



Nintendo Switch Power and Volume Button Board Replacement

A free guide on how to replace the power and volume button board on a Nintendo Switch gaming console.

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INTRODUCTION

Follow this guide to replace the power and volume button board inside of a Nintendo Switch gaming console.



TOOLS:

- [Tri-point Y00 Screwdriver](#) (1)
- [JIS #000 Screwdriver](#) (1)
- [Spudger](#) (1)
- [ESD Safe Tweezers Blunt Nose](#) (1)



PARTS:

- [Nintendo Switch Power Button Board](#) (1)

Step 1 — Rear Panel



- Remove the four 6.3 mm Tri-point Y00 screws from the rear panel.

Step 2



- Remove the single 6.1 mm Phillips #000 screw from underneath the kickstand.

Step 3



- Remove the two 2.7 mm Phillips #000 screws from the bottom of the device.

Step 4



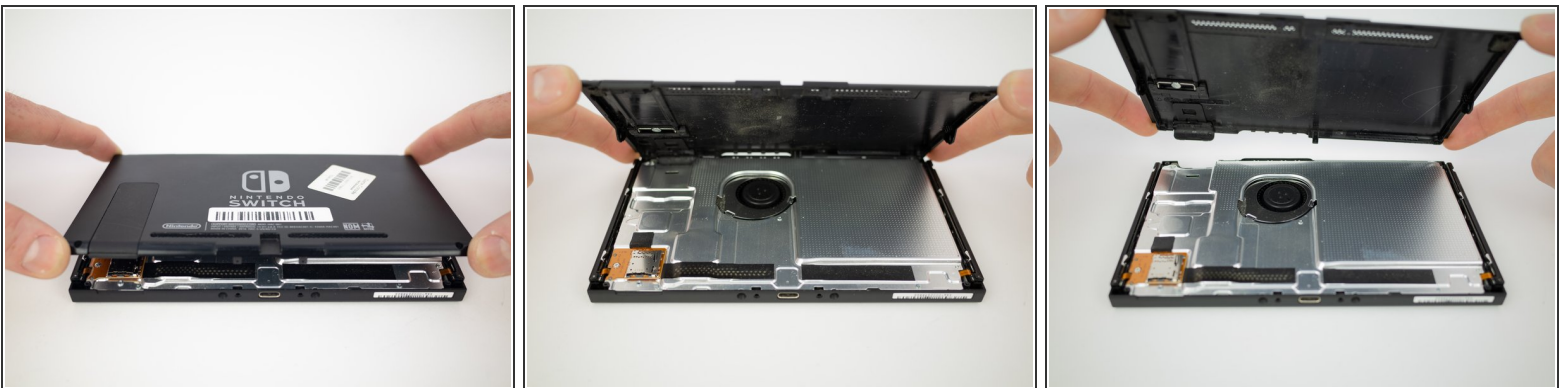
- Remove the single 2.7 mm Phillips #000 screw from the top of the device.

Step 5



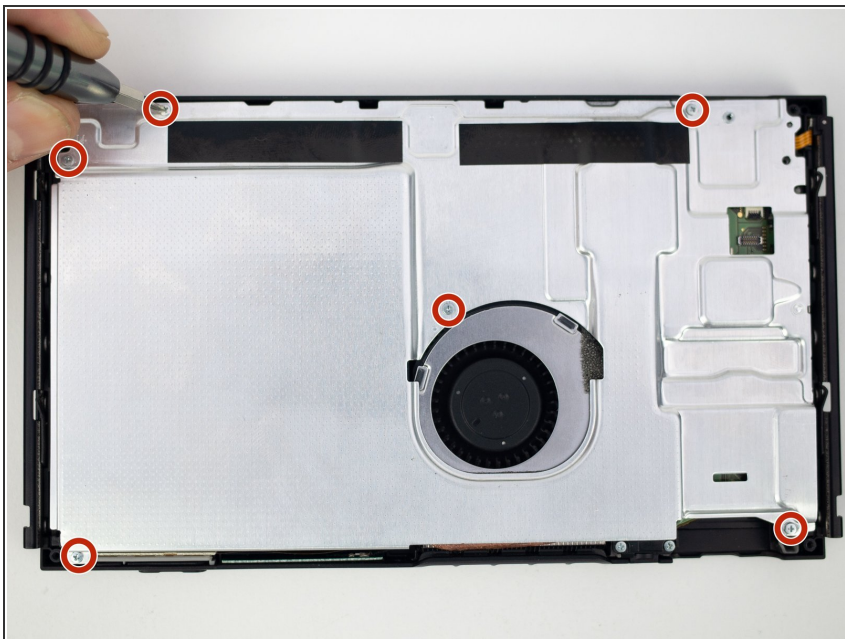
- Remove the single 3.8 mm Phillips #000 screw from the right Joy-Con rail.
- Remove the single 3.8 mm Phillips #000 screw from the left Joy-Con rail.

