Sega Dreamcast Power Supply Replacement

Use this guide to install a power supply

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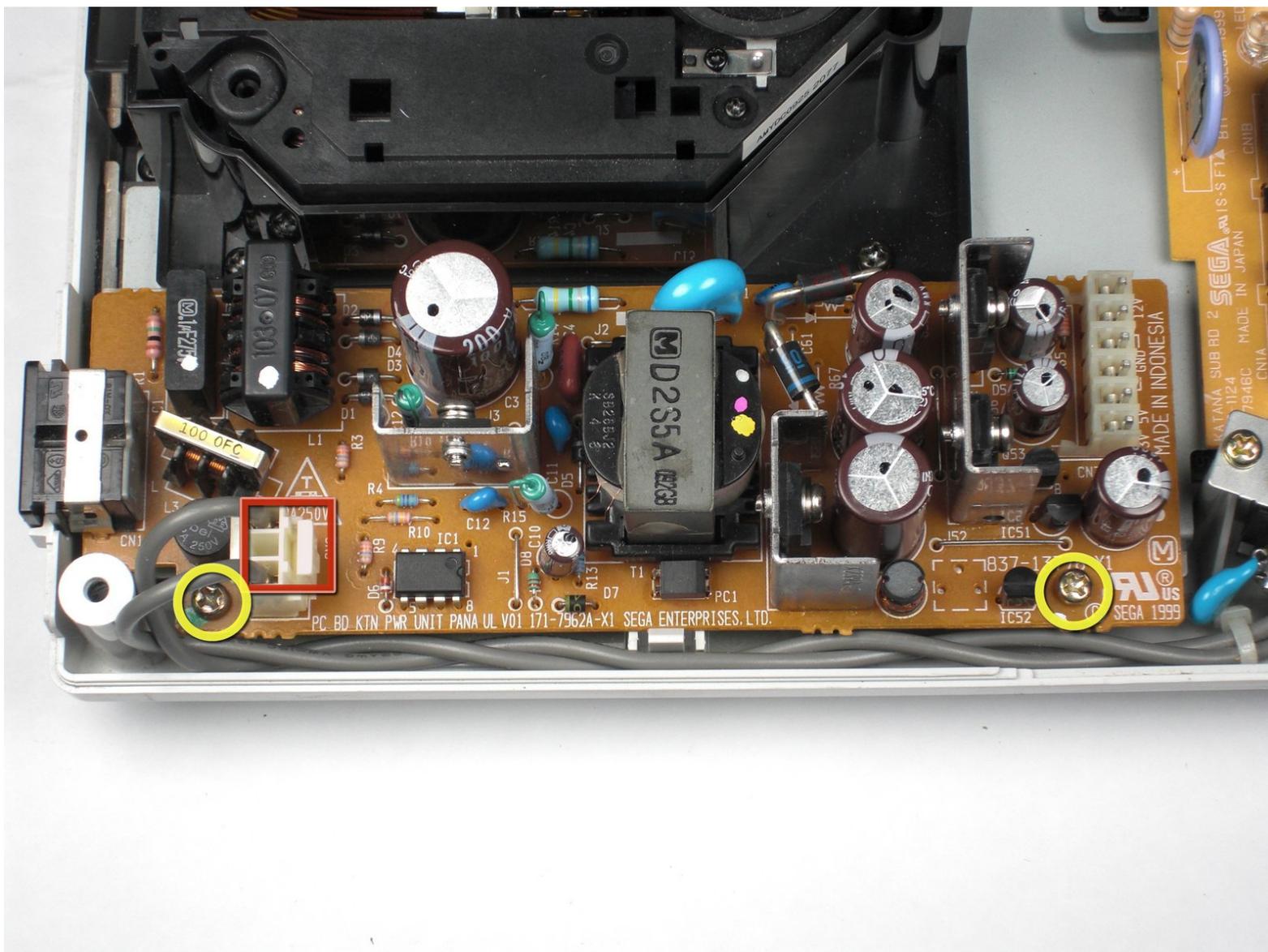
INTRODUCTION

Instructions on how to replace a defective Sega Dreamcast power supply with a working power supply.

