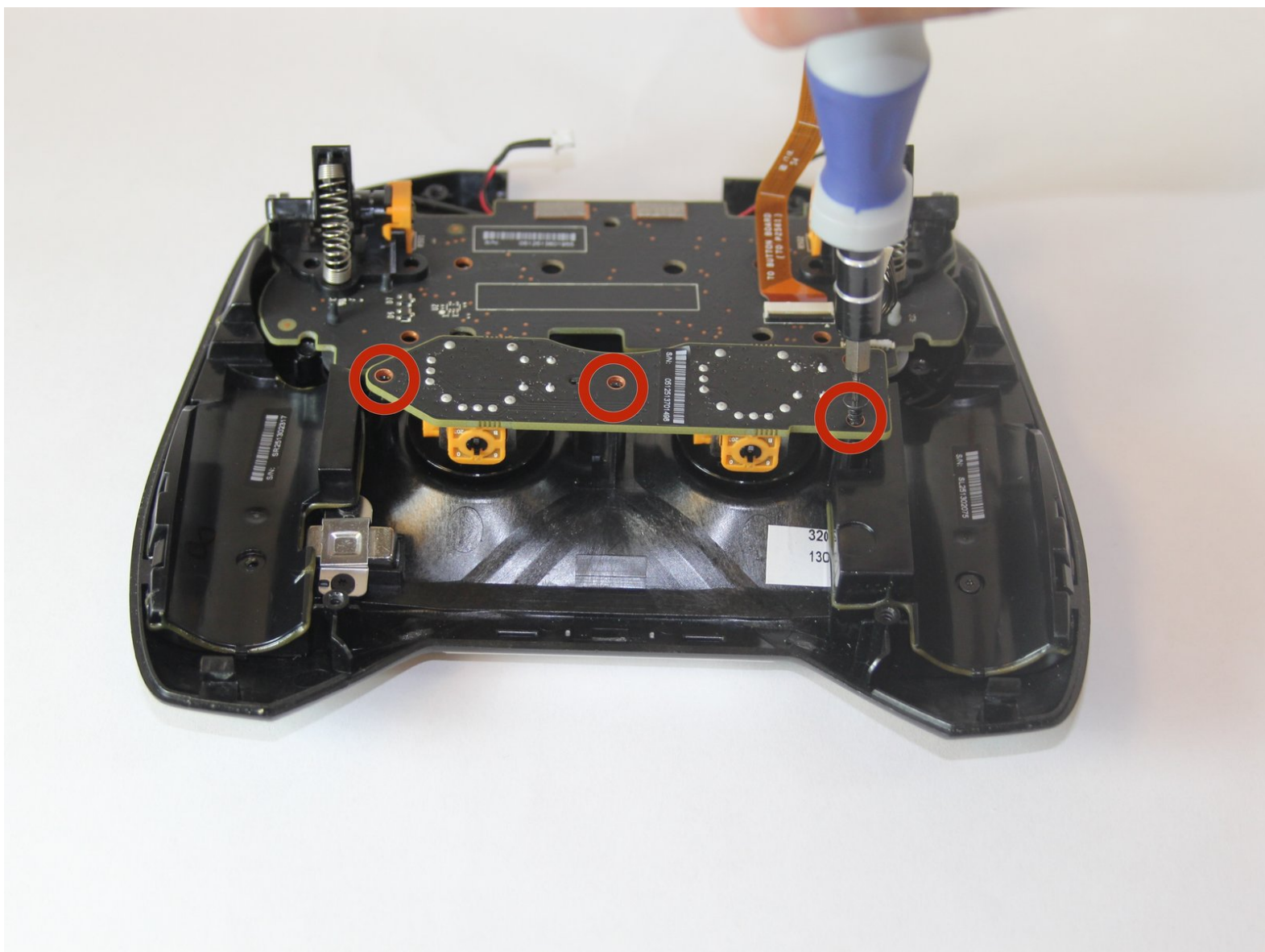




# Nvidia Shield Joystick Replacement

This guide will show the steps needed to extract and replace the Nvidia Shield joysticks.

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## TOOLS:

