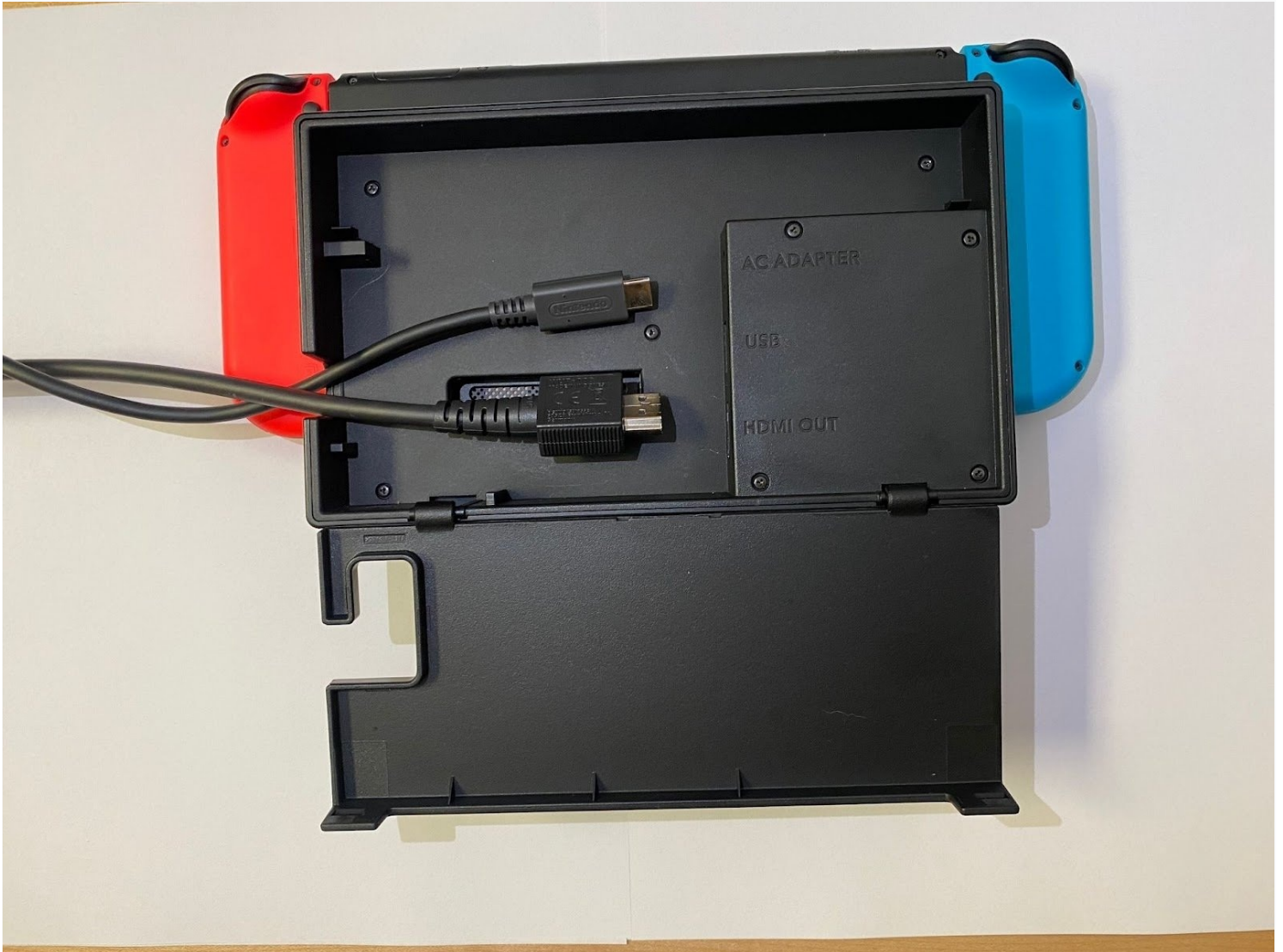




Nintendo Switch Dock Circuit Board Replacement

Follow this guide to replace a broken or faulty...

