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Maxxima M90450

Maxxima M90450 White 7" Round Bus LED Backup Light Instruction Manual

Model: M90450

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Maxxima M90450 White 7" Round Bus LED Backup Light. Designed for demanding bus applications, this light offers powerful illumination for enhanced safety during reverse operations. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage to the product and vehicle:

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure proper wiring connections to avoid short circuits or electrical hazards.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Do not modify the product. Unauthorized modifications may compromise safety and void the warranty.
- Consult a qualified professional if you are unsure about any installation steps.

3. PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- 1 x Maxxima M90450 White 7" Round Bus LED Backup Light
- 1 x Mounting Gasket

4. INSTALLATION INSTRUCTIONS

The Maxxima M90450 is designed for a standard 4-hole surface mount. Follow these steps for proper installation:

- 1. Preparation:** Choose a suitable mounting location on the vehicle's exterior, typically at the rear, ensuring it is flat and provides adequate clearance.
- 2. Drilling:** Use the light as a template to mark the four mounting holes and a central hole for wiring. Drill pilot holes for the mounting screws and a larger hole for the wiring.
- 3. Wiring:** The light features 2 wire leads. Connect the positive wire (typically red) to the vehicle's reverse light circuit and the negative wire (typically black) to a reliable ground point on the vehicle chassis. Ensure all connections are secure and insulated.
- 4. Mounting:** Place the included mounting gasket between the light and the vehicle surface. Align the light with the drilled holes and secure it using appropriate fasteners (not included) through the four mounting holes. Tighten screws evenly to ensure a watertight seal with the gasket.
- 5. Testing:** Reconnect the vehicle's battery. Engage reverse gear (with the parking brake applied and vehicle safely secured) to test the light's functionality.



This image displays the front of the Maxxima M90450 LED backup light. It features a clear, round polycarbonate lens with 20 individual white LEDs arranged in a circular pattern around a central cluster. Four mounting holes are visible on the outer edge of the light.

5. OPERATING INSTRUCTIONS

The Maxxima M90450 LED Backup Light operates automatically when properly connected to your vehicle's

reverse light circuit. When the vehicle is shifted into reverse, the light will illuminate, providing bright white light for improved visibility.

6. MAINTENANCE

The Maxxima M90450 LED Backup Light is designed for durability with sealed, moisture-proof electronics and a rugged polycarbonate lens and housing, requiring minimal maintenance.

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap and water to ensure maximum light output. Avoid abrasive cleaners.
- **Inspection:** Regularly check the mounting screws for tightness and the wiring for any signs of wear or damage.

7. TROUBLESHOOTING

If the LED backup light is not functioning as expected, consider the following:

- **Light does not illuminate:**
 - Check the vehicle's fuse for the reverse light circuit.
 - Verify all wiring connections (positive, negative, and ground) are secure and free from corrosion.
 - Ensure the vehicle is properly shifted into reverse.
- **Light is dim or flickers:**
 - Inspect wiring for loose connections or damage.
 - Check the vehicle's electrical system for proper voltage (12.8VDC).
 - Clean the lens if it is dirty.

If issues persist after troubleshooting, contact Maxxima customer support or a qualified technician.

8. SPECIFICATIONS

Feature	Detail
Model	M90450
LED Count	20 White LEDs
Mounting	Standard 4-Hole Surface Mount
Connection	2 Wire Leads
Voltage	12.8VDC
Amp Draw	250mA
Dimensions	7.0" Diameter x 1.2" Depth (7.3 x 7.1 x 1.8 inches overall)
Lens Material	Polycarbonate
Housing Material	Polycarbonate
Special Features	Sealed Moisture Proof Electronics, Waterproof

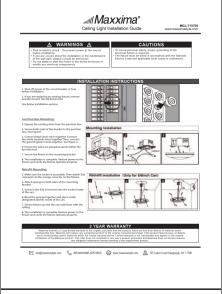
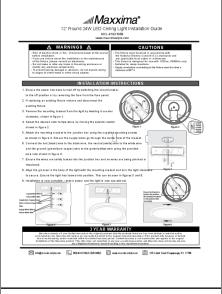
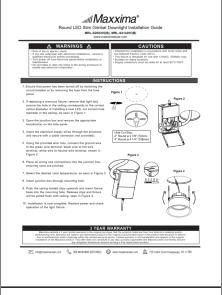
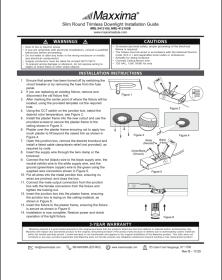
Compliance	DOT/SAE J593
Weight	11.2 ounces

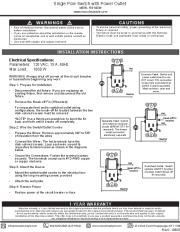
9. WARRANTY AND SUPPORT

The Maxxima M90450 White 7" Round Bus LED Backup Light is backed by a 5-year warranty. For technical support, warranty claims, or further assistance, please contact Maxxima customer service. Keep your purchase receipt as proof of purchase.

For more information, visit the official Maxxima website or refer to your product packaging.

Related Documents - M90450

	<p><u>Maxxima MCL-715705 Ceiling Light Installation Guide and Warranty</u></p> <p>Comprehensive installation instructions and warranty information for the Maxxima MCL-715705 LED Round Ceiling Light. Covers junction box mounting and retrofit mounting, with safety warnings and cautions.</p>
	<p><u>Maxxima MCL-6122105B 12" Round 24W LED Ceiling Light Installation Guide</u></p> <p>Installation guide for the Maxxima MCL-6122105B 12" Round 24W LED Ceiling Light. Includes safety warnings, installation steps, and 3-year limited warranty information.</p>
	<p><u>Maxxima Round LED Slim Gimbal Downlight Installation Guide</u></p> <p>Installation guide for Maxxima Round LED Slim Gimbal Downlight, including model numbers MRL-S208205(B) and MRL-S414205(B). Provides step-by-step instructions, safety warnings, and warranty information.</p>
	<p><u>Maxxima Slim Round Trimless Downlight Installation Guide</u></p> <p>Comprehensive installation guide for the Maxxima Slim Round Trimless Downlight (models MRL-S412105, MRL-412105B). Includes safety warnings, cautions, step-by-step instructions, and warranty details.</p>

	<p>Maxxima MEW-RS100W Single Pole Switch with Power Outlet Installation Guide Installation instructions and warranty information for the Maxxima MEW-RS100W Single Pole Switch with Power Outlet. Learn how to safely install and wire the device.</p>
	<p>Maxxima MEW-USB482C TR Wall Outlet with USB-A and USB-C Ports Installation Guide Installation and safety instructions for the Maxxima MEW-USB482C Tamper-Resistant TR Wall Outlet, featuring USB-A and USB-C charging ports. This high-speed charging receptacle includes 2 standard outlets and integrated USB C/A ports, designed for smart devices. Includes wiring diagrams and warranty information.</p>

Documents - Maxxima – M90450



[Maxxima 2016 Catalog: Comprehensive LED Lighting Solutions for Trucks and Commercial Vehicles](#)

Explore the Maxxima 2016 catalog, a comprehensive guide to high-performance LED lighting for trucks, commercial vehicles, and heavy-duty applications. Maxxima offers a wide range of headlights, work lights, warning lights, and more, designed for durability and superior illumination.

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