

Termitor H7

Termitor H7/H7LL LED Headlight/Fog Light Bulbs Instruction Manual

Model: H7

1. PRODUCT OVERVIEW

The Termitor H7/H7LL LED bulbs are designed to provide enhanced illumination for your vehicle's lighting system. These bulbs offer significant brightness improvement over standard halogen bulbs, featuring a 1:1 halogen size for easy integration and a long operational lifespan.

Key Features:

- **Optimal Light Focus:** Engineered to minimize glare for oncoming traffic while providing a concentrated beam.
- **High Brightness:** Delivers 50,000 lumens per set at 6500K, offering 900% more brightness than halogen bulbs.
- **True 1:1 Mini Design:** Matches the size of halogen bulbs for direct fitment without adapters.
- **Extended Lifespan:** Constructed for over 70,000 hours of consistent illumination.
- **Wide Vehicle Compatibility:** Compatible with over 98% of vehicles, featuring CANbus-ready linear decoding technology.

LIGHT UP YOUR PATH, BOOST YOUR SAFETY

See more of the road with bright, clear light, giving you more time to react and drive securely.

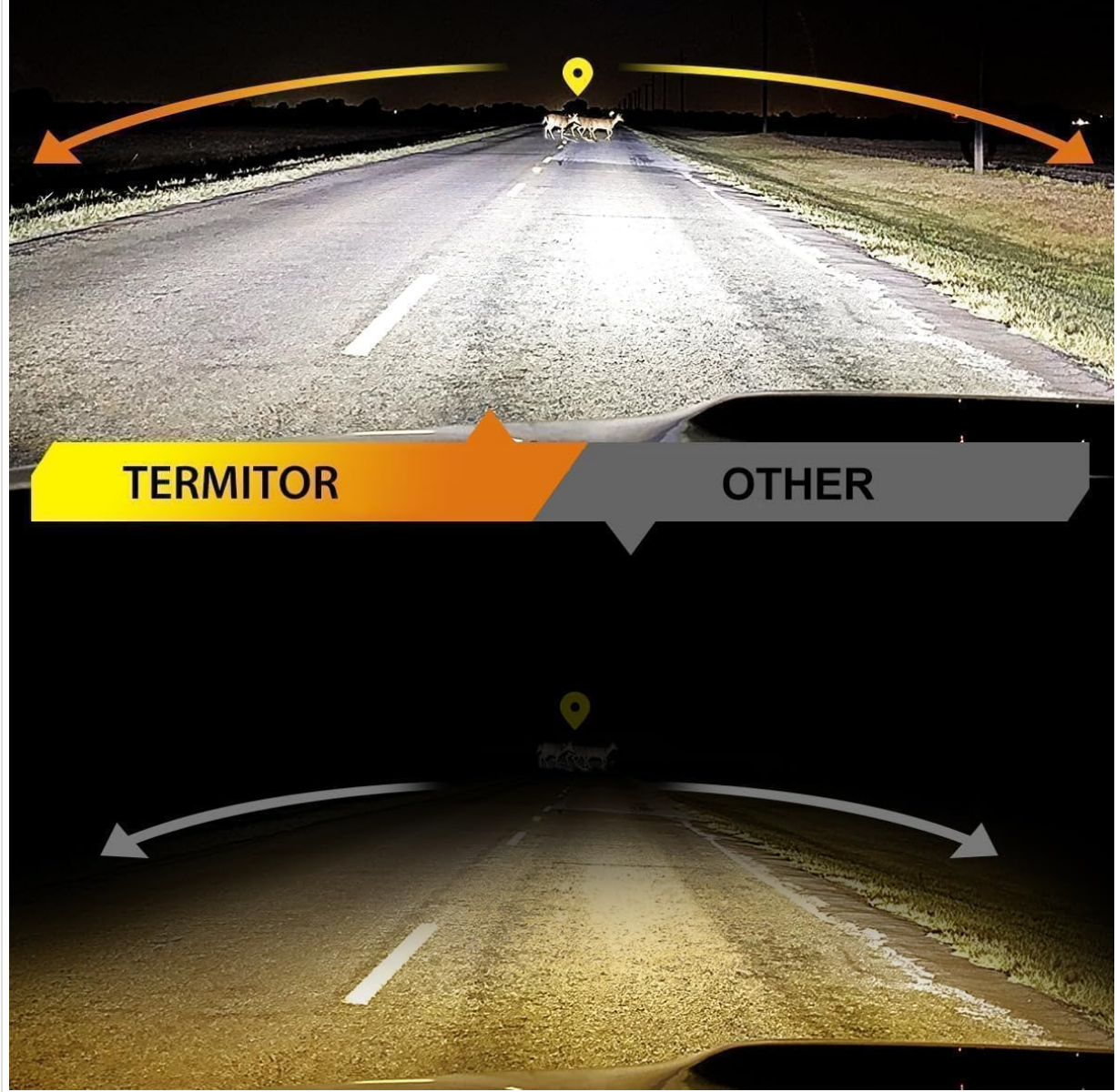
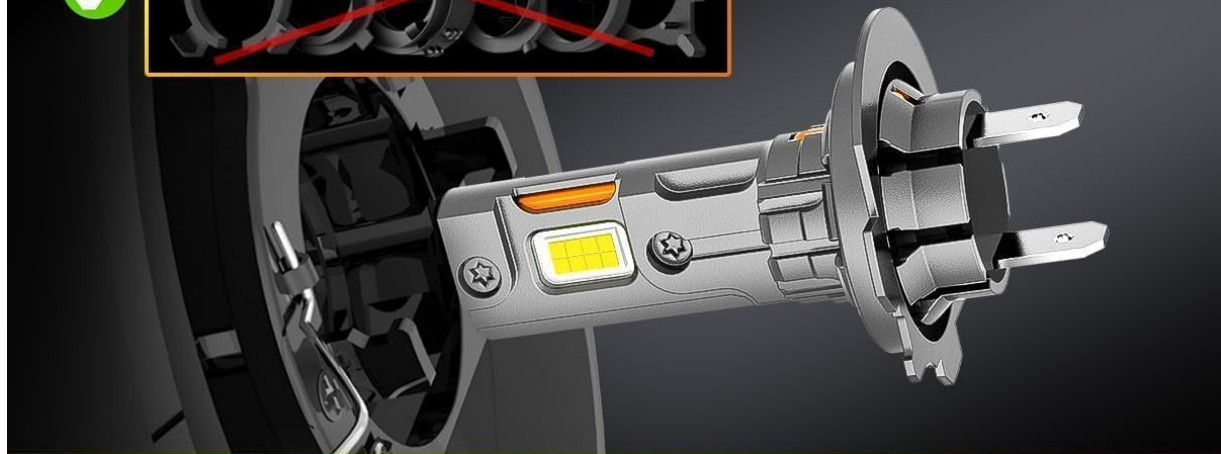


Image 1.1: Termitor H7 LED Bulbs in their retail packaging.

NO ADAPTERS NEEDED

For certain car models, additional adapters are required for installing traditional lights.



