



# PlayStation 3 Fan Replacement

Use this guide to replace a burned-out fan on...

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# INTRODUCTION

Use this guide to replace a burned-out fan on your PlayStation 3.



## TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Spudger](#) (1)
- [TR10 Torx Security Screwdriver](#) (1)



## PARTS:

- [Sony PlayStation 3 Fan](#) (1)

## Step 1 — Smart Plate



- Use the tip of a spudger to remove the black rubber screw cover from the side of the PS3.
- ⓘ The screw cover may be underneath a warranty sticker. This sticker will change appearance, and show "VOID" after it has been removed.

## Step 2



- Remove the single 8.5 mm T10 Security Torx screw from the smart plate.

## Step 3



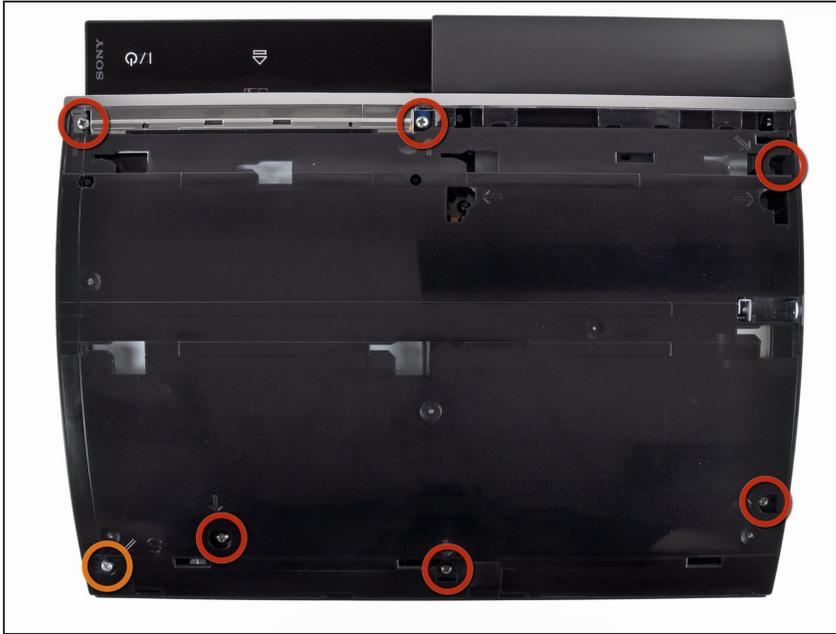
- Pull the smart plate toward the hard drive bay, then lift it off the body of the PS3.

## Step 4



**⚠** Be sure to keep track of the small metal bracket loosely held in the top cover, if equipped.

## Step 5 — Top Cover



- Remove the following seven screws:
  - Six 52 mm Phillips screws
  - One 30 mm Phillips screw

## Step 6



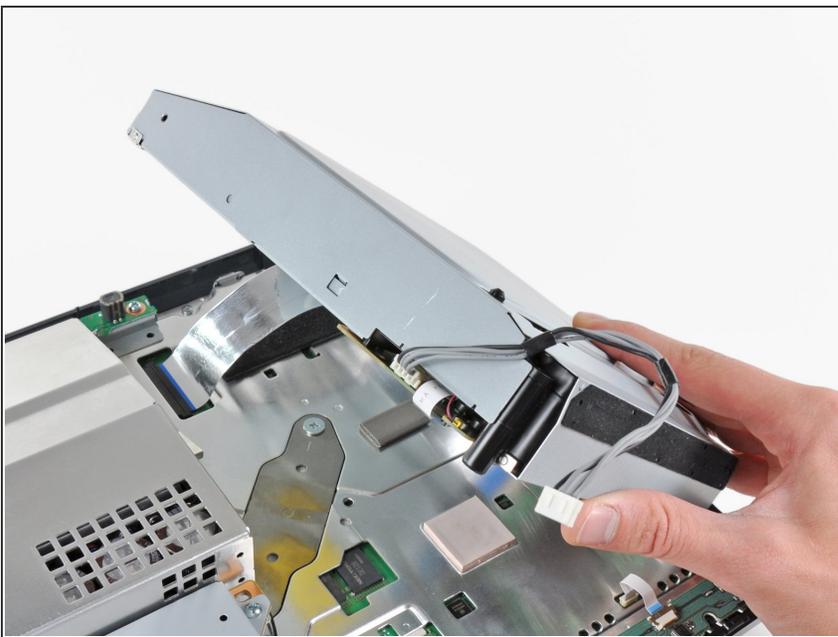
- Lift the top cover from its rear edge and rotate it toward the front of the PS3.
- Remove the top cover.
- There is a plastic hook located in a hole on the top back right hand side corner. Carefully push the plastic hook a bit from the rear of the machine with a spudger to release the rear right of the casing.

