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FAHREN H11+9005

FAHREN H11 9005 LED Headlight and Fog Light Bulb Combo Instruction Manual

Model: H11+9005 | Brand: FAHREN

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your FAHREN H11 9005 LED Headlight and Fog Light Bulb Combo. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

KEY FEATURES

- **Perfect Focused Beam:** Features an optimal beam pattern with a clear cut-off line, preventing glare for oncoming vehicles. The 0.03-inch ultra-thin profile creates a super-focused beam with no dark spots or shadows, ensuring wider and farther night visibility.
- **900% Increased Brightness:** Utilizes the latest chip technology for 9 times the brightness of standard halogen bulbs, enhancing visibility and response times.
- **Authentic 1:1 Mini Design:** Compact design without bulky bases or extra drivers, matching the size of regular bulbs for easy installation in lamp housings. Features all-in-one design with non-plastic connectors for enhanced strength and durability.
- **10+ Years Longer Lifespan:** Constructed with premium aviation aluminum and a large copper baseboard for extensive heat dissipation. A 15,000RPM high-speed cooling fan further enhances efficiency, ensuring a lifespan exceeding 60,000 hours.
- **99%+ Vehicle Compatibility:** Equipped with upgraded linear decoding technology and a built-in intelligent IC driver, suitable for over 98% of vehicles. CANbus ready to prevent errors, flickering, or radio interference.

PACKAGE CONTENTS

Your FAHREN H11 9005 LED Headlight and Fog Light Bulb Combo package includes:

- 2 x H11 LED Bulbs
- 2 x 9005 LED Bulbs

- 1 x Cotton Gloves
- 1 x User Manual



Image: The package contents showing four LED bulbs, a user manual, and a pair of white cotton gloves, all neatly arranged in a foam insert within a black box.

SAFETY PRECAUTIONS

- Always wear the provided cotton gloves when handling the LED bulbs. Natural oils from your skin can transfer to the bulb surface, potentially reducing its lifespan and performance.
- Ensure the vehicle's engine is off and the ignition is in the 'off' position before beginning installation.
- Allow existing halogen bulbs to cool down completely before removal, as they can be very hot.
- If you are unsure about any installation steps, consult a professional mechanic.

INSTALLATION GUIDE

The FAHREN H11 9005 LED bulbs are designed for a plug-and-play installation, making the upgrade process

straightforward. Always wear the provided cotton gloves during installation.

General Installation Steps:

1. **Identify Bulb Type:** Confirm the correct bulb type (H11 or 9005) for your vehicle's low beam and high beam/fog light sockets. The bulbs are clearly marked.
2. **Disconnect Power:** Disconnect the electrical connector from the existing halogen bulb.
3. **Remove Old Bulb:** Carefully twist and pull out the old halogen bulb from its housing.
4. **Insert New LED Bulb:** Align the new FAHREN LED bulb with the socket. Insert it into the housing.
5. **Secure LED Bulb:** Gently twist the LED bulb clockwise until it locks securely into place. Ensure it is firmly seated and properly oriented for the correct beam pattern.
6. **Connect Electrical Plug:** Connect the vehicle's electrical plug to the new LED bulb. The non-polarity design allows for connection in either orientation.
7. **Test Lights:** Turn on your vehicle's lights to test the new LED bulbs. Check both low and high beams/fog lights for proper function and beam pattern.

Visual Aids for Installation:

1:1 PERFECT SIZE

✓ No external wires

✓ Non-polar connection



HALOGEN

FAHREN LED

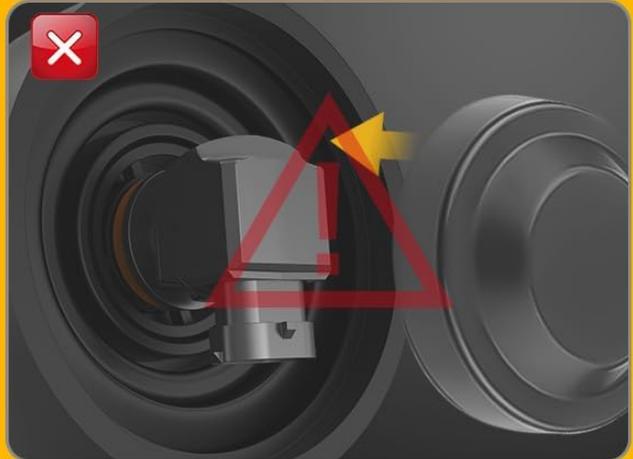


Image: 1:1 Perfect Size Comparison - FAHREN LED vs. Halogen

IP68 WATERPROOF



Rainy



Foggy



Snowy



Dusty

Image: 99% Compatibility - No Error, No Flicker

Official Installation Videos:

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Video: How to install FAHREN 9005 Light Bulbs. This video demonstrates the step-by-step process for installing 9005 LED bulbs.

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Video: How to install H11/H9/H8 Bulbs. This video provides instructions for installing H11, H9, and H8 LED bulbs.

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Video: How to Install Termitor H11/H9/H8 LED Bulbs. This video demonstrates the installation process for Termitor H11, H9, and H8 LED bulbs.

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Video: BRIGHT AND CLEAN, MAKE SURE YOU AIM. This short preview video highlights the bright and clean light output of the bulbs.

