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Midwest Military Equipment 07428

Midwest Military Equipment M-Series LED Marker Truck Lite Model 07428 Instruction Manual

Model: 07428

INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Midwest Military Equipment M-Series LED Marker Truck Lite, Model 07428. Please read this manual thoroughly before installation and retain it for future reference. This product is designed for use as a marker light on trucks and other heavy-duty vehicles.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or short circuits.
- Ensure all wiring connections are secure and properly insulated to prevent corrosion and electrical issues.
- Verify that the light's voltage requirements match the vehicle's electrical system.
- Mount the light securely to prevent detachment during vehicle operation.
- Consult a qualified technician if you are unsure about any installation steps.

PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Midwest Military Equipment M-Series LED Marker Truck Lite (Model 07428)
- 1 x Rubber Gasket/Mounting Pad
- Mounting Hardware (screws)

SETUP AND INSTALLATION

Follow these steps to properly install your LED marker light:

1. **Choose Mounting Location:** Select a flat, secure surface on your truck that complies with local regulations for marker light placement.
2. **Prepare Surface:** Clean the mounting surface thoroughly to ensure proper adhesion of the gasket and secure mounting.

3. **Drill Pilot Holes:** Using the rubber gasket as a template, mark and drill two pilot holes for the mounting screws. Ensure the holes are appropriately sized for the provided hardware.
4. **Wire Routing:** Drill a small hole for the wiring to pass through the mounting surface, if necessary. Ensure the hole is sealed after wiring to prevent water ingress.
5. **Mount the Light:** Place the rubber gasket, then the LED marker light, over the pilot holes. Secure the light using the provided screws. Do not overtighten.
6. **Connect Wiring:** The light features a two-wire connection. Connect the red wire to the positive (+) power source (e.g., existing marker light circuit) and the black wire to a reliable ground (-) connection on the vehicle chassis. Ensure connections are tight and protected from moisture.
7. **Test Functionality:** Reconnect the vehicle's battery and test the marker light to ensure it illuminates correctly.



This image displays the Midwest Military Equipment M-Series LED Marker Truck Lite. The light features a rectangular black housing with a circular red LED lens. Two mounting screws are visible on the front of the housing. A black rubber gasket is shown behind the light, indicating its waterproof design and providing a seal for mounting. A red and black wire extends from the back of the light, terminating in a black waterproof connector.

OPERATION

Once properly installed and wired, the M-Series LED Marker Truck Lite will illuminate when the vehicle's marker light circuit is activated. These lights are designed to provide enhanced visibility for your vehicle, especially during low-light conditions or at night.

MAINTENANCE

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap and water to remove dirt and debris that may obstruct light output. Avoid abrasive cleaners.
- **Inspection:** Regularly inspect the light for any physical damage, loose mounting screws, or frayed wiring. Address

any issues promptly to maintain optimal performance and safety.

- **Waterproof Seal:** Ensure the rubber gasket remains intact and properly seated to maintain the waterproof integrity of the light.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not illuminate	No power, faulty wiring, poor ground connection, blown fuse.	Check power supply to the light. Verify all wiring connections are secure. Ensure a good ground connection. Check the vehicle's fuse box for a blown fuse in the marker light circuit.
Light flickers	Loose connection, intermittent power supply.	Inspect all wiring connections for looseness. Ensure the power source is stable.
Water inside the lens	Damaged or improperly seated gasket, compromised housing.	Inspect the rubber gasket and housing for damage. Re-seat or replace the gasket if necessary. Ensure mounting screws are tightened appropriately.

SPECIFICATIONS

- **Brand:** Midwest Military Equipment
- **Model Number:** 07428
- **Manufacturer:** Truck Lite
- **UPC:** 081833781564
- **Product Type:** LED Marker Light
- **Vehicle Service Type:** Truck
- **Lens Color:** Red
- **Housing Color:** Black
- **Lens Material:** Plastic
- **Special Feature:** Waterproof
- **Date First Available:** July 25, 2019

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Midwest Military Equipment M-Series LED Marker Truck Lite, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