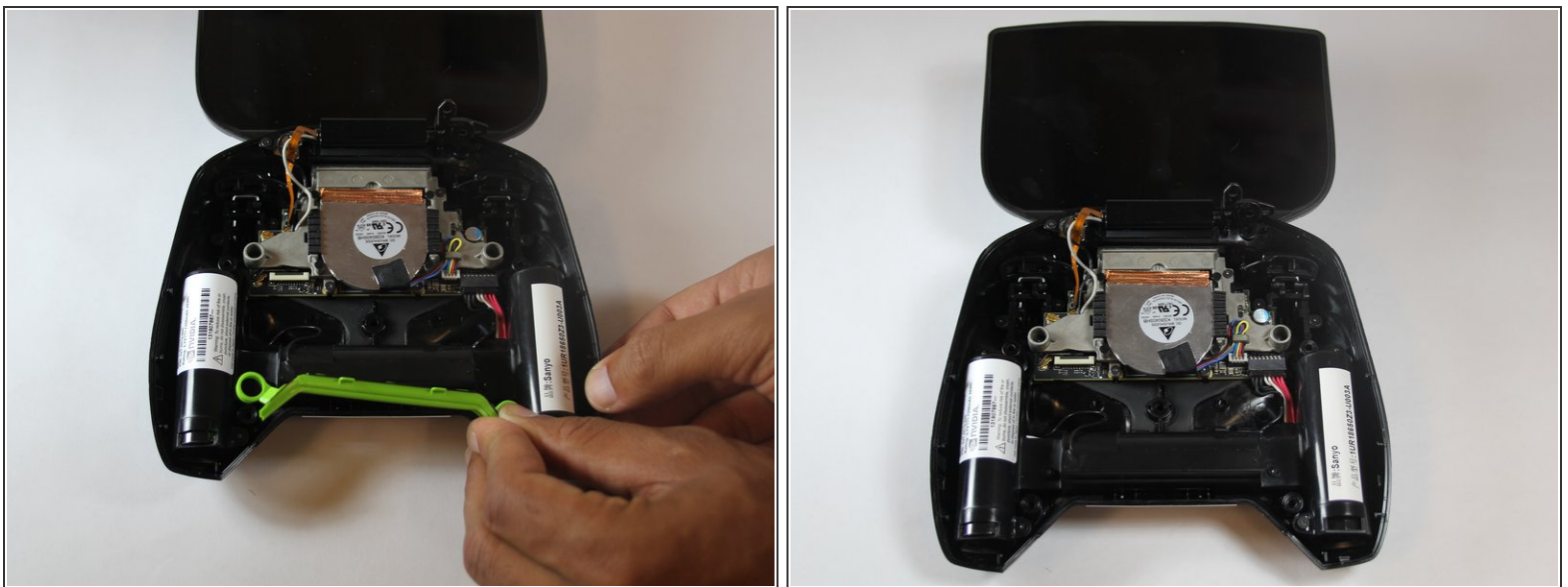
- [T5 Torx Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
-

## Step 1 — Remove Front Panel



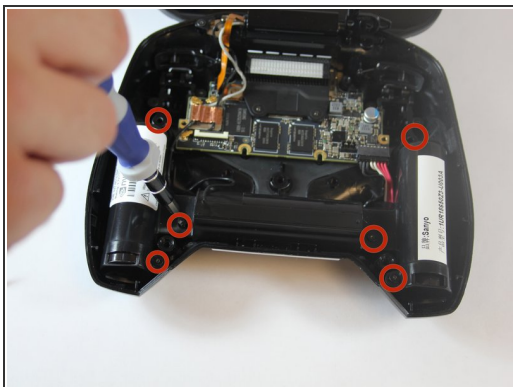
- Unscrew the 7 6.4mm T5 Torx screws from back panel
- Use spudger to separate front and back panels

## Step 2 — Remove Green Grill



- The green grill is not screwed in so it can be pulled right out.

### Step 3 — Remove Battery Cables



- Remove the 6 6.5mm T5 Torx screws.
- Remove power wires.
- Peel back copper tape and remove black and white wires.

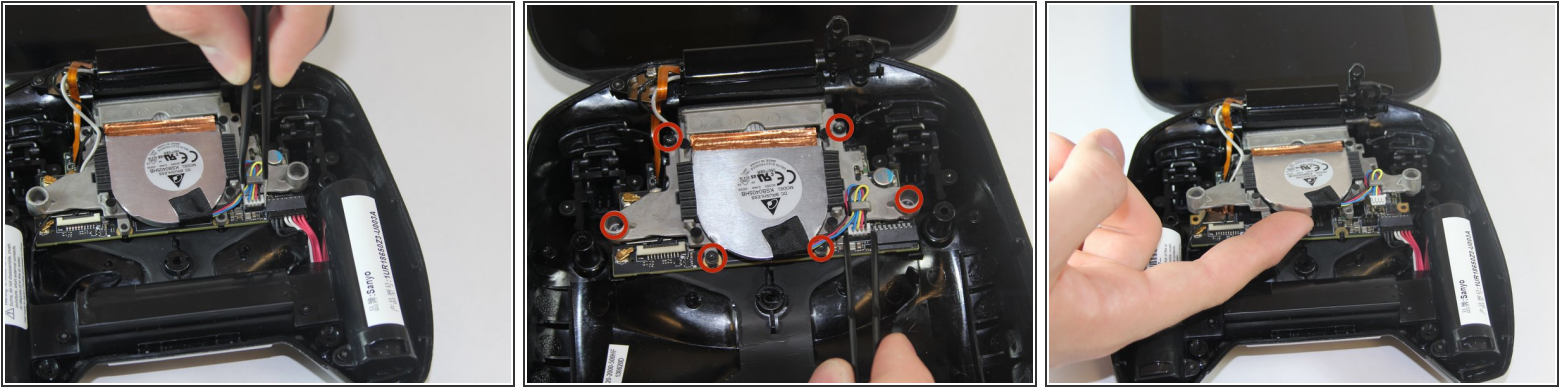
### Step 4 — Remove Battery Apparatus



- Once all cables are removed, pull the battery apparatus out.

