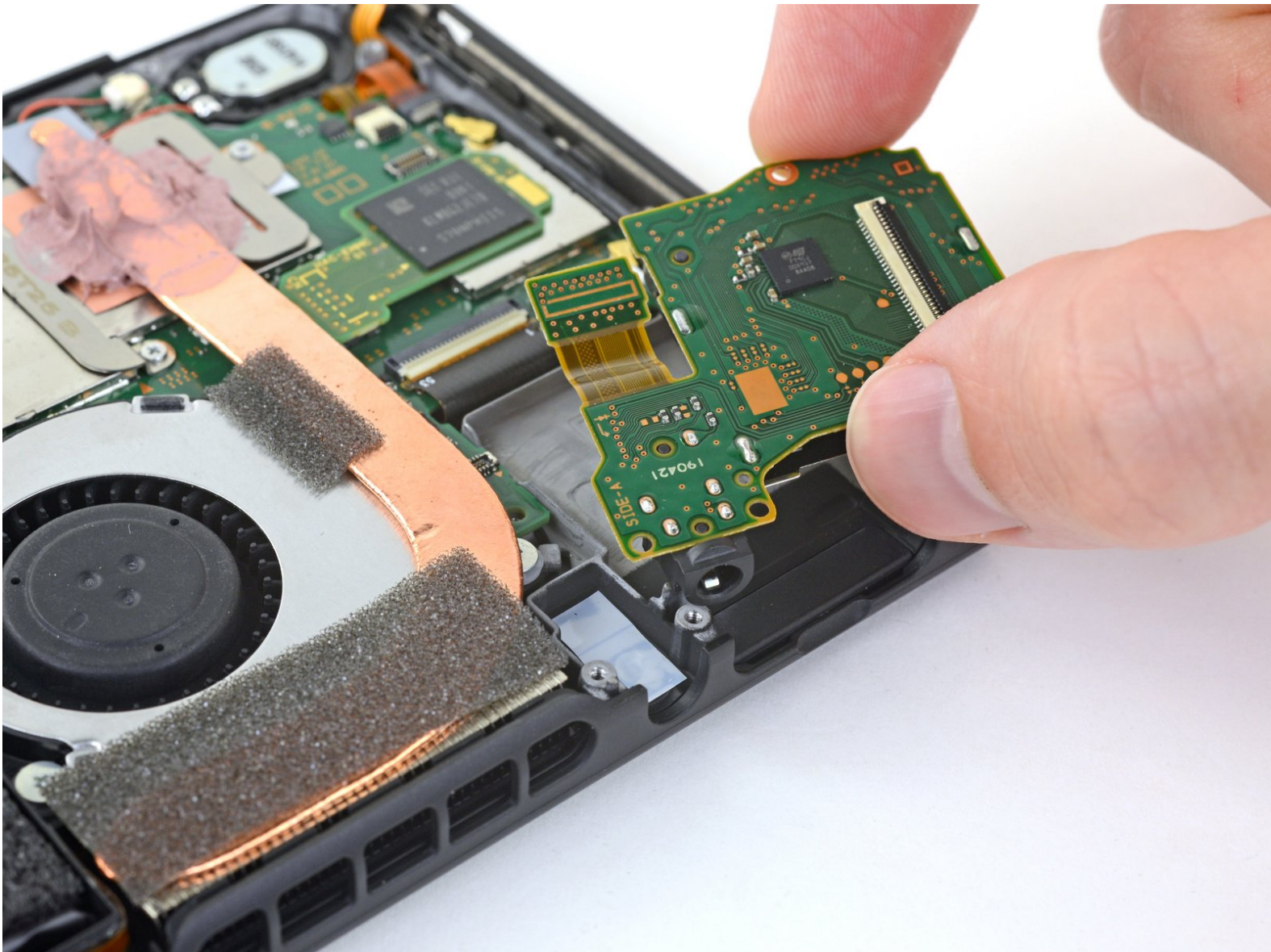




Nintendo Switch Headphone Jack and Game Card Board Replacement

A free guide on how to replace the 3.5mm headphone jack and game card reader board in a Nintendo Switch gaming console.

