

ElecGear G95C12MS1CJ

ElecGear Internal Cooling Fan Replacement Kit for PlayStation 4 Pro (CUH-7xxx Series) User Manual

1. INTRODUCTION

This manual provides detailed instructions for installing the ElecGear internal cooling fan replacement kit for PlayStation 4 Pro consoles. The kit includes a high-quality replacement fan, thermal compound paste, and essential tools to address overheating and excessive fan noise in compatible PS4 Pro models. Proper installation is crucial for optimal performance and longevity of your console.

2. COMPATIBILITY

This replacement fan kit is specifically designed for the PlayStation 4 Pro (PS4 Pro) CUH-7xxx series consoles. It is not compatible with the original PlayStation 4 (CUH-1xxx series) or PlayStation 4 Slim (CUH-2xxx series) models.

- **Compatible Models:** PS4 Pro CUH-70xx, CUH-71xx, and CUH-72xx series. Examples include CUH-7000BB01, CUH-7000BB02, CUH-7015B, CUH-7100BB01, CUH-7100BB02, CUH-7100BA50, CUH-7115B, CUH-7200BB01, CUH-7200CB01, CUH-7215B, CUH-7218BBZQX.
- **Incompatible Models:** Original PS4 CUH-1xxx series (e.g., CUH-10xxA, CUH-11xxA/B, CUH-12xxA/B) and PS4 Slim CUH-2xxx series (e.g., CUH-20xx, CUH-21xx, CUH-22xx).

The fan included is the Nidec G95C12MS1CJ model, which is interchangeable with previous models G95C12MS1AJ-56J14 and Delta KSB1012H.

PS4 Pro Edition

The Repair Kit fits first PlayStation 4 Pro edition: **CUH-7xxx** full series
It is **NOT** compatible with original PS4 and PS4 Slim
- ElecGear Amazon -



PlayStation 4



CUH-10xxA
CUH-11xxA and B
CUH-12xxA and B

CUH-1000A, 1005A, 1006A, 1115A
CUH-1116A, 1200, 1200AB02, 1215A
CUH-1215B, 1001AB01 and more



PS4 Slim



CUH-20xx
CUH-21xx
CUH-22xx

CUH-10012, CUH-2015A, 2015B, 2115A
2016A, 2100K2, 2017AB01, 2000BB01
2215BB01 and more



PS4 Pro



CUH-70xx
CUH-71xx
CUH-72xx

CUH-7000, 7015B, 7016B, 7215B,
7100, 7115B, 7200, 7218BBZQX
and more

*The CUH- number can be
found at the back of console.
Please make sure before ordering!*



Image: Compatibility chart for PlayStation consoles. This chart visually distinguishes between compatible PS4 Pro models (CUH-7xxx) and incompatible PS4 (CUH-1xxx) and PS4 Slim (CUH-2xxx) models. It also shows where to locate the model number on the console.

Compatible Models

G95C12MS1CJ is the latest edition by Nidec. It was upgraded from G95C12MS1AJ-56J14. And it is interchangeable with Delta KSB1012H



Nidec G95C12MS1AJ-56J14
Nidec G95C12MS1CJ-56J14
Nidec G95C12MS1CJ-56Z40



Delta KSB1012H



Image: Comparison of compatible fan models. This image displays the Nidec G95C12MS1CJ fan alongside the Delta KSB1012H fan, illustrating their similar design and confirming their interchangeability for PS4 Pro consoles.

3. PACKAGE CONTENTS

The ElecGear internal cooling fan replacement kit includes the following components:

- 1x Nidec G95C12MS1CJ Internal Cooling Fan
- 1x Special CPU Thermal Compound Paste
- 1x TR8 Torx Security Screwdriver
- 1x Phillips #0 Screwdriver
- 1x Spudger (for safe prying)



Image: ElecGear PS4 Pro fan replacement kit. This image displays all components included in the kit: the internal cooling fan, a syringe of thermal paste, a TR8 Torx security screwdriver, and a Phillips #0 screwdriver.

4. SETUP AND INSTALLATION

Replacing the internal cooling fan and thermal paste in a PS4 Pro requires careful attention and technical knowledge. Professional installation is recommended. Please evaluate your comfort level with console disassembly and reassembly before proceeding.

4.1. Preparation

1. **Gather Resources:** It is highly recommended to watch online video tutorials for PS4 Pro disassembly and fan replacement. Search for 'PS4 Pro fan replacement' on platforms like YouTube or refer to the official ElecGear website for guides.
2. **Workspace:** Prepare a clean, well-lit, and organized workspace. Use an anti-static mat if available.
3. **Power Off:** Ensure your PS4 Pro console is completely powered off and unplugged from all power sources and peripherals.

4.2. Disassembly

1. Carefully remove the console's outer casing. This typically involves sliding off the top cover and then unscrewing various components.
2. Use the included TR8 Torx Security screwdriver and Phillips #0 screwdriver to remove the necessary screws

securing the internal components. Keep track of all screws and their locations.

