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› Truck-Lite 1561A Marker/Clearance Lamp User Manual

Truck-Lite 1561A

Truck-Lite 1561A Marker/Clearance Lamp User Manual

Model: 1561A

1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Truck-Lite 1561A Marker/Clearance Lamp. Please read this manual thoroughly before installation and retain it for future reference. This lamp is designed for heavy-duty and commercial vehicle applications, featuring an amber LED with a clear lens, a sealed 3-diode pattern, and waterproof construction.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Verify that the lamp's voltage requirements match the vehicle's electrical system.
- Mount the lamp securely to prevent detachment during vehicle operation.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- 1 x Truck-Lite 1561A Marker/Clearance Lamp

4. PRODUCT OVERVIEW

The Truck-Lite 1561A is a durable LED marker/clearance lamp designed for exterior use on trucks and other heavy-duty vehicles. It features a sealed construction for enhanced durability and waterproof performance.

Key Features:

- Amber LED with Clear Acrylic Lens
- Sealed 3-Diode Pattern
- Waterproof Design

- Durable Construction
- Designed for Truck Vehicle Service Type

Product Images:

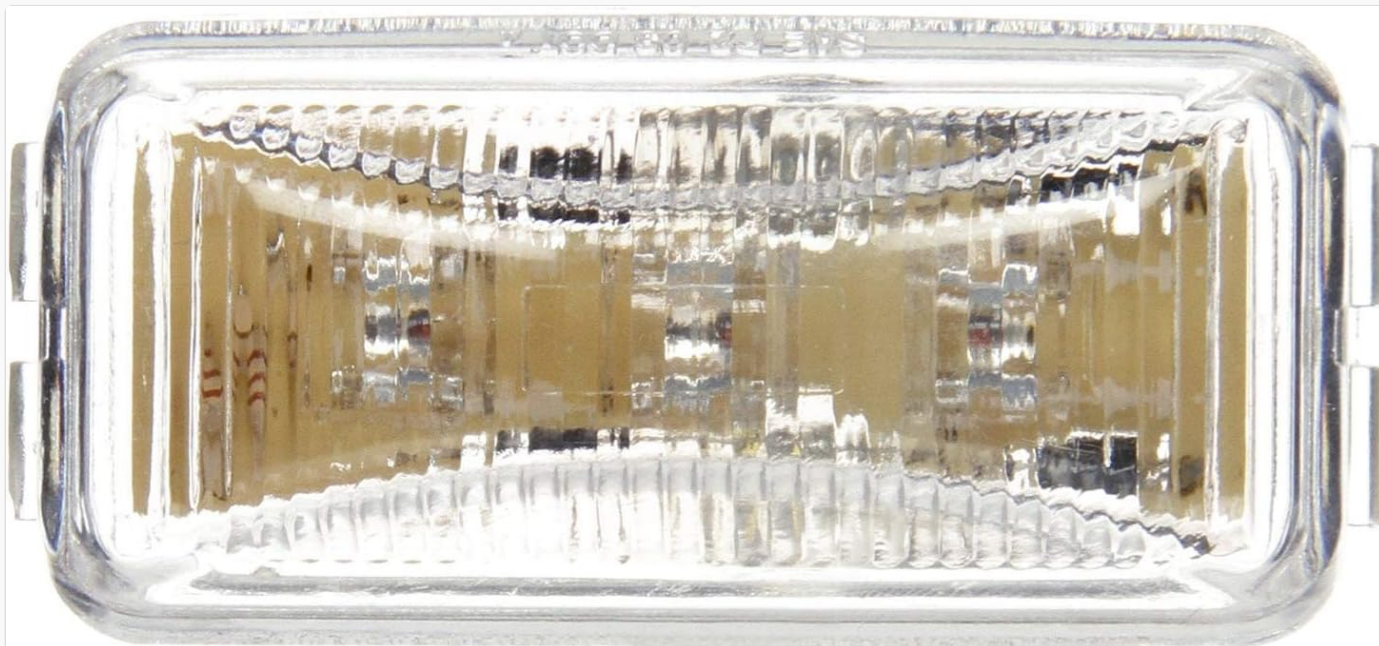
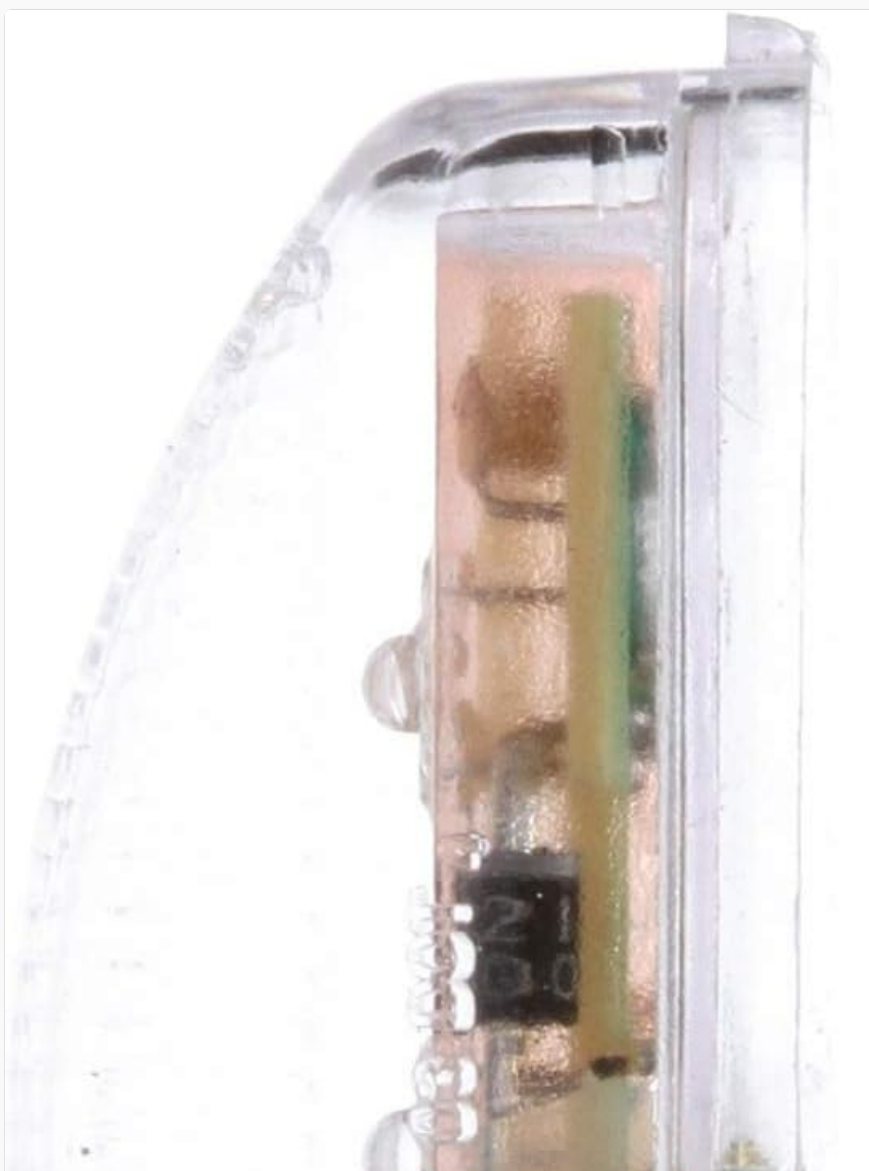


