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› [Leviton 15 Amp, 125 Volt, Straight Blade, Industrial Grade Grounding Plug \(Model 5266-B\) Instruction Manual](#)

## Leviton 5266-B

# Leviton 15 Amp, 125 Volt, Straight Blade, Industrial Grade Grounding Plug (Model 5266-B) Instruction Manual

Model: 5266-B

## INTRODUCTION

This manual provides detailed instructions for the safe and proper installation and use of the Leviton 15 Amp, 125 Volt, Straight Blade, Industrial Grade Grounding Plug, Model 5266-B. This device is designed for reliable performance in demanding environments.



Image: Leviton 15 Amp, 125 Volt, Straight Blade, Industrial Grade Grounding Plug (Model 5266-B).

## IMPORTANT SAFETY INFORMATION

**WARNING: Shock Hazard.** To avoid risk of serious injury or death, turn power off at the circuit breaker before wiring any electrical device.

- Always ensure power is disconnected before beginning installation.
- Follow all local and national electrical codes.
- If you are unsure about any part of these instructions, consult a qualified electrician.
- Do not use this device if it appears damaged.

## SETUP AND INSTALLATION

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This section details the steps required to properly wire the Leviton 5266-B plug to an electrical cable.

### Tools Required:

- Phillips Head Screwdriver
- Wire Strippers
- Wire Cutters

### Wiring Procedure:

**1. Prepare the Plug:**

Using a Phillips head screwdriver, loosen the quick-release screws on the faceplate of the plug. Carefully remove the faceplate from the body housing.

**2. Prepare the Cable:**

Loosen the two strain relief screws on the plug's body housing. Feed the electrical cable through the strain relief and into the body housing. Strip the cord jacket according to the diagram provided in the instruction sheet (typically 1.5 inches). Remove the cord jacket to expose the individual wires.

**3. Trim the Ground Wire:**

The green (ground) wire needs to be approximately 1 inch long. Use wire strippers to cut the green wire to the appropriate length.

**4. Strip Individual Wires:**

Strip approximately 5/8 inch of insulation from all individual wires (green, white, and any hot wires). Twist the strands of each wire tightly to prevent fraying.

**5. Connect the Ground Wire:**

Loosen the green ground screw located in the center of the faceplate. Insert the stripped green (ground) wire into the wire well of the green terminal. Tighten the terminal screw securely.

**6. Connect the Neutral Wire:**

Loosen the silver terminal screw. Insert the stripped white (neutral) wire into the wire well of the silver terminal. Tighten the terminal screw securely.

**7. Connect Hot Wires:**

Loosen the brass terminal screws. Insert the remaining stripped wires (hot wires, typically black or red) into the wire wells of the brass terminals. Tighten the terminal screws securely.

**8. Reassemble the Plug:**

Align the channel guide on the body housing with the faceplate. Slide the faceplate into the body housing. Using a Phillips head screwdriver, tighten the quick-release screws on the faceplate to secure it to the body housing.

**9. Tighten Strain Relief:**

Tighten both screws on the strain relief to secure the cable and prevent tension on the internal wiring connections.

**10. Note for Larger Wires:**

If your cable is larger than the groove on the strain relief, a section of the strain relief can be removed to accommodate larger wire gauges.

## Installation Video:

For a visual guide on wiring the Leviton Black and White Plug and Connector, please refer to the video below:

Your browser does not support the video tag.

Video: Instructions on how to wire a Leviton Black and White Plug and Connector. This video demonstrates the step-by-step process of disassembling the plug, preparing the cable, connecting the ground, neutral, and hot wires, and reassembling the device, including tightening the strain relief.

## OPERATING INSTRUCTIONS

Once properly wired and assembled, the Leviton 5266-B plug is ready for use. Insert the plug into a compatible 125V, 15 Amp receptacle. Ensure a secure connection. This industrial-grade plug is designed for demanding applications, providing reliable power transmission.

