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› VIPMOTOZ Red OLED Neon Tube Pure White LED Chrome License Plate Light Assembly Instruction Manual for Ford F-Series, Ranger, Explorer, Bronco, Excursion, Expedition

VIPMOTOZ LAC-LP-FF15097-V2-C

VIPMOTOZ Red OLED Neon Tube Pure White LED Chrome License Plate Light Assembly Instruction Manual

Model: LAC-LP-FF15097-V2-C

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VIPMOTOZ Red OLED Neon Tube Pure White LED Chrome License Plate Light Assembly. Designed for various Ford models, this assembly offers enhanced visibility and a distinct aesthetic. Please read these instructions carefully before installation to ensure proper function and safety.

Key Features

- **Exclusive Tribal Edition:** Features bright light output with red OLED strips for enhanced detail.
- **Fully Plug & Play:** Designed for easy installation, requiring no complex wiring or modifications.
- **Direct-Fit Replacement:** Matches OEM specifications for a seamless fit.
- **SAE Approved & DOT Certified:** Ensures compliance with regulatory requirements in the USA and Canada for street legality.
- **Premium LED Technology:** Utilizes advanced LED chips for superior brightness and energy efficiency.

INSTALLATION GUIDE

The VIPMOTOZ License Plate Light Assembly is designed for a straightforward, plug-and-play installation. No complex wiring or modifications are typically required.

Tools Required (Not Included)

- Flathead screwdriver or trim removal tool
- Optional: Dielectric grease for electrical connections

Installation Steps

1. **Step 1: Remove the OEM License Plate Light Housing**

Carefully use a flathead screwdriver or trim removal tool to pry out the existing license plate light housing from the vehicle's bumper. Disconnect any electrical connectors.



Image: A hand using a tool to remove the original license plate light housing from a vehicle bumper.

2. **Step 2: Disconnect the Old Bulb**

Twist the factory bulb socket to unlock it from the housing. Then, remove the OEM halogen bulb from the factory bulb socket.

INSTALLATION GUIDE

STEP 1



Remove the OEM license plate light housing from the vehicle.

STEP 2



Twist the factory bulb socket to unlock from the housing, then remove the OEM bulb from the factory bulb socket.

STEP 3



Insert the new plug from the LED License Plate light into the factory bulb socket.

STEP 4



Install the factory bulb socket into the new LED License Plate light by twisting it into the lock position. Install the new LED License Plate light onto the bumper.

Image: A hand removing a standard halogen bulb from its socket, which is still connected to the vehicle wiring.

3. Step 3: Connect the New LED Light

Insert the new LED light's T10 plug into the factory bulb socket. The Smart-Fit reversible plug ensures correct connection regardless of orientation.



SMART-FIT™ PLUG (T-10)

With the non-polarized plug, no need to worry about positive or negative connections.



Image: A diagram illustrating the plug-and-play connection of the new LED light into the OEM bulb socket, highlighting the non-polarized T-10 plug.

4. Step 4: Install the New LED Assembly

Twist the factory bulb socket into the new LED License Plate Light assembly to lock it in place. Then, install the complete new LED License Plate Light assembly back into the bumper opening until it clicks securely.



Image: A close-up of the new LED license plate light being inserted into the vehicle's bumper opening, showing the secure fit.

Installation Video References

For visual guidance, please refer to the following installation videos:

Your browser does not support the video tag.

Video: A short demonstration of installing a license plate light for Ford F-Series trucks, highlighting the plug-and-play process.

Your browser does not support the video tag.

Video: An installation guide for LED license plate lights on a Ford F150, demonstrating the steps involved in replacing the original lights with LED units.

OPERATION

The VIPMOTOZ LED License Plate Light Assembly operates automatically with your vehicle's lighting system. When your vehicle's headlights or parking lights are activated, the LED license plate lights will illuminate, providing clear visibility for your license plate.

The integrated red OLED neon tubes provide an additional accent when the lights are on.



Image: A rear view of a truck at night, showcasing the bright white LED illumination of the license plate and the red OLED accents from the VIPMOTOZ lights.

MAINTENANCE

Your VIPMOTOZ LED License Plate Light Assembly requires minimal maintenance. Follow these guidelines to ensure longevity and optimal performance:

- **Cleaning:** Use a soft cloth and mild automotive cleaner to gently wipe the lens covers. Avoid abrasive cleaners or harsh chemicals that could damage the polycarbonate lens material.
- **Inspection:** Periodically check the lights for any signs of damage, loose connections, or debris accumulation. Ensure the housing remains securely fastened to the bumper.
- **Weatherproofing:** The lights feature IP66 weatherproofing. While designed to resist water and dust, avoid direct high-pressure water jets on the light assembly during washing.

