



# 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

This is an archived guide. The updated version can be found [here](#).



## TOOLS:

- [JIS #000 Screwdriver](#) (1)
- [ESD Safe Tweezers Blunt Nose](#) (1)
- [JIS #0 Screwdriver](#) (1)
- [Tri-point Y00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (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.

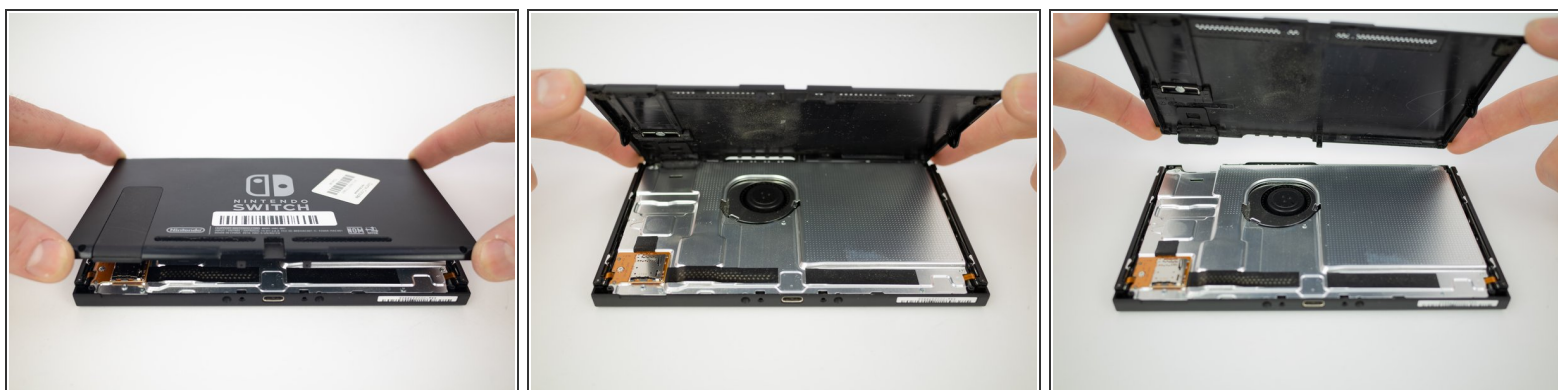


## Step 5



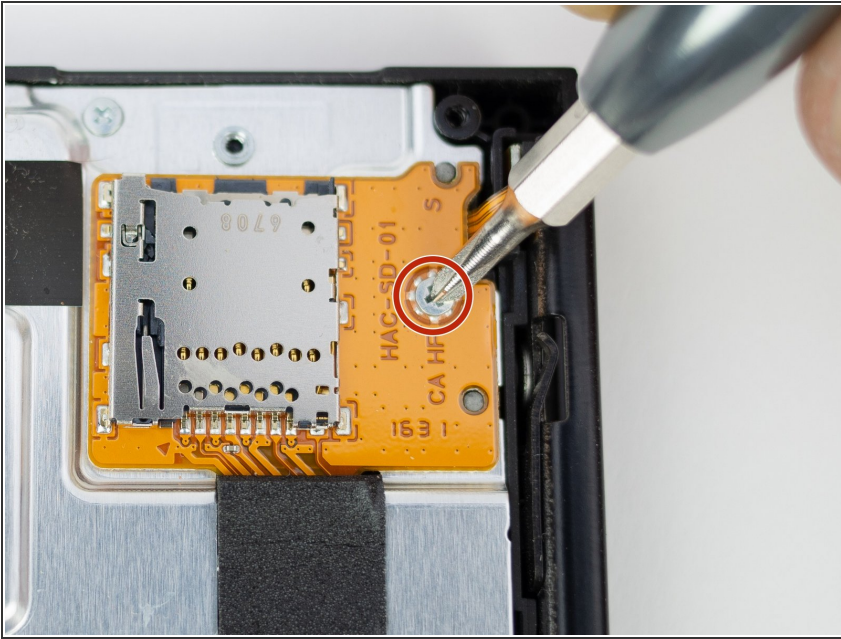
- Remove the single 3.8 mm Phillips #000 screw from the right Joy-Con rail.
- Remove the single 3.8 mm Phillips #000 screw from the left Joy-Con rail.

