Nintendo DSi LED Indicator Board Replacement

Use this guide to replace the three status LEDs...

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INTRODUCTION

Use this guide to replace the three status LEDs on the hinge of your DSi.

TOOLS:

Phillips #00 Screwdriver (1)
iFixit Opening Tool (1)
Spudger (1)
Tweezers (1)

PARTS:

Nintendo DSi LED Cable (1)

Step 1 — Battery Cover Removal





- Unscrew the two Phillips screws securing the battery cover to the lower case.
  ⓘ The screws remain captive to the battery cover.

- Grasp the battery cover and lift it out of the lower case.
  ⓘ If it's difficult to grasp, lightly tap the opposite side of the device.

Step 2 — Taking out the Battery





- Using a spudger tool (or your fingernail), lift up the battery from the top.

ⓘ The liquid damage indicator sits underneath the battery. Pry gently, or you may damage the indicator.

ⓘ There's a small tab on the top of the battery to make removal easier.

- Grasp the battery and remove it from the DSi.

Step 3 — Lower Case Assembly





- Two screws are hidden underneath two rubber feet highlighted in red.
- Use the tip of a spudger to pry the rubber feet out of the lower case.

ⓘ Depending on the age of your device, the rubber feet may crumble apart as you pry them out. If so, use a fine-tipped tool to scrape out any stuck pieces of rubber.

Step 4



- Remove the following screws securing the lower case to the body of the DSi:
  - Six 5.2 mm Phillips #00 screws.
  - One 2.7 mm Phillips #00 screw.

Step 5

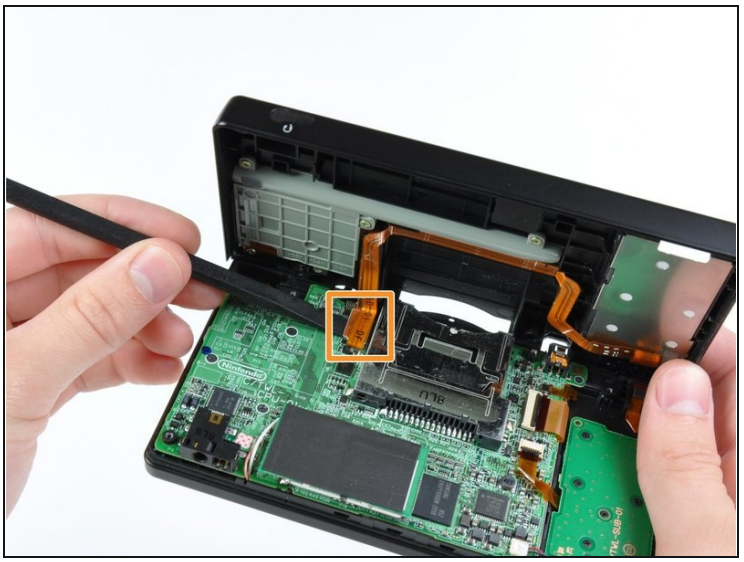




- Insert the spudger in between the lower casing and lower panel near the top right corner of the DSi.
- Carefully run the spudger along the edge of the outer casing, creating an opening between the body and the casing.
- Continue running the spudger around the body of the DSi until the majority of the lower case has been separated.

Step 6





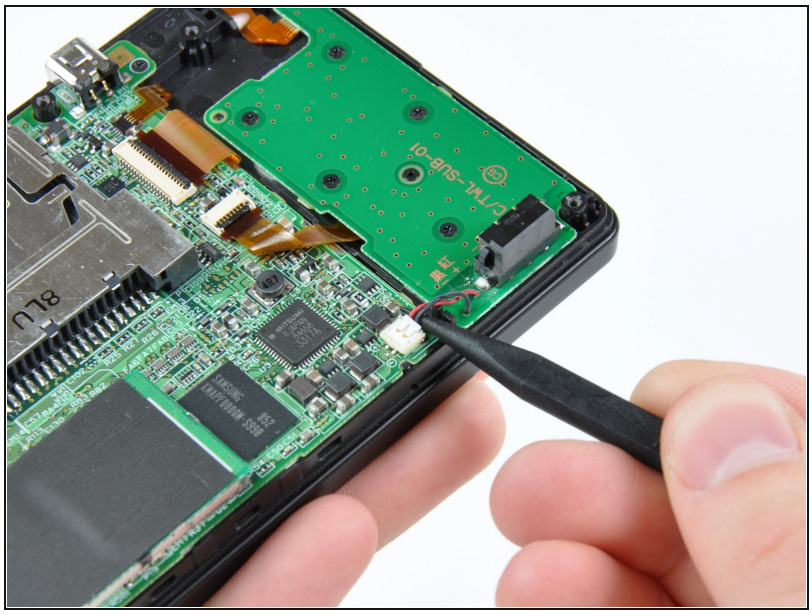
- Carefully lift the lower casing from its bottom edge.