Figure 4.1: Front view of the Truck-Lite 1561A Marker/Clearance Lamp, showing the clear lens and internal amber LEDs.



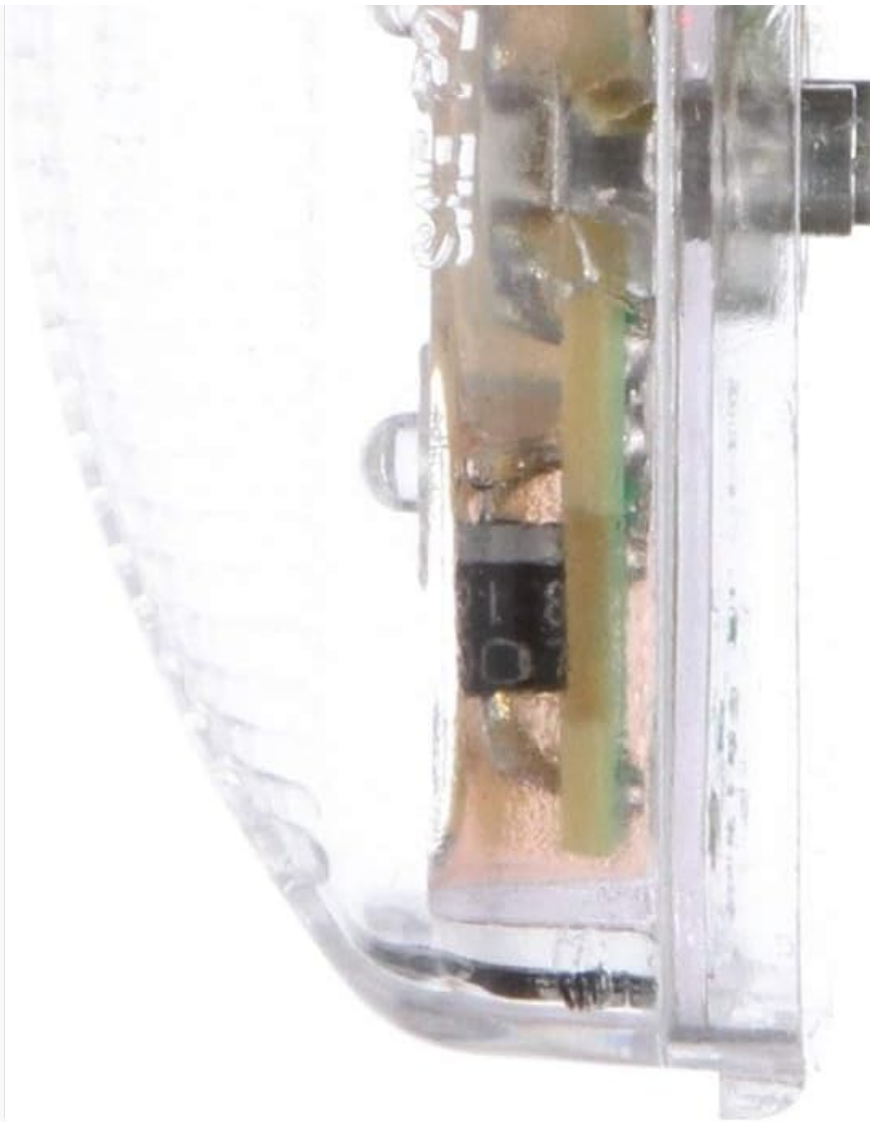


Figure 4.2: Side profile of the lamp, illustrating its compact and sealed construction.