Written By: [deleted]



INTRODUCTION

Follow this guide to replace a broken or faulty circuit board in your Nintendo Switch dock.

Required Tools: Tri-head 360x50 driver, mini-tweezers, needle-nose pliers



TOOLS:

Tri-head 360x50 driver (1)

Tweezers (1)

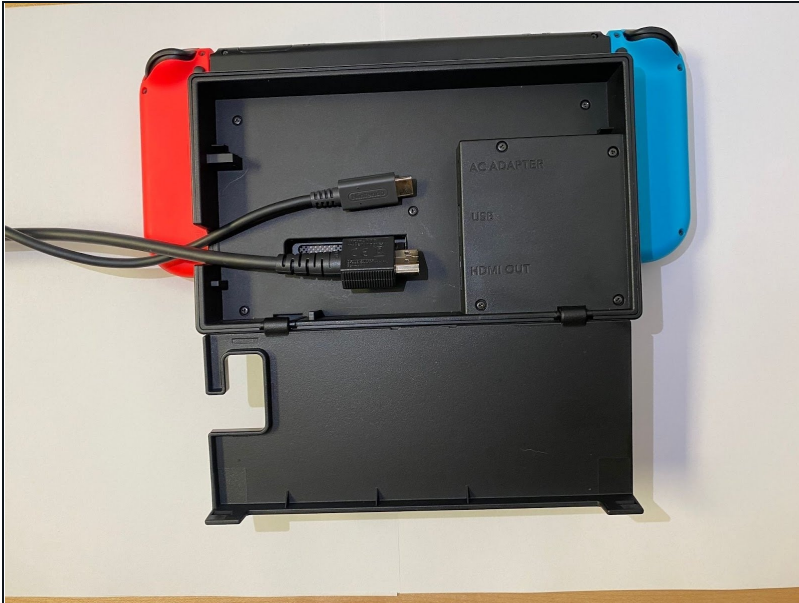
Small Needle Nose Pliers (1)



PARTS:

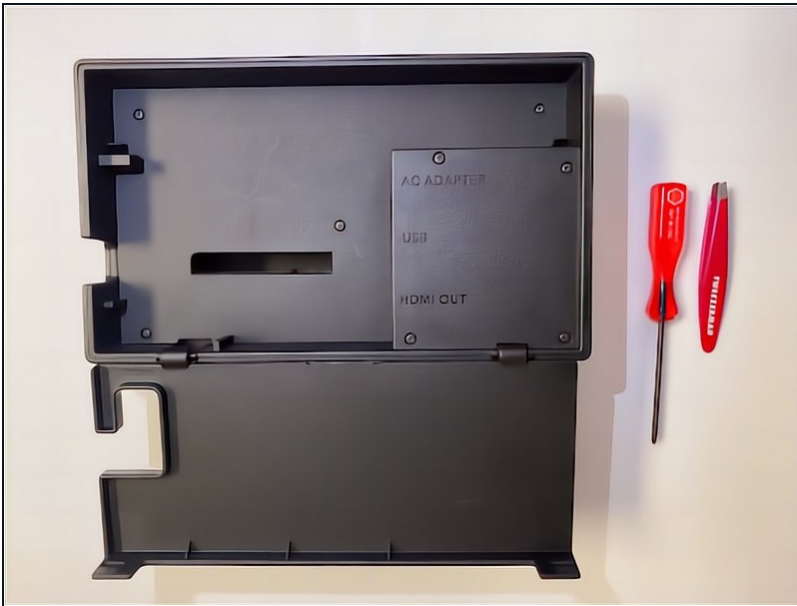
Circuit Board for Nintendo Switch Dock
(1)

