

[Manuals.plus](#) /

› [SEALIGHT](#) /

› SEALIGHT 9006/HB4 LED Fog Light Bulbs User Manual

SEALIGHT 9006/HB4

SEALIGHT 9006/HB4 LED Fog Light Bulbs User Manual

Brand: SEALIGHT | Model: 9006/HB4

INTRODUCTION

Thank you for choosing SEALIGHT 9006/HB4 LED Fog Light Bulbs. These high-performance LED bulbs are designed to provide superior illumination for your vehicle's fog lights or daytime running lights (DRL). Featuring a 1:1 size design for easy plug-and-play installation, 360-degree amplified illumination, and a 6000K Xenon White light pattern, they offer a significant upgrade over traditional halogen bulbs. This manual provides essential information for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your new fog lights.



Image: Two SEALIGHT 9006/HB4 LED fog light bulbs shown with their packaging, highlighting the product's appearance.

What's in the Box

Your SEALIGHT 9006/HB4 LED Fog Light Bulbs package includes:

- 2 x SEALIGHT LED Fog Lights (9006/HB4)

SPECIFICATIONS

Feature	Detail
---------	--------

Brand	SEALIGHT
Model	9006/HB4 (AFGF19006-SU)
Specific Uses	Fog Lights, DRL
Brightness	5000 Lumen (per group)
Color Temperature	6000K Xenon White
LED Chips	27 LED chips per bulb, 360-degree illumination
Lifespan	Over 30,000 Hours
Material	All-in-one aluminum
Voltage	12 Volts
Special Features	Waterproof, Focused Beam (with lens design)
Fit Type	Universal Fit (for 9006/HB4 sockets)

INSTALLATION GUIDE

The SEALIGHT 9006/HB4 LED Fog Light Bulbs are designed for a simple, plug-and-play installation, typically taking around 10 minutes. Always ensure your vehicle is turned off and cool before beginning any installation.

Before Installation:

- **Verify compatibility:** Refer to your vehicle's owner's manual or use an automotive bulb finder to confirm that your vehicle uses 9006/HB4 bulbs for its fog lights or DRL.
- Ensure the vehicle is off and cool.
- Wear gloves to avoid touching the bulb surface directly.

Installation Steps:

1. **Remove the Original Bulbs:** Locate your vehicle's fog light housing. Carefully disconnect the electrical connector from the existing bulb. Then, twist or unclip the old bulb to remove it from the housing.
2. **Insert SEALIGHT LED Fog Light Bulb:** Take your new SEALIGHT LED bulb. Align the tabs on the bulb base with the slots in the vehicle's fog light housing. Insert the bulb and gently twist or push it until it locks securely into place.
3. **Connect the Plug:** Reconnect the vehicle's electrical connector to the new SEALIGHT LED bulb. Ensure a firm and secure connection.
4. **Test Functionality:** Turn on your vehicle's fog lights to ensure both new LED bulbs are functioning correctly.

10 MINUTES TO INSTALL



Nondestructive
Installation



Plug and Play
Instant Startup



Instant
Startup



Fits: 9006/HB4

Image: A visual comparison demonstrating the 1:1 size ratio between the SEALIGHT LED bulb and a standard halogen bulb, indicating easy fitment.



Image: Step-by-step visual instructions for installing the fog light bulbs, showing removal of the old bulb, insertion of the new LED bulb, and connecting the plug.

Your browser does not support the video tag.

Video: An official product video from SEALIGHT demonstrating the features and installation process of the F1 Series 9006/HB4 LED Fog Light Bulbs.

OPERATING INSTRUCTIONS

Once installed, your SEALIGHT LED Fog Light Bulbs operate just like your vehicle's original bulbs. Simply turn on your fog lights or DRLs using your vehicle's standard controls.

- **Enhanced Brightness:** Experience up to 300% brighter light output compared to standard halogen bulbs, providing improved visibility.
- **Optimal Light Pattern:** The 360-degree illumination and focused beam design ensure light is projected effectively, reducing glare for oncoming traffic while maximizing your view of the road.
- **Color Temperature:** Enjoy a crisp 6000K Xenon White light, which closely mimics natural daylight for better clarity and reduced eye strain.

A BRIGHTNESS BEYOND YOUR IMAGINATION



360° Amplified Illumination
Front Glass Lens
Focused Beam



Maximize Light Output
4-Sided 2835 Led Chips



Image: An illustration detailing the 360-degree amplified illumination and focused beam technology of the SEALIGHT LED fog light bulb.

Your browser does not support the video tag.

Video: A short video demonstrating the performance of the SEALIGHT fog lights in foggy conditions, showing improved visibility.