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Video: H11 9005 led headlights combo on a 2019 Honda Odyssey Van. This short preview video shows the H11 9005 LED combo installed on a 2019 Honda Odyssey.

OPERATING INSTRUCTIONS

Once installed, your FAHREN LED bulbs will provide a powerful 6500K white light. The advanced focused beam technology ensures a clear cut-off line, illuminating the road ahead without causing glare to other drivers. The instant-on feature provides immediate full brightness.



Image: Professional Light Type with Safety Anti-Glare Function

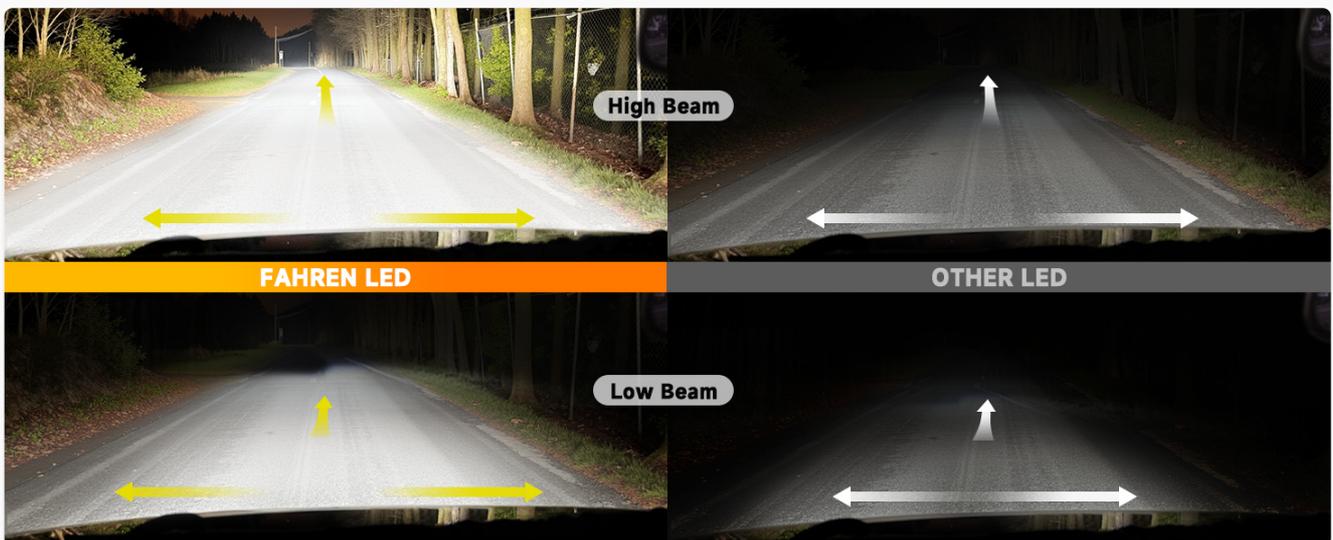


Image: Beam Pattern Comparison: FAHREN LED vs. Other LED

MAINTENANCE

FAHREN LED bulbs are designed for long-term, maintenance-free operation. The advanced cooling system ensures consistent performance and extended lifespan.

- **Cleaning:** If necessary, gently wipe the bulb's surface with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.

- **Inspection:** Periodically check the headlight housing for any signs of moisture or damage. Ensure the bulbs remain securely seated.
- **Lifespan:** With an estimated lifespan exceeding 60,000 hours, frequent replacement is not required.



Image: Potent Cooling System for Extended Lifespan



Image: IP68 Waterproof Rating

TROUBLESHOOTING

Problem	Possible Cause / Solution
Flickering or Error Message	While FAHREN bulbs are CANbus ready for most vehicles, some sensitive models may still require an additional CANbus decoder to resolve flickering or error messages. Contact FAHREN support if needed.
Bulb Not Lighting Up	Ensure the electrical connector is firmly plugged in. Due to the non-polarity design, if the bulb does not light up, simply unplug and re-plug the connector in the opposite orientation.
Incorrect Beam Pattern / Glare	Ensure the bulb is correctly seated and locked into the housing. Improper alignment can affect the beam pattern. Re-adjust if necessary.

SPECIFICATIONS

Attribute	Detail
Brand	FAHREN

Attribute	Detail
Model Number	H11+9005
Specific Uses For Product	Off-road Use
Brightness	120000 Lumen (Total for 4 bulbs)
Light Output Maximum	120000 Lumens
Operating Life	60000 Hours
Color Temperature	6500K White
Cooling System	Aviation Aluminum Body, Copper Baseboard, 15,000RPM High-Speed Cooling Fan
Waterproof Rating	IP68
Automotive Fit Type	Vehicle Specific Fit
Item Weight	9.1 ounces
Package Dimensions	7.09 x 4.76 x 2.05 inches

WARRANTY AND SUPPORT

FAHREN offers an extended 1-year warranty for VIP customers. You can scan the QR code provided in your package to register and become a VIP customer, which may also grant access to a free LED upgrade program and other surprise activities.

For any questions, technical support, or warranty claims, please contact FAHREN customer service:

- **Email:** support@fahren-veh.com (General support email from video card)