Written By: Blake Klein



INTRODUCTION

Follow this guide to replace the 3.5mm headphone jack and game card reader board in a Nintendo Switch gaming console.



TOOLS:

- [Tri-point Y00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Coffee Filters or a lint-free cloth](#) (1)
- [Isopropyl Alcohol](#) (1)
- [K5-PRO Viscous Thermal Paste](#) (1)



PARTS:

- [Nintendo Switch Headphone Jack and Game Card Reader 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



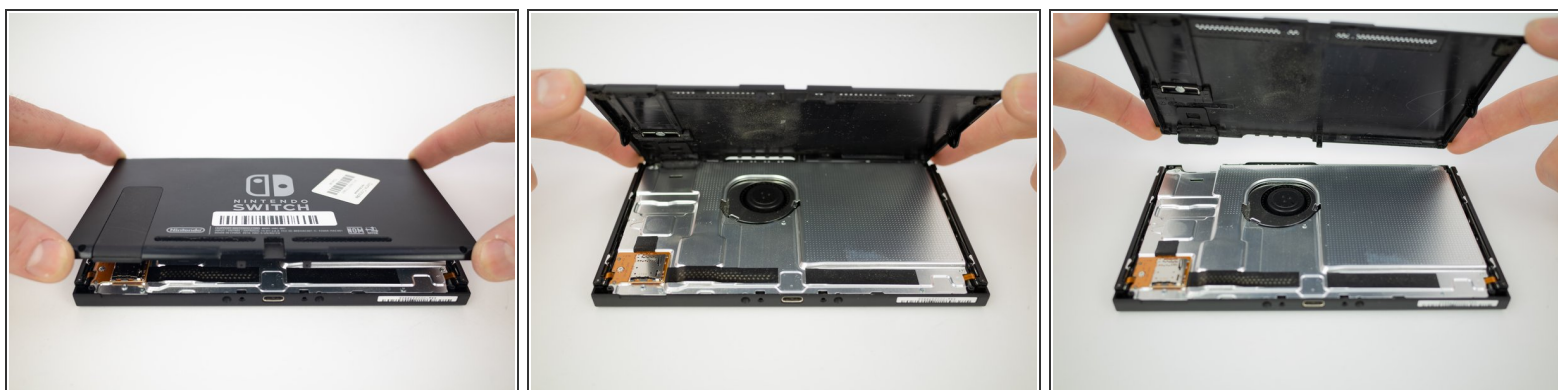
- Remove the single 2.7 mm Phillips #000 screw from the top of the device.

Step 5



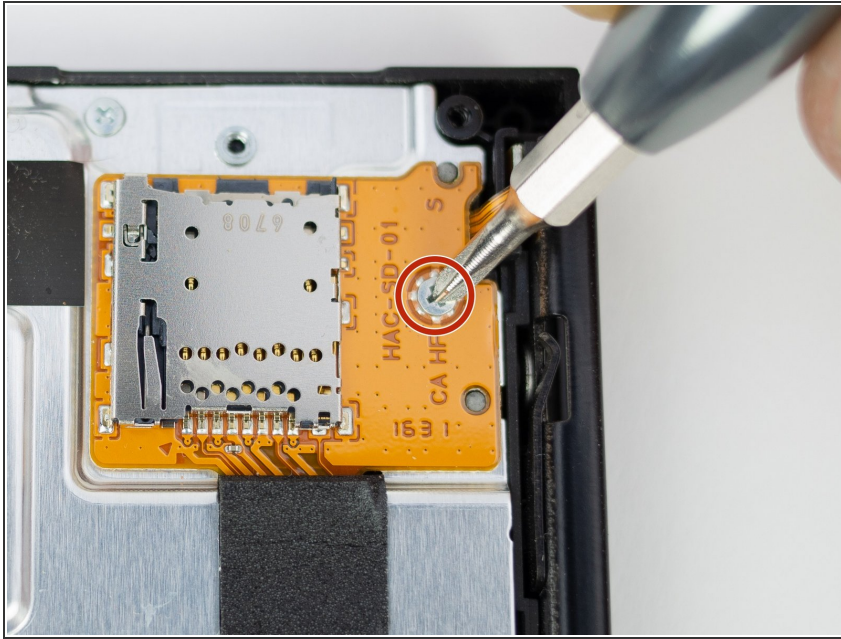
- Remove the single 3.8 mm Phillips #000 screw from the right Joy-Con rail.
- Remove the single 3.8 mm Phillips #000 screw from the left Joy-Con rail.

