

## SEALIGHT 9006/HB4 Fog

# SEALIGHT 9006 HB4 LED Fog Light Bulbs User Manual

Model: 9006/HB4 Fog

### 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SEALIGHT 9006 HB4 LED Fog Light Bulbs. These bulbs are designed to provide brighter visibility with 12000 Lumens and 6500K cool white light, enhancing safety in various driving conditions. They feature a 1:1 mini size for easy installation and are built for long-lasting durability.



Image: SEALIGHT 9006 HB4 LED Fog Light Bulbs, showcasing the product and its packaging.

## 2. SAFETY INFORMATION

Please read and understand all safety warnings before installing or operating the fog light bulbs. Failure to follow these instructions may result in electrical shock, injury, or damage to your vehicle.

- Always disconnect the vehicle's battery before performing any electrical work.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the bulbs are cool before handling to prevent burns.
- Do not touch the LED chips directly, as oils from your skin can reduce their lifespan.
- Verify correct polarity during installation to prevent damage.
- Consult a professional mechanic if you are unsure about any installation steps.

### 3. WHAT'S IN THE BOX

Upon opening the package, please verify that all components are present and undamaged:

- 2 x SEALIGHT 9006 HB4 LED Fog Light Bulbs
- 1 x User Manual (this document)



Image: Illustration showing the contents of the product box, including two LED bulbs and a user manual.

### 4. SETUP AND INSTALLATION

The SEALIGHT 9006 HB4 LED Fog Light Bulbs are designed for quick and easy plug-and-play installation, typically taking around 3 minutes per bulb. Their 1:1 compact size ensures compatibility with most vehicles without dust cover issues.

#### 4.1. Pre-Installation Check

- Ensure your vehicle uses 9006/HB4 type fog light bulbs.
- Turn off your vehicle and remove the key from the ignition.
- Allow existing bulbs to cool down if they have been recently in use.

#### 4.2. Installation Steps

1. Locate your vehicle's fog light housing. This is typically found in the lower front bumper.
2. Carefully remove the existing fog light bulb by twisting and pulling it out.
3. Disconnect the old bulb from its electrical connector.
4. Connect the new SEALIGHT LED fog light bulb to the vehicle's electrical connector. The non-polarity design allows for immediate use without concern for connection direction.
5. Insert the new LED bulb into the fog light housing and twist to secure it in place.
6. Repeat the process for the other fog light.
7. Test the new fog lights to ensure they function correctly before driving.

# 100% SUCCESSFUL INSTALLATION



No dust cover issues as other LED bulbs



Image: A side-by-side comparison illustrating the 1:1 compact size of the SEALIGHT LED fog light bulb versus a traditional halogen bulb, highlighting ease of fitment.



