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Grote 53782

Grote 53782 Stop Tail Turn Box Light User Manual

Model: 53782

1. Product Overview

The Grote 53782 Stop Tail Turn Box Light is a right-hand (RH) side automotive lighting assembly designed for Ford vehicles. It integrates stop, tail, and turn signal functions within a single unit and includes a license plate window for illumination. This light features a durable construction and is equipped with a Ford OEM connector for direct compatibility.



Figure 1: Grote 53782 Stop Tail Turn Box Light. This image shows the rear view of the light assembly, highlighting the red lens for stop/tail/turn functions, the clear section for the license plate window, and the black housing with the electrical connector.

Key Features:

- Integrated Stop, Tail, and Turn Signal functions.
- Right-hand (Passenger Side) application.
- Built-in license plate illumination window.
- Equipped with a Ford OEM connector for easy installation.
- Waterproof design for enhanced durability.

2. Setup and Installation

This section provides instructions for the proper installation of the Grote 53782 Stop Tail Turn Box Light. Professional installation is recommended.

2.1 Safety Precautions

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical shock or short circuits.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Refer to your vehicle's service manual for specific wiring diagrams and removal procedures for existing lights.

2.2 Installation Steps

1. **Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake. Disconnect the negative terminal of the vehicle's battery.
2. **Remove Existing Light (if applicable):** Carefully unbolt and disconnect the wiring from the old tail light assembly. Note the routing of the wiring.
3. **Position the New Light:** Align the Grote 53782 light assembly with the mounting points on the vehicle's right-hand side. The mounting bolts have adjustable configurations to assist with fitment.
4. **Connect Wiring:** Connect the Ford OEM connector from the new light to the vehicle's corresponding wiring harness. Ensure a secure and proper connection.
5. **Secure the Light:** Fasten the light assembly to the vehicle using the appropriate mounting hardware. Do not overtighten the bolts.
6. **Test Functionality:** Reconnect the vehicle's battery. Test the stop, tail, and turn signal functions, as well as the license plate light, to ensure proper operation before driving.

3. Operating Instructions

The Grote 53782 Stop Tail Turn Box Light operates in conjunction with your vehicle's existing electrical system and controls.

- **Tail Lights:** These lights illuminate when the vehicle's headlights or parking lights are turned on, providing rear visibility.
- **Stop Lights (Brake Lights):** These lights illuminate brightly when the brake pedal is pressed, signaling deceleration or stopping to following vehicles.
- **Turn Signals:** These lights flash when the turn signal lever is activated, indicating an intended turn or lane change.
- **License Plate Light:** The integrated license plate window illuminates the rear license plate when the tail lights are active.

Ensure all lighting functions are checked regularly for proper operation to comply with traffic laws and ensure safety.

4. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your Grote 53782 Stop Tail Turn Box Light.

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the acrylic/polycarbonate lens material.
- **Inspection:** Regularly inspect the light assembly for any signs of damage, cracks, or loose connections. Check the bulbs (if replaceable) for proper function.
- **Wiring:** Ensure all wiring connections remain secure and free from corrosion.

- **Bulb Replacement:** If a bulb fails, replace it with a bulb of the correct type and wattage as specified by the manufacturer or your vehicle's manual. (Note: This unit is a box light, so bulb replacement might involve opening the unit or it might be an integrated LED unit. Assume standard bulb replacement for a general manual).

5. Troubleshooting

This section addresses common issues you might encounter with your Grote 53782 Stop Tail Turn Box Light.

Problem	Possible Cause	Solution
Light does not illuminate.	Blown fuse. Faulty bulb. Loose or corroded wiring connection. Vehicle electrical issue.	Check and replace the vehicle's fuse for the lighting circuit. Replace the bulb. Inspect and secure all wiring connections. Clean any corrosion. Consult a qualified automotive technician.
Light is dim or flickers.	Poor electrical ground. Corroded bulb socket. Low voltage.	Check and clean the ground connection. Clean or replace the bulb socket. Inspect vehicle's charging system.
License plate window not lighting up.	Separate bulb for license plate light is out. Wiring issue specific to license plate light.	Replace the license plate bulb. Check wiring to the license plate light section.

If the problem persists after attempting these solutions, contact Grote customer support or a certified automotive technician.

6. Specifications

Attribute	Value
Brand	Grote
Model Number	53782
Product Type	Stop Tail Turn Box Light
Application Side	Right-Hand (Passenger Side)
Lens Color	Red (Stop/Tail/Turn), Clear (License Window)
Lens Material	Acrylic, Polycarbonate
Housing Color	Black
Dimensions (L x W x H)	7 x 7 x 7 inches
Item Weight	8 ounces
Special Features	Waterproof, Ford OEM Connector

Attribute	Value
Assembly Required	No
UPC	089373180014
Country of Origin	China

7. Warranty and Support

Grote products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details and duration, please refer to the documentation included with your purchase or visit the official Grote website.

Customer Support:

If you require assistance with installation, troubleshooting, or have questions about your Grote 53782 Stop Tail Turn Box Light, please contact Grote customer support:

- **Website:** www.grote.com (Check for official support contact information)
- **Phone:** Refer to the Grote website for regional contact numbers.
- **Email:** Refer to the Grote website for support email addresses.

When contacting support, please have your product model number (53782) and purchase information readily available.

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