## Step 7 — Blu-ray Disc Drive



- Disconnect the Blu-ray power cable from the motherboard.
- ⓘ Pull the connector straight up and out of its socket.

## Step 8



- Lift the Blu-ray drive from the edge nearest the power supply and rotate it away from the chassis enough to access its ribbon cable.

## Step 9

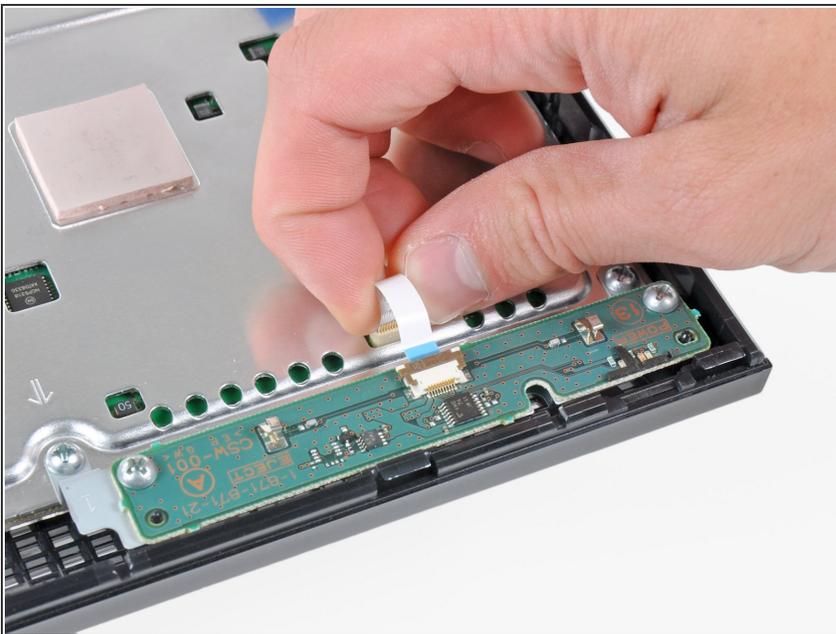


- Use your fingernail to flip up the retaining flap on the Blu-ray ribbon cable socket.

**⚠** Be sure you are prying up on the retaining flap, **not** the socket itself.

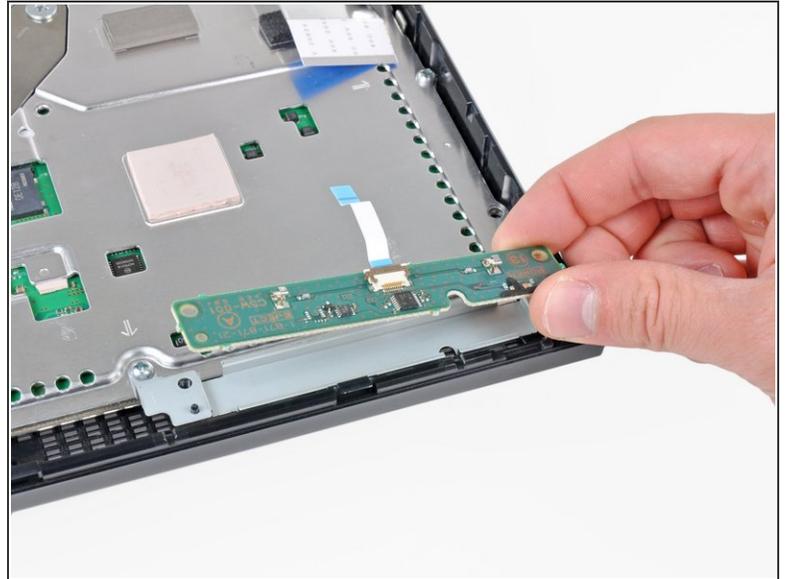
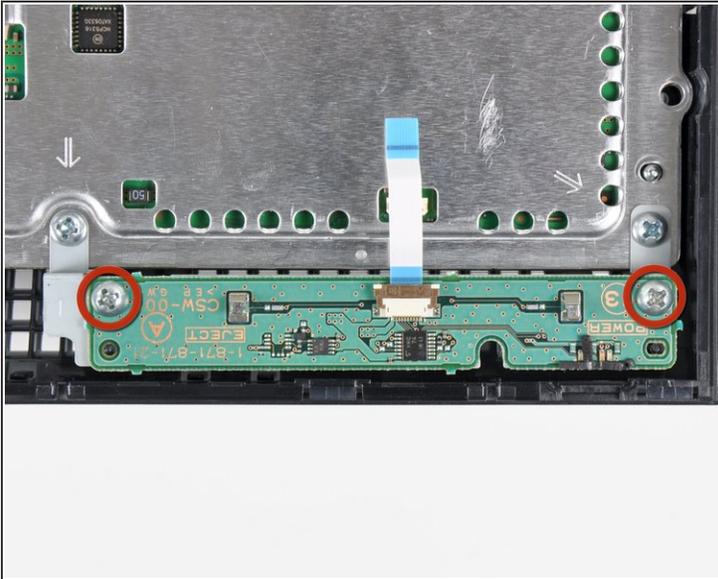
- Pull the ribbon cable out of its socket.
  - Remove the Blu-ray drive from the PS3.
- If replacing the Blu-ray drive, transfer the power cable to your new drive.