Step 1 — Remove cables and wires



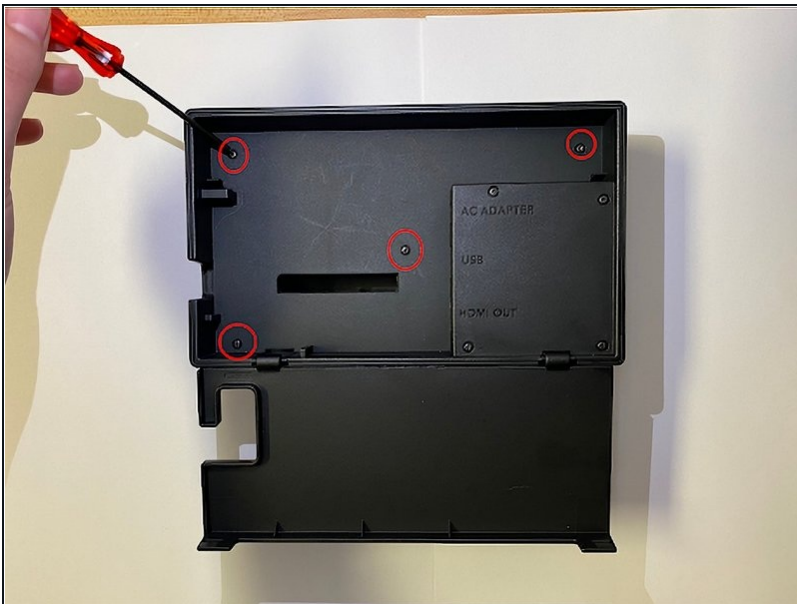
- Unclip the back plate. It will fold back to expose the power wire and the HDMI cable.

Step 2 — Prepare dock for disassembly



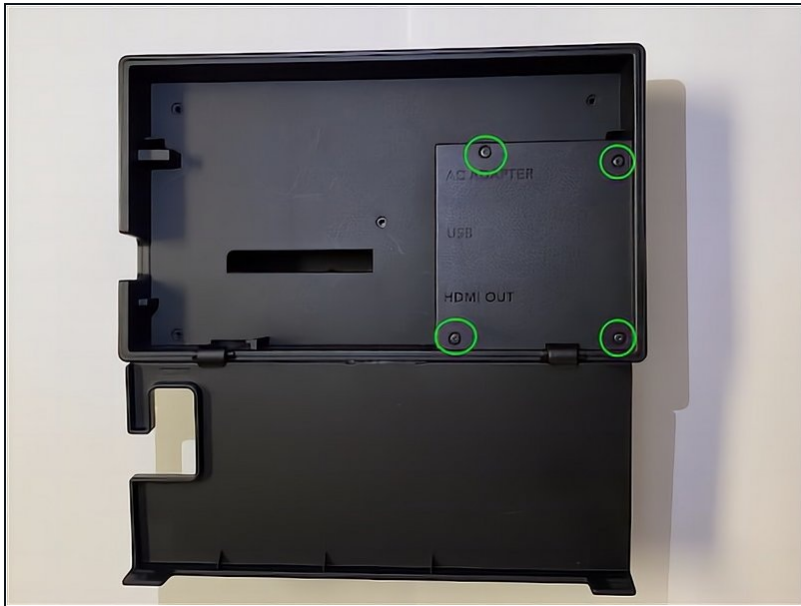
- Remove the Switch from the dock
- Orient the dock so that the adapter block faces up like shown