Step 6



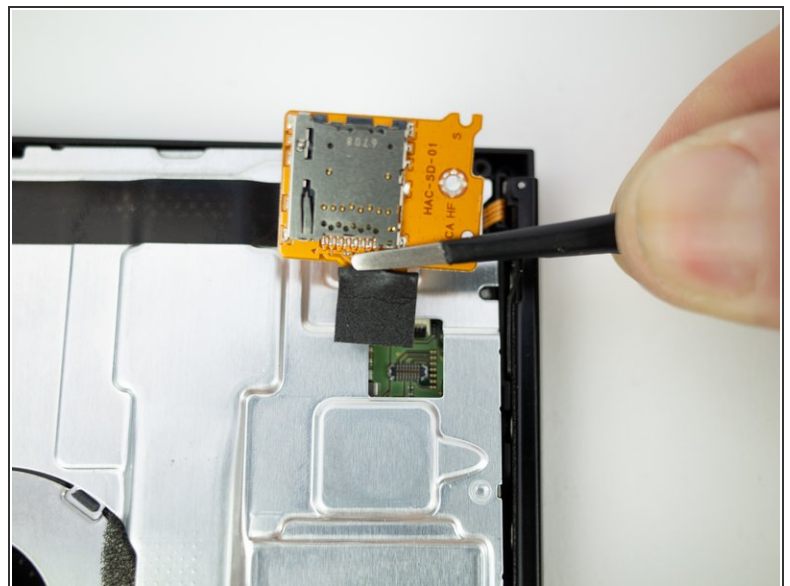
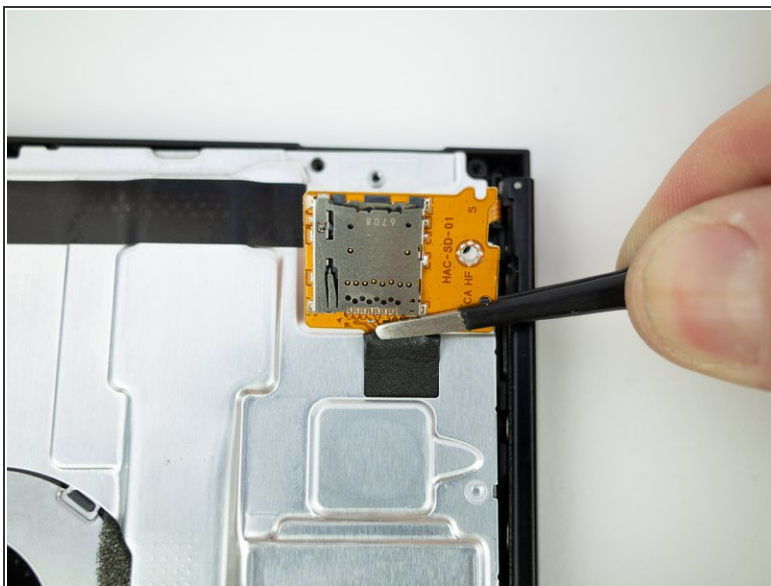
- Pull the rear panel up and off of the device.