⚠ The lower case is still attached to the motherboard by the volume and SD board cable highlighted in red. Do not try to completely remove the lower case of the DSi yet.

- Pry the volume and SD board cable up from its socket on the motherboard using a spudger.

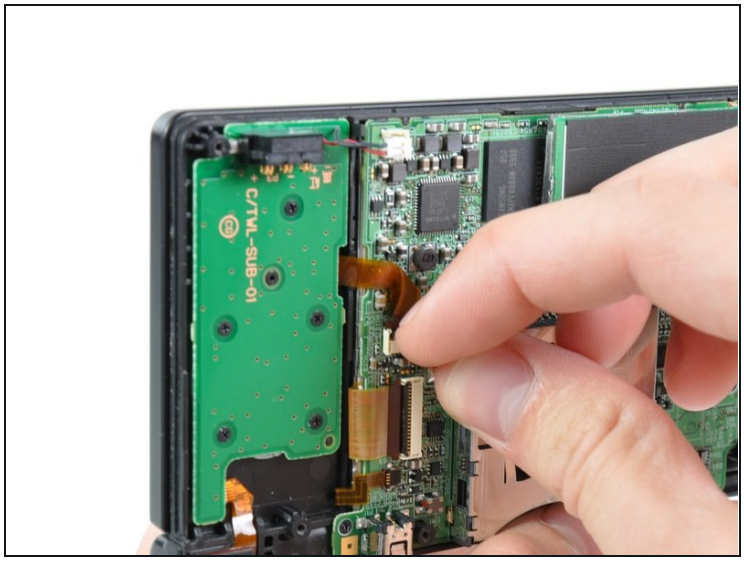
- Once the cable is completely removed, then you may take off the entire outer casing.

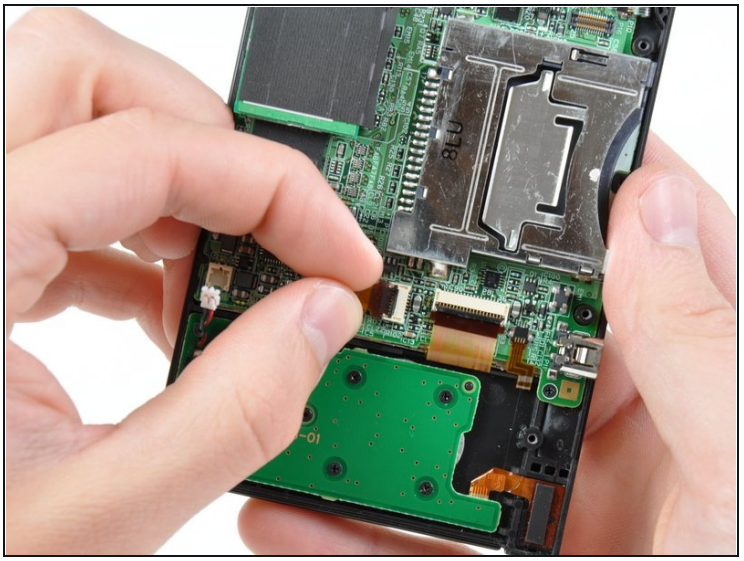
Step 7 — Power Board



- Use the tip of a spudger to pry the power board connector out of its socket on the motherboard.