Step 3 — Removing first set of screws



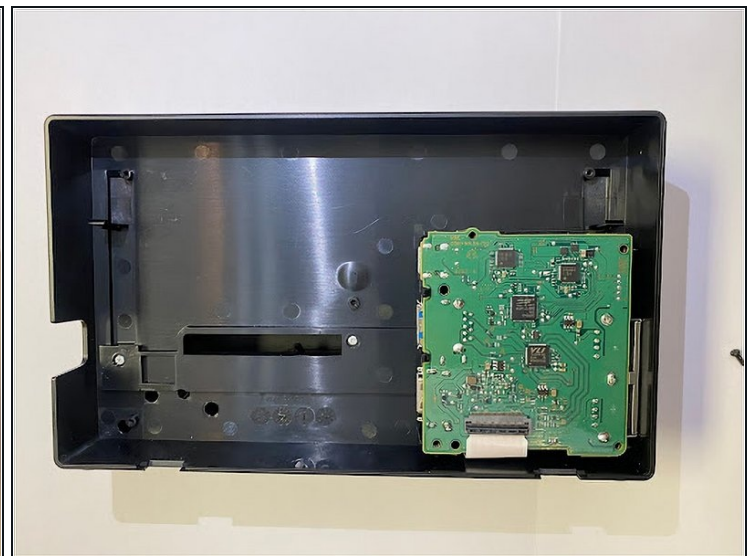
- Using a Tri-head 360x50 driver, unscrew the four screws shown (1, 2, 3, 4) and use mini-[tweezers](#) to remove the screws
- Place the screws in a secure location where you will remember to get them later.

Step 4



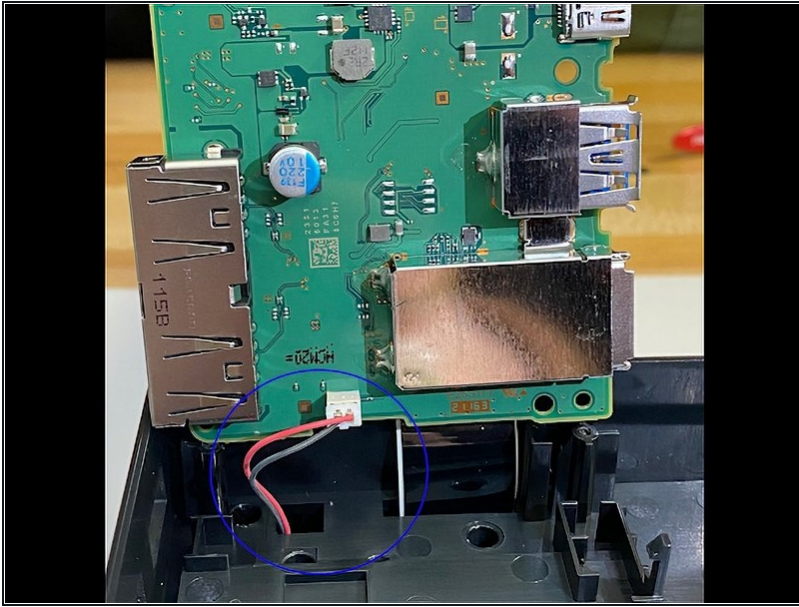
- Using Tri-head 360x50 driver, unscrew the next four screws shown (A, B, C, D) and use the mini-tweezers to remove the screws.
- Place the screws in a secure location.

Step 5 — Removing the backing



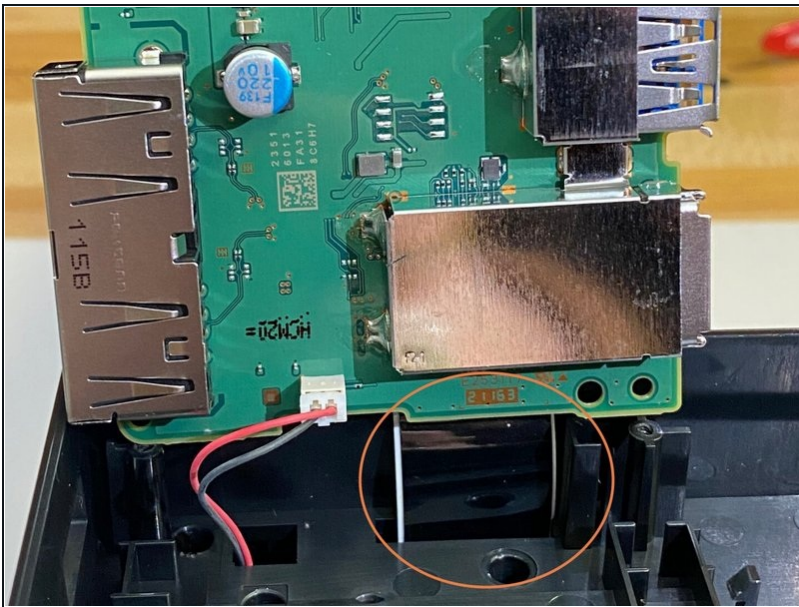
- Carefully pull to remove the backing from the switch dock, exposing the circuit board.

