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## SEALIGHT S1 9007

# SEALIGHT S1 9007/HB5 LED Fog Light Bulbs User Manual

Model: S1 9007 | Brand: SEALIGHT

## INTRODUCTION

Thank you for choosing SEALIGHT S1 9007/HB5 LED Fog Light Bulbs. These high-performance LED bulbs are designed to provide superior illumination, enhancing visibility and safety during night driving or adverse weather conditions. Featuring a 1:1 design for easy installation and a fanless cooling system for quiet operation and extended lifespan, the S1 bulbs offer a significant upgrade over traditional halogen bulbs.

## WHAT'S IN THE BOX

- 2 x SEALIGHT 9007/HB5 LED Bulbs
- 1 x User Manual



Figure 1: Package Contents (Note: Installation gloves may be included but are not listed in the "What's in the Box" data.)

## PRODUCT FEATURES

- **Superior Brightness:** Equipped with the latest chip technology, these bulbs deliver 32000LM of efficient lighting output, providing an 800% brighter and wider illumination range compared to standard halogen bulbs. This

enhances visibility of road markings, obstacles, and other vehicles.

- **1:1 Design for Compatibility:** The S1 9007/HB5 bulbs feature a 1:1 design, ensuring a perfect fit into the original bulb housing and factory plug. This design minimizes compatibility issues such as error messages, radio static, or flickering.
  - **Quick Installation:** Designed for a perfect 1:1 fit, installation can typically be completed within 3 minutes without any modifications to your vehicle's sockets.
  - **Fanless Operation:** The intelligent cooling driver eliminates the need for a fan, preventing fan failure and radio interference. This ensures a quiet and uninterrupted driving experience.
  - **Extended Lifespan:** Constructed with a full aluminum body and dual built-in copper pipes, combined with IP67 waterproof capabilities, these bulbs are protected against water ingress and maintain brightness and clarity for up to 60,000 hours.
-

**NO FREQUENT REPLACEMENT**  
**1 S1 LED BULB=120 HALOGEN BULB**



Figure 2: Long Lifespan of SEALIGHT S1 LED Bulbs

# INTELLIGENT COOLING SYSTEM

## FANLESS DESIGN



No noise



No Radio Interference



No Fan Failure



FINE COPPER



AVIATION  
ALUMINUM FINE COPPER

Figure 3: Intelligent Cooling System

### SPECIFICATIONS

Attribute	Value
Brand	SEALIGHT

Attribute	Value
Model	S1 9007
Specific Uses For Product	Fog Lights
Brightness	32000 Lumen
Color Temperature	6000K Cool White
Item Package Quantity	2 Bulbs
Operating Life	60000 Hours
Waterproof Rating	IP67
Voltage	12 Volts
Item Weight	11.3 ounces
Product Dimensions	4.72 x 4.33 x 3.27 inches

## INSTALLATION GUIDE

The SEALIGHT S1 9007/HB5 LED bulbs are designed for a quick and straightforward installation process. Always ensure your vehicle's engine is off and the lights are cool before beginning installation.

- Access the Bulb Housing:** Locate the existing halogen bulb in your vehicle's headlight or fog light assembly. Depending on your vehicle model, you may need to remove a dust cover or access panel.
- Remove Old Bulb:** Disconnect the electrical connector from the old bulb. Then, carefully twist or unclip the old bulb to remove it from the housing.
- Insert LED Bulb:** Gently insert the new SEALIGHT S1 LED bulb into the housing. Ensure the LED chips are positioned correctly (typically at 3 and 9 o'clock positions for optimal beam pattern).
- Secure by Rotation:** Twist the LED bulb clockwise until it is securely fixed in place within the housing.
- Connect the Plug:** Connect the electrical plug from your vehicle to the connector on the LED bulb. Ensure a firm connection.
- Test Functionality:** Turn on your vehicle's lights to test the new LED bulbs. Verify both low and high beam (if applicable) functionality and proper illumination.
- Replace Dust Cover/Panel:** Once confirmed working, replace any dust covers or access panels removed earlier.

# WORRY ABOUT COMPLEX INSTALLATION? NO

PLUG N PLAY WITH 5 MIN



**5MIN**   
**INSTALLATION**



Figure 4: Simplified Installation Steps



Figure 5: Visual Installation Guide

For vehicle compatibility, please refer to the fitment guide provided by SEALIGHT or consult your vehicle's manual. Some vehicles may require specific positioning of the LED chips for optimal beam pattern, which can be adjusted by rotating the bulb in the housing.