MAINTENANCE

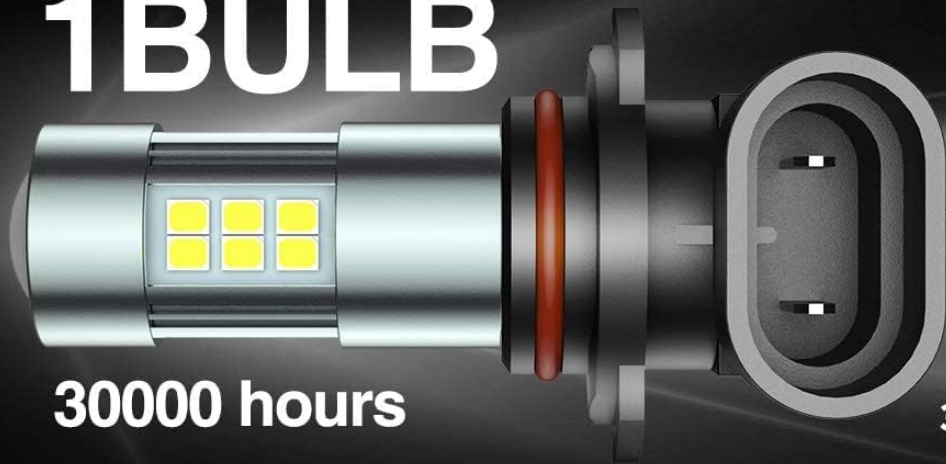
SEALIGHT LED Fog Light Bulbs are designed for long-term, maintenance-free operation. With a lifespan exceeding 30,000 hours, they significantly outlast traditional halogen bulbs.

- **Durability:** The all-in-one aluminum material provides excellent heat dissipation, contributing to the extended lifespan and stable performance of the bulbs.
- **Cleaning:** If necessary, gently wipe the lens of the fog light housing with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Inspection:** Periodically check the bulbs for any signs of damage or loose connections.

FEWER REPLACEMENTS

SEALIGHT led fog light bulbs long lifespan > 30000 hours

1 BULB



0
HOURS

30000 hours

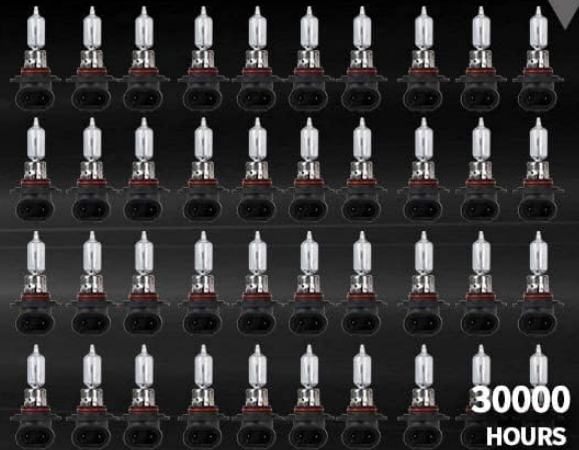
30000
HOURS

LED FOG LIGHT BULBS

HALOGEN LIGHT BULBS

40 BULBS

30000 hours



0
HOURS

30000
HOURS

Image: A graphic illustrating the superior lifespan of SEALIGHT LED fog lights, showing one LED bulb lasting as long as 40 halogen bulbs (30,000+ hours).

WITHOUT FAN AND ANNOYING NOISE



360 Degree
Heat Radiating



Low Power
Consumption



Image: An exploded view diagram of the LED bulb highlighting its fanless design and efficient 360-degree heat radiating system for optimal performance and quiet operation.

TROUBLESHOOTING

If you encounter any issues with your SEALIGHT LED Fog Light Bulbs, please refer to the following common solutions:

Problem	Possible Cause	Solution
Bulbs do not light up	Loose connection, incorrect polarity, blown fuse, incompatible vehicle wiring.	Check all electrical connections to ensure they are secure. For some vehicles, LED bulbs may require polarity reversal. Try flipping the plug 180 degrees and reinserting. Inspect your vehicle's fuse box for any blown fuses related to the fog lights. Ensure the bulb type (9006/HB4) is correct for your vehicle.
Flickering or intermittent operation	Voltage fluctuations, CANbus system incompatibility.	Some modern vehicles with CANbus systems may require an additional CANbus decoder (resistor) to prevent flickering or error messages. This is not included with the bulbs. Ensure stable power supply to the fog lights.
Dashboard error message (e.g., "bulb out")	Low power draw of LED bulbs, CANbus system.	LED bulbs draw less power than halogen bulbs, which can trigger a "bulb out" warning in some vehicle's computer systems. An external CANbus decoder is typically required to resolve this.
Light pattern is not optimal	Improper bulb seating.	Ensure the bulb is fully seated and locked into the housing, and that the LED chips are oriented correctly (e.g., facing left and right for optimal beam pattern in reflector housings).

WARRANTY AND SUPPORT

SEALIGHT is committed to providing high-quality products and customer satisfaction. For specific warranty details, please refer to the documentation included with your purchase or visit the official SEALIGHT website.

- **User Manual (PDF):** For a downloadable version of the user manual, please refer to the link provided with your product or on the product's Amazon page. [Download PDF User Manual](#)
- **Contact Support:** If you have any questions, concerns, or require technical assistance, please contact SEALIGHT customer support through their official channels or visit the [SEALIGHT Store on Amazon](#).