Step 7 — Micro SD Card Reader



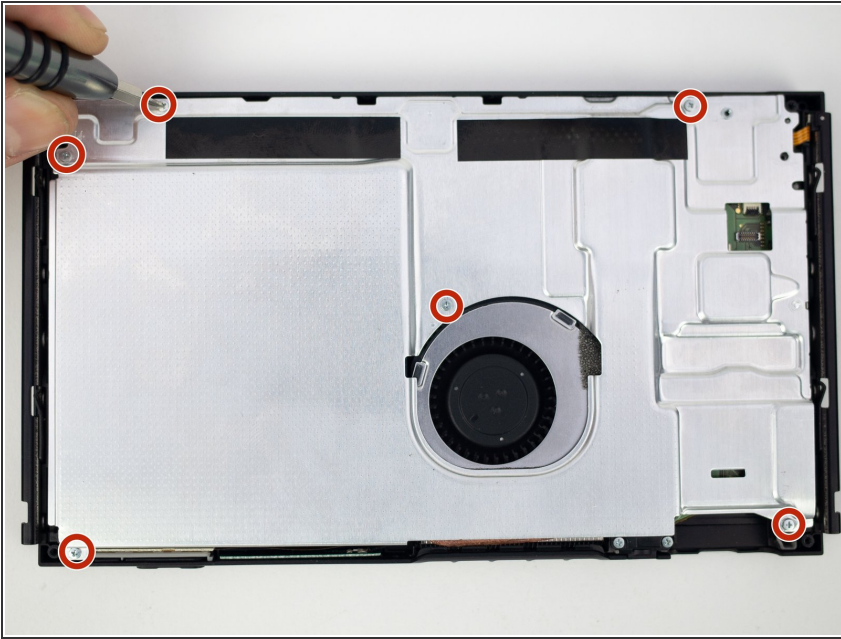
- Remove the single 3.1 mm Phillips screw from micro SD card board.

Step 8



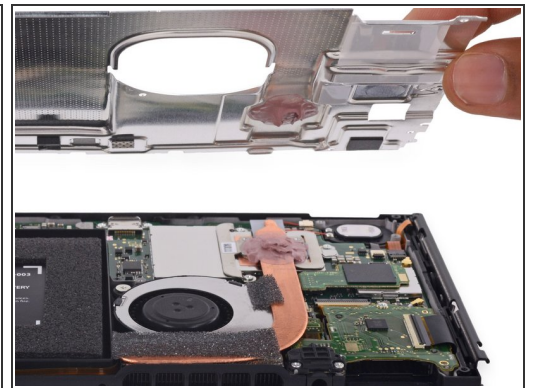
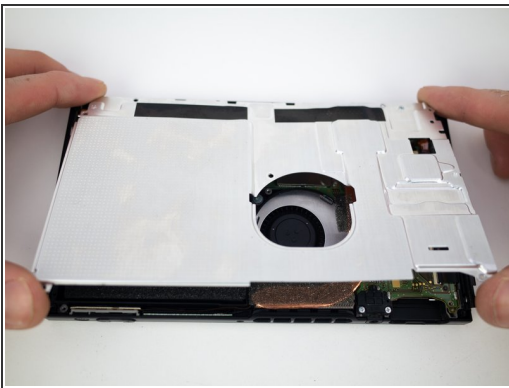
- Gently lift the micro SD card board straight up, away from the Switch to disconnect and remove it.
- ☒ During reassembly, line up the micro SD card board and lightly press on the foam pad until the press connector snaps into place to reconnect it.