Step 6 — Remove the circuit board



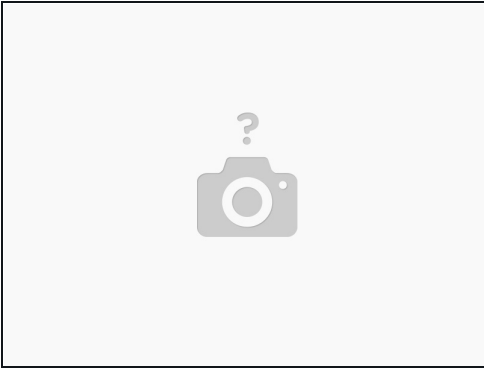
- Carefully unplug the red and black cable connecting the circuit board with the dock housing
- This cable can be more easily removed with a pair of needle-nosed pliers. Clamp on to the plastic casing and gently pull to remove the cable

Step 7 — Remove the film cable



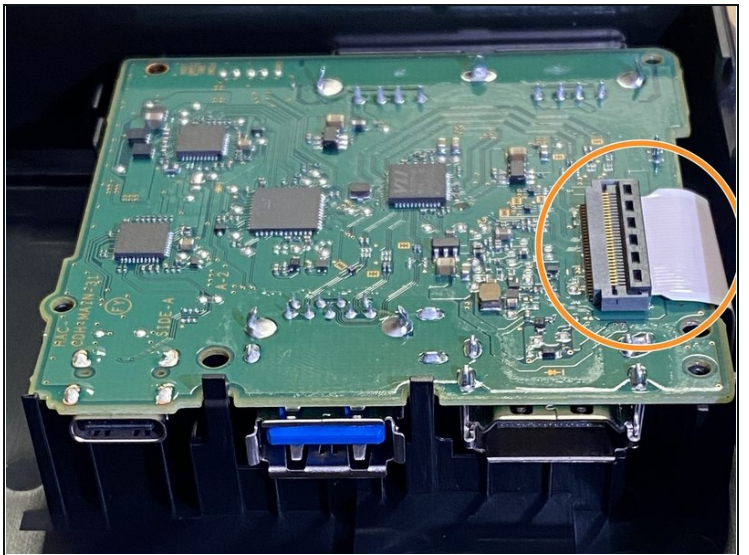
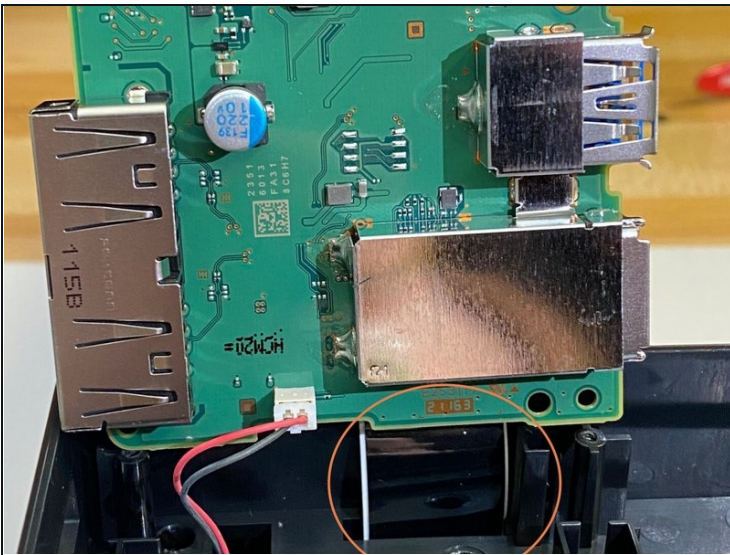
- Gently pull the film cable out of the circuit board. The cable should slide free when lightly pulled.

