



PlayStation 5 Optical Drive Replacement

This is a prerequisite-only guide! This guide...

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INTRODUCTION

This is a prerequisite-only guide! This guide is part of another procedure and is not meant to be used alone.

Follow this guide to remove the optical drive on a PlayStation 5.

The optical drive is paired to the motherboard, so a replacement optical drive won't read discs.

Before you begin, completely **power down and unplug all cables** from your console. Remember to follow general electrostatic discharge (ESD) safety procedures while repairing the console.

TOOLS:

Flathead 3/32" or 2.5 mm Screwdriver (1)
TR8 Torx Security Screwdriver (1)
Spudger (1)
Tweezers (1)
Phillips #0 Screwdriver (1)

PARTS:

PlayStation 5 Motherboard & Paired Optical Drive (1)

Step 1 — Remove the stand screw



- If your PlayStation 5 is in its vertical orientation, flip it upside down so the stand is facing up.
 - ⓘ If your PlayStation 5 is in its horizontal orientation, skip to Step 6.
- ⚠ Work on a flat surface to prevent your PlayStation from falling over.
- Use a coin or a flathead screwdriver to remove the 26.5 mm-long stand screw.

Step 2 — Remove the vertical stand



- Lift straight up to remove the stand.

Step 3 — Store the stand screw



- Insert the screw into the cubby on the bottom of the stand.

Step 4 — Cap the screw hole



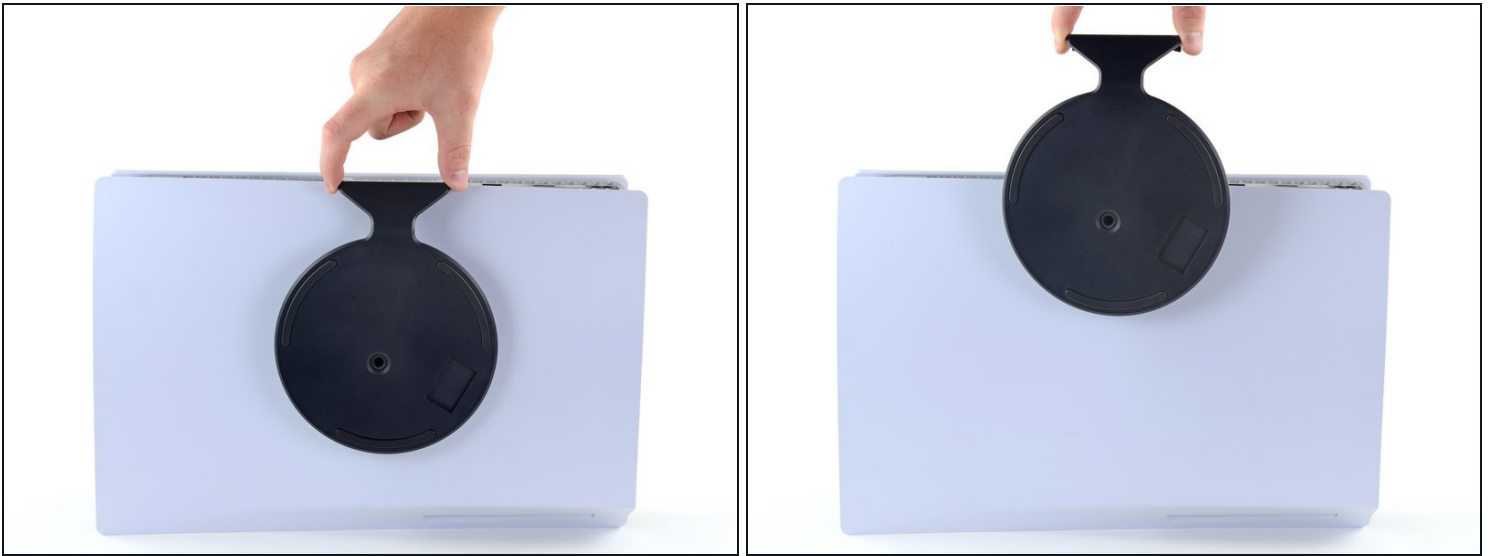
- Use a pair of [tweezers](#) or your fingernail to remove the cap from the cubby.
- Use your finger to press the cap into the screw hole.