Step 9 — Shield Plate



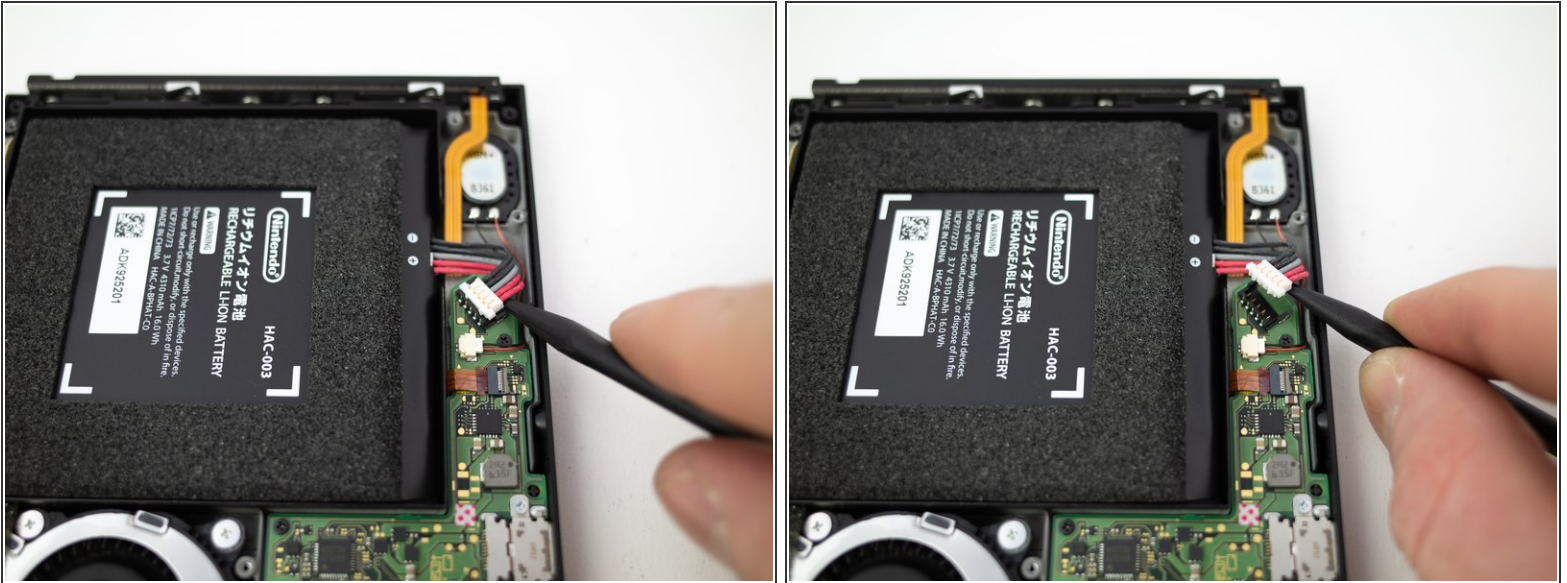
- Remove the six 3.1mm Phillips #000 screws from the shield plate.

Step 10



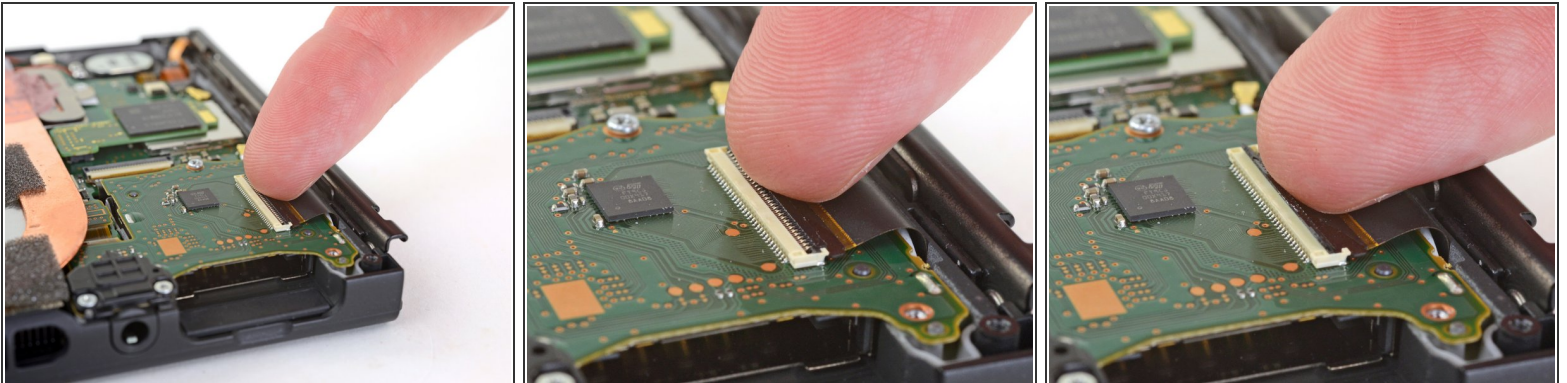
- Remove the shield plate from the device.
- ✦ A thick pink thermal compound bridges the gap between the shield plate and the copper heat sink underneath. For best results, whenever the shield plate is removed, refer to our [thermal paste guide](#) to remove the old thermal compound and replace it with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

