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› Journeyman-Pro 515PV-LIT Lighted 15 Amp NEMA 5-15P Male Plug Replacement Cord Outlet Connector Instruction Manual

Journeyman-Pro HJP-5278-w/Cap

Journeyman-Pro 515PV-LIT Lighted 15 Amp NEMA 5-15P Male Plug Replacement Cord Outlet Connector

Model: HJP-5278-w/Cap | Brand: Journeyman-Pro

1. INTRODUCTION

This manual provides instructions for the safe and proper installation, operation, and maintenance of the Journeyman-Pro 515PV-LIT Lighted 15 Amp NEMA 5-15P Male Plug Replacement Cord Outlet Connector. This product is designed for replacing damaged or worn plugs on various electrical cords, offering a durable and reliable connection with a power indicator light.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock. Improper installation or use can result in serious injury or death.

- Always disconnect power before working with electrical wiring.
- Ensure all connections are secure and properly insulated.
- Do not exceed the specified electrical ratings (15 Amp, 125 Volt).
- This product is for indoor and outdoor use, but ensure the cord and connections are suitable for the environment.
- If you are unsure about any part of the installation, consult a qualified electrician.

3. PRODUCT FEATURES

The Journeyman-Pro 515PV-LIT plug offers several features for enhanced performance and safety:

- **Heavy Duty Insulated Nylon Housing:** Provides high impact, chemical, and flame resistance (rated

V-2 per UL94).

- **NEMA 5-15P Configuration:** Standard 15 Amp, 125 Volt, 2-pole, 3-wire grounding plug.
- **Lighted Power Indicator:** An integrated LED illuminates when power is present, confirming connection.
- **Adjustable Cord Grip:** Accommodates wiring gauges from 10 AWG to 18 AWG, suitable for various cord sizes (No. 10-3, 12-3 through No. 18-3 cords).
- **Clear See-Thru Wiring Block:** Facilitates easy and accurate wiring with color-coded wire clamps for maximum conductivity.
- **Commercial Grade:** Designed for increased holding power and reduced overheating from loose connections.
- **cUL Listed:** Certified for safety and quality standards.



Image: Heavy Duty Insulated Nylon Housing. This image illustrates the robust construction of the plug, emphasizing its resistance to impact, chemicals, and flame, along with its NEMA 5-15P rating.

Image: Easy, Safe, and Reliable Internal Design. This image provides a cutaway view of the plug, detailing the clear wiring block, color-coded terminal clamps, and the adjustable multi-port cord grip for secure connections.

4. PACKAGE CONTENTS

- 1 x Journeyman-Pro 515PV-LIT Lighted 15 Amp NEMA 5-15P Male Plug Replacement Cord Outlet Connector

5. SETUP AND INSTALLATION

Follow these steps to properly install the replacement plug onto your electrical cord:

1. **Prepare the Cord:** Ensure the electrical cord is disconnected from any power source. Strip the outer jacket of the cord to expose the insulated wires (typically black, white, and green/ground). Strip

approximately 1/2 inch (1.27 cm) of insulation from the end of each wire.

2. **Unscrew the Bottom Clamp:** Locate the screw on the bottom clamp of the plug. Use a screwdriver to loosen and remove this screw, allowing the plug housing to be separated.
3. **Disassemble the Plug:** Carefully separate the two halves of the plug housing. The internal wiring block will be exposed.
4. **Pass the Wire Through:** Thread the prepared electrical cord through the rear opening of the plug housing. Ensure the cord grip components are correctly oriented.
5. **Connect the Wires:** Match the color-coded wires to the corresponding terminals on the wiring block:
 - **Green wire (Ground):** Connect to the green screw terminal.
 - **White wire (Neutral):** Connect to the silver screw terminal.
 - **Black wire (Hot/Live):** Connect to the brass screw terminal.

Ensure the bare wire ends are fully inserted into the terminals and tighten the screws securely. Tug gently on each wire to confirm a firm connection.

6. **Reassemble the Plug:** Carefully align the two halves of the plug housing, ensuring no wires are pinched. Reinsert and tighten the bottom clamp screw to secure the housing and the cord grip.
7. **Test the Connection:** Once assembled, plug the cord into a suitable outlet. The integrated LED indicator on the plug should illuminate, confirming power is present.



Image: Easy Installation Steps. This visual guide demonstrates the six key steps for installing the plug, from unscrewing the clamp to connecting the wires and reassembling the unit.



Image: Easy to Disassemble Plug. This image shows the plug separated into its main components, illustrating the straightforward process for accessing the wiring terminals.

6. OPERATING INSTRUCTIONS

Once properly installed on an electrical cord, the Journeyman-Pro 515PV-LIT plug operates like any standard NEMA 5-15P plug. The key operational feature is the integrated power indicator light:

- **Power Indicator:** When the plug is inserted into a live 120-125 Volt NEMA 5-15R receptacle, the clear housing will illuminate. This light indicates that power is flowing through the plug to the connected device.
- If the light does not illuminate when plugged into a known live outlet, refer to the Troubleshooting section.

7. MAINTENANCE

The Journeyman-Pro 515PV-LIT plug requires minimal maintenance:

- **Cleaning:** Disconnect the plug from power before cleaning. Wipe the exterior with a dry, clean cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the plug and the connected cord for any signs of damage, wear, or loose connections. If damage is found, discontinue use and replace the plug or cord as necessary.
- Ensure the cord grip remains tight to prevent strain on the internal wire connections.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light indicator does not illuminate when plugged in.	No power from the outlet. Loose or incorrect wiring connection. Damaged LED or internal component.	Test the outlet with another device. Disconnect power and re-check wire connections inside the plug. If wiring is correct and outlet is live, the plug may be faulty and require replacement.

Problem	Possible Cause	Solution
Device connected to the cord does not receive power.	No power from the outlet. Loose or incorrect wiring connection. Faulty device or cord.	Verify the outlet is live. Check all wire connections within the plug and along the cord. Test the device with a different power source or cord.
Plug feels warm during use.	Overload. Loose connections. Damaged plug or cord.	Ensure the connected device's power requirements do not exceed 15 Amps / 1875 Watts. Disconnect power and re-tighten all wire connections. Discontinue use and replace if the plug or cord is damaged.

9. SPECIFICATIONS

Specification	Value
Amperage	15 Amps
Voltage	120-125 Volts
Wattage	1875 Watts
NEMA Configuration	5-15P
Number of Poles	2
Number of Wires	3 (Grounding)
Wiring Gauge Compatibility	10, 12, 14-18 AWG (for No. 10-3, 12-3 through No. 18-3 cords)
Material	Brass, Polyvinyl Chloride (PVC) / Nylon Housing
Color	Black
Certification	cUL Listed (91GG)
Item Model Number	HJP-5278-w/Cap
UPC	791082314047
Item Weight	2.08 ounces
Package Dimensions	3.11 x 1.54 x 1.5 inches

PRODUCT DIMENSIONS

BUILT FOR COMPATIBILITY



Image: Product Dimensions. This diagram provides key measurements of the plug, indicating its physical size for compatibility assessment.

10. WARRANTY AND SUPPORT

The Journeyman-Pro 515PV-LIT plug comes with a **LIFETIME WARRANTY**, ensuring long-term reliability and customer satisfaction. For technical support, warranty claims, or any questions regarding this product, please contact Journeyman-Pro customer service through their official website or the retailer where the product was purchased.