

# Nintendo DSi Dismantling Instructions



This tutorial will show you how to open the DSi console and completely dismantle to replace the TOP & Bottom LCD Screens, Touch screens, shells, switches, buttons etc.,

Opening of your console will void the manufacturer warranty, we are also not responsible for any parts broken during dismantling or assembly, and you do so at your own risk.



Two Phillips screws prevent access to the battery, unscrew and remove the battery.



There are a total of seven screws that hold the lower case of the DSi together. Three are immediately visible without removing any plug or cover. Two rubber feet/plugs near the top of the unit have to be removed to reveal two more screws. The inside battery compartment there two additional screws that need to be removed.



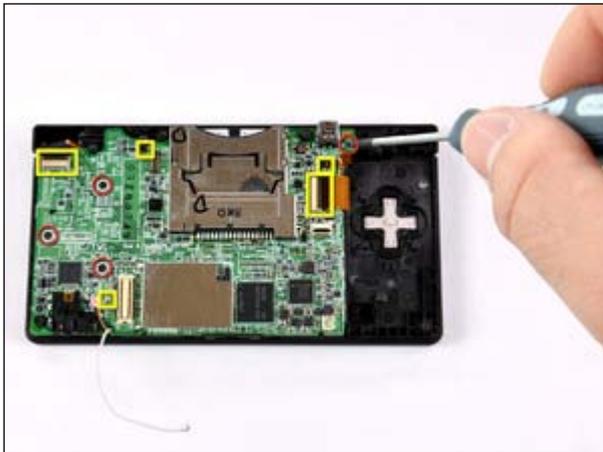
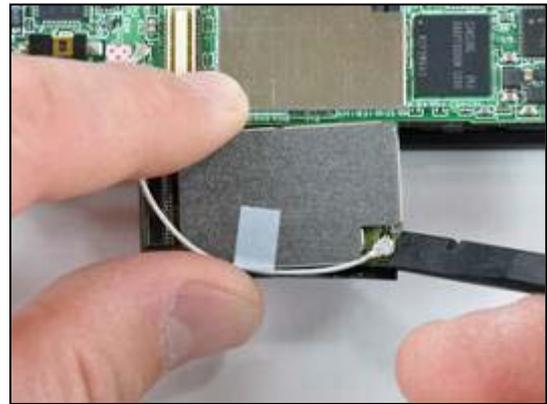
Now the bottom case shell can be removed, an orange connector joins the cases together. Care should be taken when opening the DSi to ensure this connector is not damaged in the process.



Removing the battery PCB is a pretty straightforward procedure, disconnect three connections and remove the five Phillips screws.



The Wi-Fi board is a push fit into the motherboard socket and pulls off easily, and don't forget to disconnect the Wi-Fi board's connector wire.



The main board comes off almost as easily as the battery PCB, remove the 4 Phillips screws circled and the six connectors, which need to be disconnected prior to removal. (5 on the visible side, and 1 on the other side).





Four plastic covers need to be removed to reveal the Phillips screws underneath. Removing the four Phillips screws allows access to the top display.

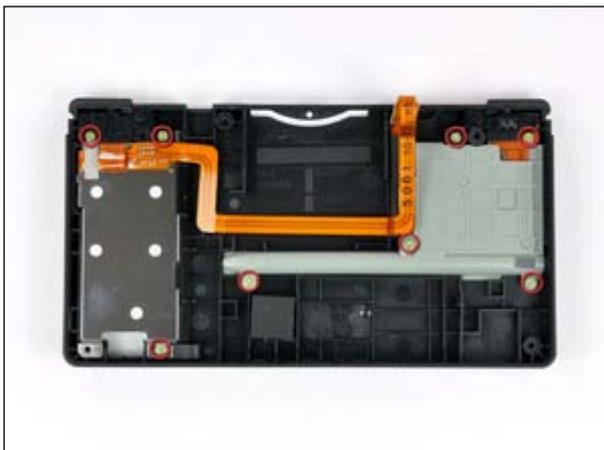


The upper half with outer case removed (photo left)  
The antenna board for Wireless LAN is mounted in the upper right corner of the chassis.

The ribbon cables for the top display and cameras are coiled and routed through the hinge between case halves. The thin orange wire seen in the second photo is for the microphone.



The DSi camera ribbon cable has two VGA CMOS digital cameras (0.3 megapixels); one on the internal hinge pointed towards the user and the other in the outer shell.



Eight Phillips screws secure the battery compartment and the stylus tray/SD/SDHC expansion slot to the case.