## Step 6



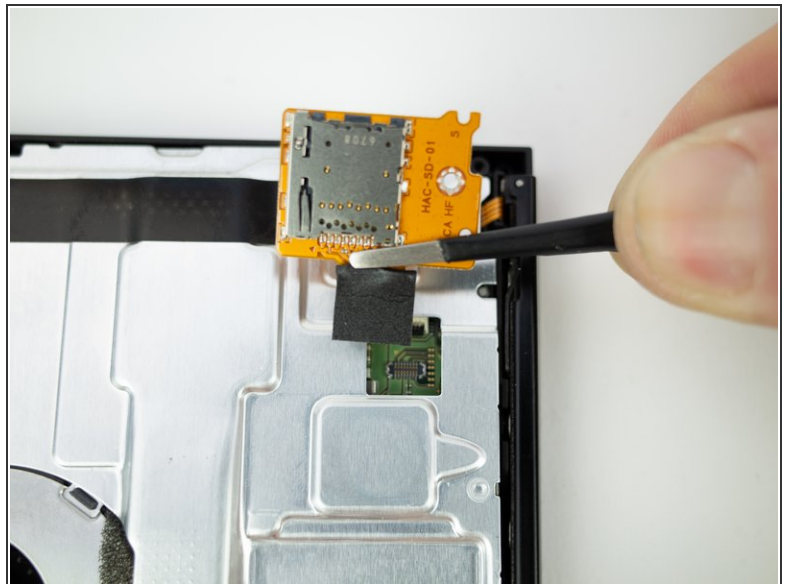
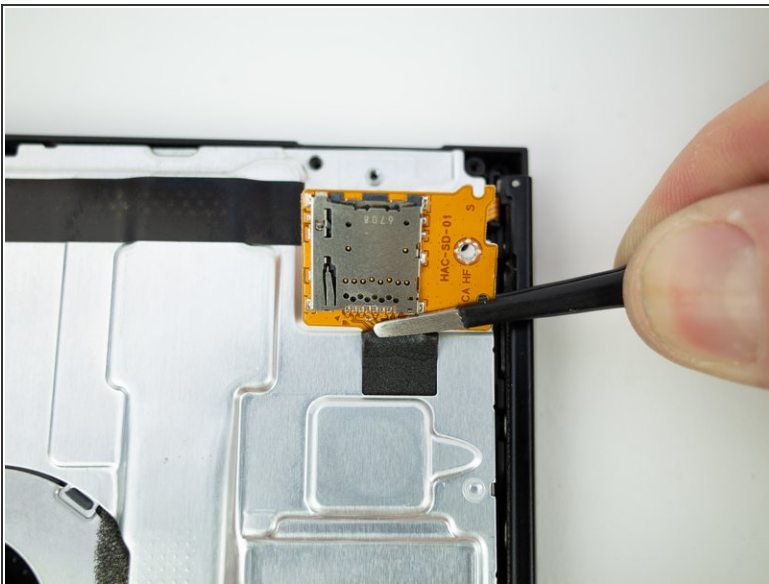
- Pull the rear panel up and off of the device.