Step 5 — Close the cubby



- Twist the stand counterclockwise to close the cubby.

Step 6 — Remove the horizontal stand



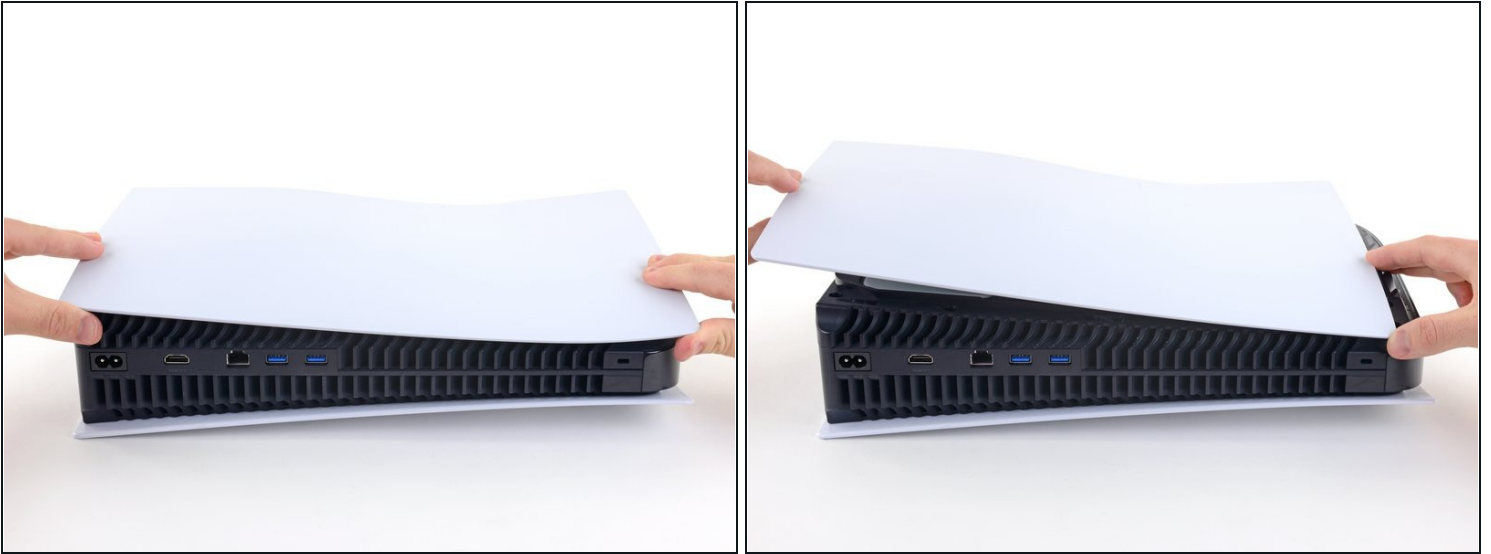
- If your PlayStation 5 is in its horizontal orientation, rest it on its face with the charging port facing up.
- Lift the stand straight up to remove it.

Step 7 — Remove the right faceplate



- Flip the device over so that the USB and ethernet ports are on the left side from your perspective.
- Lift up the corner of the faceplate to unclip it from the case.

Step 8



- While lifting up the corner, slide the faceplate towards the bottom of the device.
- Remove the right faceplate.

Step 9 — Pry up the grille



- Insert the flat end of a spudger underneath the grille and into the gap above the fan.
- Lift up with the spudger to pry the grille away from the case.

