Sega Dreamcast GD-ROM Replacement

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This document was generated on 2019-09-17 06:08:39 PM (MST).

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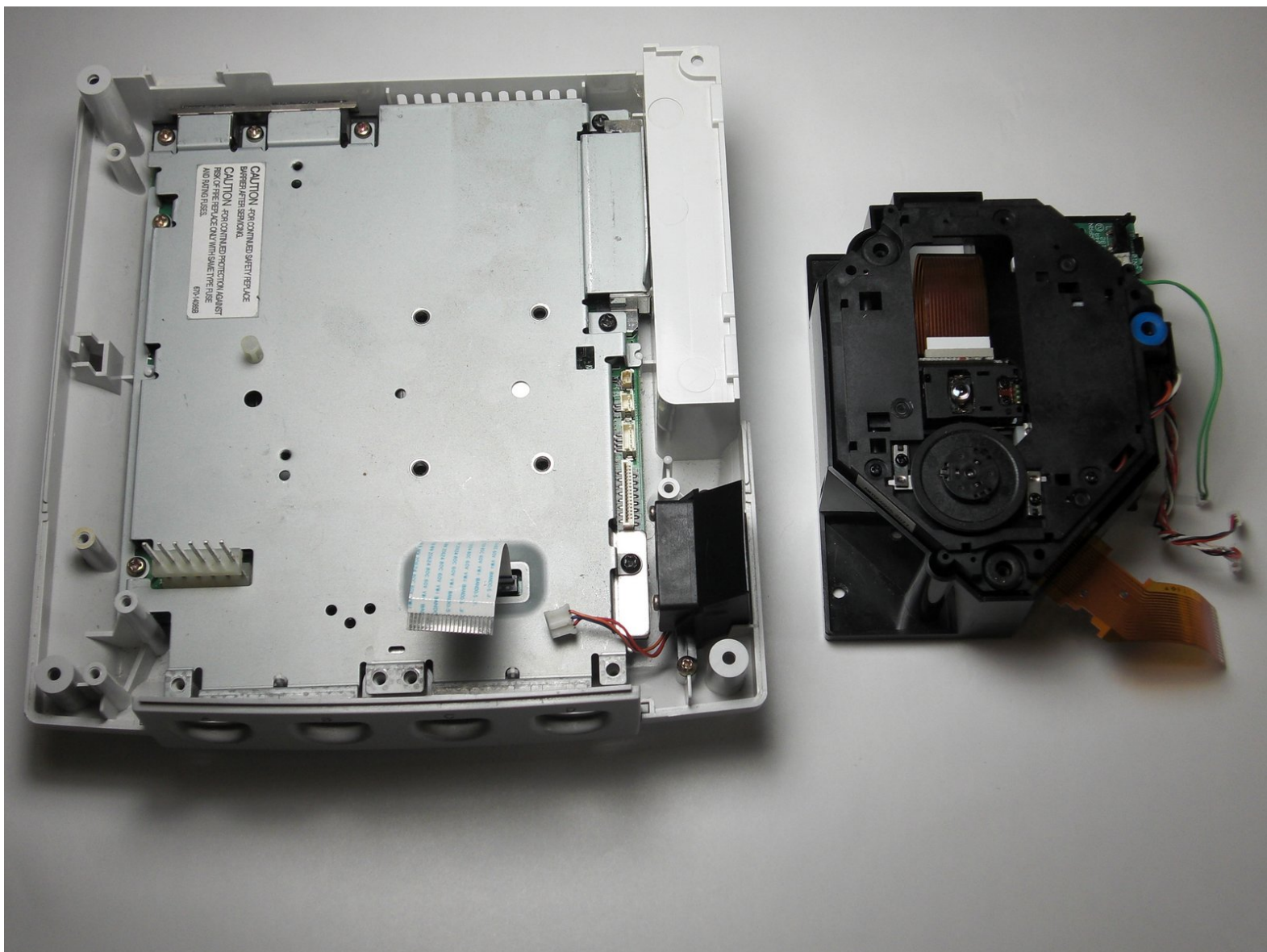
INTRODUCTION

This guide details how to replace a failed GD-ROM drive with a new working drive.