## MAINTENANCE

- Periodically inspect the plug and cable for any signs of wear, damage, or loose connections.
- Ensure the strain relief is tight to prevent cable pull-out and damage to internal wiring.
- Clean the exterior of the plug with a dry cloth. Do not use liquid cleaners or immerse the plug in water.
- If any damage is observed, discontinue use immediately and replace the device.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to connected device	Loose wire connection; tripped circuit breaker; faulty receptacle.	Check all wire connections inside the plug. Reset the circuit breaker. Test the receptacle with another known working device.
Plug feels hot during use	Overload; loose connection; damaged wire.	Reduce load on the circuit. Check for loose connections. Inspect wires for damage. Discontinue use if overheating persists.
Cable pulls out of plug	Loose strain relief.	Tighten the strain relief screws securely.

## SPECIFICATIONS

- Brand:** Leviton
- Model Number:** 5266-B
- Amperage:** 15 Amps
- Voltage:** 125 Volts
- Plug Format:** Type B (NEMA 5-15P configuration)
- Product Grade:** Industrial
- Number of Wires:** 3 (Grounding)
- Material:** Tough Nylon (Body), Thermoplastic (Back Cover)
- Color:** Black
- Product Dimensions:** 2.32 x 5.08 x 2.32 inches

- **Item Weight:** 3.2 ounces
- **Approvals:** UL 498, CSA C22.2, NOM 057, FED SPEC WC-596
- **UPC:** 078477142950

## WARRANTY AND SUPPORT

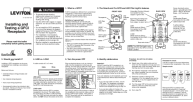
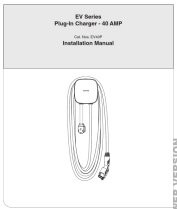
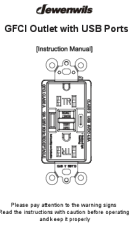
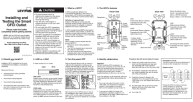
This Leviton product is covered by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the official Leviton website or contact their customer service directly. Keep your purchase receipt for warranty purposes.

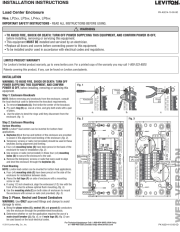

For more information, visit the [Leviton Store on Amazon](#).



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### Related Documents - 5266-B

	<p><a href="#">Leviton GFCI Receptacle Installation and Testing Guide</a></p> <p>A comprehensive guide on how to install and test a Leviton SmartLock Pro GFCI Receptacle, including wiring instructions, safety precautions, and troubleshooting tips.</p>
	<p><a href="#">Leviton EV40P EV Series 40 AMP Plug-In Charger Installation Manual</a></p> <p>Installation manual for the Leviton EV40P EV Series 40 AMP Plug-In Electric Vehicle Charger. Includes safety warnings, specifications, installation steps, operating procedures, RFID card usage, error messages, maintenance, and warranty information.</p>
	<p><a href="#">Leviton GFCI Outlet with USB Ports Installation and Operation Manual</a></p> <p>Comprehensive guide for installing and operating Leviton GFCI Outlets with USB Ports, including wiring instructions, safety warnings, testing procedures, and warranty information.</p>
	<p><a href="#">Installing and Testing Leviton Smart GFCI Outlet: A Comprehensive Guide</a></p> <p>Step-by-step instructions for installing and testing Leviton Smart GFCI outlets (models D2GF1, D2GF2). Learn about GFCI functionality, wiring, troubleshooting, and safety precautions.</p>

	<p><a href="#">Leviton Load Center Enclosure Installation Instructions</a></p> <p>Detailed installation instructions for Leviton Load Center Enclosures, models LP2xx, LP3xx, LP4xx, and LP6xx. Covers safety, knockout removal, mounting, wiring, branch circuit breaker installation, and cover fitting.</p>
	<p><a href="#">Leviton L-100 Catalog: Wiring Devices and Lighting Controls for Construction and Maintenance</a></p> <p>Explore the comprehensive Leviton L-100 catalog, featuring a vast selection of high-quality wiring devices, lighting controls, and electrical solutions for industrial, commercial, and residential applications. Discover Leviton's century of innovation and commitment to quality.</p>