Step 10 — Remove the grille



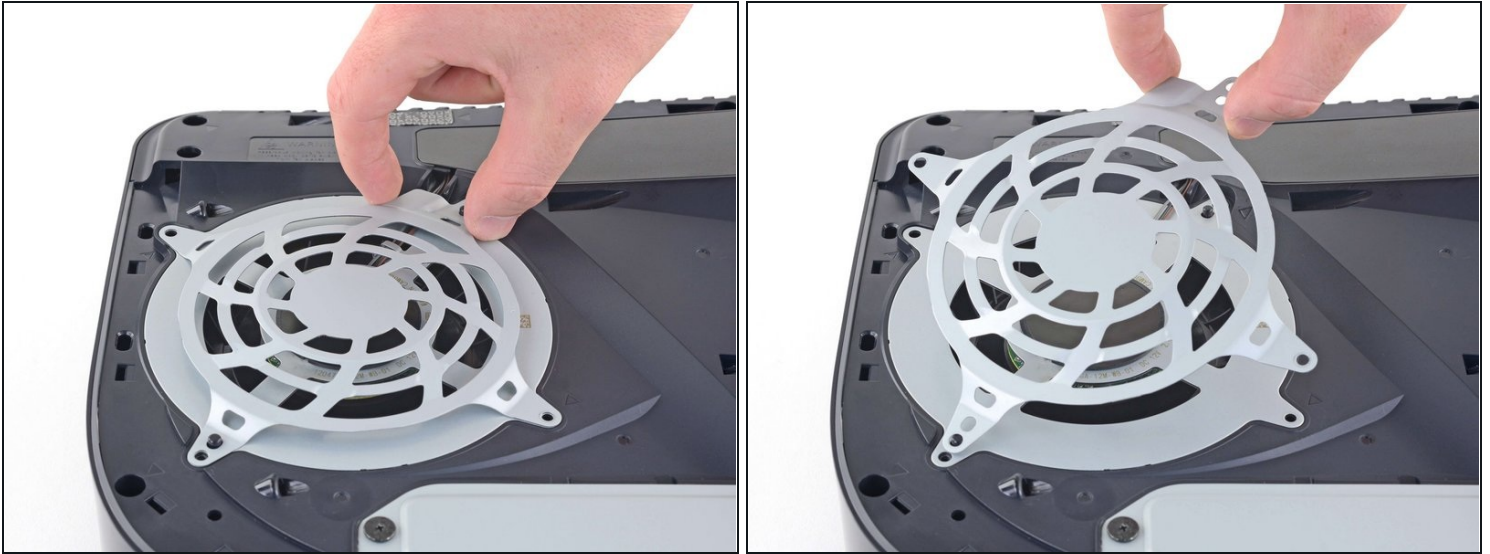
- Lift the grille away from the case to remove it.

Step 11 — Remove the fan shroud screws



- Use a TR9 Torx Security driver to remove the four screws securing the fan shroud to the case:
 - Two 23.3 mm-long screws
 - One 11.4 mm-long screw
 - One 31 mm-long screw
- ⓘ Throughout this repair, [keep track of each screw](#) and make sure it goes back exactly where it came from to avoid damaging your console.

Step 12 — Remove the fan shroud



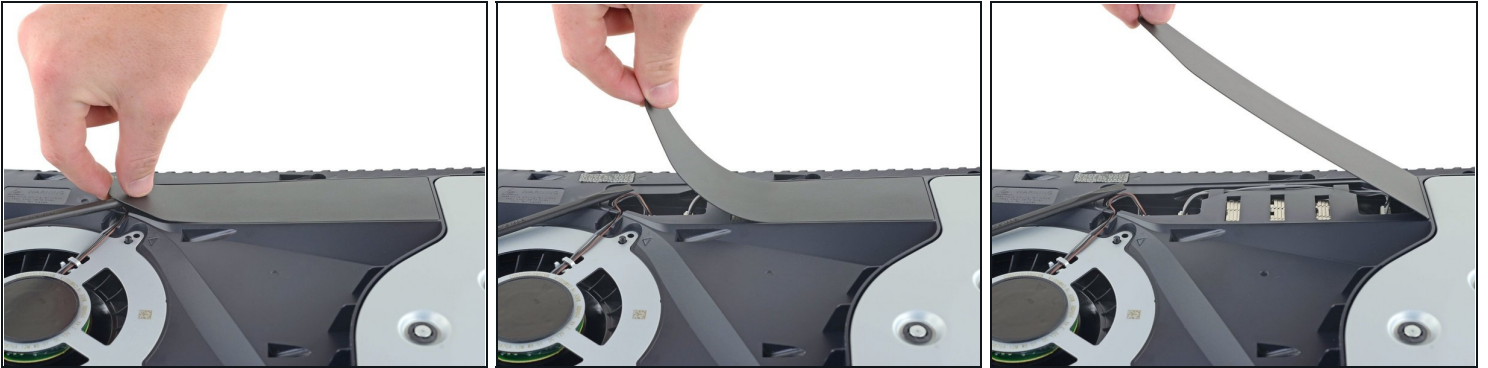
- Lift the fan shroud straight up to remove it.