Step 6



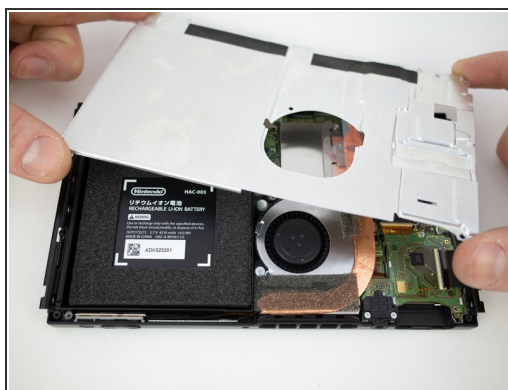
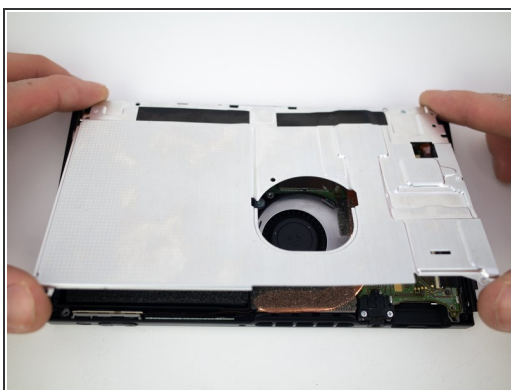
- Pull the rear panel up and off of the device.

Step 7 — Shield Plate



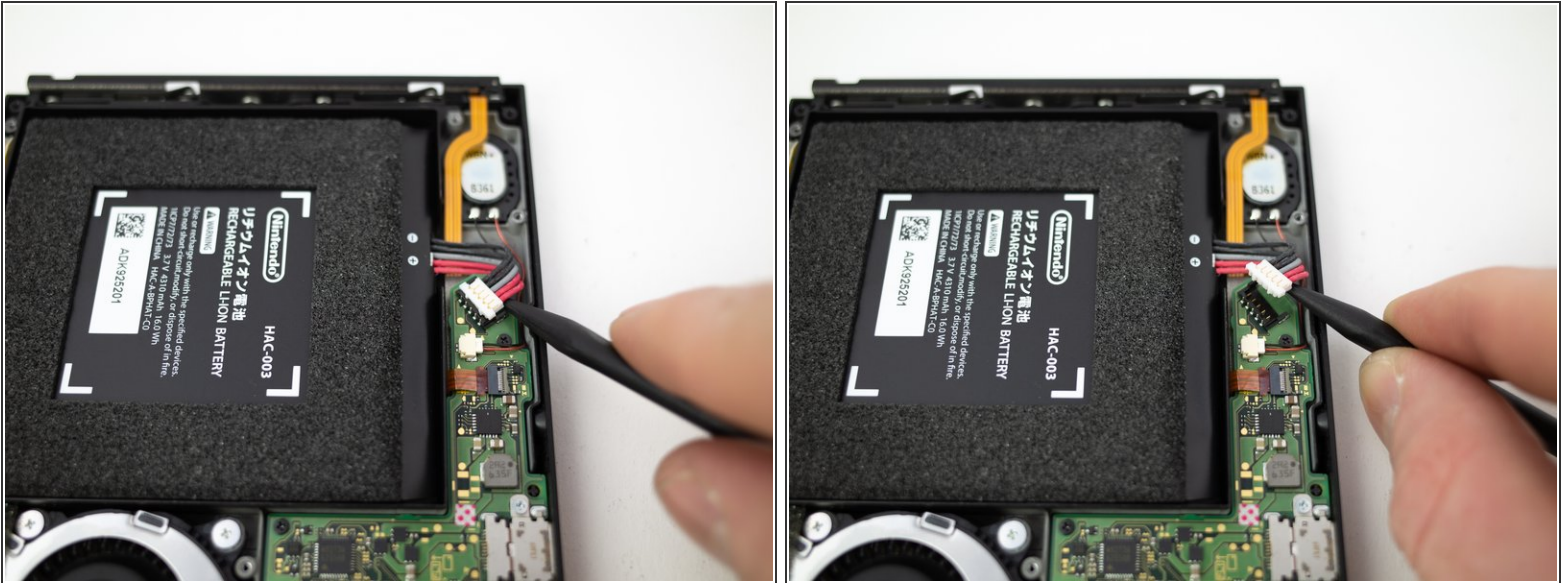
- Remove the six 3.1mm Phillips #000 screws from the shield plate.