## Step 7 — Micro SD Card Reader



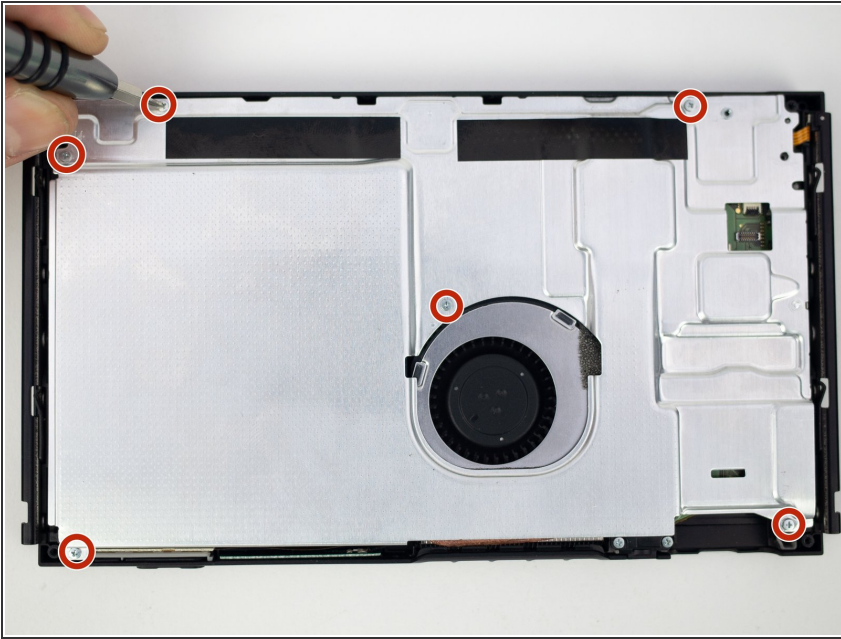
- Remove the single 3.1 mm Phillips screw from micro SD card board.

## Step 8



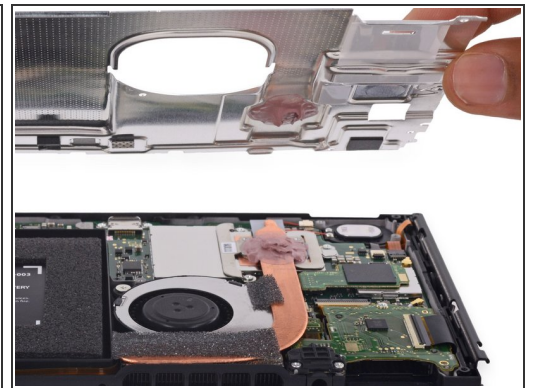
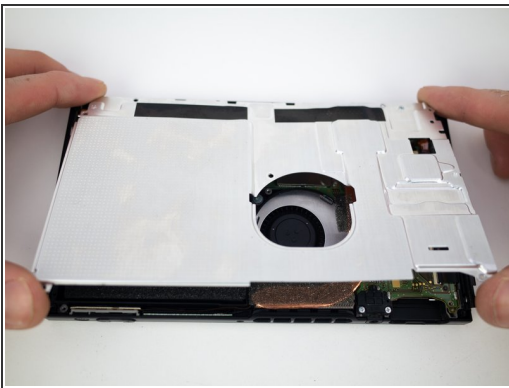
- Gently lift the micro SD card board straight up, away from the Switch to disconnect and remove it.
- ☑ During reassembly, line up the micro SD card board and lightly press on the foam pad until the press connector snaps into place to reconnect it.

