

## LASFIT D2-7443R

# LASFIT 7440 7443 Red LED Bulb Instruction Manual

Model: D2-7443R

## 1. INTRODUCTION

Thank you for choosing LASFIT 7440 7443 Red LED Bulbs. These bulbs are designed to provide enhanced brightness and reliability for your vehicle's tail and brake lights. Featuring an upgraded built-in resistor, they are engineered to be CANBUS error-free, preventing common issues like hyper flash. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance.

## 2. PRODUCT FEATURES

- **CANBUS Error-Free Design:** Integrated resistor eliminates hyper flash and error warnings in most vehicles.
- **Enhanced Brightness:** Up to 500% brighter than standard halogen bulbs, providing 4800LM per brake light for improved visibility.
- **Advanced LED Chips:** Equipped with 15pcs 1860 and 3570 top-grade LED chips for 360-degree full lighting effect.
- **Direct Replacement:** Designed for a perfect fit, replacing OEM 7444na, 7441, 7444, 7440NA, W21W, WY21W bulbs.
- **Long Lifespan:** Constructed with a full aviation aluminum body and a 12,000RPM turbo cooling fan, ensuring a lifespan of over 30,000 hours.
- **Plug-and-Play Installation:** Non-polarity design allows for quick and easy installation without modifications.



Image: LASFIT LED Bulb with integrated CANBUS chip, illustrating error-free operation on a vehicle dashboard.

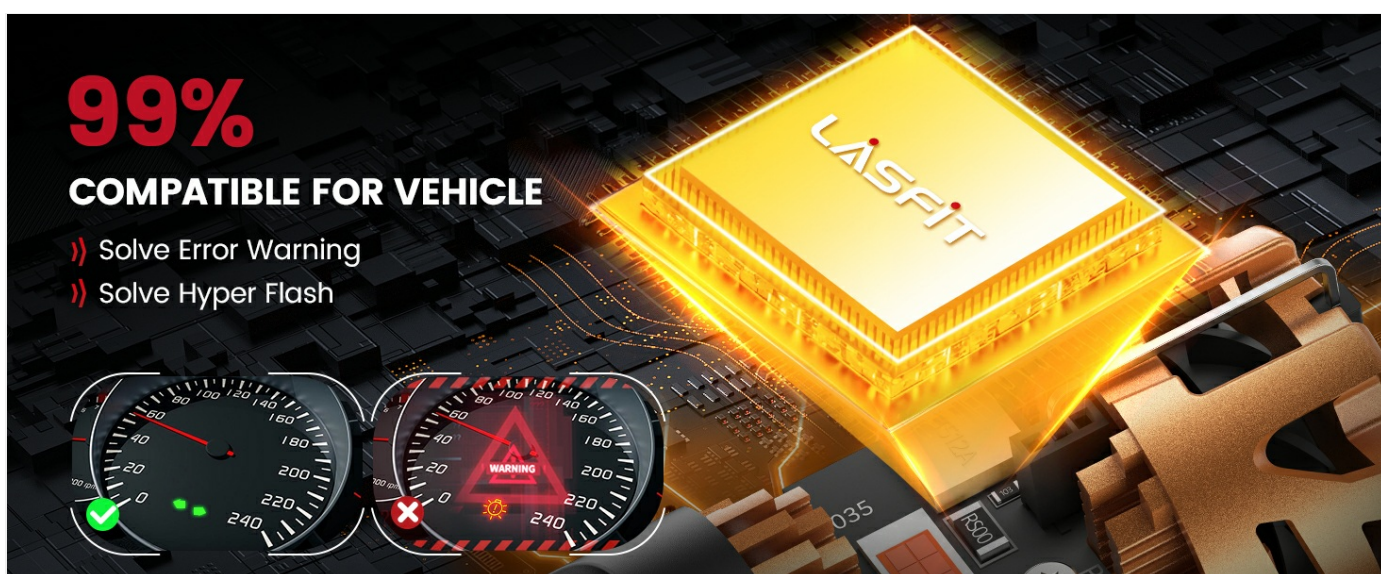


Image: Visual comparison demonstrating the significantly brighter output of the LASFIT LED bulb compared to a traditional halogen bulb.

### 3. INSTALLATION INSTRUCTIONS

The LASFIT 7440 7443 LED bulbs are designed for a straightforward plug-and-play installation. No modifications are typically required. Please follow these steps:

1. **Locate the Bulb:** Identify the tail or brake light housing on your vehicle. Consult your vehicle's owner's manual for specific access instructions.
2. **Remove Halogen Bulb:** Carefully twist and pull out the existing halogen bulb from its socket.
3. **Insert LED Bulb:** Insert the new LASFIT LED bulb into the socket. The non-polarity design means it can be inserted in either direction.
4. **Test Functionality:** Before fully reassembling, test the light function (tail light and brake light) to ensure proper operation.
5. **Secure the Bulb:** Once confirmed working, twist the bulb and socket back into the light housing until secure.

**Important Note:** If the LED does not light up after inserting, simply remove it, flip the direction, and reinstall. This addresses the polarity sensitivity mentioned in some cases.



Image: Step-by-step visual guide for replacing a halogen bulb with a LASFIT LED bulb.