Step 13 — Remove the wire cover



- Insert the flat end of a spudger beneath the black wire cover and into the gap above the fan wires.
⚠️ Pry only on the wire cover, not on the fan wires themselves.
- Use the spudger to peel up the wire cover until you can grip it with your fingers.

Step 14



- Use your fingers to peel off the wire cover.

Step 15 — Disconnect the fan



- Use your fingers to grip the edges of the fan cable connector, and pull up to disconnect it from the motherboard.

⚠ Always pull cables by their connectors and not the wires themselves.

Step 16 — Remove the fan



- Lift the fan up and out of the case to remove it.

Step 17 — Remove the SSD cover



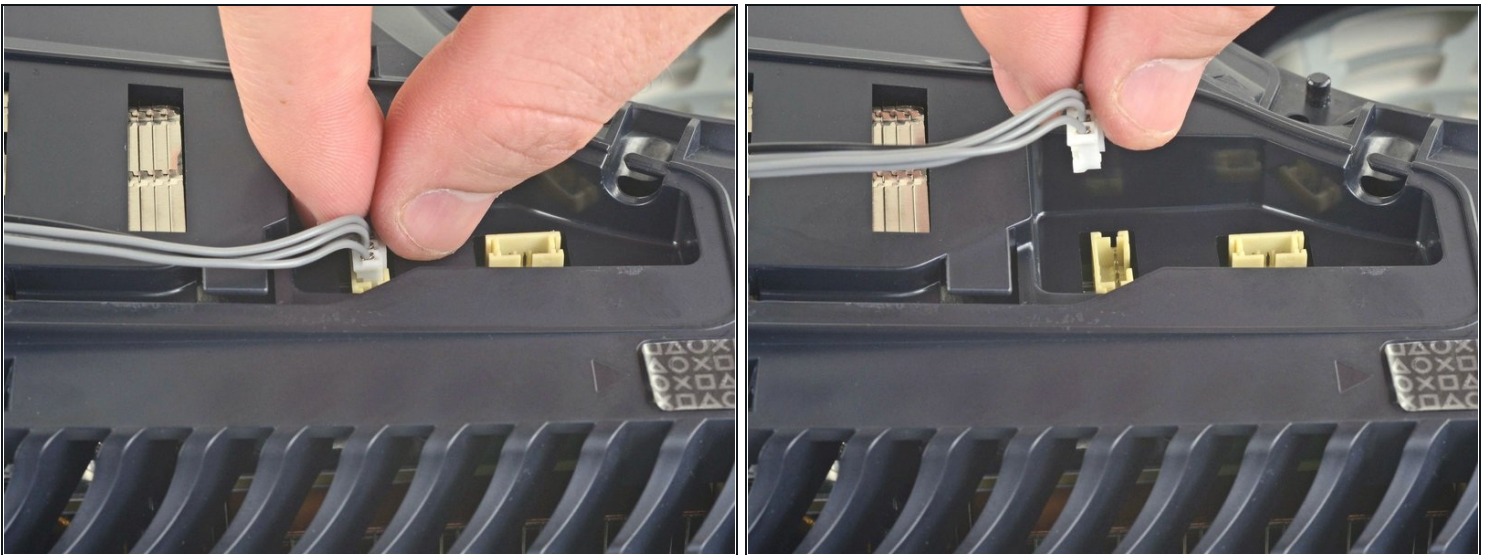
- Use a Phillips screwdriver to remove the 17 mm-long SSD cover screw.

