



Playstation 3 Motherboard Enclosure Replacement

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INTRODUCTION

This guide provides the necessary steps to remove the entire motherboard enclosure from the Playstation 3.

TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [Spudger](#) (1)
- [T10 Torx Screwdriver](#) (1)

Step 1 — Top Cover



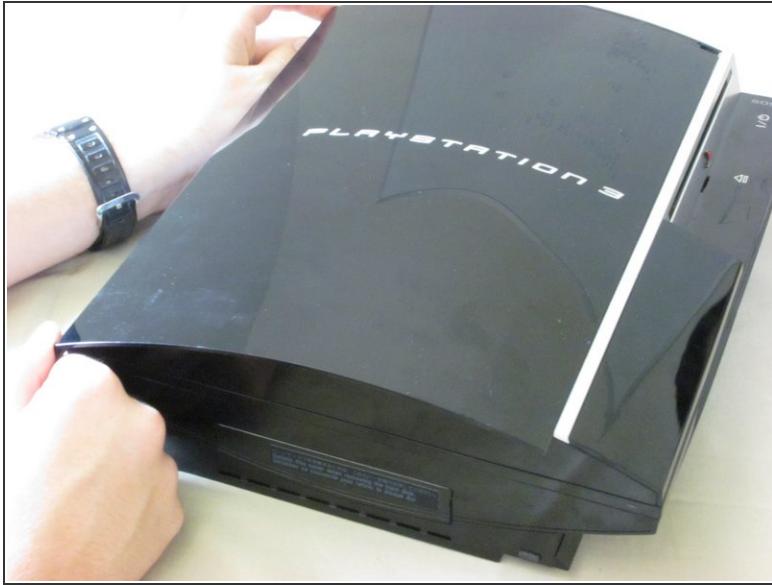
- Remove the rubber screw cover near the hard drive cover with a spudger.

Step 2



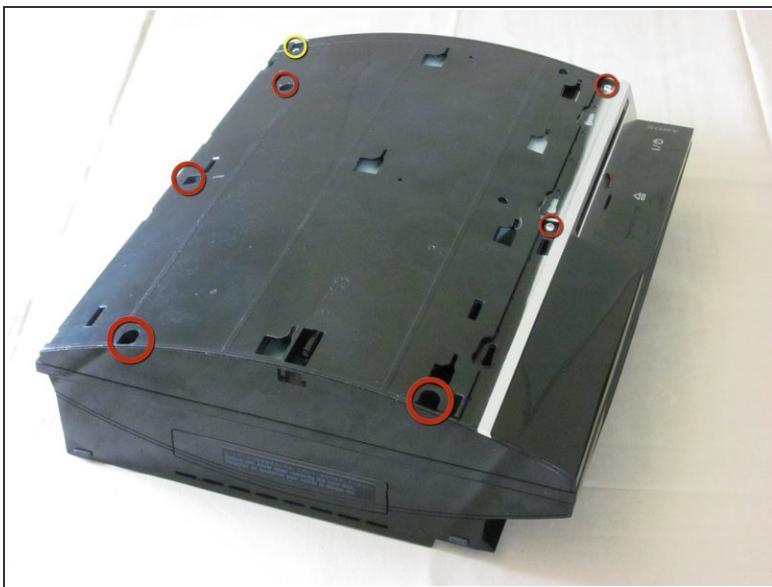
- Remove the screw holding the top cover in place with a Torx T10 screwdriver.

Step 3



- Slide the top cover down about half an inch.
- Lift the cover off of the PS3.

Step 4



- Remove the seven screws in the top cover with a Phillips #2 screwdriver.
- One of the screws is shorter than the others. The short screw is marked in yellow.