Image: Methods for verifying correct bulb size and compatibility for your vehicle.

#### 4. OPERATING INSTRUCTIONS

Once installed, the LASFIT 7440 7443 Red LED Bulbs operate automatically with your vehicle's existing lighting system. They will function as your tail lights (dimmer illumination) and brake lights (brighter illumination) when activated by your vehicle's controls.

- **Tail Light Function:** Activates when your vehicle's headlights or parking lights are turned on.
- **Brake Light Function:** Activates when the brake pedal is pressed, providing a significantly brighter red light for increased safety.

# LESS LIGHT DECAY

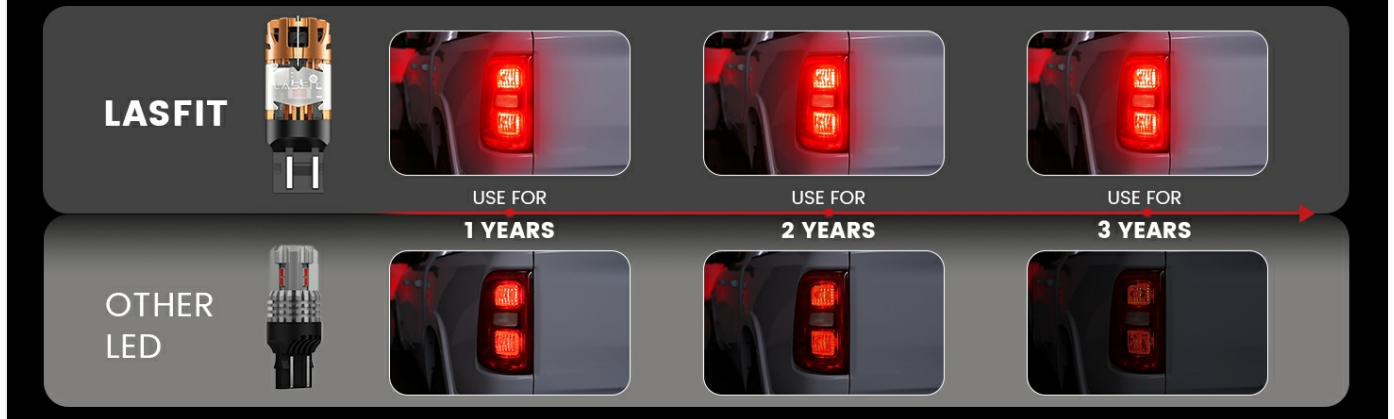


Image: Demonstration of LASFIT LED bulbs functioning as both tail and brake lights on a vehicle.

## 5. MAINTENANCE

LASFIT LED bulbs are designed for long-term, maintenance-free operation. Due to their durable construction and efficient cooling system, regular maintenance is not typically required. Keep the light housing clean to ensure maximum light output.



Image: Internal view of the LASFIT LED bulb highlighting its advanced cooling system for extended lifespan.



Image: Lifespan comparison between LASFIT LED bulbs and standard halogen bulbs.

## 6. TROUBLESHOOTING

If you encounter any issues with your LASFIT LED bulbs, please refer to the following common solutions:

- **Bulb Does Not Light Up:**
  - Ensure the bulb is fully seated in the socket.
  - Due to polarity sensitivity, if the LED does not light up, remove it, rotate it 180 degrees, and reinsert.
  - Check the vehicle's fuse box for any blown fuses related to the lighting circuit.
- **Hyper Flash or Error Warning on Dashboard:**
  - While LASFIT bulbs are designed to be CANBUS error-free, some highly sensitive vehicle systems may still trigger a warning. Ensure the bulb is correctly installed.
  - If hyper flash persists, verify that the bulb type is correct for your vehicle's specific application (e.g., 7443 for brake/tail, not 7440 for turn signal if it requires a different resistance).
- **Dim or Uneven Light Output:**
  - Ensure the bulb is clean and free from debris.
  - Verify the bulb is fully seated and making proper electrical contact.

If these steps do not resolve the issue, please contact LASFIT Customer Support.

## 7. SPECIFICATIONS

Attribute	Value
Brand	LASFIT
Model	D2-7443R
Light Source Type	LED
Color	Red
Brightness	4000 Lumen (per bulb, for brake light)

Wattage	24 watts
Lifespan	30,000+ Hours
Cooling System	Aviation Aluminum Body, 12,000RPM Turbo Cooling Fan
Fit Type	Universal Fit (Direct replacement for 7444na, 7441, 7444, 7440NA, W21W, WY21W)
Item Weight	3.52 ounces (per pair)
Package Dimensions	4.76 x 2.8 x 1.26 inches

## 8. WARRANTY AND CUSTOMER SUPPORT

LASFIT provides a **1-Year Replacement Warranty** for these LED bulbs. If you experience any issues or have questions regarding your product, please do not hesitate to contact our customer support team. Our customer support is available **7 days a week, 24 hours a day** to assist you. For support, please visit the official LASFIT website or contact us through your purchase platform.

## 9. PRODUCT VIDEO

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Video: Official LASFIT D2 Series LED Bulb demonstration, showcasing brightness, cooling, and CANBUS features. This video highlights the improved visibility and error-free performance of the LED bulbs compared to standard halogen lights.

