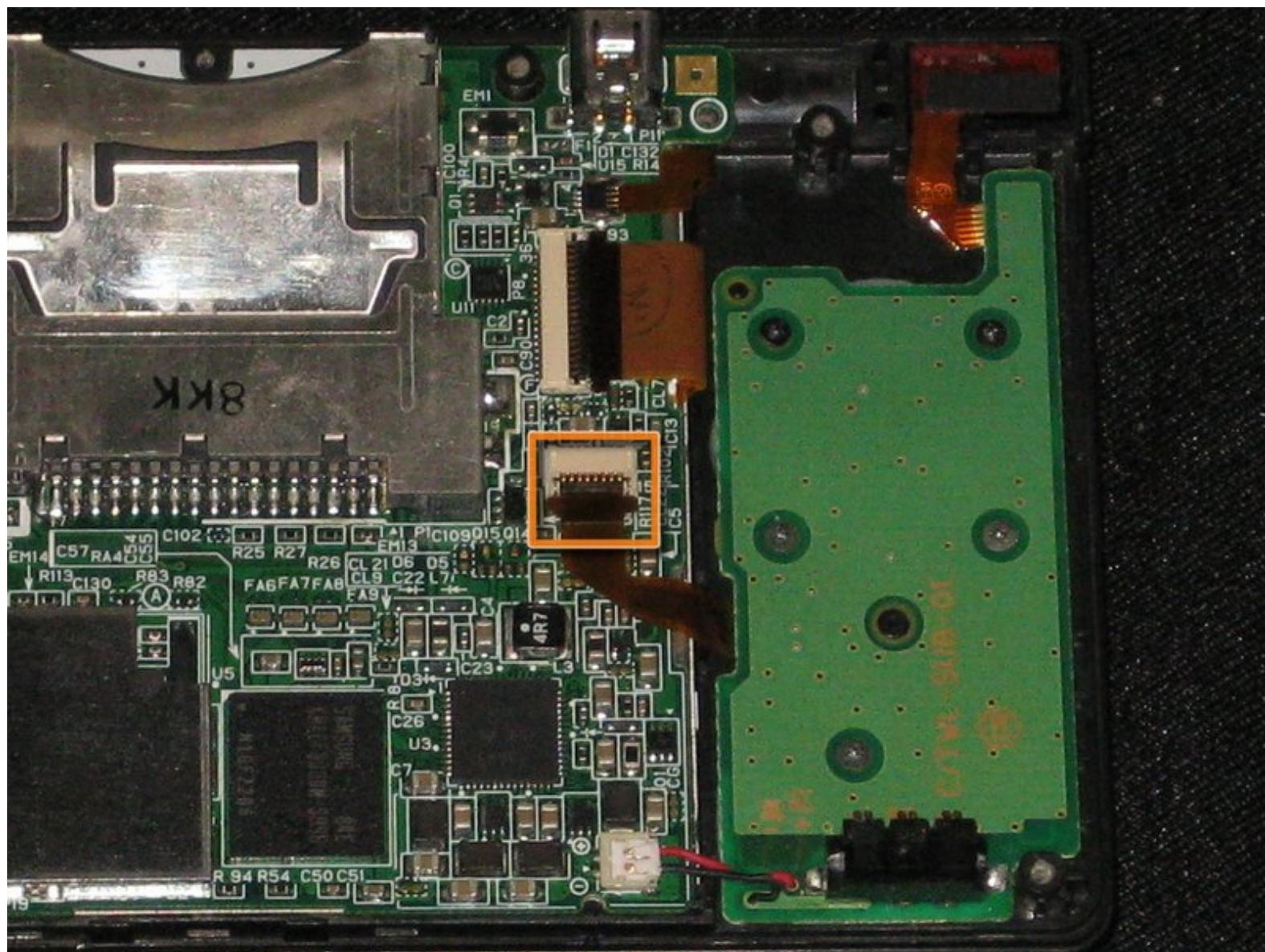




Disconnecting Nintendo DSi Battery Board

This guide shows how to disconnect the DSi Battery Board from the main board before doing other work.

Written By: bushing



INTRODUCTION

This guide has been updated by iFixit staff! Read the new, official guide [here](#).

TOOLS:

- Flathead 3/32" or 2.5 mm Screwdriver (1)
- Spudger (1)

Step 1 — Battery



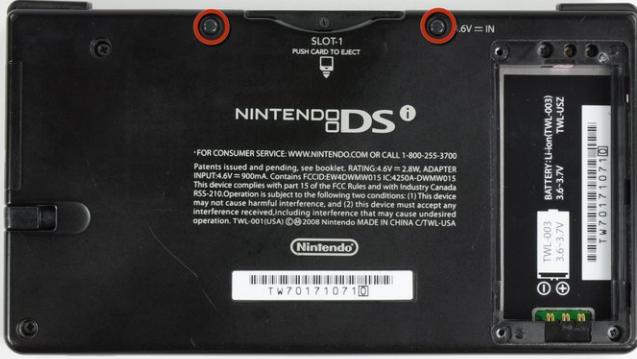
- Loosen the two screws on the battery panel. Then lift the panel up to remove it.

Step 2



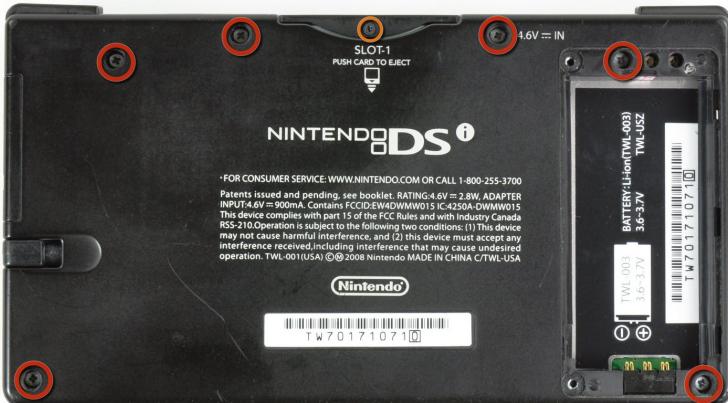
- L Button.
- Top of the battery pack.
- To remove the battery pack, place your fingernail or a spudger at the top of the battery near the L button. Gently lift the battery out.