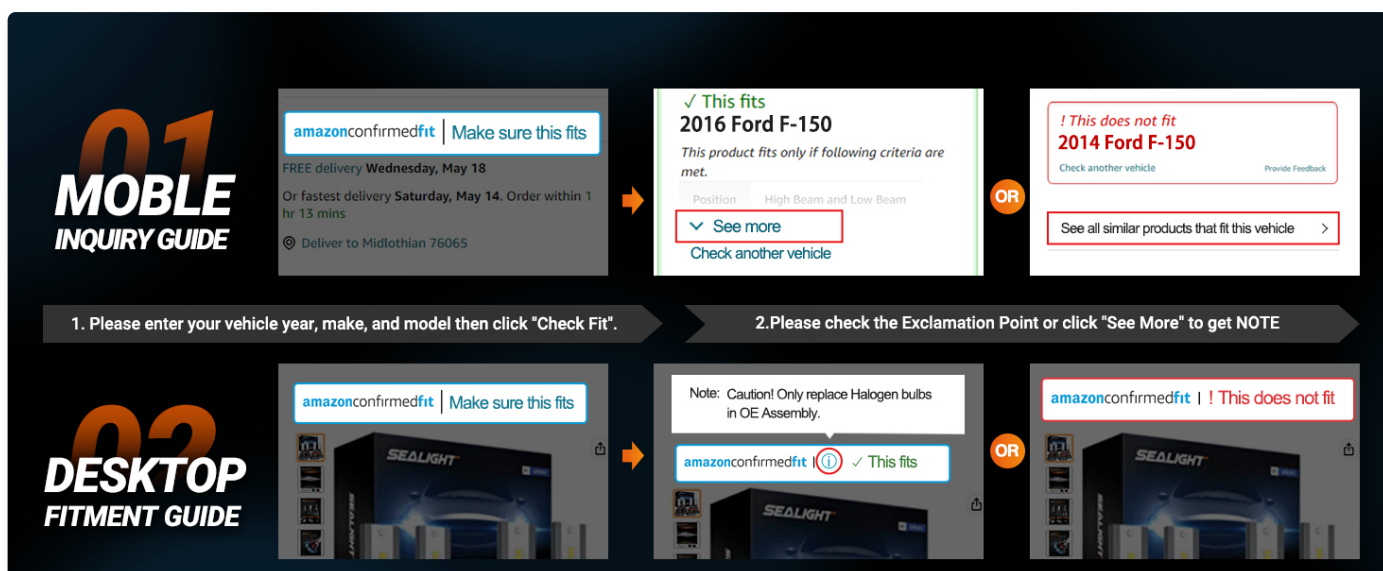


Figure 6: Vehicle Fitment Guide

## OPERATING INSTRUCTIONS

Once installed, the SEALIGHT S1 9007/HB5 LED bulbs operate like your vehicle's original fog lights. Simply activate your vehicle's fog light switch to turn them on or off. The bulbs are designed for instant full brightness upon activation.

Your browser does not support the video tag.

Video 1: Demonstration of SEALIGHT S1P Bulbs in operation, showcasing their brightness and beam pattern on a vehicle.

The 6000K cool white light provides clear visibility, especially beneficial in foggy, rainy, or snowy conditions. The wide and far-reaching beam pattern helps illuminate the road effectively.



Figure 7: Performance in Various Weather Conditions

## MAINTENANCE

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SEALIGHT S1 LED bulbs are designed for minimal maintenance due to their durable construction and fanless design. Regular maintenance includes:

- **Cleaning:** Periodically clean the exterior of your vehicle's headlight or fog light lenses to ensure maximum light output. Use a soft cloth and appropriate automotive cleaning solution.
- **Inspection:** Occasionally inspect the bulbs and wiring for any signs of damage or loose connections.

Do not attempt to disassemble the LED bulbs, as this may void the warranty and damage the product.

## TROUBLESHOOTING

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If you encounter issues with your SEALIGHT S1 LED bulbs, consider the following common troubleshooting steps:

- **Bulbs Not Lighting Up:**
  - Check the electrical connection to ensure it is secure and properly seated.
  - Verify the polarity of the connection. Some vehicles may require the connector to be flipped.
  - Ensure the vehicle's fuse for the fog lights is not blown.
- **Flickering or Error Messages:**
  - While SEALIGHT S1 bulbs are designed for high compatibility, some sensitive vehicle systems may still detect a difference from halogen bulbs. A CANbus decoder (sold separately) may be required to resolve flickering or dashboard error messages.
- **Radio Interference:**
  - The fanless design significantly reduces interference. If interference occurs, ensure the bulb's wiring is not running too close to radio antenna cables.
- **Incorrect Beam Pattern / Not Bright Enough:**
  - Ensure the LED chips on the bulb are oriented correctly (typically horizontal, at 3 and 9 o'clock positions) within the housing. Adjust by rotating the bulb if necessary.
  - Verify that the bulb is fully seated and locked into the housing.

- **High Beam Indicator Light Not Working (for some vehicles):**
  - Some vehicles complete the high beam indicator circuit through the low beams of the bulbs. LED bulbs may not draw enough power to complete this circuit, causing the dashboard indicator to not light up. This is generally not a functional issue with the high beams themselves, but rather a display issue.