## Step 9 — Shield Plate



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

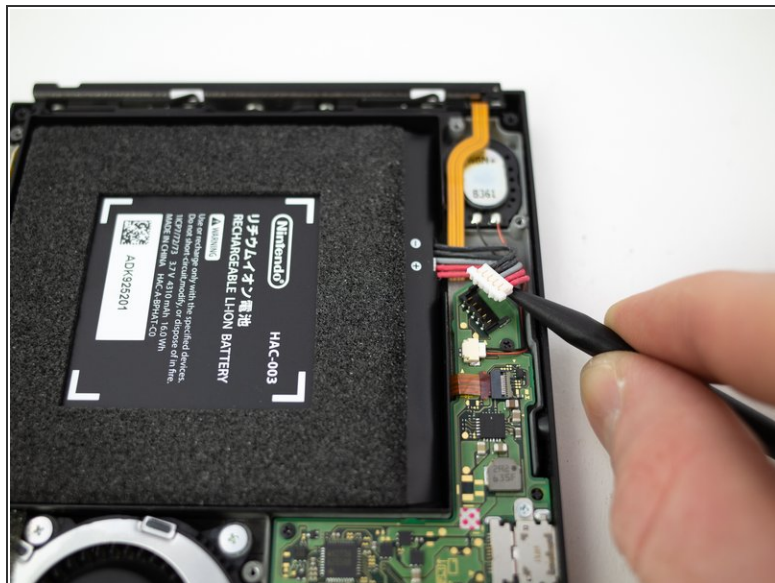
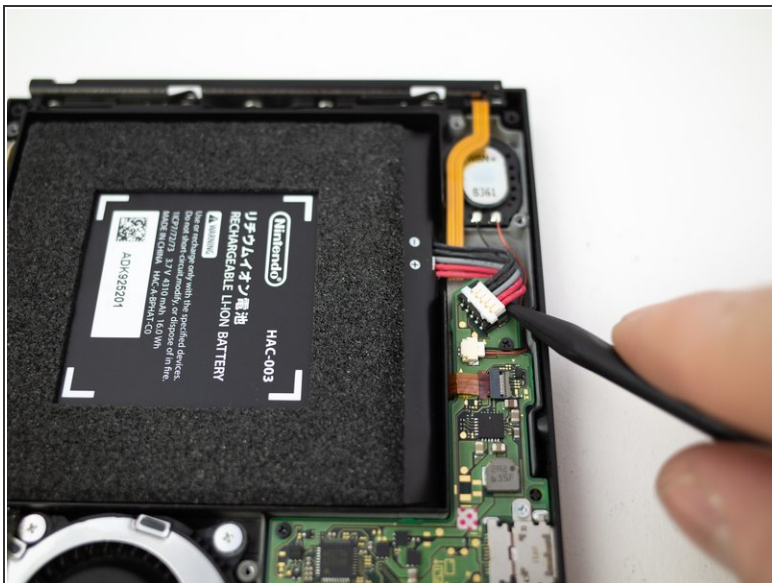
## Step 10



- 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 — Heat Sink



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



## Step 13

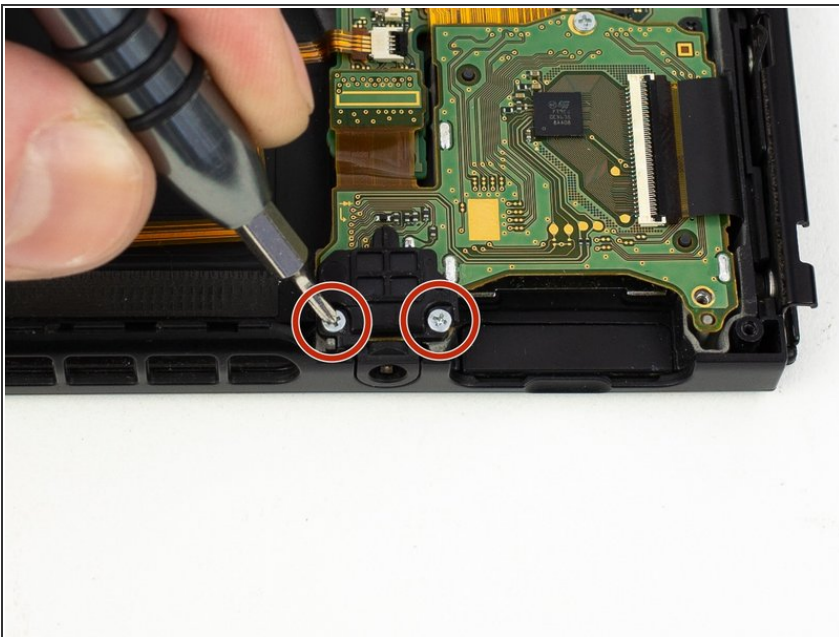


- Pull the heatsink up 45 degrees and rotate it to the right to remove.