🔧 TOOLS:

- 3" Needle nose pliers (1)
- Phillips #1 Screwdriver (1)

Step 1 — Expansion Bay
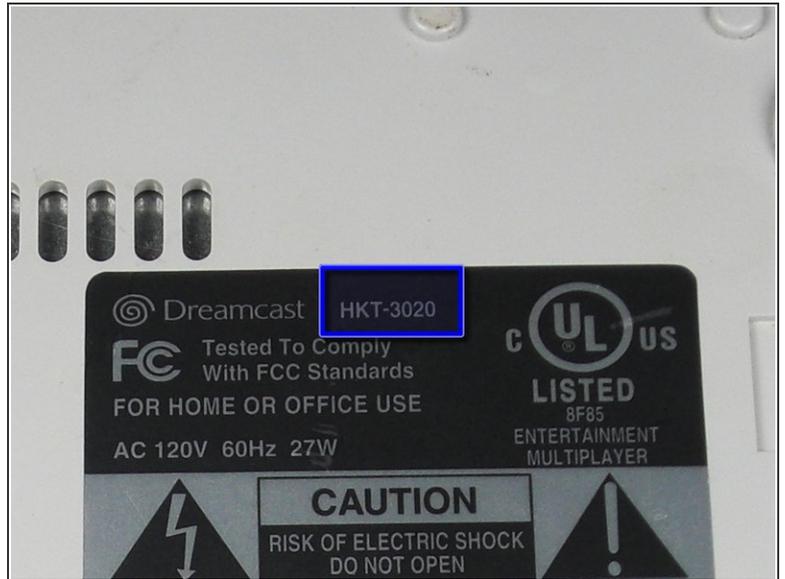
⚠ Verify that the console is disconnected from the AC outlet before you begin.

- **Flip the console** over on its back.

- **Take note of your model number**, in case replacement parts are needed.

Step 2

- **Remove the expansion bay** by applying pressure to the small clip on the expansion bay while prying it away from the console.

Step 3 — Top Cover

● **Locate and remove all four black 12mm Phillips #02 screws** from the underside of the console.

ⓘ Note: Remove the expansion bay to locate the fourth screw

Step 4

⚠ Internal components can be loose. Be careful that they do not fall out when removing the cover.

● Turn the console right side up.

● **Remove the top cover** by gently lifting the upper portion of the console.

Step 5 — Power Supply
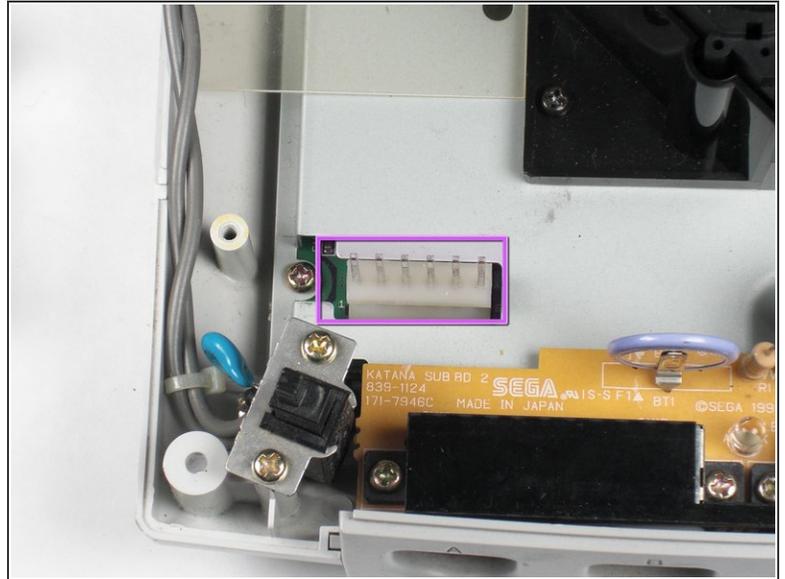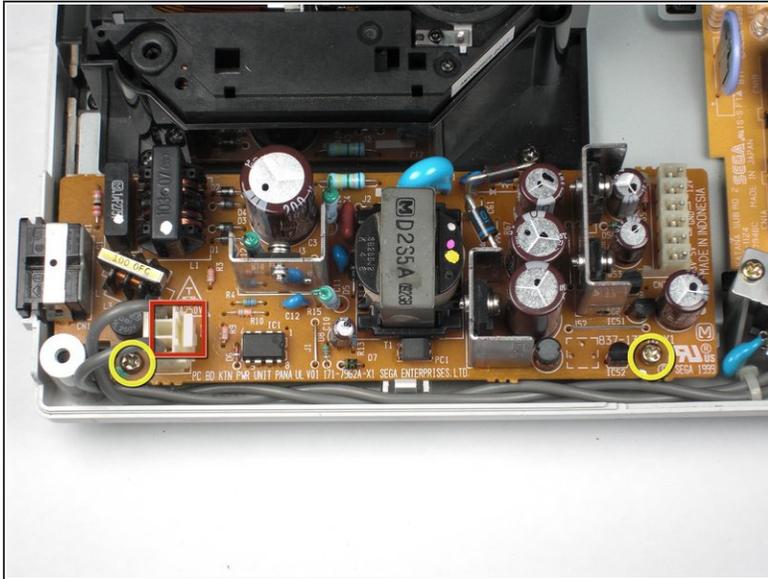
⚠️ **Unplug the device from the outlet. If you have just powered off the system, allow a few minutes for the capacitors to discharge before you begin working.**

