



Nvidia Shield Fan Replacement

This guide will show how to replace the fan in a Nvidia Shield controller.

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INTRODUCTION

The Nvidia Shield controller uses an internal fan to help cool its other internal components. Eventually, the fan could require replacement after normal use. Repairing the fan will help to avoid the controller's internal components overheating, therefore prolonging the life of the device. This guide will explain how to replace the fan using easily found tools, with no special skills needed.

TOOLS:

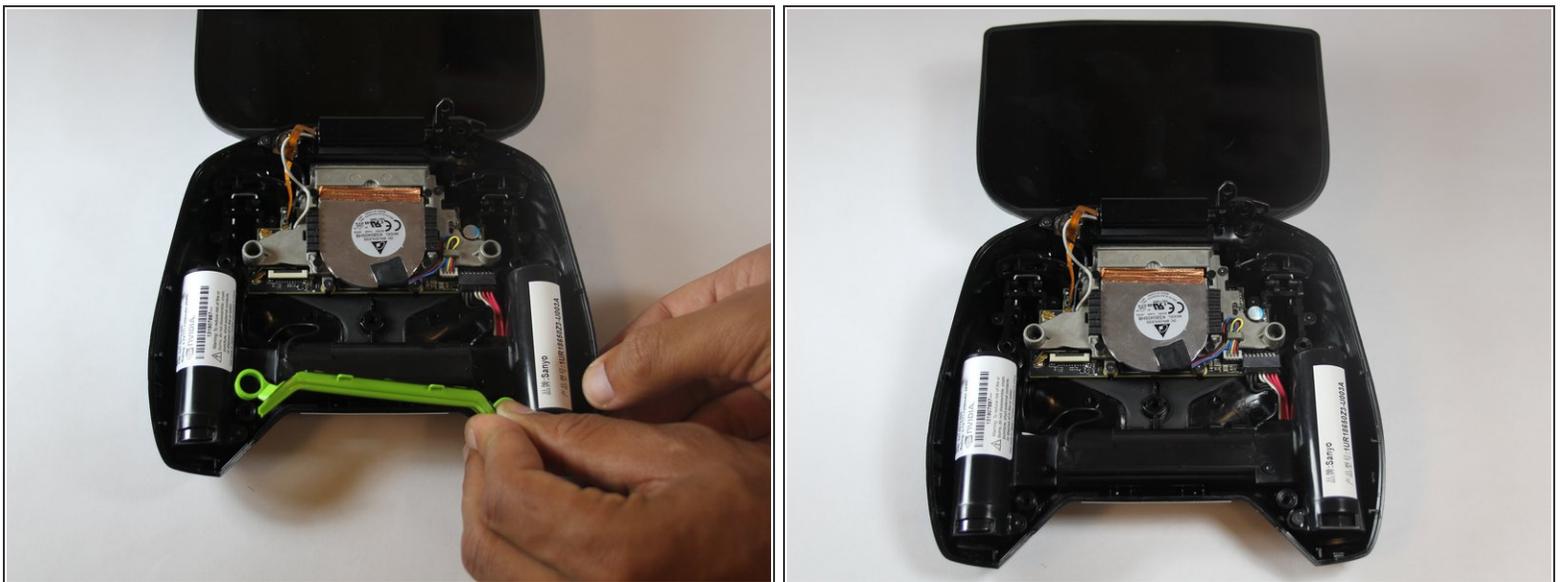
- [T5 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Remove Front Panel



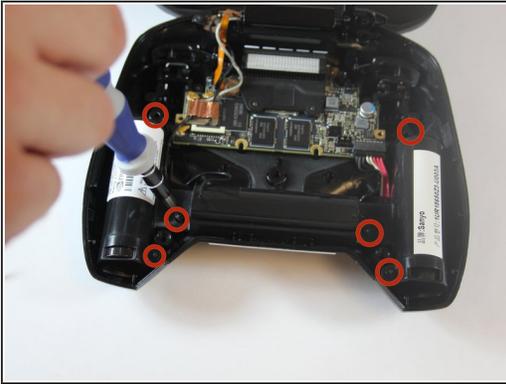
- Remove the seven 6.4mm T5 Torx screws from the back panel.
- Use the spudger to separate the front and back panels.

Step 2 — Remove Green Grill



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

Step 3 — Remove Battery Cables



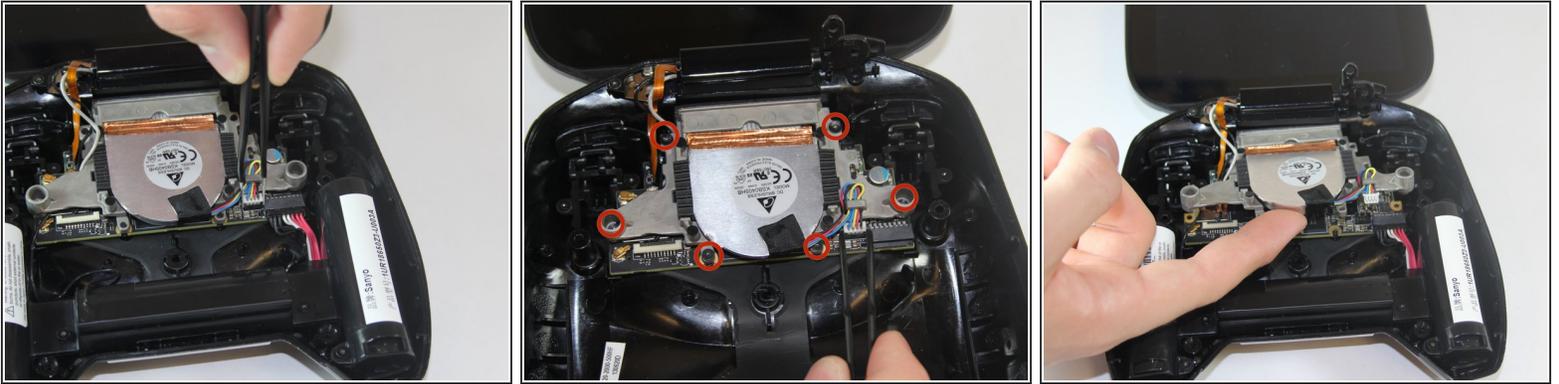
- Remove the six 6.5mm T5 Torx screws.
- Disconnect the power wires.
- Peel back the copper tape and disconnect the black and white wires.

Step 4 — Remove Battery Apparatus



- Pull the battery apparatus out once all cables are removed.

Step 5 — Removing Fan



- i** 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 disconnect the power cable.
 - Lift the fan free after the screws and cable are removed.

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