3. Proceed with caution when disconnecting ribbon cables and connectors. Use the spudger to gently pry open plastic clips or connectors.
4. Locate and carefully remove the old cooling fan. Disconnect its 3-pin power cable.
5. Access the CPU heatsink. You will need to remove the heatsink to clean the old thermal paste and apply new paste.

4.3. Thermal Paste Application

Replacing the thermal paste is a critical step to ensure effective cooling and prevent future overheating issues.

1. **Clean Old Paste:** Thoroughly clean the old, dried thermal paste from both the CPU die and the heatsink contact surface. Use isopropyl alcohol (90% or higher) and a lint-free cloth or cotton swabs. Ensure surfaces are completely dry before proceeding.
2. **Apply New Paste:** Apply a small, pea-sized amount of the included thermal compound paste to the center of the CPU die.
3. **Spread Evenly:** Gently spread the thermal paste evenly across the entire surface of the CPU die. A thin, uniform layer is ideal.

Top Thermal Paste

Designed for Games Console
6.5W/m-k High Conductivity
Low Thermal Resistance
Non-Metallic & Easy to Apply
8 Year Durability Guarantee



Dried Thermal Paste



Cleaned CPU



Applied New

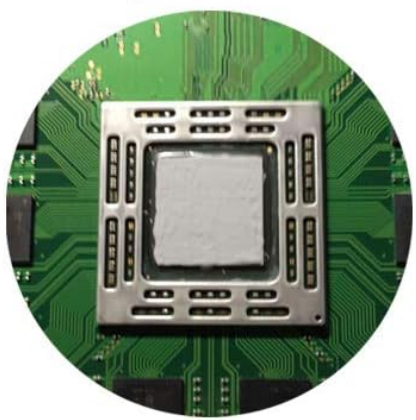


Image: Thermal paste application guide. This visual guide illustrates the three key stages of thermal paste management: showing dried thermal paste on a CPU, a cleaned CPU ready for new paste, and a CPU with new thermal paste correctly applied.

4.4. Fan Replacement and Reassembly

1. **Install New Fan:** Place the new ElecGear cooling fan into its designated position. Ensure it is seated correctly.
2. **Connect Power:** Connect the 3-pin power cable of the new fan to the motherboard.
3. **Reassemble:** Carefully reassemble the console by reversing the disassembly steps. Ensure all screws are

tightened appropriately and all cables are reconnected. Do not overtighten screws.

4. **Test:** Once fully reassembled, connect the console to power and a display. Power it on and monitor for proper fan operation and any unusual noises.

5. OPERATING

The ElecGear internal cooling fan operates automatically, controlled by the PS4 Pro's internal temperature sensors. It will adjust its speed as needed to maintain optimal operating temperatures for the console's components. A properly installed fan and fresh thermal paste will result in quieter operation and improved heat dissipation compared to a failing or old fan.

6. MAINTENANCE

- **Dust Cleaning:** Periodically clean dust from the console's vents and internal components using compressed air. This helps maintain airflow and fan efficiency.
- **Thermal Paste Longevity:** The included thermal paste is designed for long-term durability (up to 8 years). However, if you notice a significant increase in fan noise or console temperature after several years, consider reapplying thermal paste.

7. TROUBLESHOOTING

- **Fan Still Loud/Overheating:**
 - Ensure the thermal paste was applied correctly and evenly. Insufficient or improperly applied paste can lead to poor heat transfer.
 - Verify all fan cables are securely connected.
 - Check for any obstructions (e.g., dust, debris) in the heatsink fins or fan blades.
 - Confirm the fan model is correct for your PS4 Pro CUH-7xxx series.
- **Console Not Powering On:**
 - Double-check all internal cable connections, especially power cables and ribbon cables.
 - Ensure no components were damaged during disassembly or reassembly.
- **Fan Not Spinning:**
 - Verify the 3-pin fan connector is fully seated on the motherboard.
 - Ensure there are no physical obstructions preventing the fan blades from spinning.

8. SPECIFICATIONS

Brand	ElecGear
Model Number	G95C12MS1CJ
Compatible Console	PlayStation 4 Pro (CUH-7xxx Series)
Power Connector Type	3-Pin
Voltage	12 Volts
Wattage	6.5 watts

Cooling Method	Air
Noise Level	60 dB (maximum)
Material	Metal

9. WARRANTY AND SUPPORT

The included thermal compound paste offers an 8-year durability guarantee. The fan itself is brand-new, Sony authentic, and 100% tested to be in perfect working condition upon shipment.

For further assistance, detailed repair tutorials, or to contact support, please visit the official ElecGear website. You may also find helpful video guides on YouTube by searching for 'ElecGear PS4 Pro fan replacement'.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question