Step 18



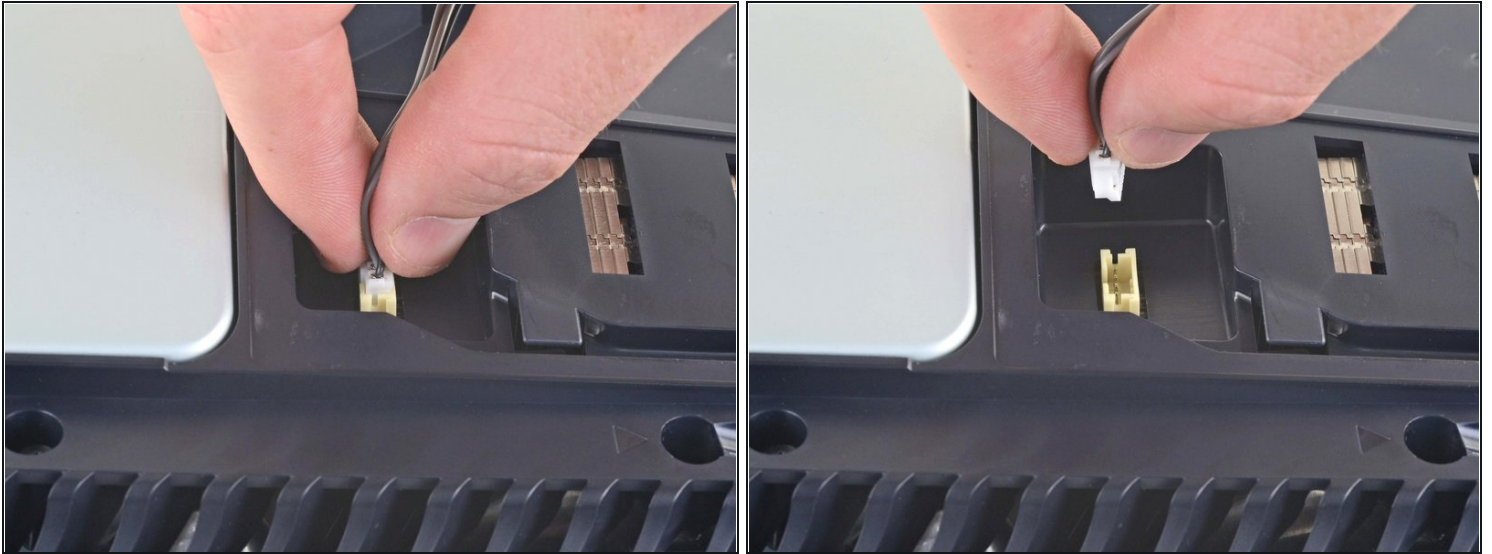
- Use your finger to slide the SSD cover towards the top of the device to unclip it from the case.
- Remove the SSD cover.

Step 19 — Remove the optical drive wire



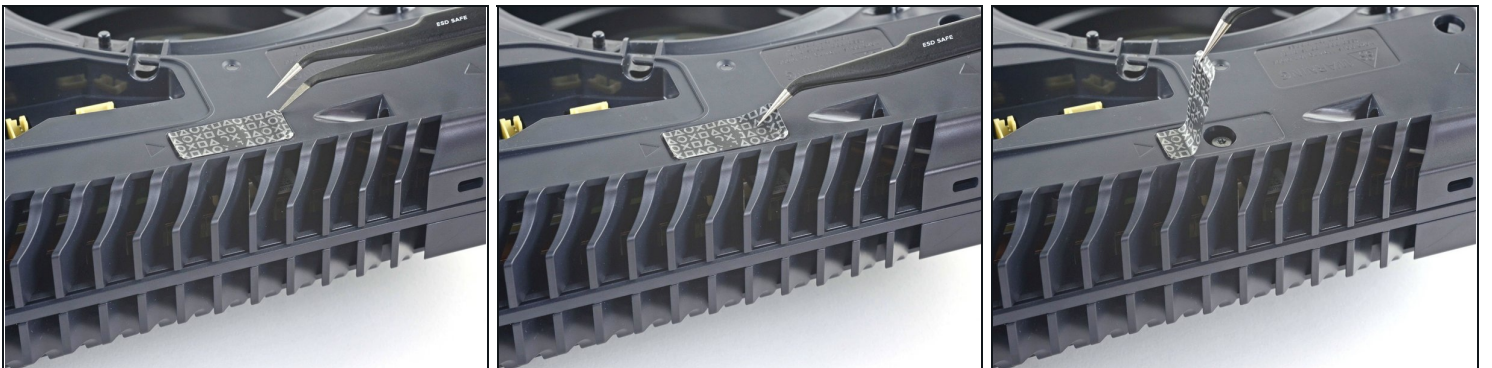
- Use your fingers to grip the edges of the optical drive cable connector, and pull up to disconnect it from the motherboard.
- ⚠ Always pull cables by their connectors and not the wires themselves.**