Be sure to replace the GD-ROM with one corresponding to your model number. Refer to the Top Cover Disassembly Guide for instructions on where to find your model number.
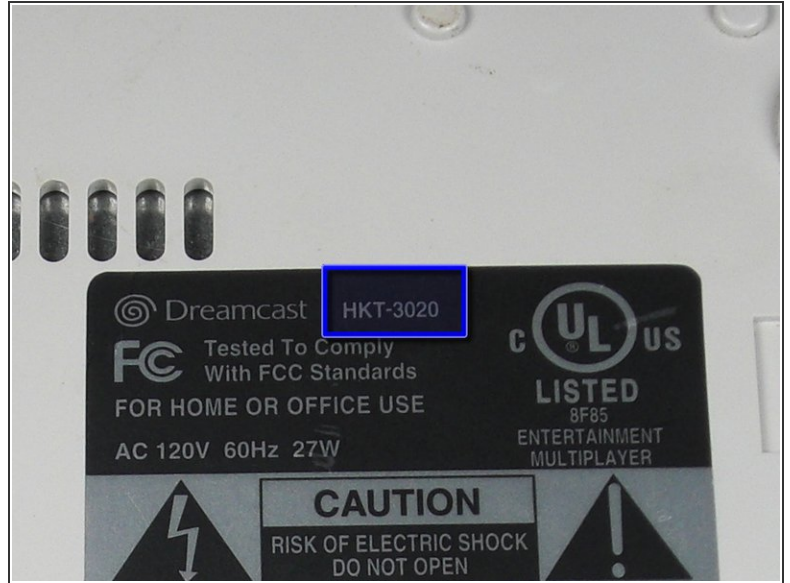
Problem with this guide: The photos incorrectly show the power supply has been removed.

TOOLS:

- Phillips #1 Screwdriver (1)

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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.