Step 5



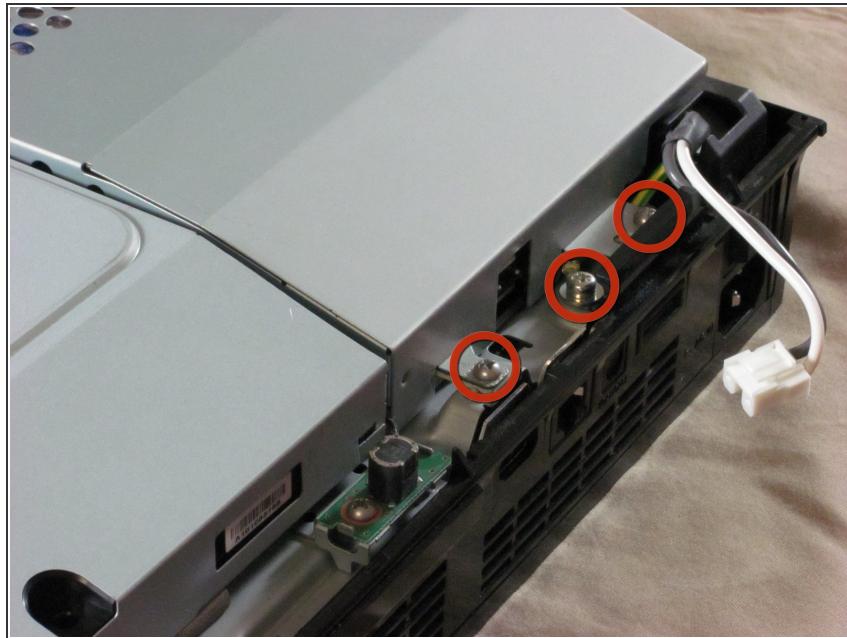
- You can now lift off the top cover.

Step 6 — Power Supply



- Unplug the white wires connected to the wireless board. There are two sets of wires: one set in the front, one in the back.
-  Push down the tab on the connector to disconnect the wires.
- Remove the two screws on the front of the power supply.

Step 7



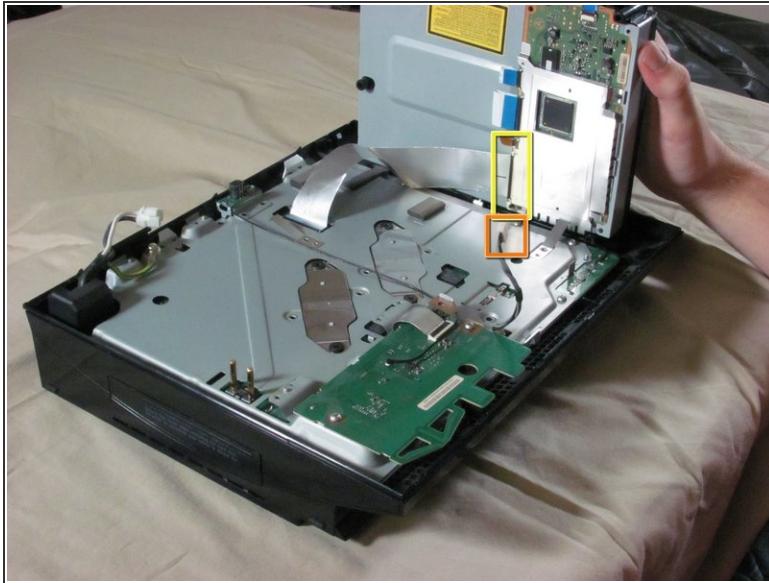
- Remove the screws on the back of the power supply with a Phillips #2 screwdriver.