Step 8



- Remove the shield plate from the device.
- ✦ A thick pink thermal compound bridges the gap between the shield plate and the copper heat sink underneath. For best results, whenever the shield plate is removed, refer to our [thermal paste guide](#) to remove the old thermal compound and replace it with an appropriate, thick compound such as [K5 Pro](#) during reassembly.

Step 9 — Battery Disconnect



- Insert the pointed end of a spudger underneath the white connector and pry upwards to disconnect the battery from the motherboard.

Step 10 — Heat Sink



- Remove the three 3.1mm Phillips #000 screws from the heatsink.

Step 11



- Pull the heatsink up 45 degrees and rotate it to the right to remove.

✦ Before reassembly, follow the [thermal paste guide](#).

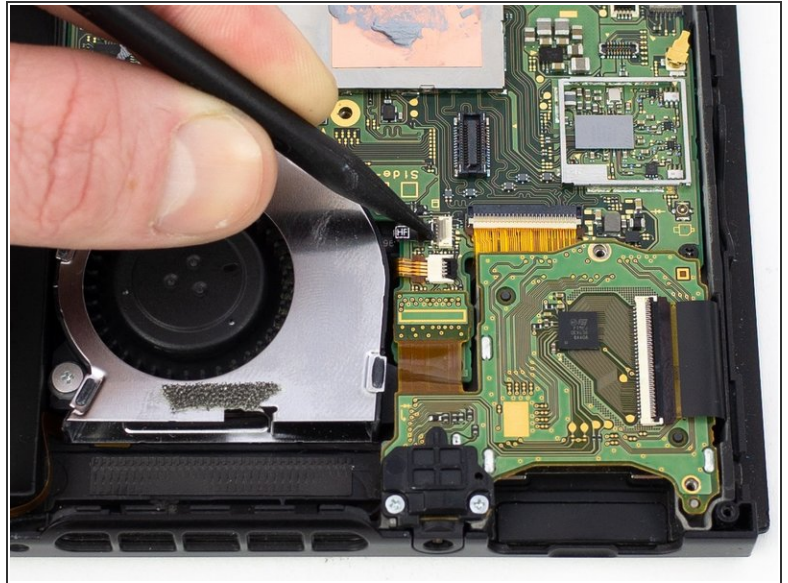
- Clean all the thermal paste off the underside of the heat sink using isopropyl alcohol (>90%) or Artic Silver ArctiClean.
- Clean and **replace** the thermal paste on the processor cover.

Step 12 — Fan



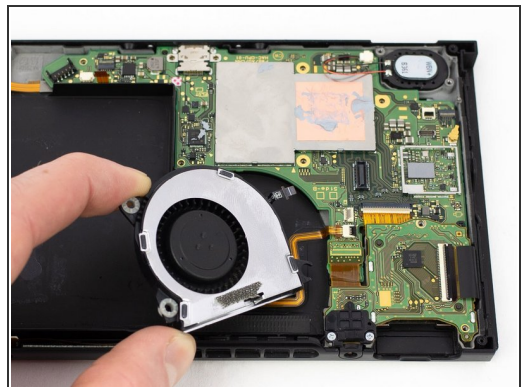
- Remove the two 4.8mm JIS #000 screws from the fan.