Step 11 — Battery Disconnect



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

Step 12 — Headphone Jack and Game Card Board



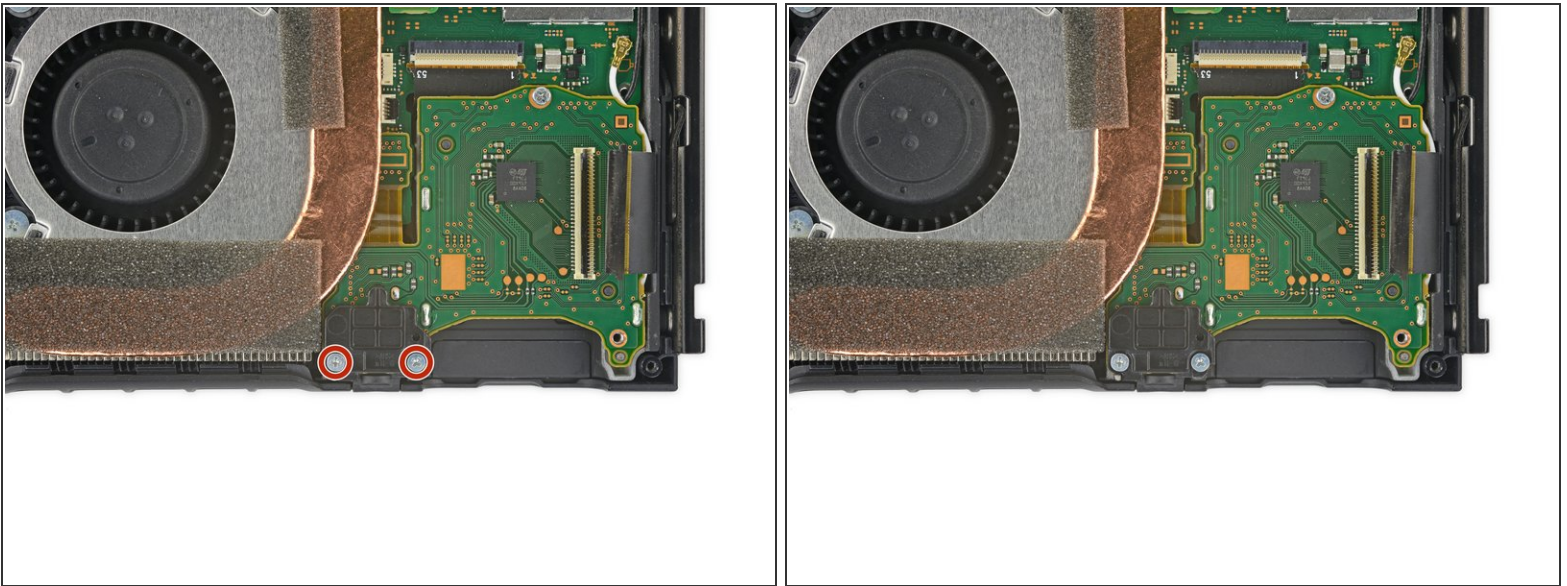
- Use a clean fingernail to flip open the lock on the game card reader [ZIF connector](#) by prying it straight up.