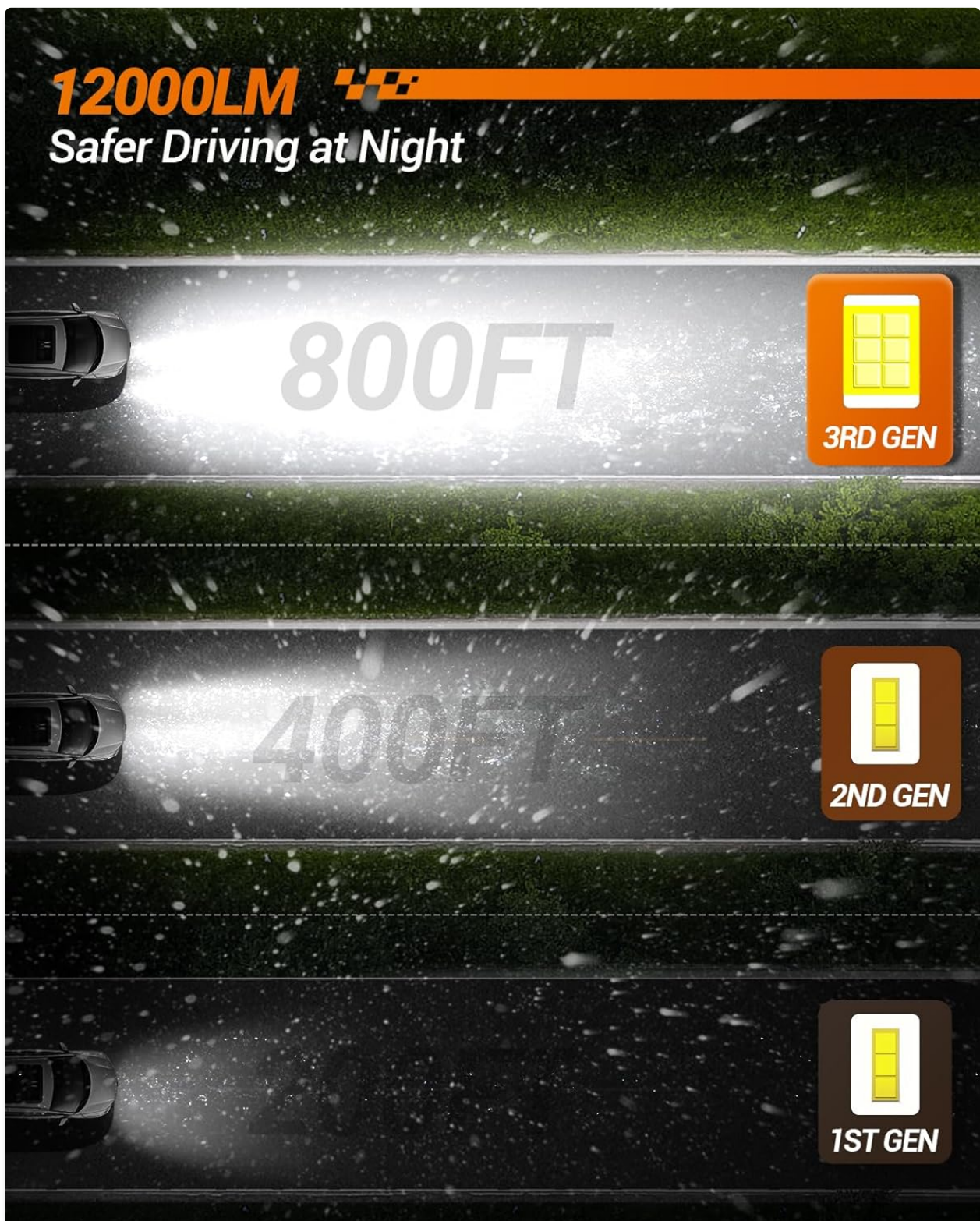


Image: A visual guide demonstrating the simple 3-minute plug-and-play installation process for the SEALIGHT LED fog light bulbs, showing connection and insertion steps.

## 5. OPERATING INSTRUCTIONS

Your SEALIGHT LED Fog Light Bulbs are designed to provide superior illumination and reliability in various driving conditions.

### 5.1. Enhanced Visibility

These bulbs deliver 12000 Lumens of 6500K cool white light, significantly improving visibility in dark

conditions, fog, and rain. The focused light output helps penetrate adverse weather, making your driving safer.