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Step 3 — Top Cover

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

- (i) 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.
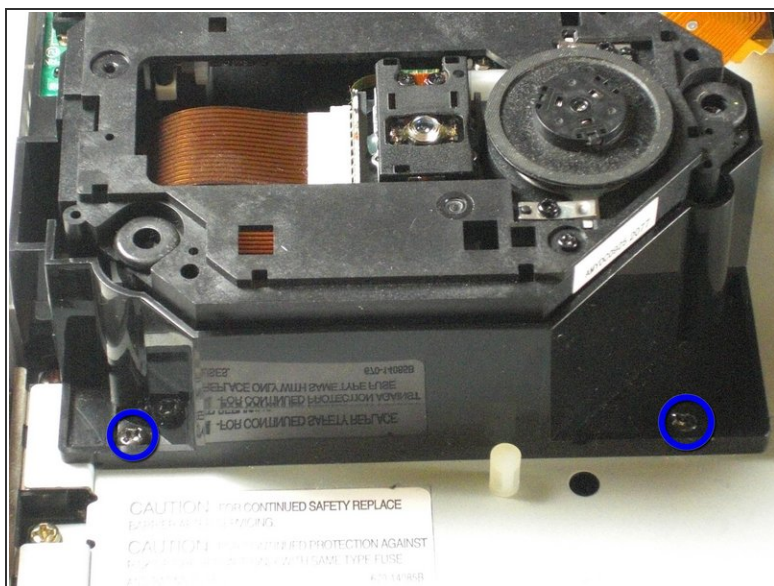
Step 5 — GD-ROM
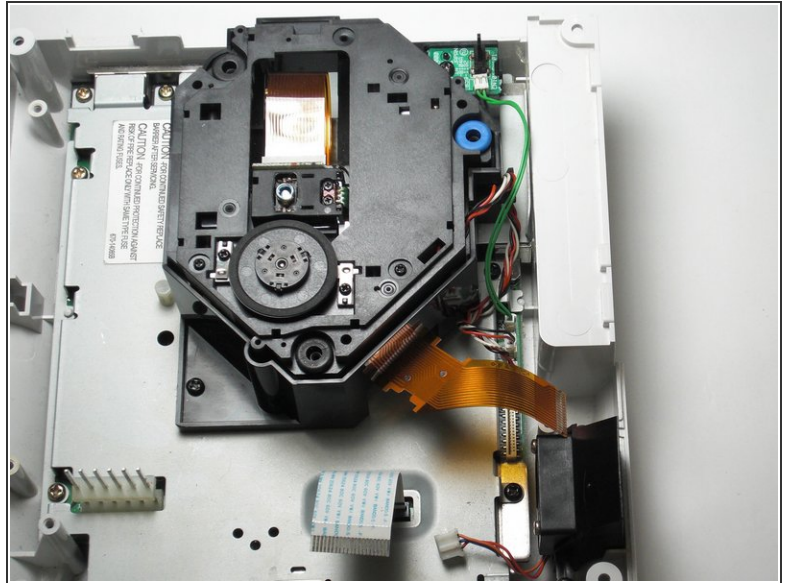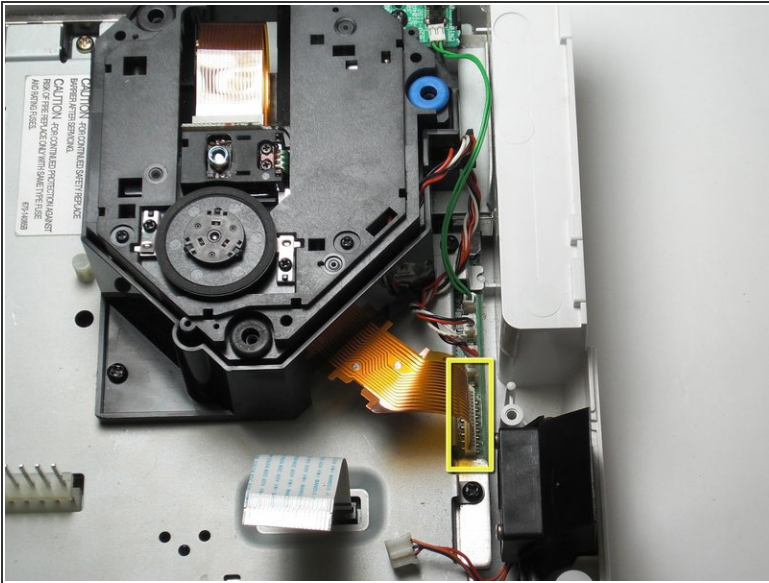
● **Detach the orange cable** by giving it a gentle pull while wiggling the cable back and forth until it loosens from the logic board.

Step 6
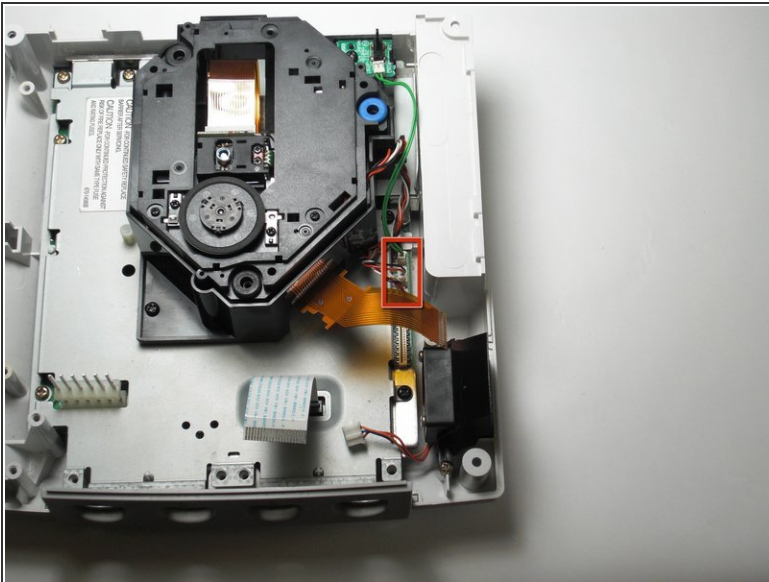
● **Detach the cables** by gently pulling the three GD-ROM cables to remove them from the logic board.