Step 8



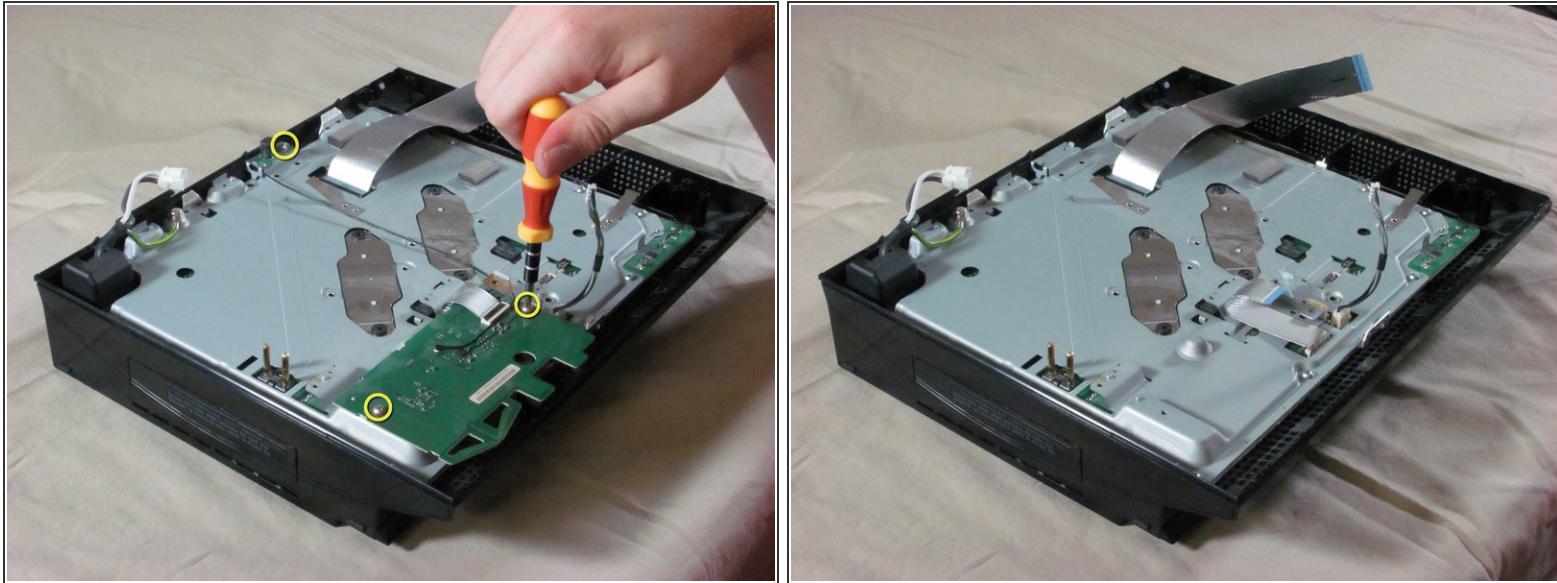
- Remove the power supply by lifting it straight up.

Step 9 — Motherboard Enclosure



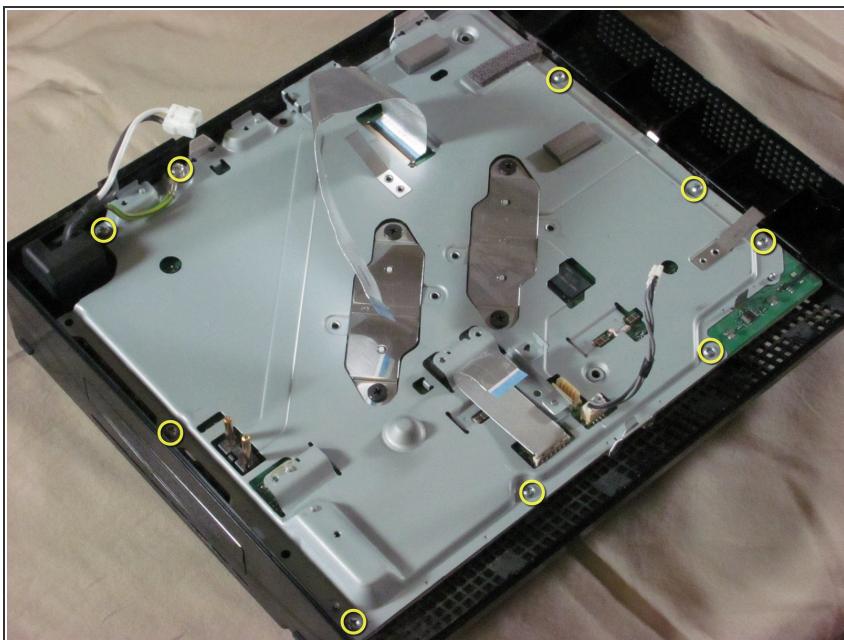
- Unplug the optical drive power cable.
- Detach the ribbon cable that connects the optical drive to the motherboard.
- Set the optical drive aside.

Step 10



- Remove three screws (Phillips #2) from the wireless board and antenna.
- Detach the ribbon cable that connects the wireless board to the motherboard.

Step 11



- Remove nine screws (Phillips #2) from the perimeter of the metal plate covering the motherboard.

Step 12



- Remove the hard drive door with a spudger.
- Lift the metal enclosure out of the plastic bottom case.

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