Additional adapters may required

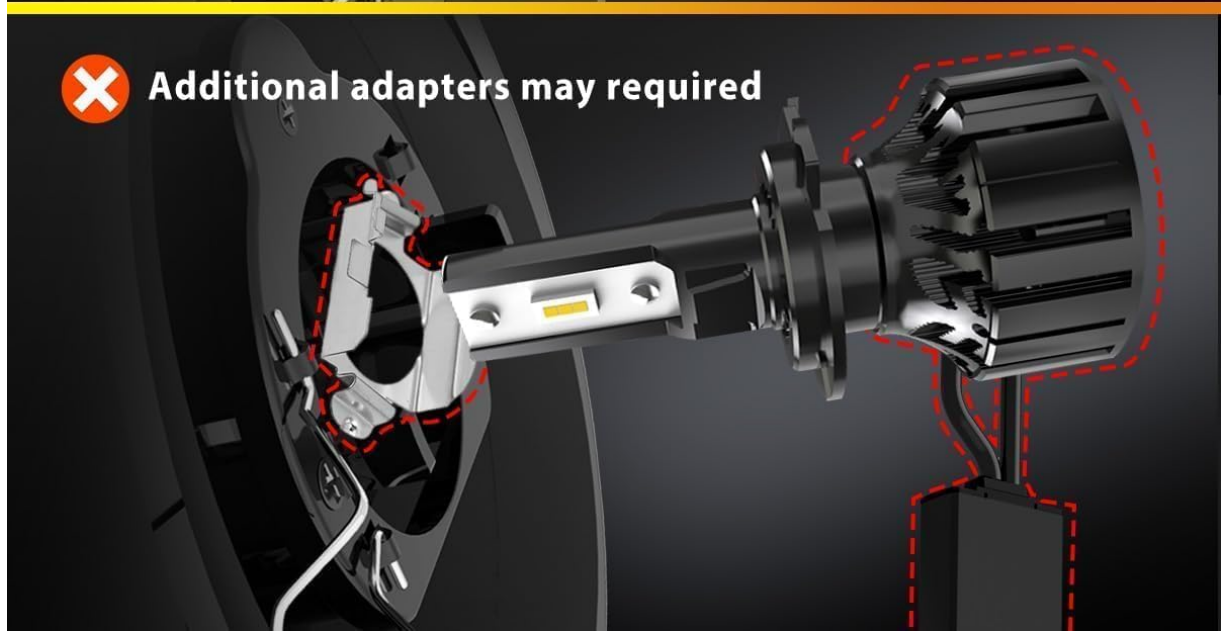


Image 1.2: Visual comparison demonstrating the wider and clearer light path provided by Termitor LED bulbs for improved safety.

2. INSTALLATION GUIDE

The Termitor H7/H7LL LED bulbs are designed for a straightforward, non-destructive installation process, often completed in minutes due to their 1:1 halogen size and non-polarity design.

2.1 Pre-Installation Checks

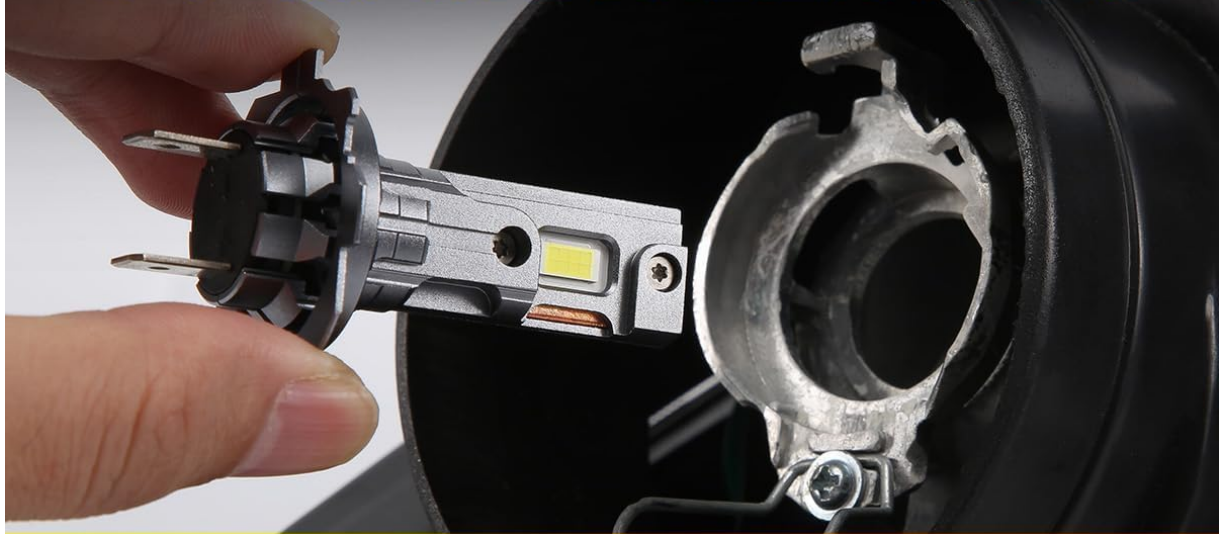
- Ensure your vehicle is turned off and the engine is cool before beginning installation.
- Verify that the H7/H7LL bulb type is compatible with your vehicle's headlight or fog light housing.
- Gather any necessary tools, though typically none are required beyond basic access to the bulb