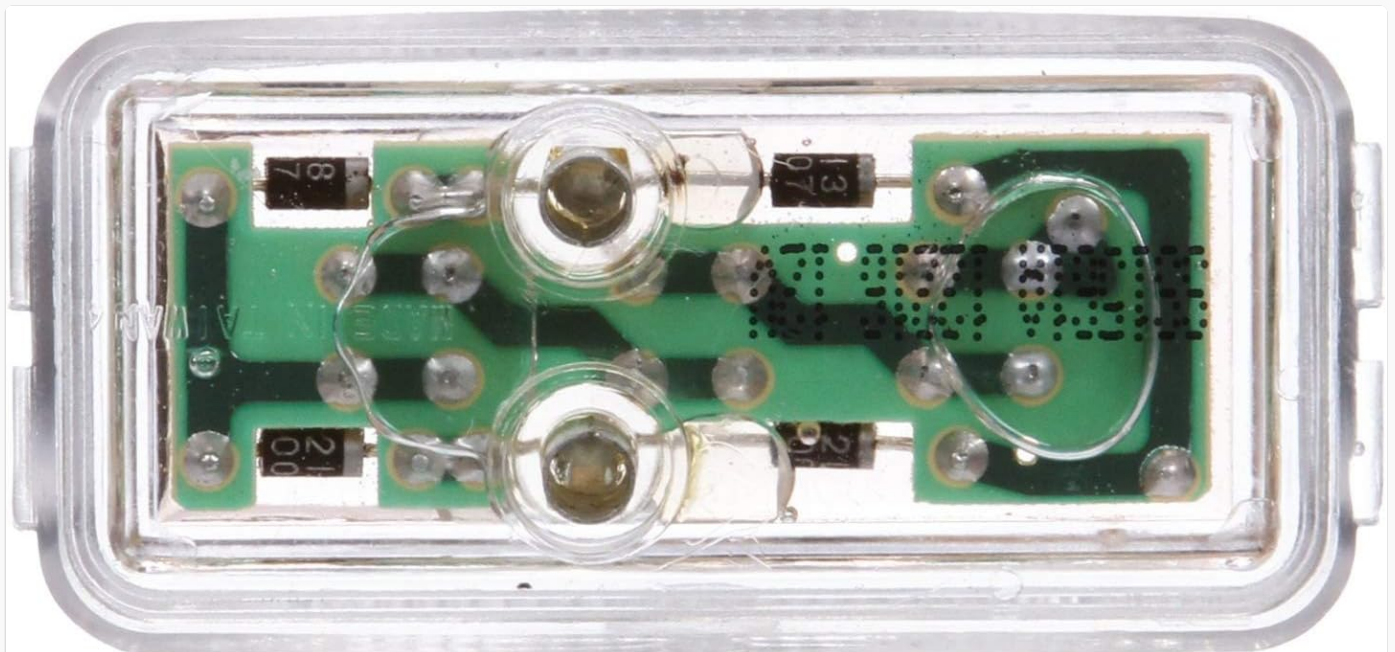


Figure 4.3: Rear view of the lamp, revealing the internal circuit board and wiring terminals.

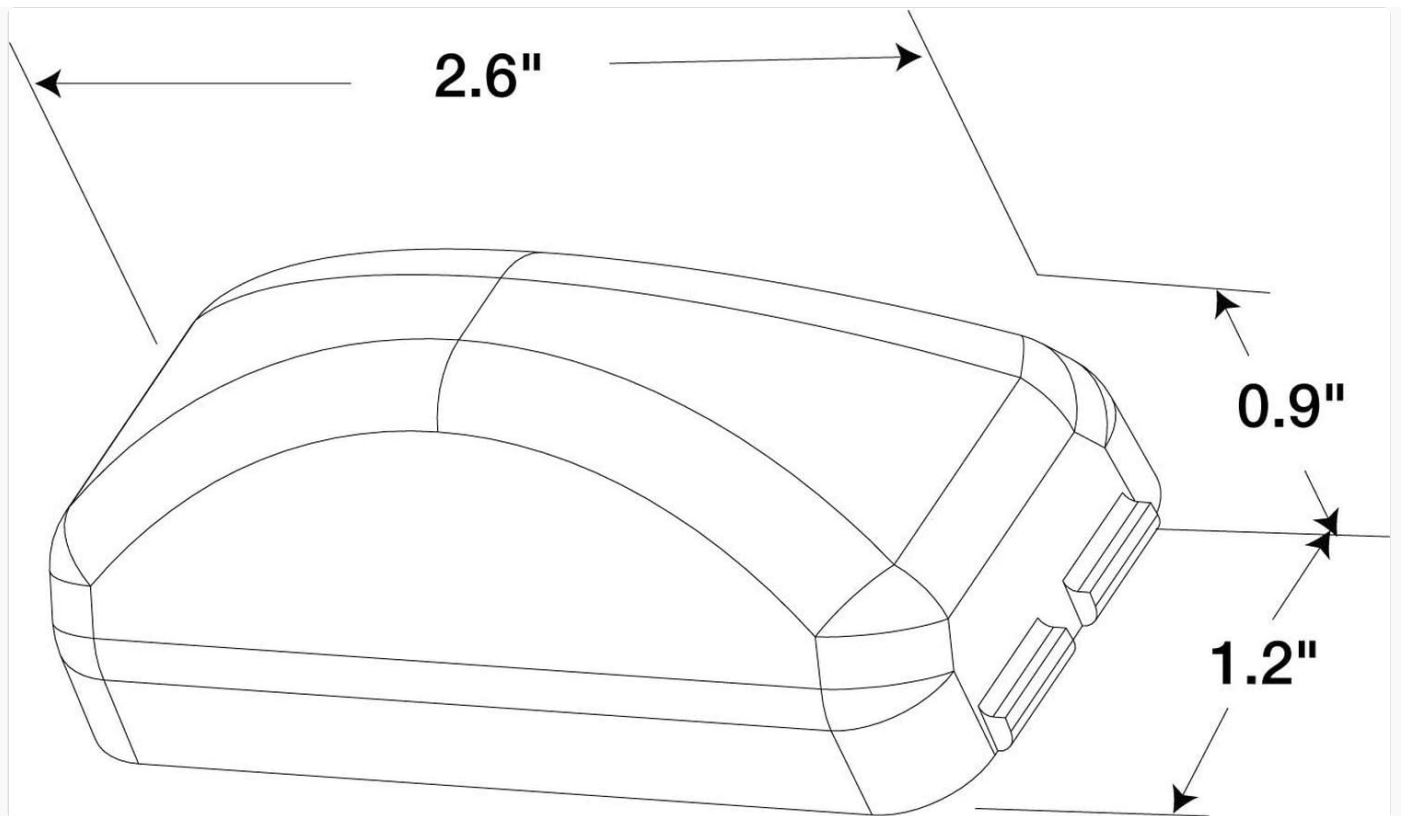


Figure 4.4: Dimensional drawing of the lamp, showing approximate measurements of 2.6 inches (length), 1.2 inches (width), and 0.9 inches (height).