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.

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



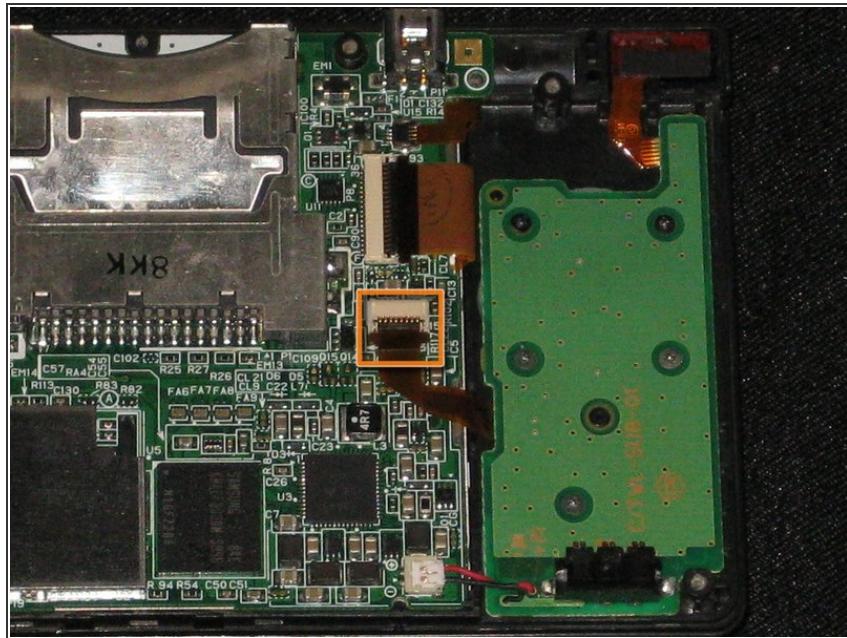
- Insert the spudger in between the lower casing and lower panel near the top right corner of the DSi.
- Carefully run the spudger along the edge of the outer casing, creating an opening between the body and the casing.
- Continue running the spudger around the body of the DSi until the majority of the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

Step 6



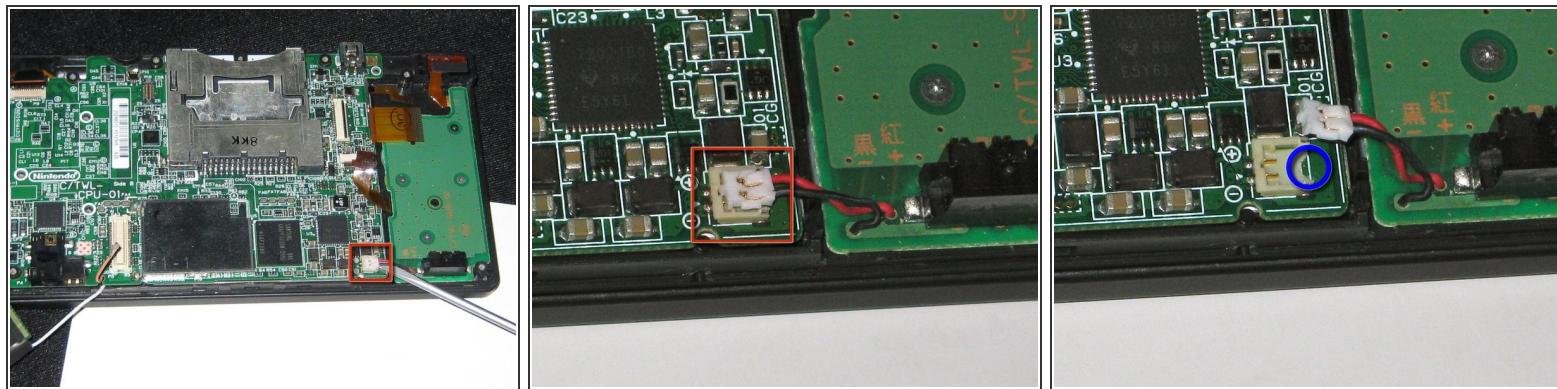
- Carefully lift the lower casing from its bottom edge.
- ⚠ The lower case is still attached to the motherboard by the volume and SD board cable highlighted in red. Do not try to completely remove the lower case of the DSi yet.
- Pry the volume and SD board cable up from its socket on the motherboard using a spudger.
- Once the cable is completely removed, then you may take off the entire outer casing.

Step 7 — Disconnecting Nintendo DSi Battery Board



- Flip up the black latch and disconnect the D-Pad/Power Button ribbon cable.

Step 8



⚠ The power connector (with red and black wires) is difficult to remove without damaging it, unless you take a moment and understand how it works. Look at all of the photos for this step before continuing.

- The connector is two pieces -- a white "male" piece (connected to the wires), and a beige "female" part (soldered to the main board).
- There is a small "notch" in the female part, to give you a place to insert a small flat-head screwdriver. Put the corner of your screwdriver in there, and twist it gently to push the white part up (away from the main board). Do not try to pull it to the right (towards the battery board).
- *(i)* If it does not lift easily, try again with a smaller screwdriver. You might be pulling the female connector off the board, which will be difficult to repair.

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