Step 8 — Replacement circuit board



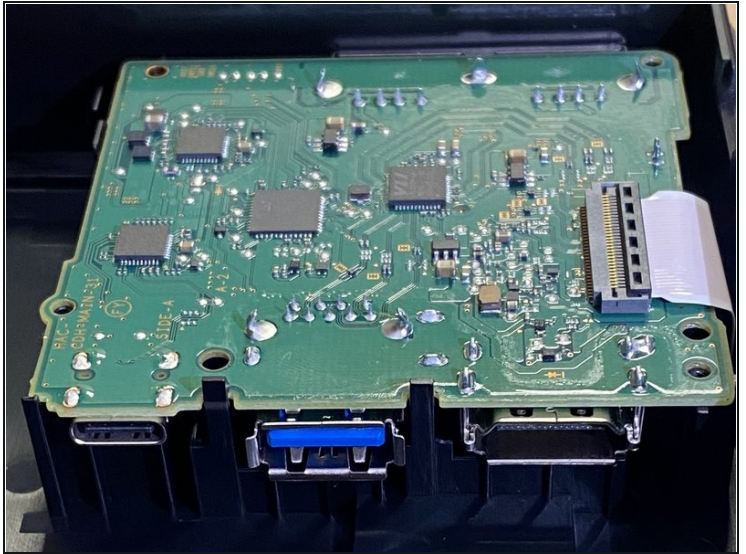
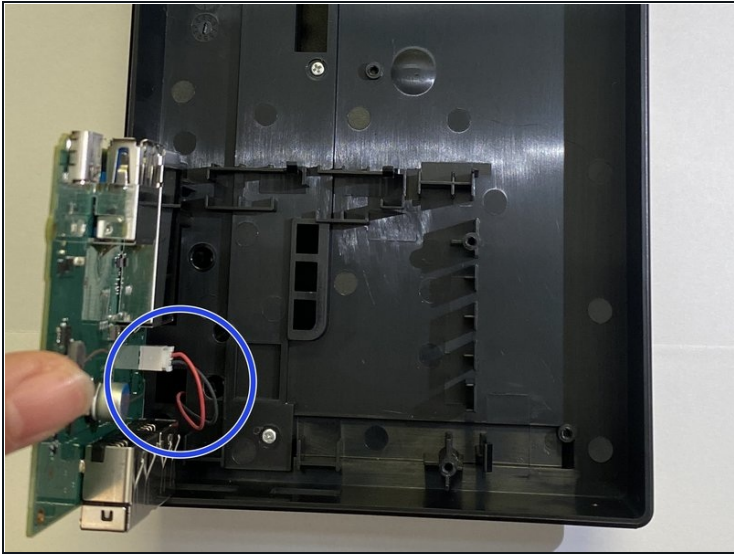
- Unpack and inspect replacement circuit board - check for any damage or faults

Step 9 — Reconnect film cable



- Carefully reconnect the film cable to the replacement circuit board. The cable should slide in when gentle pressure is applied.
- Ensure the cable is oriented correctly before insertion to avoid damage.