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

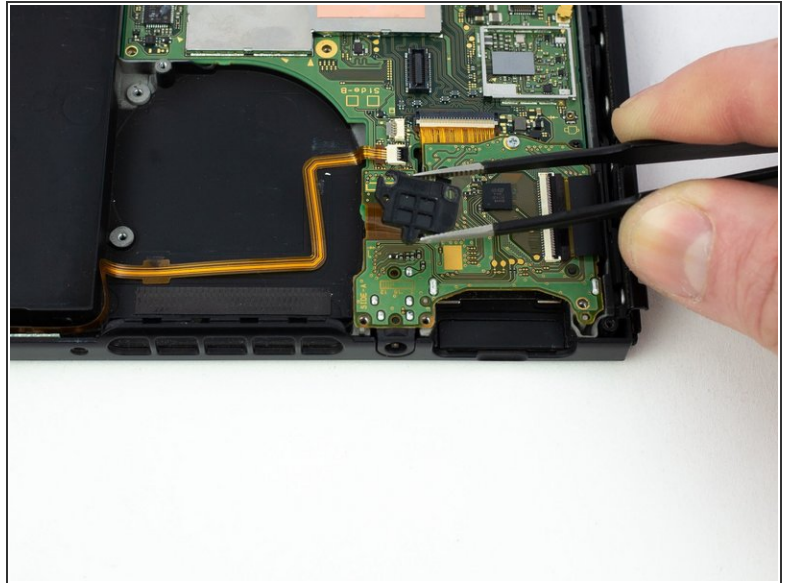
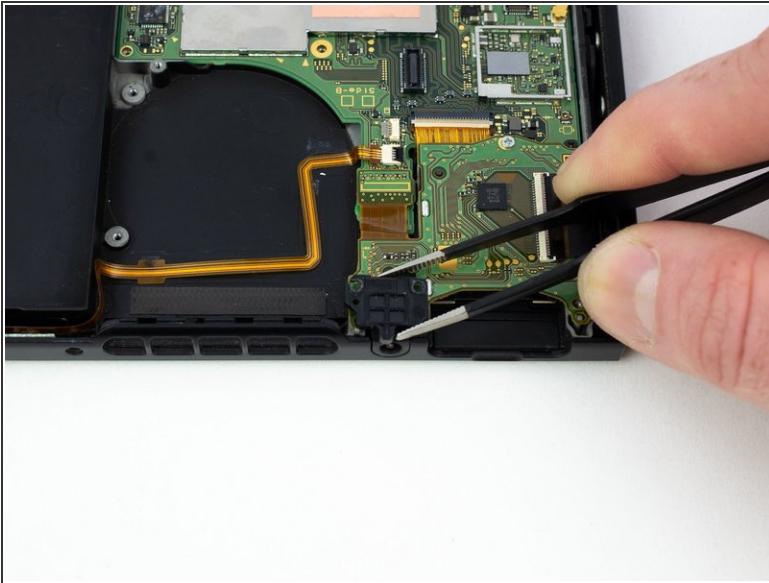
- Clean all the thermal paste off the underside of the heat sink using isopropyl alcohol (>90%) or Artic Silver ArctiClean.
- Clean and **replace** the thermal paste on the processor cover.