5. SETUP AND INSTALLATION

Assembly is required for this product. Follow these steps for proper installation:

Tools Required:

- Drill (if new mounting holes are needed)
- Screwdriver or appropriate fastener tool
- Wire strippers/crimpers
- Electrical tape or heat shrink tubing
- Multimeter (optional, for testing connections)

Installation Steps:

1. **Choose Mounting Location:** Select a suitable flat surface on the vehicle's exterior for mounting. Refer to Figure 4.4 for lamp dimensions to ensure proper fit and compliance with local regulations.
2. **Prepare Mounting Surface:** Clean the mounting area thoroughly. If new holes are required, mark and drill pilot holes, ensuring they do not interfere with existing wiring or structural components.
3. **Secure the Lamp:** Position the lamp and secure it using appropriate fasteners (not included) through the designated mounting points. Ensure the lamp is firmly attached and does not vibrate loose.
4. **Wiring Connections:**
 - Identify the positive (+) and negative (-) wires from the vehicle's electrical system.
 - Connect the lamp's positive wire (typically red) to the vehicle's positive wire.
 - Connect the lamp's negative wire (typically black or white) to the vehicle's ground or negative wire.
 - Ensure all connections are crimped or soldered securely and insulated with electrical tape or heat shrink tubing to prevent corrosion and short circuits.

5. **Test Functionality:** Reconnect the vehicle's battery. Turn on the vehicle's marker/clearance lights to verify that the newly installed lamp illuminates correctly.

6. OPERATING INSTRUCTIONS

The Truck-Lite 1561A Marker/Clearance Lamp operates automatically when connected to the vehicle's electrical system and the corresponding lighting circuit is activated. Once properly installed and wired, the lamp will illuminate when the vehicle's marker or clearance lights are switched on.

7. MAINTENANCE

The Truck-Lite 1561A lamp is designed for minimal maintenance due to its sealed LED construction. However, periodic inspection and cleaning are recommended:

- **Cleaning:** Clean the lamp's clear acrylic lens periodically with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the lens material.
- **Inspection:** Regularly check the lamp for any physical damage, such as cracks in the lens or housing. Inspect wiring connections for corrosion or loose contacts.
- **Fasteners:** Ensure mounting fasteners remain tight to prevent the lamp from becoming loose.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not illuminate	No power to the lamp Faulty wiring connection Blown fuse in vehicle circuit	Check vehicle's lighting circuit for power. Inspect all wiring connections for looseness or corrosion. Check and replace any blown fuses in the vehicle's fuse box.
Lamp flickers or is dim	Poor electrical connection Insufficient voltage	Ensure all wiring connections are clean and secure. Verify vehicle's voltage output is stable and sufficient for the lamp.
Moisture inside the lens	Compromised seal	While the lamp is sealed, extreme conditions or damage can compromise it. If moisture persists, the lamp may need replacement.

9. SPECIFICATIONS

Feature	Detail
Model Number	1561A
Brand	Truck-Lite
Lens Color	Clear

Feature	Detail
Light Color	Amber (LED)
Lens Material	Acrylic
Special Feature	Waterproof
Vehicle Service Type	Truck
Auto Part Position	Right (can be used universally depending on mounting)
Product Dimensions (L x W x H)	10 x 11 x 2 inches (packaging dimensions, actual lamp dimensions are smaller as per image)
Item Weight	0.704 ounces
Assembly Required	Yes
UPC	735111170020

10. WARRANTY INFORMATION

Specific warranty details for the Truck-Lite 1561A Marker/Clearance Lamp are typically provided at the point of purchase or can be obtained directly from Truck-Lite's official website or authorized distributors. Please retain your proof of purchase for any warranty claims.

11. SUPPORT INFORMATION

For technical assistance, installation questions, or further product information, please contact Truck-Lite customer support through their official website or the contact information provided by your retailer. When contacting support, please have your product model number (1561A) and purchase details readily available.

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