Step 10 — Reconnect red/black cable



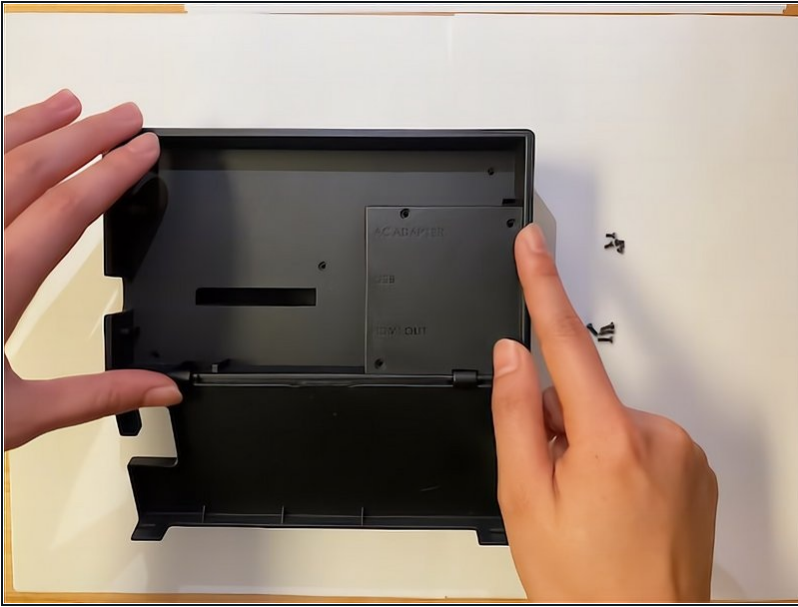
- Make sure the cable is oriented correctly - you can check the port to make sure the holes will line up correctly
- Align plug - end of cable to port and apply gentle pressure. The cable should slide back into place.
- The circuit board should fit without obstruction.

Step 11 — Reinsert circuit board



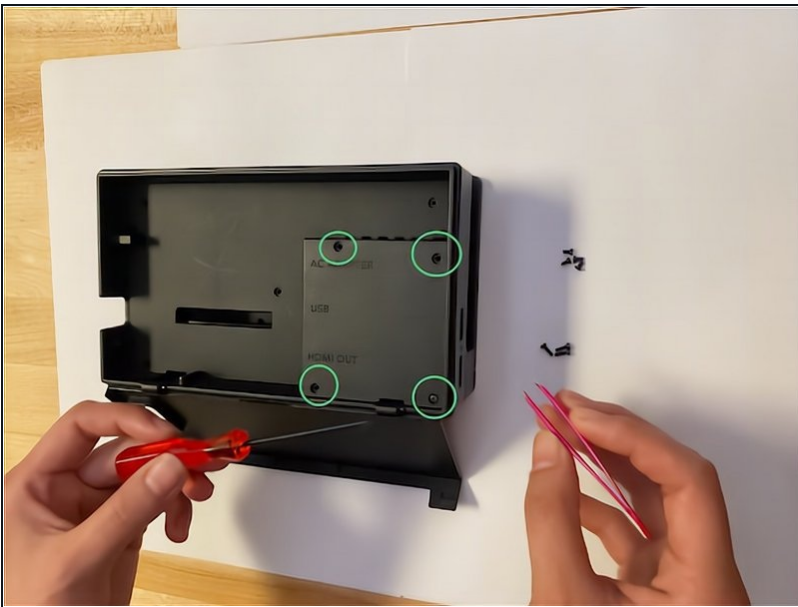
- Gently apply pressure to the circuit board to ensure it seats into the housing.

Step 12 — Put backing on



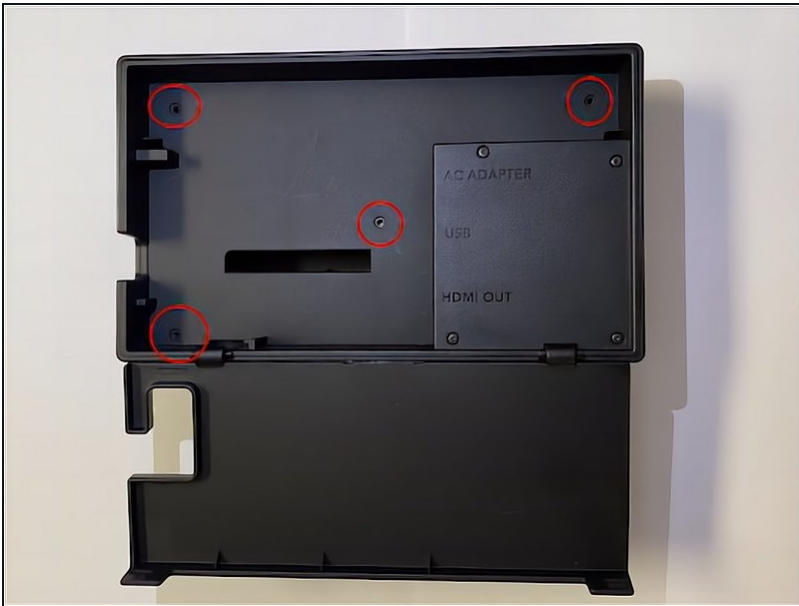
- Place backing onto dock. All screw holes should line up.
- Apply gentle pressure. (You should feel a slight "give" as it seats properly)

