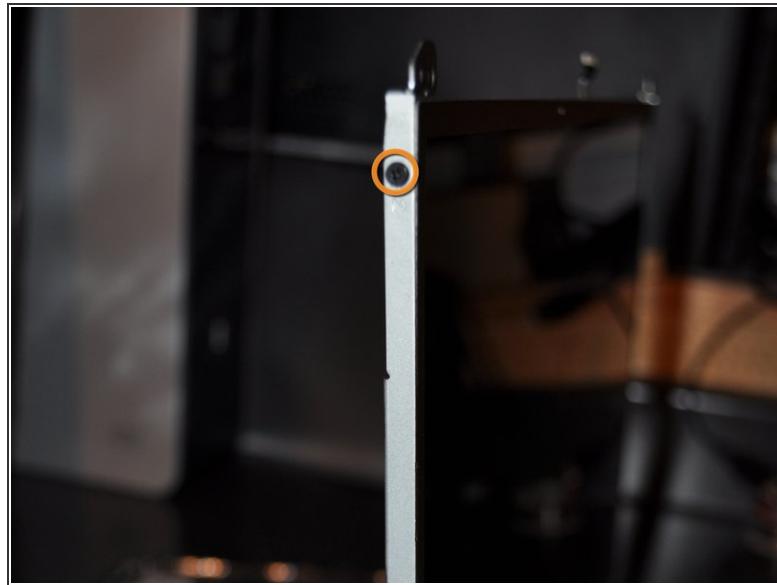
- Unplug the cable from the camera.
- Unscrew the six screws attaching the display support frame to the laptop lid. Lower lid to desk.
 - ⚠ The lid still has the WIFI antenna connected to it.
- When reassembling, plug the cable to the camera first, then screw in the lid.

Step 6



- Unplug the cable from the display.
 - ⚠ This cable has delicate wires that can easily break. It is glued to the back of the display, but can be carefully peeled away.
- The plug is held in on the sides with two clips. Gently pull on the each side of the cable to remove it from its connector.

Step 7



(i) For this part, it is easiest to use a magnetized screw driver.

- Unscrew display from display hinge/support bracket. There are two screws on each side.
 - Unscrew the bottom screws first.
 - Unscrew the top screws while holding onto the screen with your other hand so it doesn't fall.

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