

Grote 92183

Grote 92183 Yellow Clearance Marker Replacement Lens User Manual

Model: 92183

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Grote 92183 Yellow Clearance Marker Replacement Lens. Please read these instructions carefully before proceeding with installation to ensure correct application and optimal performance.

2. PRODUCT OVERVIEW

The Grote 92183 is a yellow polycarbonate replacement lens designed for small aerodynamic cab clearance markers. It is engineered to meet specific lighting requirements for heavy-duty and commercial vehicles, providing clear visibility and durability. This lens is waterproof and intended for exterior use.



An image showing the Grote 92183 yellow polycarbonate clearance marker replacement lens, designed for small aerodynamic cab applications. The lens features a curved, elongated shape with internal ridges for light diffusion.

3. SPECIFICATIONS

Feature	Detail
Brand	Grote
Model Number	92183
Lens Color	Yellow
Lens Material	Polycarbonate
Special Feature	Waterproof
Item Dimensions (L x W x H)	7.5 x 2.6 x 2.5 inches
Item Weight	2.08 ounces
Assembly Required	No
Manufacturer Part Number	92183
UPC	089373005522
Country of Origin	China

4. INSTALLATION

- This replacement lens is designed for straightforward installation. Always ensure the vehicle's power is off before beginning any electrical work. Safety precautions should be observed at all times.
- Preparation:** Ensure the vehicle's electrical system is de-energized. Gather necessary tools, which may include a screwdriver or pry tool, depending on the existing marker light housing.
 - Remove Old Lens:** Carefully detach the old or damaged clearance marker lens from its housing. This may involve unscrewing small fasteners or gently prying the lens off if it is a snap-on type. Avoid damaging the underlying light fixture or wiring.
 - Clean Housing:** Inspect the light housing for any dirt, debris, or moisture. Clean the area thoroughly to ensure a proper seal and clear light output for the new lens.
 - Install New Lens:** Align the Grote 92183 replacement lens with the existing light housing. Ensure it fits snugly and securely. If fasteners were removed, re-install them. If it's a snap-on design, apply even pressure until it clicks into place.
 - Test Functionality:** Once the lens is securely installed, re-energize the vehicle's electrical system and test the clearance marker light to confirm it illuminates correctly.

5. OPERATION

The Grote 92183 replacement lens functions as a passive component of your vehicle's clearance marker light system. Its primary role is to protect the light bulb or LED array and to diffuse the light emitted, ensuring proper visibility and compliance with safety regulations. Once installed, the lens operates whenever the vehicle's clearance lights are activated.

6. MAINTENANCE

Regular maintenance helps prolong the life and effectiveness of your clearance marker lens.

- **Cleaning:** Periodically clean the lens surface with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals, as these can scratch or damage the polycarbonate material.
- **Inspection:** Routinely inspect the lens for cracks, chips, or discoloration. Damage can compromise the light's effectiveness and allow moisture intrusion. Replace the lens if significant damage is observed.
- **Seal Integrity:** Check the seal around the lens and housing to ensure it remains watertight, especially after exposure to extreme weather conditions.

7. TROUBLESHOOTING

As a passive component, troubleshooting for the lens itself is limited. Most issues relate to the overall marker light assembly.

- **Light Not Illuminating:** If the marker light does not illuminate after lens replacement, the issue is likely with the bulb, LED, wiring, or power supply, not the lens. Check these components.
- **Moisture Inside Lens:** If moisture appears inside the lens, it indicates an improper seal. Re-check the lens installation to ensure it is seated correctly and the housing gasket (if applicable) is intact.
- **Dim or Uneven Light:** Ensure the lens is clean. If the issue persists, the problem may lie with the light source (bulb/LED) or electrical connections.

8. WARRANTY INFORMATION

Grote products are manufactured to high standards. For specific warranty details regarding the Grote 92183 Yellow Clearance Marker Replacement Lens, please refer to the official Grote warranty policy available on their website or contact Grote customer service directly. Keep your proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

For further assistance, technical questions, or to report any issues with your Grote 92183 replacement lens, please contact Grote Industries customer support. Contact information can typically be found on the official Grote website (www.grote.com).

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Question

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Details

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

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