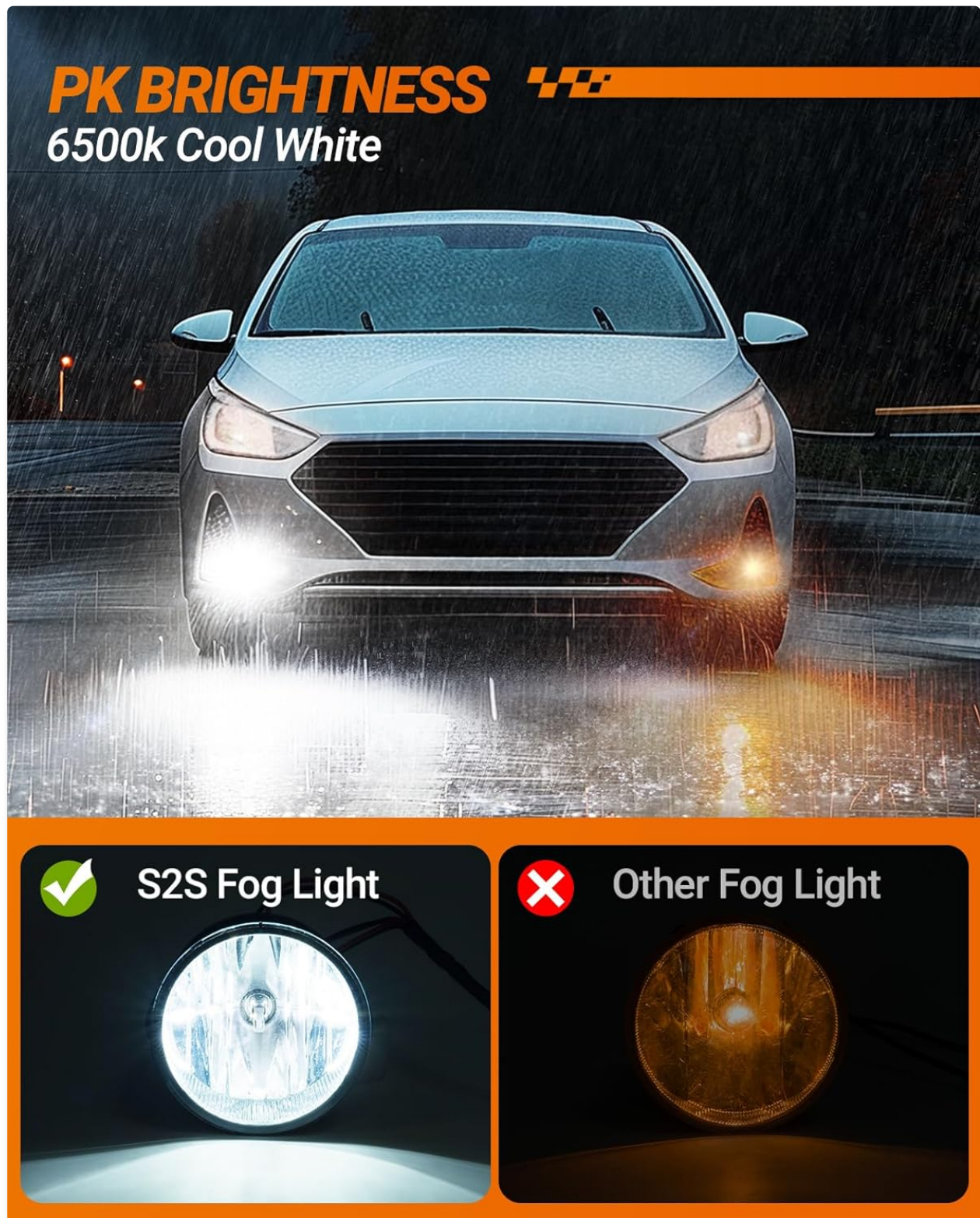


Image: A visual comparison demonstrating the superior brightness and cool white light of SEALIGHT S2S Fog Lights compared to other, dimmer fog lights.



# 3MINS INSTALLATION

Plug-and-Play, Non-polarity Socket



Image: A graphic illustrating the extended visibility range (up to 800 feet) provided by 12000LM LED fog lights, compared to older generation bulbs.



Image: A comparison showing the significant increase in brightness (800%) and clear 6500K cool white light provided by SEALIGHT LED bulbs versus dim 3500K yellow halogen lights.

## 5.2. All-Weather Performance

With an IP68 waterproof rating, these LED bulbs are designed to perform reliably in challenging weather conditions, including fog, rain, dust, and snow, ensuring consistent light output and safety.



Image: An image depicting a SEALIGHT LED fog light bulb submerged in water, illustrating its IP68 waterproof performance and resistance to various weather conditions like dust, rain, fog, and snow.