## Step 14 — Headphone Jack and Game Card Board



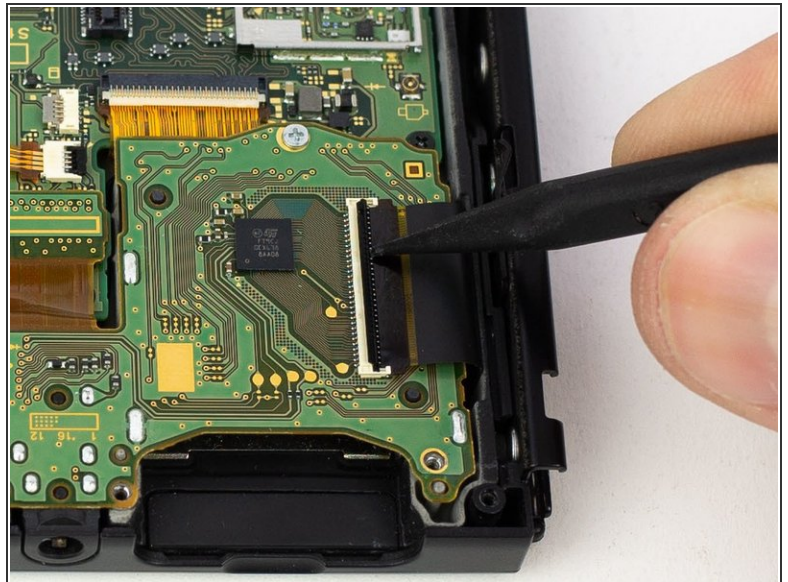
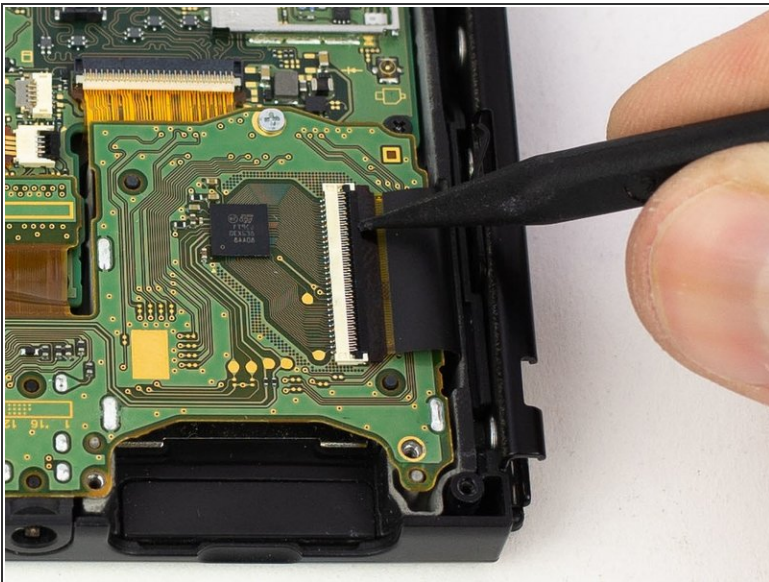
- Remove the two 3.1 mm Phillips screws from the headphone jack bracket.

## Step 15



- Remove the headphone jack bracket.

## Step 16



- Use a spudger to lift the black locking flap on the ZIF connector up.

☑ To reconnect [ZIF connectors](#) like this one, gently slide the cable back in place and press the locking flap back into place.

