



Steam Deck Back Cover Replacement

Use this guide to replace the back cover on...

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INTRODUCTION

Use this guide to replace the back cover on your Steam Deck LCD, or to remove it for further repairs.

Remember: follow general [electrostatic discharge \(ESD\) safety procedures](#) while repairing your device.

Note: The back button faces (L4, R4, L5, and R5) are part of the back cover and cannot be separately removed.

Valve warns that removing the back cover can weaken the Steam Deck's structural integrity.

TOOLS:

[Phillips #1 Screwdriver](#) (1)
[iFixit Opening Picks \(Set of 6\)](#) (1)

PARTS:

[Steam Deck Back Plate](#) (1)
[Steam Deck Back Plate Screw Set](#) (1)

Step 1 — Prepare your Steam Deck for disassembly



- ⚠ Turn on your Steam Deck and allow the battery to discharge below 25% before starting your repairs, as a charged lithium-ion polymer battery can be dangerous if accidentally punctured.
- ⓘ As an extra precaution, Valve recommends putting your Steam Deck into **battery storage mode** within the BIOS before starting any internal repairs. [Read how to do that here.](#)
- Power down your Steam Deck and unplug any cables.
- ⚠ If you have a microSD card installed, **make sure to remove it** before opening the Steam Deck. If you attempt to remove the back cover with it still installed, [it could snap right in half.](#)
- ⓘ During your repair, it can be helpful at times to lay the Steam Deck face-down into its case to protect the thumbsticks and prevent wobble.

Step 2 — Remove the back cover screws



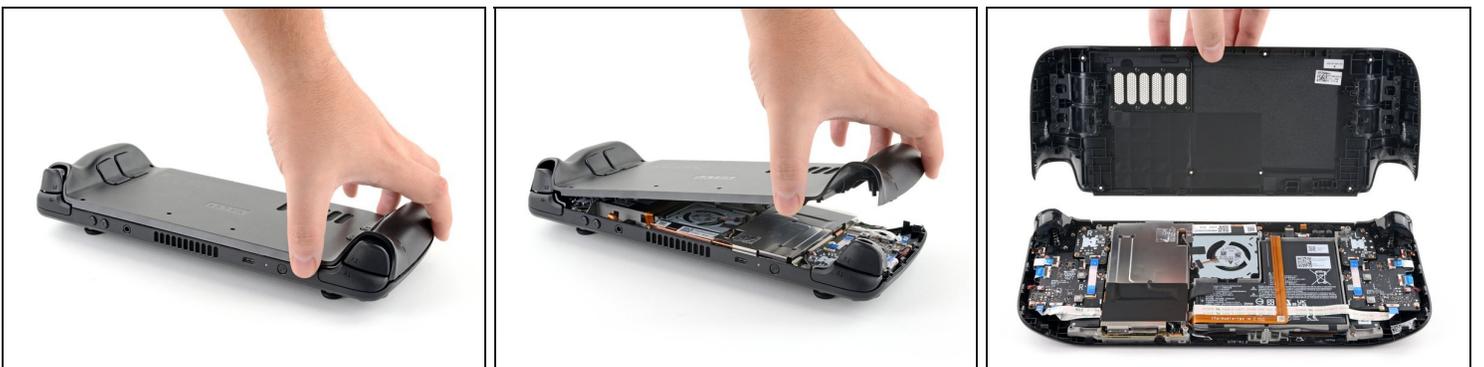
- Use a Phillips driver to remove the eight screws securing the back cover:
 - Four coarse thread 9.5 mm-long screws
 - Four fine thread 5.8 mm-long screws
- ⓘ Despite the standards, Phillips screwdrivers can vary in size and shape—two drivers labeled as the same size may fit differently in the same screw. Use the size that fits the snuggest into the screw head.
- ⓘ Throughout this repair, [keep track of each screw](#) and make sure it goes back exactly where it came from to avoid damaging your Steam Deck.

Step 3 — Unclip the back cover



- Insert an opening pick into the thin gap between the back cover and the front shell, along the edge of the right grip.
 - ⓘ If you're having trouble inserting your pick at the grip seam, try starting at either the top or bottom long edges first, then slide the pick towards the grip.
- Pry up on the back cover to release it from the locking clips.

Step 4 — Remove the back cover



- ⓘ Once the clips are disconnected from one edge, the rest disconnect easily.
- Grip the back cover at the opening you just created and pull it up and away from the device to unclip the long edges.
- Remove the back cover.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our [Steam Deck answers community](#) for help.