Step 8



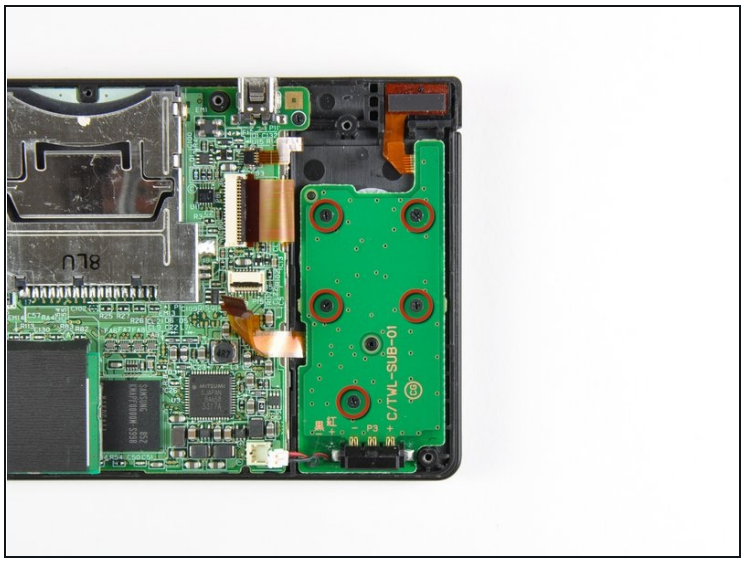


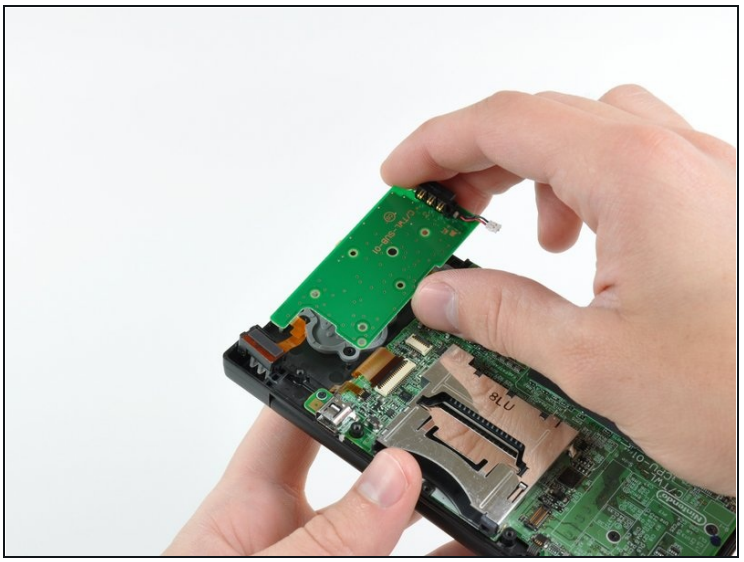
- Use your fingernail or the edge of a plastic opening tool to flip up the retaining flap on power board ZIF connector.

⚠ Be sure you are prying up on the hinged retaining flap, **not** the socket itself.

- After flipping up the locking tab on the socket, use your fingers or a pair of tweezers to gently pull the cable straight out of its socket.

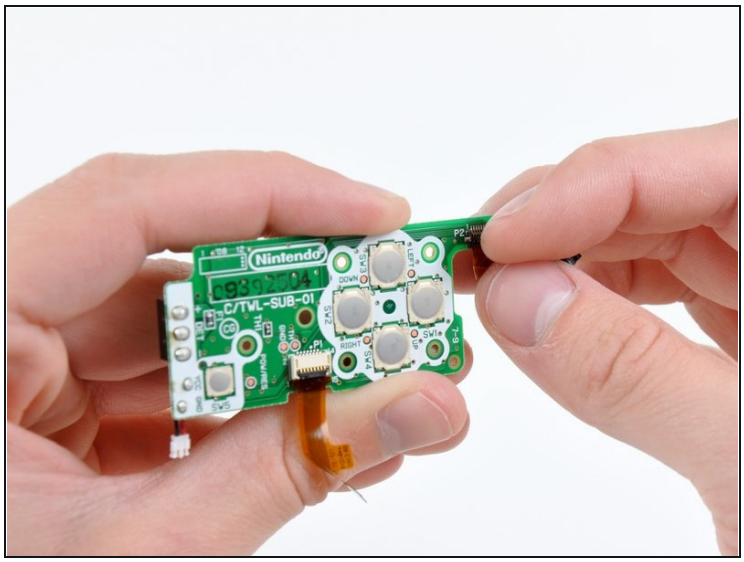
Step 9

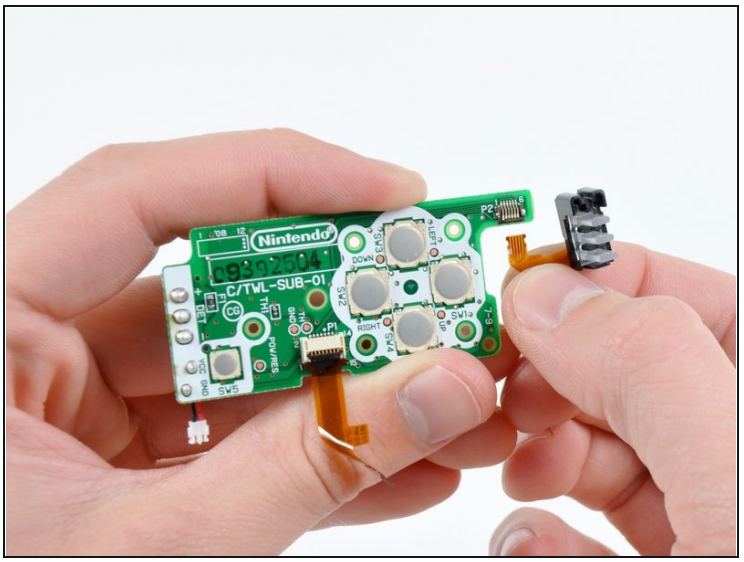




- Remove the five 2.6 mm Phillips screws securing the power board to the DSi's framework.
- Lift and remove the power board out of the DSi.

Step 10





- Use your fingernail or the edge of a plastic opening tool to flip up the retaining flap on LED indicator ZIF connector.

⚠ Be sure you are prying up on the hinged retaining flap, **not** the socket itself.

- After flipping up the locking tab on the socket, use your fingers or a pair of tweezers to gently pull the cable straight out of its socket.

ⓘ If necessary, transfer the power board ribbon cable to your new power board.

Step 11 — LED Indicator Board



- LED indicator board remains.

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