housing.

2.2 Installation Steps

1. Locate the existing H7/H7LL bulb in your vehicle's headlight or fog light assembly.
2. Carefully disconnect the electrical connector from the old bulb.
3. Remove the old halogen bulb from its housing. This may involve unlatching a clip or twisting the bulb.
4. Insert the new Termitor H7/H7LL LED bulb into the housing. The non-polarity design means it can be inserted in either orientation.
5. Secure the LED bulb in place, ensuring it is firmly seated and any clips or retaining mechanisms are re-engaged.
6. Reconnect the electrical connector to the new LED bulb.
7. Repeat the process for the other bulb.
8. Test the lights to ensure proper function before driving.

3-MIN INSTALLATION



Non-polarity



Plug and play



Mini size



All-in-one



Image 2.1: Visual guide illustrating the simple 3-minute installation process for the Termitor H7 LED bulb, highlighting its non-polarity, plug-and-play, mini size, and all-in-one design.

PERFECT 1:1 BEAM PATTERN

- No Blind Oncoming Traffic
- No Glare To Other Drivers
- Wider & Farther Light Area

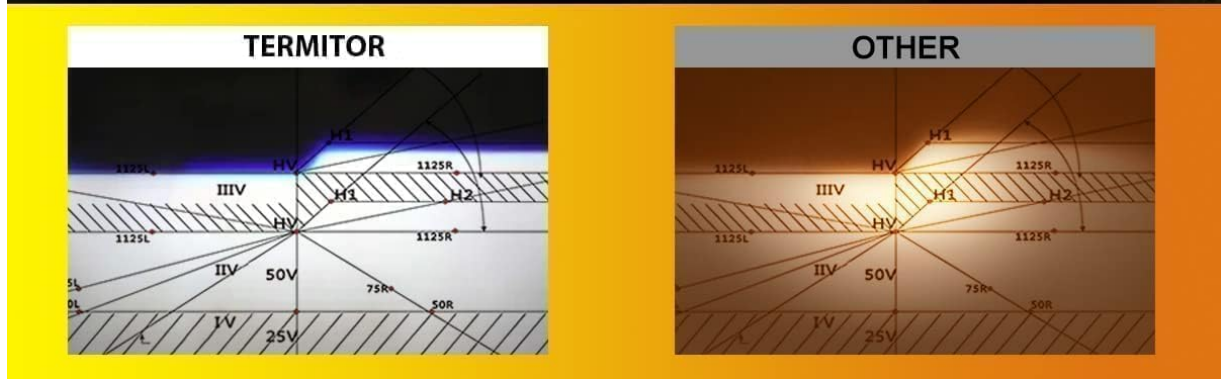


Image 2.2: Illustration demonstrating that Termitor H7 LED bulbs do not require additional adapters for installation, unlike some traditional lighting solutions.

2.3 CANbus Compatibility

These bulbs feature upgraded built-in decoding drivers for 98%+ vehicle compatibility, designed to prevent errors and flickering. However, some highly sensitive vehicle models may still require an additional CANbus decoder to resolve specific warning messages or operational issues. If you encounter such problems, please contact Termitor customer support for assistance.



Image 2.3: Detailed view of the Termitor H7 LED bulb's upgraded built-in decoding driver, highlighting interference resistance, TEC temperature control, non-destructive installation, and CANbus decoding capabilities.