Step 13



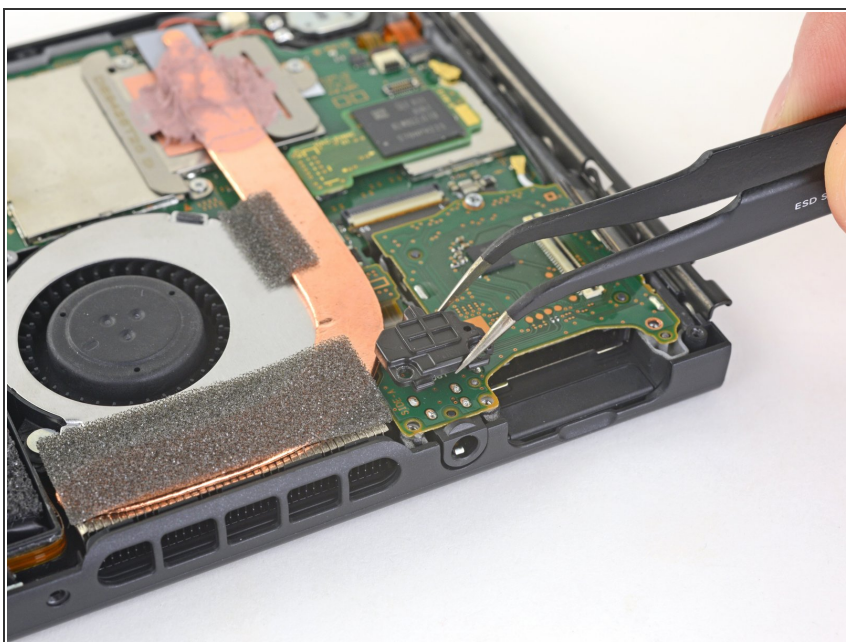
- Use the tip of a spudger to gently slide the game card reader ribbon cable out of its socket.

Step 14



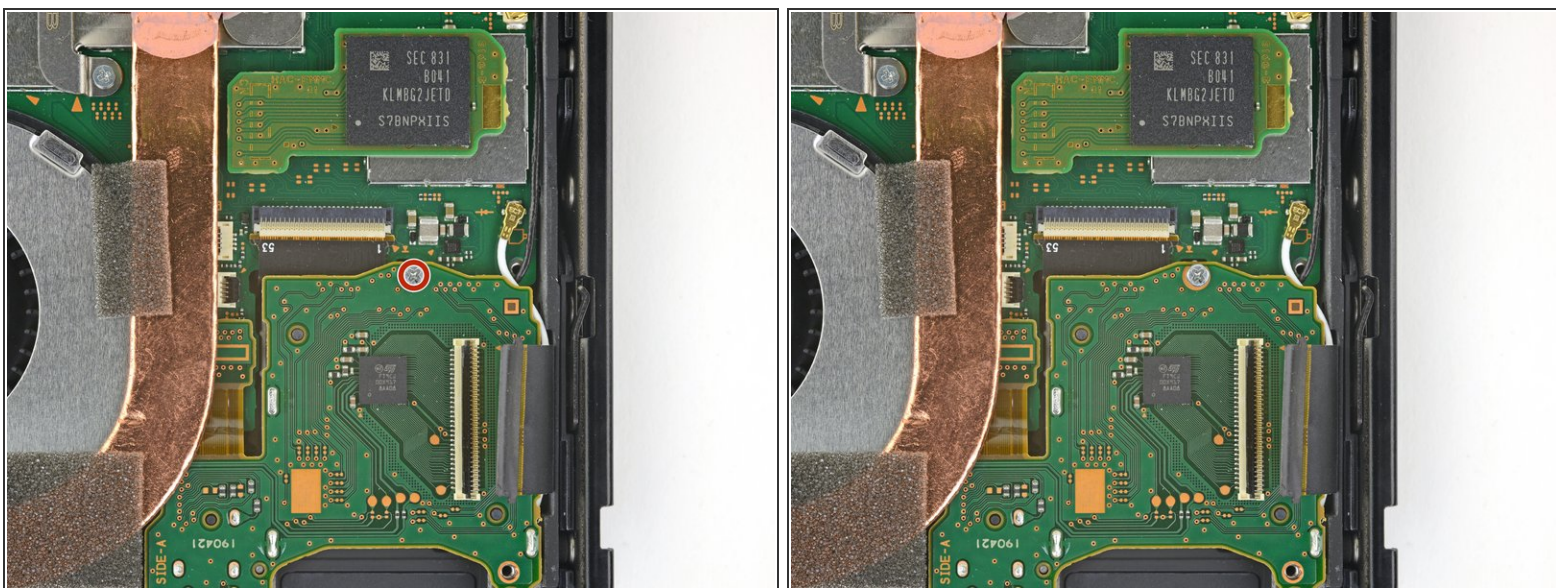
- Use a Phillips driver to remove the two 3.1 mm screws from the headphone jack bracket.