Step 20



- Use your fingers to grip the edges of the optical drive cable connector, and pull up to disconnect it from the optical drive.

Step 21 — Remove the tamper-evident sticker



- Use a pair of [tweezers](#) to remove the tamper-evident sticker covering the remaining case screw.
 - ① If your PlayStation 5 hasn't been opened before, this sticker will be completely black. The pattern will appear after you remove it.
 - ① Technically, these are tamper-evident stickers—but don't worry—[Sony can't legally void your warranty](#), as long as you don't damage anything. Have fun!

Step 22 — Remove the case screws



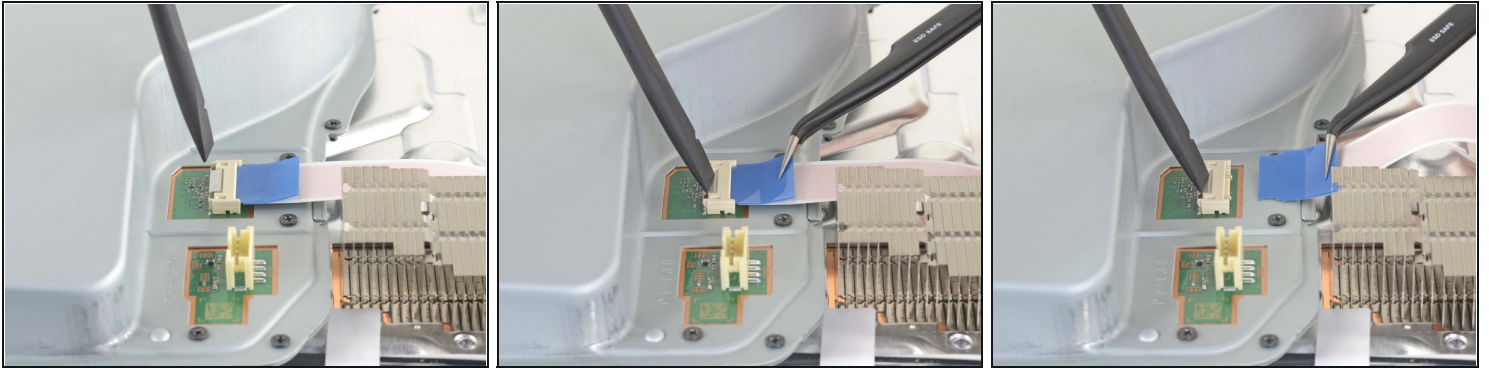
- Use a TR8 Torx Security driver to remove the eleven screws securing the case:
 - Six 18.6 mm-long screws
 - Two 23.3 mm-long screws
 - Two 43.2 mm-long screws
 - One 7.3 mm-long screw

Step 23 — Remove the case



- Lift the case straight up to remove it.

Step 24 — Remove the optical drive ribbon cable



- Use the flat end of a spudger to press down on the optical drive connector's metal locking tab.
 - With the metal tab depressed, use a pair of tweezers to pull the blue pull tab directly away from the connector to disconnect the cable from the optical drive.
- ⚠ Pull only on the pull tab, not the cable itself.

Step 25 — Remove the optical drive



- Lift the optical drive away from the device to remove it.

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 [PlayStation 5 Answers community](#) for help.