



Nintendo DSi XL Volume Control Switch Replacement

Volume Control Switch Replacement

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INTRODUCTION

Turn up the stereo sound on the DSi XL by replacing the volume control switch.



TOOLS:

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



PARTS:

- [Nintendo DSi XL Volume Control Switch](#) (1)

Step 1 — Battery



- Remove the two Phillips screws securing the battery cover to the back of the handheld console.
- Lift the battery cover off the back of the DSi XL.

Step 2



- Lift the battery from the DSi XL.

Step 3 — Lower Case



- Remove the four rubber screw covers on the lower case by prying them up with a push pin.

Step 4



- Remove the following seven Phillips screws that secure the lower case to the rest of the DSi XL:
 - Four silver 5.3 mm screws
 - Two black 5.3 mm screws
 - One black 2.5 mm screw

Step 5



i Turn the DSi XL over, and open the display.

- Insert a spudger between the upper and lower case at the bottom left corner of the DSi.
- Slide the spudger along the bottom edge of the upper case to release the latches securing the upper case to the lower case.

Step 6



- i** Close the display and turn the DSi XL over.

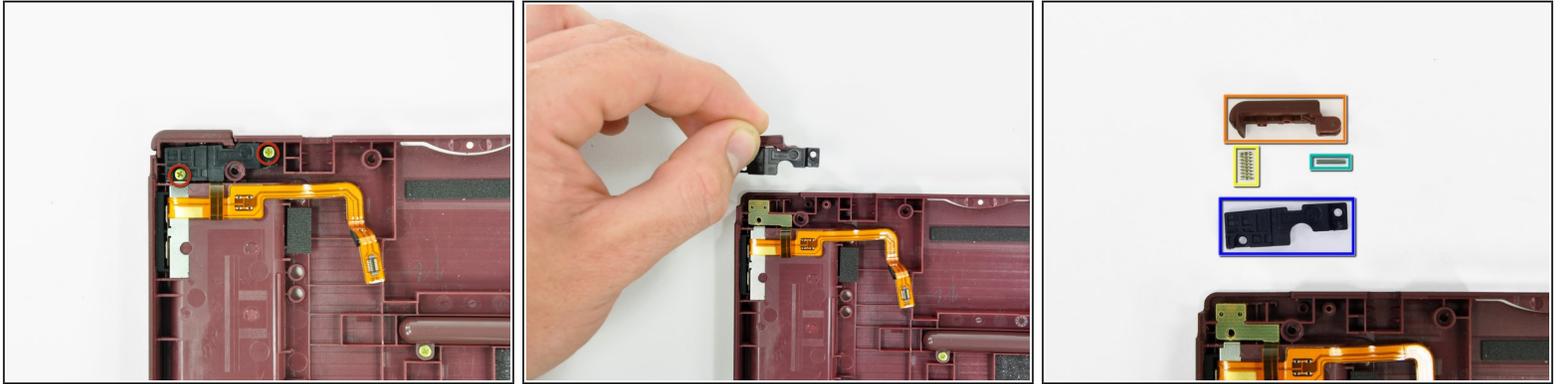
 - Lift the lower case from the front edge.
 - Rotate the lower case away from the DSi.
- i** The lower case cannot be completely removed yet, since it is still connected to the motherboard.

Step 7



- Using a spudger, pry the SD card/right shoulder button connector off its socket.
- Pry the volume button/left shoulder button connector off its socket on the motherboard with a spudger.

Step 8 — Left Shoulder Button



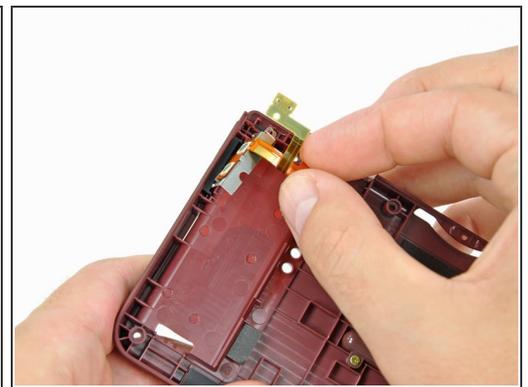
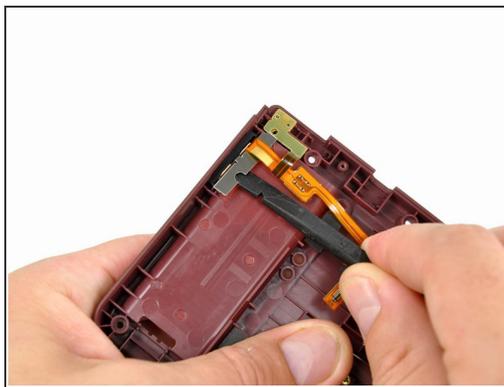
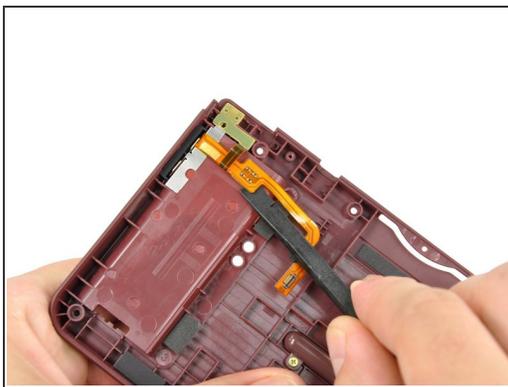
- Remove the two gold 4.0 mm Phillips screws securing the left shoulder button assembly to the lower case.
- Lift the left shoulder button assembly from the lower case.
- The components of the left shoulder button assembly:
 - Left shoulder button
 - Shoulder button spring
 - Retaining pin
 - Left shoulder button support panel

Step 9 — Volume Control Switch



- On the inside of the battery compartment, use the tip of a spudger to detach the metal latch securing the volume control switch in place.
- ☑ The latch will only move about 1 mm.

Step 10



- Using the flat end of a spudger, remove the adhesive securing the volume control switch ribbon cable to the back of the battery compartment.
- Using the flat of a spudger, pry the volume control switch straight up out of the lower case.
- Remove the volume control switch from the DSi XL.

Step 11



- Using the flat end of a spudger, remove the volume control buttons from the metal backing bracket.
- ⓘ The bracket is attached by a strong adhesive. Work slowly and carefully, being sure to not damage the ribbon cable.
- Volume control switch remains.

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