Step 15



- Remove the headphone jack bracket.

Step 16



- Use a Phillips driver to remove the single 3.1 mm screw from the headphone jack and game card board.

Step 17



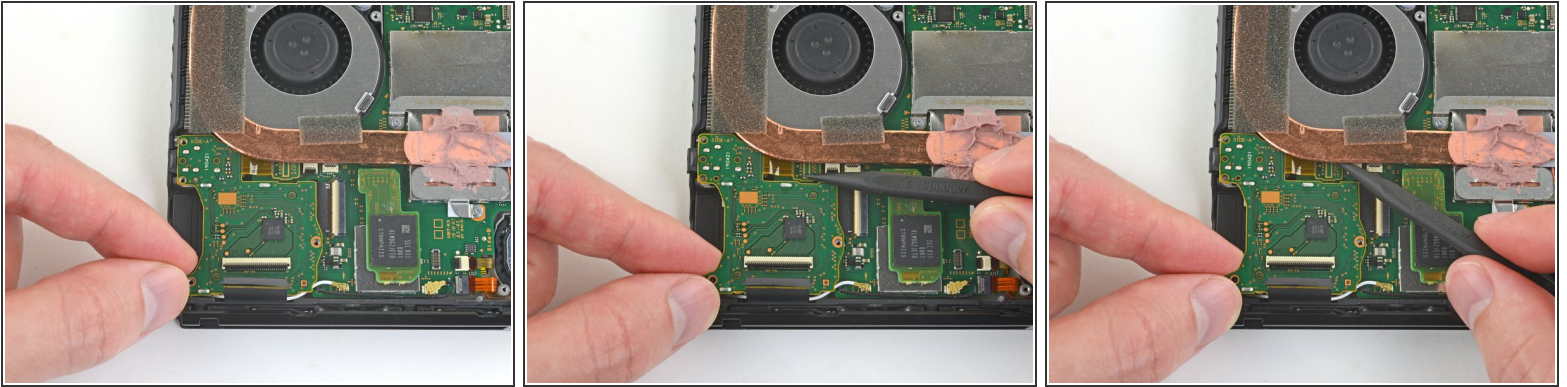
- Use the tip of a spudger to disconnect the headphone jack by prying its connector straight up.
 - ❗ The connector is partially obscured by the copper heat pipe. Make sure it disconnects completely.

Step 18



- Gently lift the game card reader board, starting with the headphone jack.
- Slide the game card reader board away from the copper heat pipe, and remove it.

Step 19 — Reassembly Note



- ✦ During reassembly, to seat the headphone jack connector, pull the entire game card reader board slightly toward the top edge of the Switch so that the headphone jack connector lines up with its socket.
- ✦ Use your spudger to press the connector down until it snaps into place.
- ✦ Press all along the top of the connector to make sure it seats correctly, including the area under the heat pipe.

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