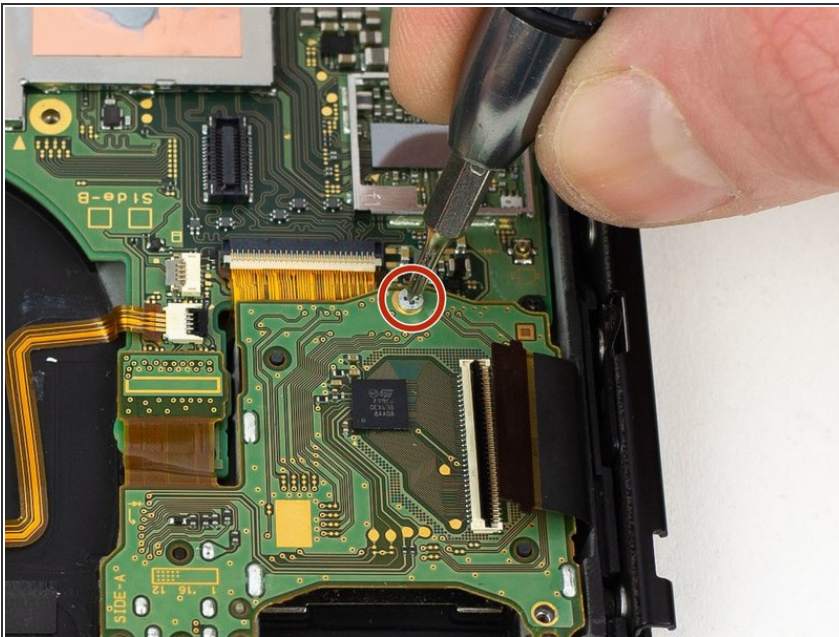


## Step 17



- Use the pointed end of a spudger to slide the ribbon cable out of the ZIF connector.

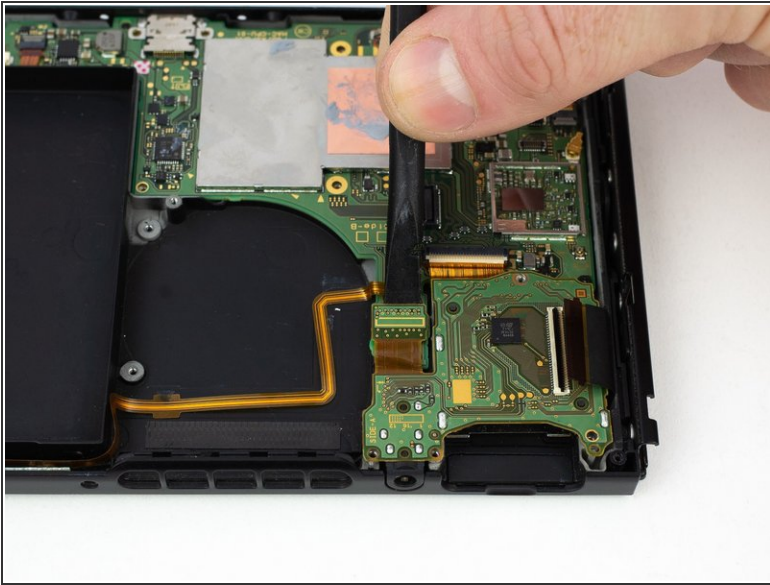
## Step 18



- Remove the single 3.1 mm Phillips screw from the headphone jack and game card board.

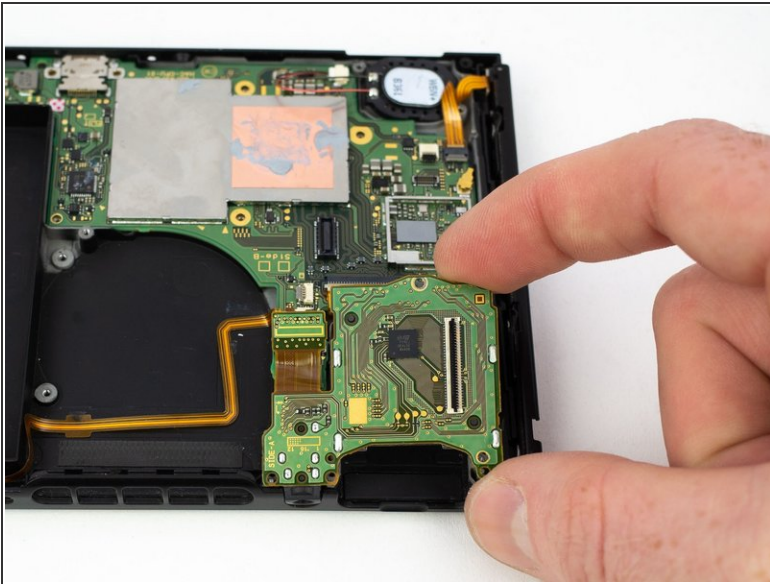


## Step 19



- Use the flat end of a spudger to pry the headphone jack press-fit connector straight up off the motherboard.

## Step 20



- Remove the headphone jack and game card board.

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