## 6. MAINTENANCE

The SEALIGHT LED Fog Light Bulbs are engineered for minimal maintenance and long-term performance.

### 6.1. Durability and Lifespan

Constructed with an aviation aluminum body and a hollow sink structure, these bulbs are designed for efficient heat dissipation, contributing to a lifespan of over 50,000 hours. This robust design reduces the need for frequent replacements.



# 50000 HOURS LIFESPAN



**DIE-CAST ALUMINUM BODY**

**HOLLOW SINK STRUCTURE**



**Excellent temperature control**

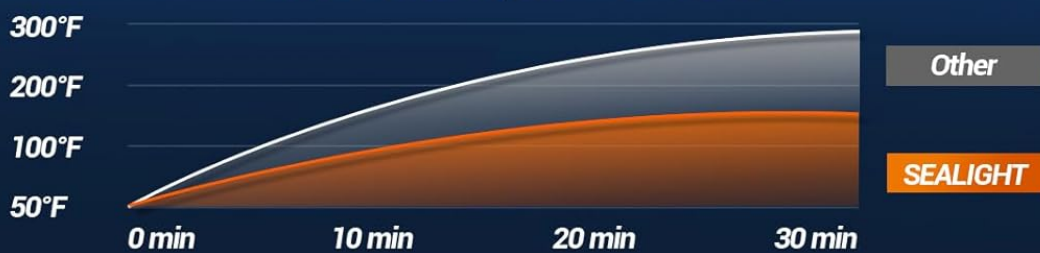


Image: An exploded view diagram illustrating the internal components of the LED bulb, including the die-cast aluminum body and hollow sink structure, designed for excellent temperature control and a 50,000-hour lifespan.



Image: A detailed diagram showcasing the powerful cooling system of the SEALIGHT LED bulbs, highlighting the high-quality chip, die-cast aluminum body, hollow sink structure, and wireless design for optimal heat dissipation.

6.2. Cleaning

Periodically inspect the bulbs for any accumulation of dirt or debris. Gently wipe the surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

7. TROUBLESHOOTING

If you encounter issues with your SEALIGHT LED Fog Light Bulbs, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulbs do not light up	Loose connection, incorrect installation, blown fuse, vehicle electrical issue.	Check connections, ensure bulbs are fully seated. Verify vehicle's fog light fuse. Test with another known working bulb if possible.
Bulbs flicker	Loose connection, voltage fluctuation, CANbus system incompatibility (rare for fog lights).	Ensure connections are secure. If flickering persists, consult a professional auto electrician.
One bulb works, the other does not	Faulty bulb, wiring issue on one side.	Swap the bulbs to determine if the issue follows the bulb or the vehicle's wiring. Check wiring for damage.
Light output is dim	Dirt/debris on lens, improper installation angle.	Clean the fog light lens. Re-seat the bulb to ensure it's correctly aligned in the housing.

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

8. SPECIFICATIONS



Feature	Description
Brand	SEALIGHT
Model	S2S Fog Light Bulbs (9006/HB4 Fog)
Light Source Type	LED (CSP LED chips)
Lumen Output	12000 Lumens (per pair)
Color Temperature	6500K Cool White
Lifespan	Over 50,000 hours
Waterproof Rating	IP68
Body Material	Aviation Aluminum
Installation	Plug-n-Play, Non-polarity
Item Weight	7 ounces
Product Dimensions	4.17 x 4.17 x 2.36 inches
Specific Uses For Product	Fog Lights
Automotive Fit Type	Universal Fit

## 9. WARRANTY AND SUPPORT

### 9.1. Warranty Information

SEALIGHT products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official SEALIGHT website. Keep your proof of purchase for warranty claims.

### 9.2. Customer Support

If you have any questions, require technical assistance, or need to report an issue with your SEALIGHT 9006 HB4 LED Fog Light Bulbs, please contact SEALIGHT customer service through their official website or the retailer from whom you purchased the product. Provide your product model number and purchase details for faster service.

For more information, visit the [SEALIGHT Store on Amazon](#).