## Step 10 — Motherboard Assembly



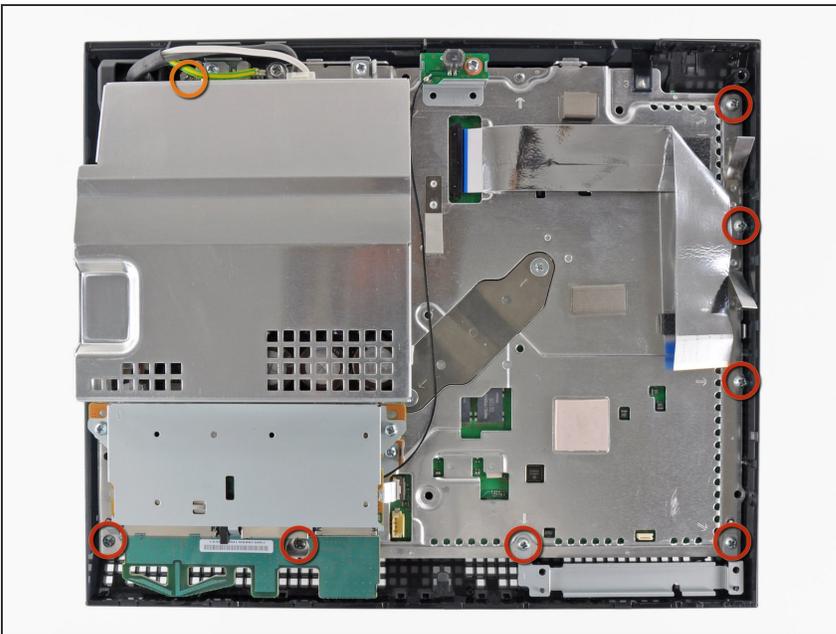
- Pull the control board ribbon cable straight up and out of its socket on the motherboard.

## Step 11



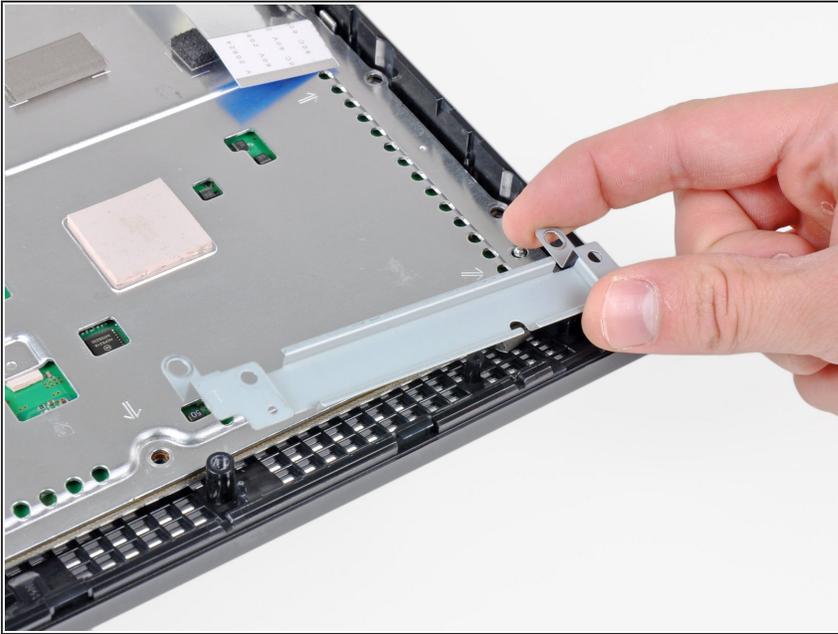
- Remove the two 12 mm Phillips screws securing the control board to the lower case.
- Remove the control board and its attached cable from the PS3.