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Step 7

- **Remove the two black 12mm Philips #02 screws** located on the left side of the GD-ROM bracket.

- (i) The console is rotated 90 degrees counter-clockwise in the first photo. The second photo depicts the normal position.
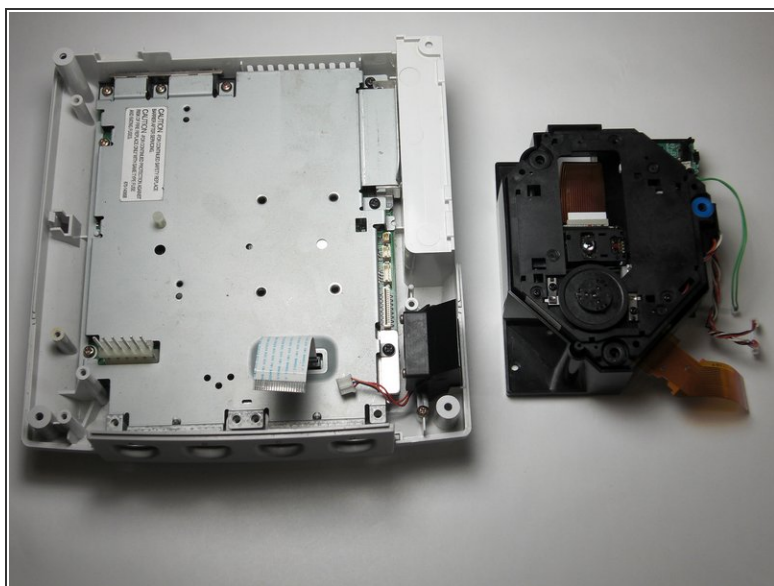
Step 8
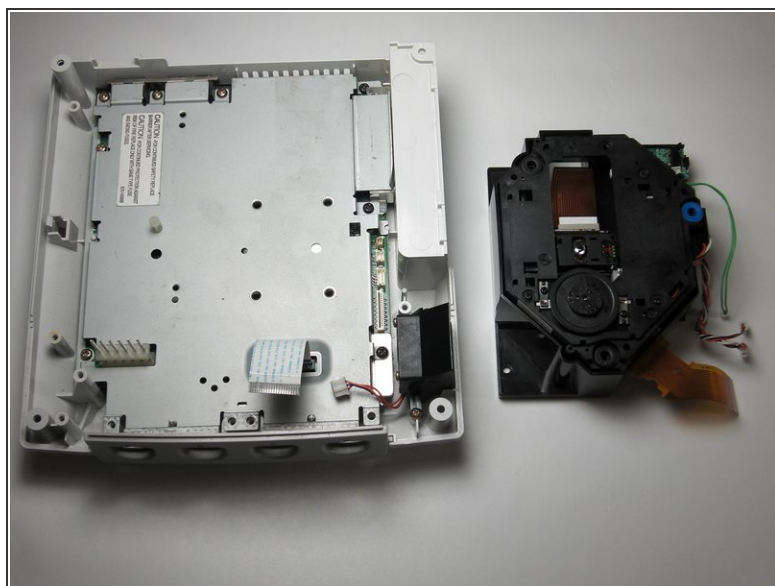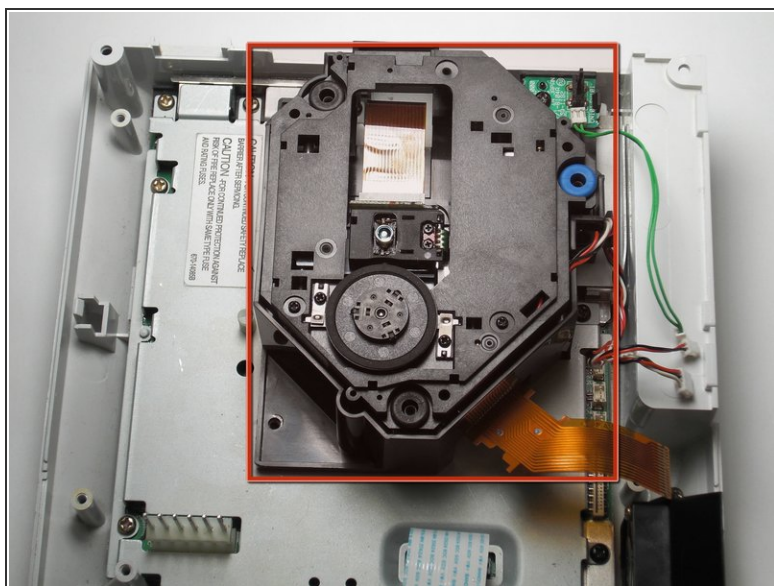
⚠️ When lifting the GD-ROM, be careful that the top half of the casing does not detached from its base.