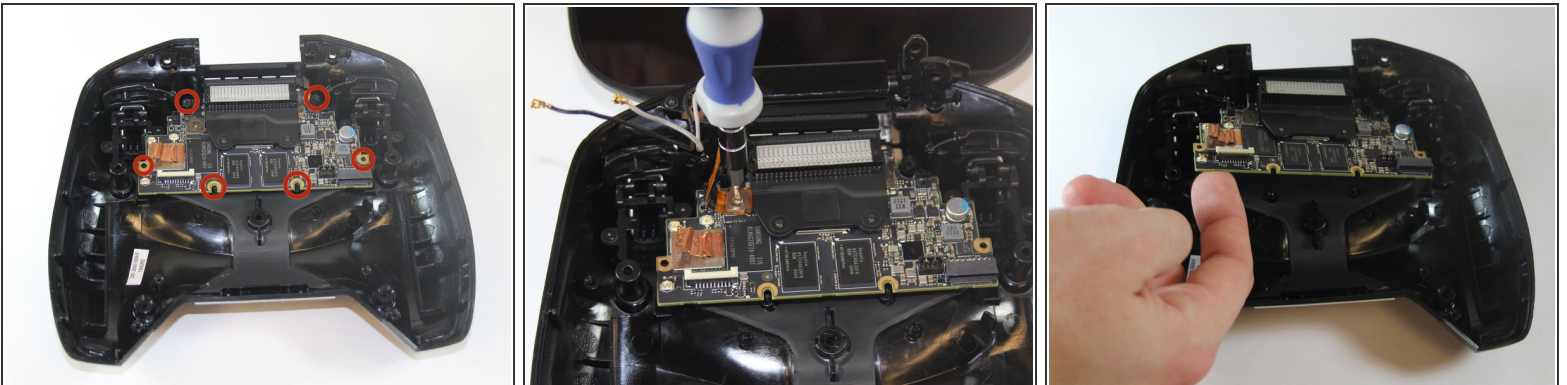


## Step 5 — Removing Fan



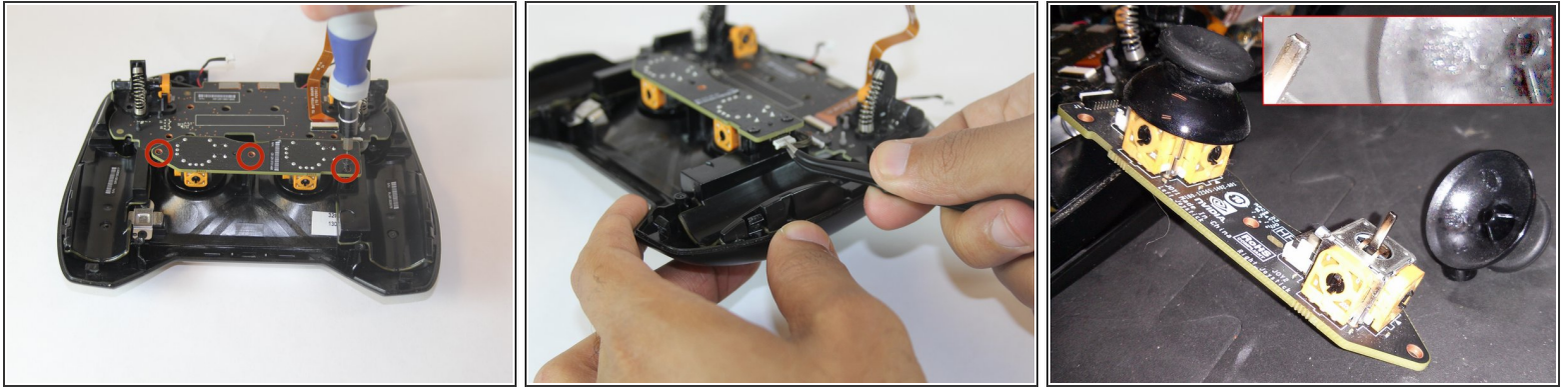
- Cooling is important for electronics, the last thing they want is to overheat.
- Remove the two 7.3mm and four 8.4mm T5 Torx screws and remove the power cable.
- Once the screws and cable are removed, the fan can lift free

## Step 6 — Removing Logic Board



- The large board under everything is the logic board.
- Removing this requires unscrewing 6 screws, 2 7.3mm T5 Torx and 4 8.4mm T5 Torx located around the edges of the logic board, which should have already been taken out when removing the fan.
- Once all the screws are gone, be careful with the ports on top of the logic board. Gently wiggling helps.

## Step 7 — Removing Joysticks



- Unscrew the 3 6.5mm screws from the Joystick board
- Unplug the ribbon attached on the right hand side of the board
- Once removed, the Joystick board will lift from the panel, allowing replacement
- The thumb-Sticks can be pulled off of the metal pegs for replacement.

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