Step 13



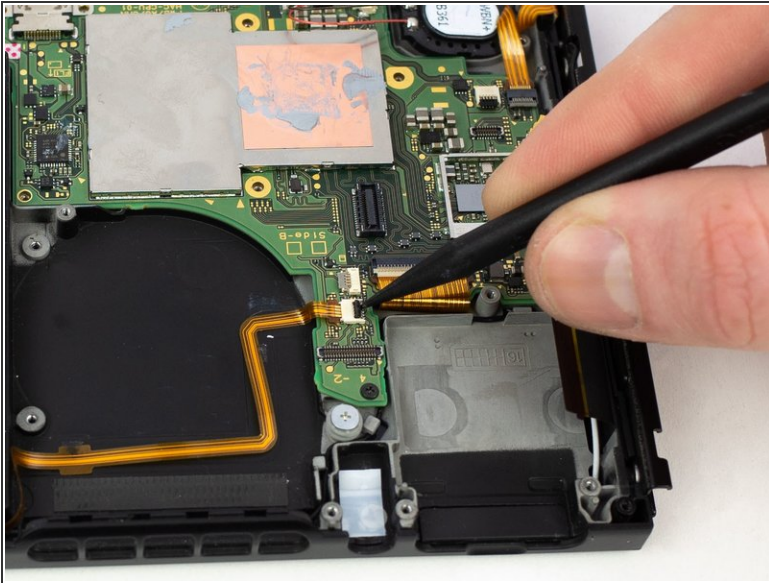
- Use a spudger to flip up the small gray locking flap on the fan [ZIF](#) connector.

Step 14



- Lift the left side of the fan out of its recess and rotate it 15 degrees towards you.
- Pull the fan out and away from you to unhook it from the rubber grommet.

Step 15 — Power and Volume Button Board



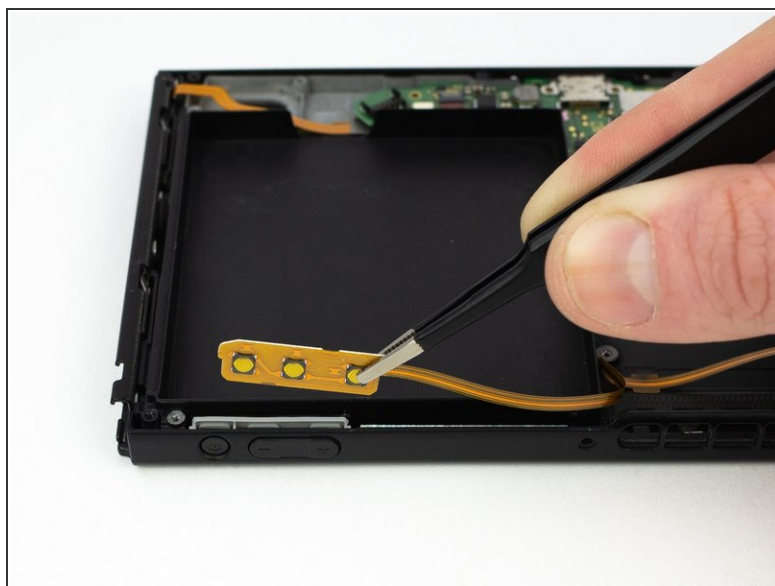
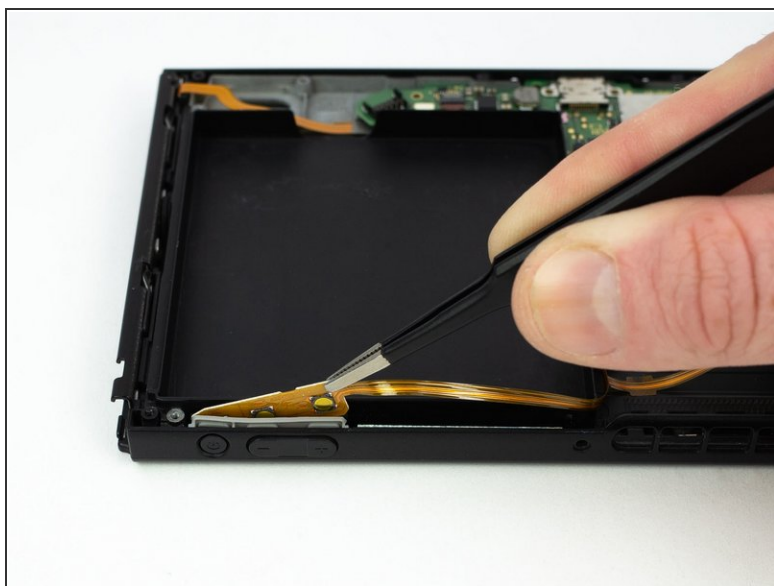
- Use a spudger to flip up the small black locking flap on the power/volume ribbon cable [ZIF](#) connector.

Step 16



- Use the flat end of a spudger to pry up the tapped down power/volume ribbon cable.

Step 17



- Remove the power/volume board with a pair of blunt nose tweezers.

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