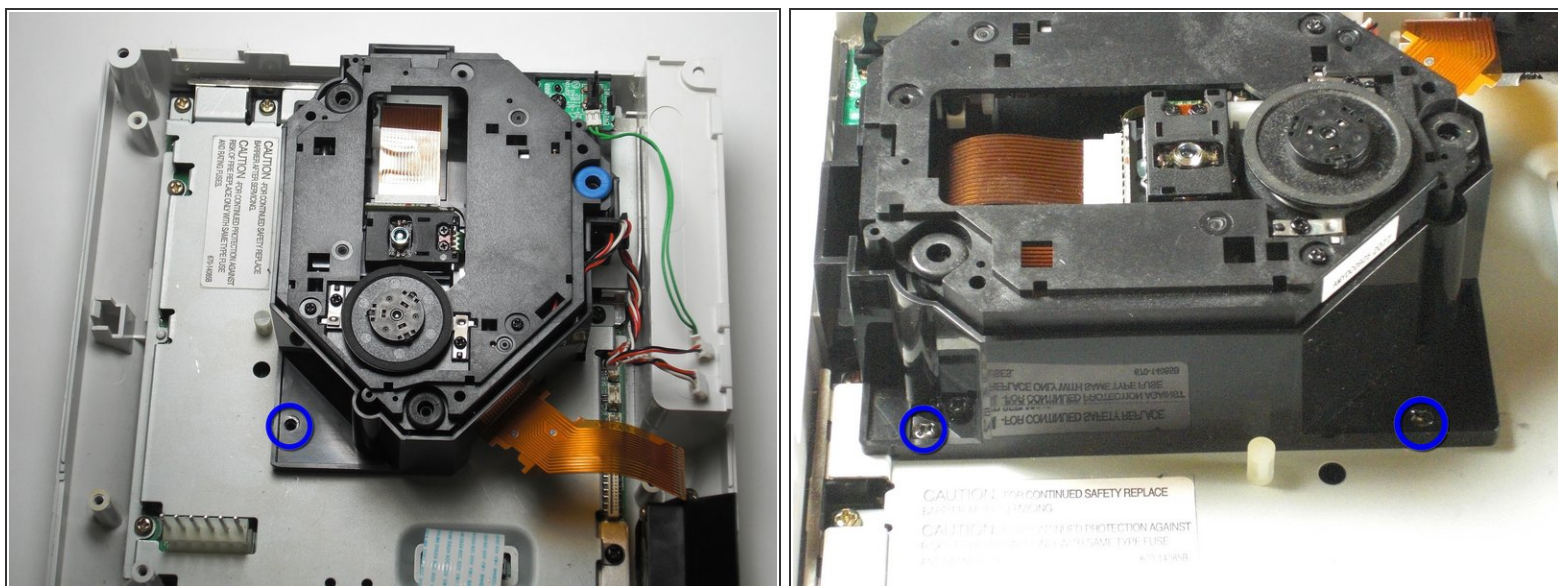
● **Remove the GD-ROM** by gently lifting it from its base.

Step 9 — GD-ROM

● **Replace the bad GD-ROM** drive with a functional one.

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Step 10

- **Secure the new GD-ROM drive to the console** with the Philips #2 screws.

Step 11

- **Connect the three GD-ROM cables** to the logic board.

- **Connect the GD-ROM data ribbon** to the logic board.