## Step 12



- Remove the following eight screws securing the motherboard assembly to the lower case:
  - Seven 12 mm Phillips screws (ph2)
  - One 30 mm Phillips screw

## Step 13



- Remove the control board bracket.

## Step 14



- Use the flat end of a spudger to pry the hard drive bay cover away from the lower case.
- Remove the hard drive bay cover.

## Step 15



- Lift the motherboard assembly out of the lower case.

## Step 16 — Fan



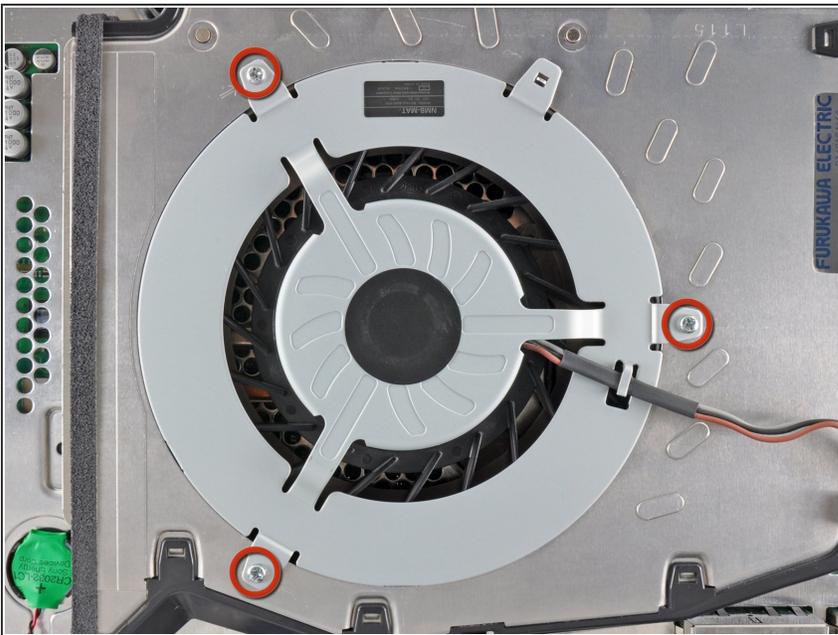
- De-route the fan cables from under the plastic finger molded into the heat sink.

## Step 17



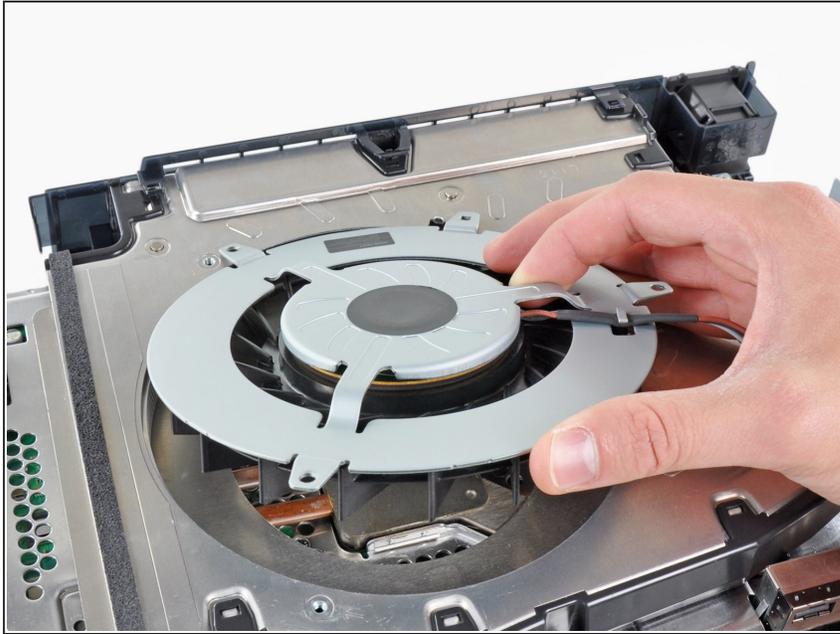
- Disconnect the fan from the motherboard.
- ⓘ Pull the connector straight up and out of its socket on the motherboard.

## Step 18



- Remove the three 5.7 mm #0 Phillips screws securing the fan to the heat sink.

## Step 19



- Remove the fan from the heat sink, minding its cables that may get caught.

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