Step 13 — Reinsert screws Part 1



- Use Tri-Head driver to reinsert screws (A, B, C, D)

Step 14 — Reinsert screws Part 2



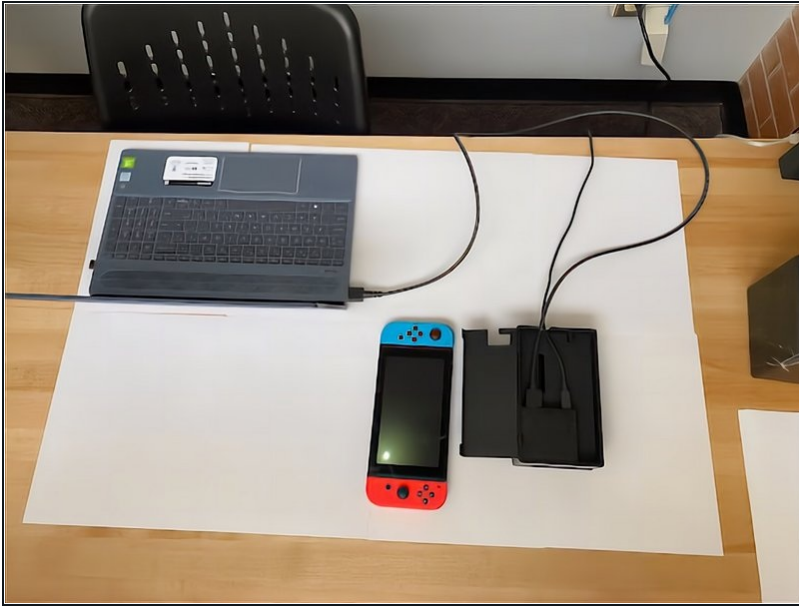
- Use Tri-head driver to reinsert screws (1, 2, 3, 4)

Step 15 — Reinsert cables



- Plug HDMI and power cable into switch dock.

Step 16 — Connect with an HDMI device



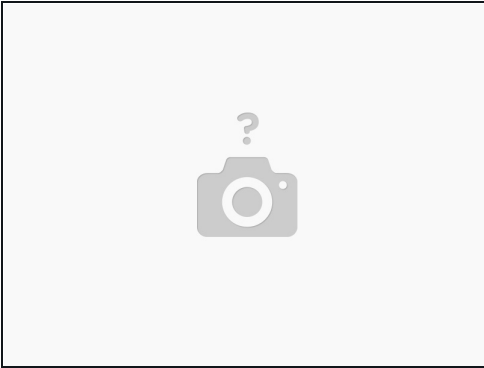
- Plug HDMI cable into a device with an HDMI port (TV, monitor, computer, etc.)
(NOTE: need adapter for PC for video and audio connection)

Step 17 — Using the dock Part 1



- Insert Nintendo Switch into dock and turn it on.
- The dock should charge your switch. If it doesn't, check the power supply/power cable
- When correctly seated in the dock, the Switch screen will remain black

Step 18 — Using the dock Part 2



- Use Switch normally to test audio and video output
- If Switch works normally but the dock doesn't, check to make sure the following are true:
 - Both cables are plugged in correctly
 - Both cables are not obstructed or damaged
 - Circuit board is not damaged
 - Circuit board seats correctly into housing

All electrical equipment should be stored safely out of the way of hazards. After replacement, the Switch Dock should function properly.