TROUBLESHOOTING

If you encounter any issues with your VIPMOTOZ LED License Plate Light Assembly, refer to the following common troubleshooting steps:

- **Lights Not Illuminating:**
 - **Check Connections:** Ensure the T10 plug is fully inserted into the factory bulb socket and the socket is securely twisted into the new LED assembly.
 - **Vehicle Lights On:** Confirm that your vehicle's headlights or parking lights are turned on, as the license plate lights operate in conjunction with them.
 - **Fuse Check:** Inspect the vehicle's fuse box for any blown fuses related to the exterior lighting. Consult your vehicle's owner's manual for fuse locations.
- **Flickering or Intermittent Operation:**
 - **Secure Connections:** Re-check all electrical connections to ensure they are tight and free from corrosion.
 - **Error-Free Resistor:** The lights are equipped with an error-free resistor to prevent warning lights. If flickering persists, consult a professional automotive technician.
- **Fitment Issues:**
 - **Verify Compatibility:** Double-check the product's compatibility list against your vehicle's make, model, and year. Some older models or specific bumper types may require minor adjustments.
 - **OEM Specification:** While designed for direct fit, slight variations in vehicle manufacturing can occur. Ensure the housing is correctly aligned before applying pressure.

If these steps do not resolve the issue, please contact VIPMOTOZ customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	VIPMOTOZ
Model Number	LAC-LP-FF15097-V2-C
Color	Chrome, Red, White
Specific Uses	Number Plates
Vehicle Service Type	Pickup Truck
Special Feature	Premium LED
Auto Part Position	Rear
Lens Color	Clear / Transparent
Lens Material	Polycarbonate
Item Dimensions (L x W x H)	2.5 x 1.75 x 4.5 inches
Item Weight	2.29 ounces
OEM Part Number Cross-Reference	1L3Z-13550-BA, 68153, 68163, 68169, 68171, F1TZ-13550-A, F37Z-13550-A, F37Z-13550-AA, F67Z13550AA, F67Z-13550-AA, F1TZ13550A

Vehicle Compatibility

This VIPMOTOZ LED License Plate Light Assembly is compatible with the following Ford, Lincoln, and Mercury models:

- **For Ford:**

- 1980-2014 F-150
- 1980-1999 F-250
- 1980-1997 F-350
- 1999-2016 F-Series Super Duty (F-250, F350, F-450, F-550)
- 2004 F-150 Heritage
- 1980-1996 Bronco
- 1984-1990 Bronco II
- 1983-2011 Ranger
- 1991-2004 Explorer
- 2001-2010 Explorer Sport Trac
- 2000-2005 Excursion
- 1997-2002 Expedition

- **For Lincoln:**

- 2006-2008 Mark LT

- **For Mercury:**

- 1997 Mountaineer

Note: Not compatible with 1997 Mini Bulb License Plate Light Models. Only compatible with Step Bumper & Snap-On Lens License Plate Light Models.

VIPMOTOZ Automotive Fitment Guide

FOR FORD:

1980-2014 F-150

1980-1999 F-250

1980-1997 F-350

1999-2016 F-SERIES SUPER DUTY

F-250 | F350 | F-450 | F-550

2004 F-150 HERITAGE

1980-1996 BRONCO

1984-1990 BRONCO II

1983-2011 RANGER

1991-2004 EXPLORER

2001-2010 EXPLORER SPORT TRAC

2000-2005 EXCURSION

1997-2002 EXPEDITION

FOR LINCOLN:

2006-2008 MARK LT

FOR MERCURY:

1997 MOUNTAINEER

- ❗ NOT Compatible with 97 Mini Bulb License Plate Light Models**
- ❗ ONLY Compatible with Step Bumper & Snap-On Lens License Plate Light Models**

Image: A detailed compatibility chart listing various Ford, Lincoln, and Mercury truck and SUV models and their corresponding years for which the license plate light is compatible.

WARRANTY & SUPPORT

VIPMOTOZ stands behind the quality of its products. This LED License Plate Light Assembly comes with a **90-day warranty** covering any defects or damage that may occur during transit or due to manufacturing faults.

For technical assistance, troubleshooting, or warranty claims, please contact VIPMOTOZ customer support. Our in-house US tech support team is ready to assist you with any concerns.

Contact information can typically be found on the VIPMOTOZ official website or through your purchase platform.