- **Remove the white female pin head** by pinching and lifting directly up on the harness.

- **Remove the two Philips #02** screws from the board.

- **Remove the power board.** Using both hands, gently lift the power board away from the console without damaging the male pin head

Step 6
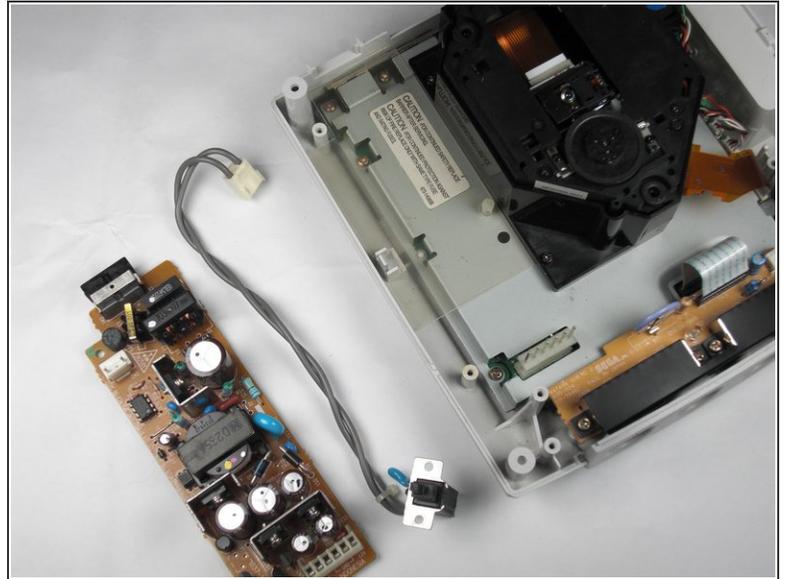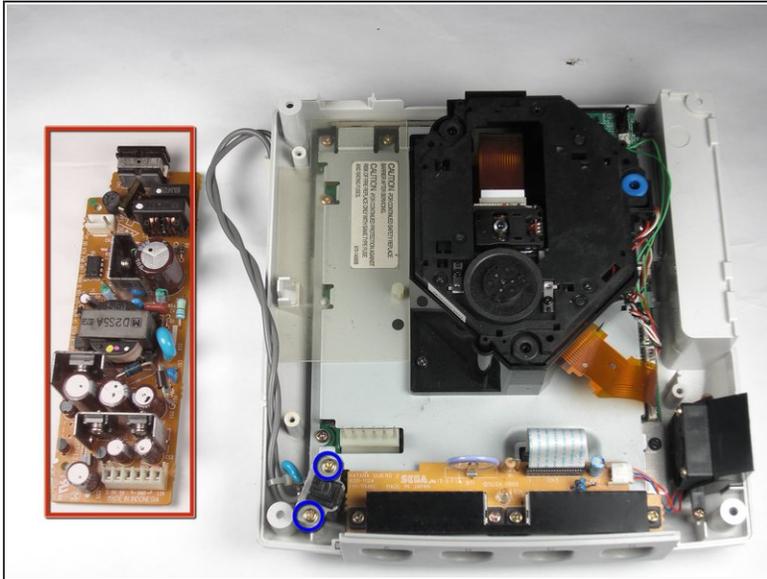
- **Remove the unit.** Carefully remove the power board from the console by lightly grasping the board by the edge and lifting directly upward.

- **Remove the two 10mm #02 Philips screws** to detach the switch module from the console.

- **Purchase a replacement power board.**

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

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