



Nintendo Switch Shield Plate Replacement

A free guide showing how to replace the heat shield plate in a Nintendo Switch video game console.

Written By: Blake Klein



INTRODUCTION

Follow this guide to replace the heat shield plate in a Nintendo Switch gaming console.

TOOLS:

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

PARTS:

- [Nintendo Switch Shield Plate \(1\)](#)

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



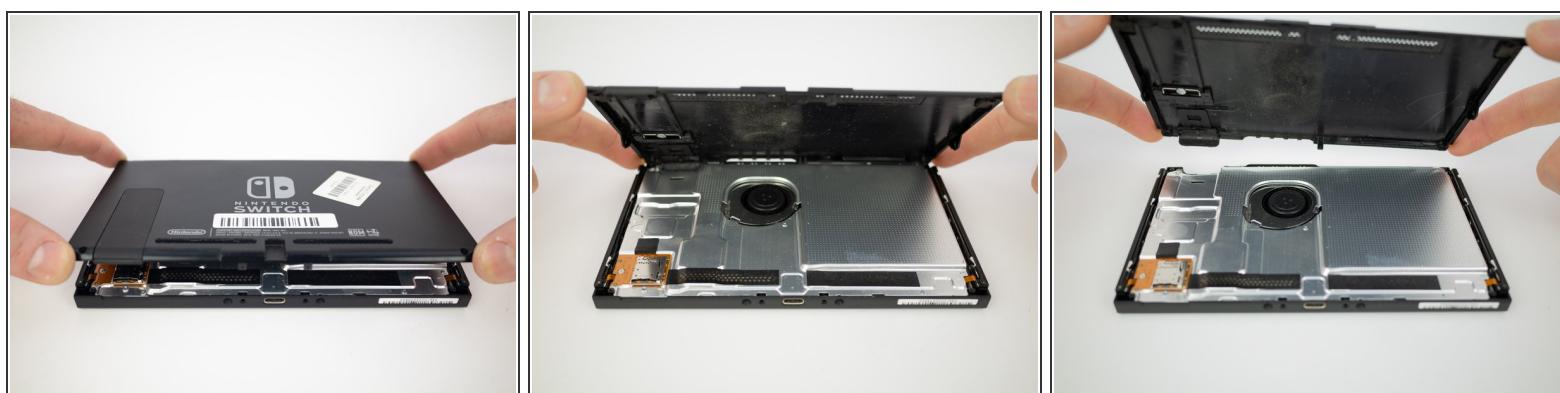
- Remove the single 2.7 mm Phillips #000 screw from the top of the device.

Step 5



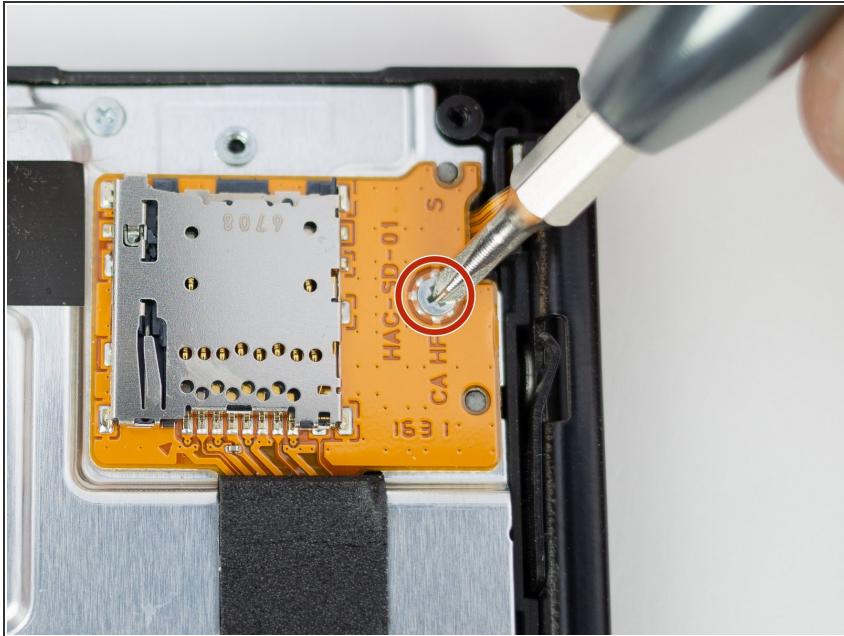
- Remove the single 3.8 mm Phillips #000 screw from the right Joy-Con rail.
- Remove the single 3.8 mm Phillips #000 screw from the left Joy-Con rail.