3. OPERATING INSTRUCTIONS

Once installed, the Termitor H7/H7LL LED bulbs operate like your vehicle's standard lighting system. Simply use your vehicle's light switch to turn them on or off.

Important Note: These specific Termitor H7/H7LL bulbs are designed and optimized for use as **fog lights only**. Do not confuse them with your vehicle's headlights. Incorrect installation or use as headlights may lead

to errors or suboptimal performance.

UNMATCHED HEAT DISSIPATION

Latest upgraded cooling system offers heightened and enduring brightness.



Image 3.1: Depiction of Termitor IP68 Fog Lights performing effectively in various challenging weather conditions such as fog, rain, snow, and dust.

UPGRADED BUILT-IN DECODING DRIVER



Image 3.2: A critical warning emphasizing the distinction between fog lights and headlights, advising against incorrect installation to avoid errors.

4. MAINTENANCE

Termitor H7/H7LL LED bulbs are designed for durability and a long lifespan, requiring minimal maintenance.

- **Cleaning:** If the bulb's surface becomes dirty, gently wipe it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Heat Dissipation:** The bulbs feature an advanced cooling system, including a liquid-cooled metal thermal pipe and a 20,000 RPM high-efficiency fan, along with a distinctive hollow-out design. This system is self-regulating and requires no user maintenance.

- **Lifespan:** With an expected lifespan of over 70,000 hours, frequent replacements are not necessary.



Image 4.1: Exploded view illustrating the advanced heat dissipation components of the Termitor H7 LED bulb, including the liquid-cooled metal thermal pipe, high-efficiency fan, and hollow-out design.



Image 4.2: Visual comparison demonstrating the significantly reduced light decay of Termitor LED bulbs (99% brightness) compared to other bulbs (10% brightness) after 6,000 hours of use.

5. TROUBLESHOOTING

If you encounter issues after installing your Termitor H7/H7LL LED bulbs, consider the following:

- **Flickering or Error Messages:** For some sensitive vehicle models, an additional CANbus decoder may be required to prevent flickering or dashboard error messages. This is due to the lower power consumption of LED bulbs compared to halogen bulbs, which can be misinterpreted by the vehicle's

computer system.

- **Bulb Not Lighting Up:** Ensure the electrical connector is securely attached. Due to the non-polarity design, if the bulb does not light up, try reversing the connector.
- **Beam Pattern Issues:** Ensure the bulb is correctly seated and oriented in the housing. The 1:1 design aims for a perfect beam pattern without dark spots.

If problems persist after attempting these troubleshooting steps, please contact Termitor customer support for further assistance.

6. SPECIFICATIONS

Specification	Value
Model	H7
Bulb Type	H7/H7LL LED
Brightness	50,000 Lumens (per set)
Color Temperature	6500 Kelvin (Cool White)
Lifespan	Over 70,000 Hours
Voltage	DC12V
Wattage	27W
Special Features	CANbus Ready, IP68 Waterproof, Impact-Resistant Design, Clear Installation Guide
Item Weight	150 g
Parcel Dimensions	12.7 x 12.29 x 6.2 cm
Manufacturer	Termitor

FOG LIGHTS VS. HEADLIGHTS

Warning: Do not confuse Our Fog Lights with your Headlights.
Otherwise incorrect installation will cause errors.
(For fog lights use only)



Image 6.1: Excerpt from the SAE J583 Test Report for front fog lamps, indicating compliance with standards for enhanced visibility.

7. WARRANTY INFORMATION

Specific warranty details for Termitor H7/H7LL LED bulbs are not provided in this manual. For comprehensive warranty information, including terms, conditions, and duration, please refer to the official Termitor website or contact Termitor customer support directly.

8. SUPPORT

For any questions, technical assistance, or troubleshooting beyond the scope of this manual, please contact Termitor customer support. They can provide specialized guidance for your specific vehicle model and address any product-related inquiries.

Contact Information: Please visit the official Termitor website for the most up-to-date contact methods, including email, phone, or online support forms.