Grote 61501-5

Grote 61501-5 Clear Interior/Utility Light

Instruction Manual

Product Overview

The Grote 61501-5 is a 12V interior utility lamp designed to provide clear illumination. It features a durable chrome-finished steel housing and a polycarbonate lens, engineered to reduce glare with its hooded guard. This light includes a separate ground wire for installation.



The image shows the Grote 61501-5 Clear Interior/Utility Light packaged in clear plastic retail packaging. The light features a chrome-finished body with a clear lens, and visible wiring (white and black) for connection. The packaging displays the 'Grote' logo, model number '61501-5', and labels 'UTILITY LAMP', 'FEU D' INTÉRIEUR UTILITAIRE', and 'LÁMPARA PARA SERVICIOS PÚBLICOS'.

Installation Instructions

Follow these steps for proper installation of your Grote 61501-5 utility light:

1. **Safety First:** Disconnect the vehicle's battery before beginning any electrical work to prevent short circuits or electrical shock.
2. **Choose Location:** Select a suitable, flat mounting surface within the vehicle's interior. Ensure the chosen location allows for proper wiring and does not obstruct any vehicle functions.
3. **Mounting:** Secure the light fixture to the chosen surface using appropriate screws or fasteners (not included). Ensure the light is firmly attached to prevent vibration damage.
4. **Wiring Connections:**

- Connect the positive wire (typically white or red, if present) from the light to a fused 12V DC power source in your vehicle. It is recommended to use an inline fuse appropriate for the light's wattage (5 watts).
- Connect the negative/ground wire (typically black) from the light to a clean, unpainted metal chassis point for a reliable ground connection. Ensure the connection is secure and free from corrosion.

5. **Test Functionality:** Reconnect the vehicle's battery. Turn on the power to the circuit to verify the light illuminates correctly.

Note: This light is designed for 12V DC systems only. Do not connect to higher voltage systems.

Operation

The Grote 61501-5 Clear Interior/Utility Light operates when power is supplied to its circuit. Depending on your installation, this may be controlled by a vehicle's existing switch, an added switch, or directly wired to an always-on 12V source. Once connected and powered, the light will provide clear interior illumination.

Maintenance

Regular maintenance ensures optimal performance and longevity of your utility light:

- **Cleaning:** To clean the lens and housing, use a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the polycarbonate lens or chrome finish.
- **Inspection:** Periodically inspect the wiring for any signs of wear, fraying, or corrosion. Ensure all electrical connections remain secure. Check the mounting screws for tightness and re-tighten if necessary.
- **Bulb Replacement:** If the light stops illuminating, the bulb may need replacement. Carefully remove the lens cover (refer to product diagram if available) and replace the existing bulb with a new 12V bulb of the same type and wattage (5 watts). Ensure the replacement bulb is compatible with the fixture.

Troubleshooting

If your Grote 61501-5 utility light is not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not illuminate.	No power to the light.	Check the 12V power connection. Ensure the circuit fuse is intact and not blown.
Light flickers or is dim.	Poor ground connection or loose wiring.	Verify the ground wire is securely connected to a clean, unpainted metal surface. Check all wiring connections for tightness.
Light illuminates intermittently.	Loose connection or faulty switch/power source.	Inspect all wiring and connections. Test the power source and any controlling switches.
Bulb is burnt out.	Normal wear and tear or voltage spike.	Replace the bulb with a new 12V, 5-watt compatible bulb.

Specifications

Brand	Grote

Model	61501-5
Voltage	12V DC
Wattage	5 watts
Housing Material	Steel, Chrome Finish
Lens Material	Polycarbonate
Special Features	Waterproof, Hooded Guard
Product Dimensions	3.34 x 3.34 x 3.34 inches
Item Weight	0.353 ounces

Warranty and Support

For detailed warranty information, technical assistance, or to inquire about replacement parts for your Grote 61501-5 Clear Interior/Utility Light, please contact Grote customer service directly. When contacting support, please have your product model number (61501-5) available for quicker service.
You can typically find contact information for Grote on their official website or through the retailer where the product was purchased.

© 2023 Grote Industries. All rights reserved.