Step 6



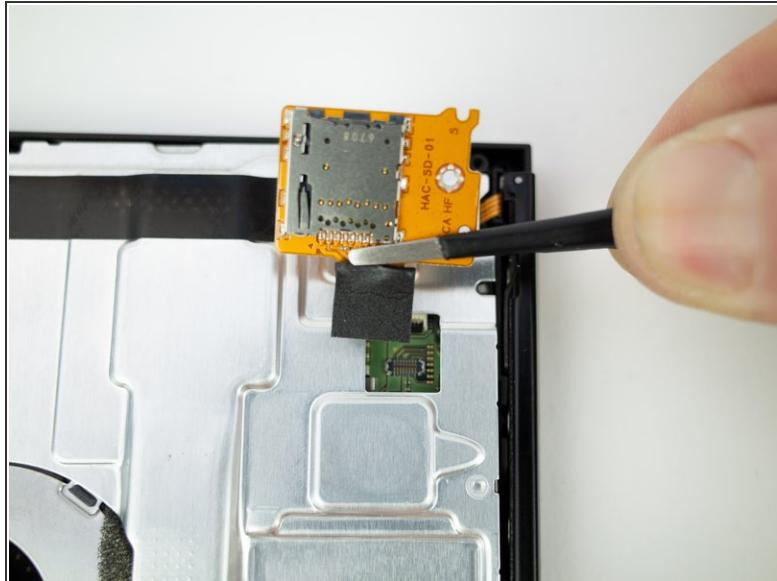
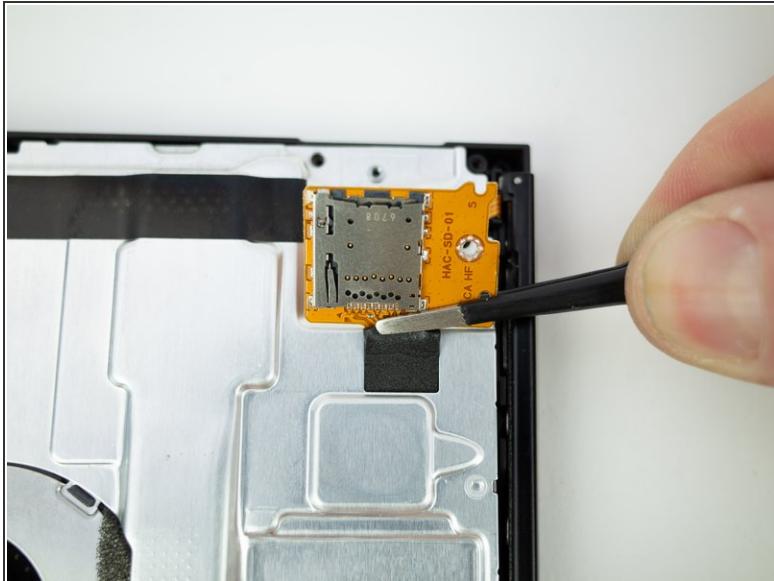
- Pull the rear panel up and off of the device.

Step 7 — Micro SD Card Reader



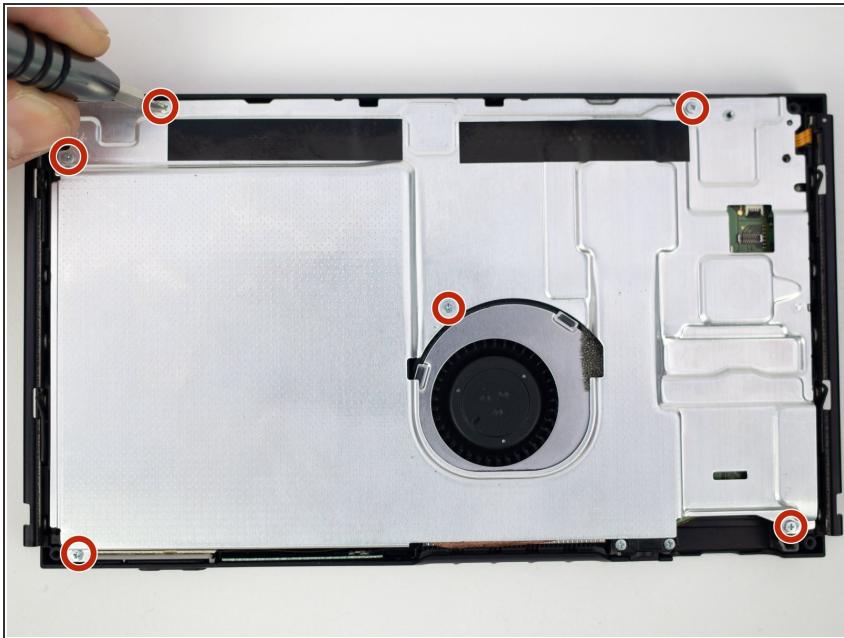
- Remove the single 3.1 mm Phillips screw from micro SD card board.

Step 8



- Gently lift the micro SD card board straight up, away from the Switch to disconnect and remove it.
- During reassembly, line up the micro SD card board and lightly press on the foam pad until the press connector snaps into place to reconnect it.

Step 9 — Shield Plate



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

Step 10



- 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.

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