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› Grote 52522 Economy Stainless Steel Double Contact Light User Manual

Grote 52522

Grote 52522 Economy Stainless Steel Double Contact Light User Manual

Model: 52522 | Brand: Grote

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Grote 52522 Economy Stainless Steel Double Contact Light. Please read this manual thoroughly before use to ensure safe and efficient performance of the product.

2. PRODUCT OVERVIEW

The Grote 52522 is a durable, red economy stainless steel light designed for various vehicle applications. It features a double contact design and waterproof construction, ensuring reliable performance in diverse conditions.

Key Features:

- Red Economy Stainless Steel Light with Double Contacts
- Waterproof Construction for enhanced durability
- Provides bright, reliable illumination
- Compatible with most vehicles (cars, trucks, SUVs)



Figure 1: Grote 52522 Economy Stainless Steel Double Contact Light. This image displays the Grote 52522 Economy Stainless Steel Light. It features a circular red lens with concentric rings, encased in a durable stainless steel housing. Two electrical wires, one red and one black, extend from the back for connection. Markings on the housing include 'GROTE', '52522', 'DOT IPP2RST 86', and 'MADISON IND TORONTO'.

3. SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure proper wiring connections to prevent short circuits or electrical fires.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- Consult a qualified technician if you are unsure about any installation steps.

4. SETUP AND INSTALLATION

This light is designed for vehicle-specific fitment. Ensure the mounting location is clean and free from obstructions.

1. **Prepare Mounting Surface:** Clean the area where the light will be installed. Ensure it is flat and provides adequate space for the light's dimensions (approximately 2 x 5.5 x 5.5 inches).
2. **Secure the Light:** Use appropriate fasteners (not included) to secure the stainless steel housing to the vehicle. The housing has pre-drilled holes for mounting.
3. **Wiring Connections:**

- Identify the vehicle's corresponding wiring for tail, stop, or turn signal functions.
- Connect the light's wires to the vehicle's electrical system. The Grote 52522 features a double contact design, typically meaning one wire for ground and two for different functions (e.g., tail and stop/turn). Refer to your vehicle's wiring diagram for specific connections.
- Ensure all connections are secure and insulated to prevent corrosion and short circuits.

4. **Test Functionality:** After installation, reconnect the vehicle's battery and test the light to ensure it functions correctly for all intended purposes (e.g., tail light, brake light, turn signal).

5. OPERATION

The Grote 52522 light operates as part of your vehicle's electrical system. Once properly installed and wired, it will illuminate when the corresponding vehicle function (e.g., headlights, brake pedal, turn signal lever) is activated. The double contact design allows for multiple functions within a single lamp, such as a combined tail and stop light.

6. MAINTENANCE

- **Cleaning:** Periodically clean the lens and housing with a mild soap and water solution to remove dirt and debris. Avoid abrasive cleaners that could scratch the lens or damage the finish.
- **Inspection:** Regularly inspect the light for any signs of damage, loose connections, or corrosion. Ensure the mounting remains secure.
- **Waterproof Seal:** While the light features waterproof construction, avoid directing high-pressure water streams directly at the light, especially at seals, during vehicle washing.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not illuminate.	No power to the light.	Check vehicle fuse box.
	Faulty wiring connection.	Inspect wiring for breaks or loose connections.
	Damaged bulb (if replaceable) or internal component.	Test with a multimeter for power.
		Replace the light unit if internal components are damaged.
Light is dim or flickers.	Poor ground connection.	Ensure ground wire is securely attached to a clean, unpainted metal surface.
	Corroded wiring.	Inspect and clean all electrical connections.
	Insufficient voltage.	Verify vehicle's electrical system voltage.

8. SPECIFICATIONS

Brand	Grote
Model Number	52522
Color	Red
Item Weight	4.7 pounds
Product Dimensions	2 x 5.5 x 5.5 inches
Fit Type	Vehicle Specific Fit

Special Features	Waterproof
UPC	089373001876

9. WARRANTY AND SUPPORT

Warranty information for the Grote 52522 Economy Stainless Steel Double Contact Light is not provided within this manual. For detailed warranty terms, conditions, and customer support, please refer to the official Grote website or contact Grote customer service directly.

You can visit the Grote Store on Amazon for more products and information: [Grote Store](#)

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