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

## Safety Information

- Always wear appropriate safety gear, such as gloves, during installation.
- Ensure the vehicle's engine is off and the battery is disconnected before performing any electrical work.
- Do not touch the LED chips directly, as oils from your skin can reduce their lifespan.
- Keep the bulbs away from water and moisture during storage and installation, unless they are specifically designed for wet environments (these bulbs are IP67 rated).
- Do not look directly into the illuminated LED bulbs, as the intense light can cause eye strain or damage.
- Dispose of old bulbs responsibly according to local regulations.

## Warranty and Support

SEALIGHT products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your SEALIGHT S1 9007/HB5 LED bulbs, please contact SEALIGHT customer service through their official website or the retailer where you purchased the product. Please have your purchase details and product model number ready when contacting support.

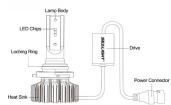
Visit the official SEALIGHT Store: [SEALIGHT Store on Amazon](#)



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### Related Documents - S1 9007

	<a href="#">SEALIGHT Xenower X4 LED Headlight Bulbs User Manual and Installation Guide</a> Comprehensive user manual and installation guide for SEALIGHT Xenower X4 LED Headlight Bulbs, covering product introduction, specifications, user instructions, detailed installation steps for various models, suggestions, FAQs, and warranty information.
	<a href="#">SEALIGHT X2 LED Lighting User Manual - Installation and Specifications</a> Comprehensive user manual for SEALIGHT X2 LED lighting bulbs, including product introduction, specifications, installation instructions for various models, and frequently asked questions.



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- **SEA LIGHT LED Handlight Bulb** (1 pair of 0005 bulbs and 1 pair of 2006 bulbs)

- SEALIGHT LED Headlight Bulb (1 pair of 9005 bulbs and 1 pair of 9006 bulbs)
- Double Sided Tape x 2
- Zip Ties x 4
- User Manual x 1

Operating Voltage	90-120V
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Operating Voltage	DC12V
Waterproof Rating	IP67
LED Component	COB
Heat Sink Material	6063 Aluminum
Cooling	Aluminum HeatSink
Cold Temperature	-55°C~55°C
Operating Temperature	-40°C ~ +85°C

3. Removing the original rubber cover and original bulb.

- 5. Removing The original rubber cover and original bulb.
  - Remove the rubber cover (if present).
  - Push down the knob on the connector and disconnect the two parts.
  - Turn the bulb counter clockwise and remove the original bulb.



2. Insert the bulb into the light housing.



Diagram showing the relationship between the number of teeth and the number of teeth in the opposite jaw. The diagram is a simple line drawing of a human head in profile, showing the upper and lower jaws. The upper jaw is labeled 'Upper Jaw' and the lower jaw is labeled 'Lower Jaw'. The number of teeth in the upper jaw is indicated as 16, and the number of teeth in the lower jaw is indicated as 16. The diagram is labeled 'Diagram showing the relationship between the number of teeth and the number of teeth in the opposite jaw.'

**INSTALLATION VIDEO**  
Search "SEALKIT Lighting" on YouTube to find and watch an installation video.

YouTube | [www.youtube.com/watch?v=8XU8Tfugng0](https://www.youtube.com/watch?v=8XU8Tfugng0)

## TROUBLESHOOTING

The lights do not

2. Make sure that the vehicle has enough battery to supply power to the LED bulb.

	Make sure the connection is good. If one of the
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One of the bulbs is (all are) broken

1. The following information is provided for the year ended 31 December 2014:	2. The following information is provided for the year ended 31 December 2014:
3. The following information is provided for the year ended 31 December 2014:	4. The following information is provided for the year ended 31 December 2014:

The lights flicker or flash	Install the LED bulb with the resistors (CANbus) to resolve the issue.
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This is a harmless side-effect of the low-voltage LED bulbs not being recognised

by the vehicle's system and can be received with the installation of an additional set of speakers. (CAdapters)

[illegible]

www.sealight-led.com      support@sealight-led.com

Comprehensive user manual for the SEALIGHT LED Headlight Kit, covering installation, product specifications, and troubleshooting for models 9005/HB3 and 9006/HB4. Features CSP LEDs, 6000K-6500K color temperature, and IP67 waterproof rating.



[SEALIGHT Scoparc S6 LED Headlight Bulb Installation Guide and User Manual](#)  
Comprehensive guide for installing and using SEALIGHT Scoparc S6 LED headlight bulbs.  
Includes product specifications, installation instructions for various models, troubleshooting tips,  
and warranty information.

## User Manual

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[www.sealight-led.com](http://www.sealight-led.com)

get@seelight-led.com

- SEALIGHT LED Headlight Bulb(1 pair)

- Double Sided Tape x 2
- Zip Ties x 4
- User Manual x 1

Operating Voltage	
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Waterproof Rating	IP67
LED Component	COB
Heat Sink Material	6063 Aluminum
Cooling	Aluminum Heat Sink
Color Temperature	3000K-6500K
Operating Temperature	-40°C ~ +85°C

1. Removing the vehicle's rubber cover and
2. Disconnect the vehicle connector.

- ② Push down the bulb spring to release it. ③ Take out the original bulb.

2. Holding the bull by the head stick, twist the locking ring counter-clockwise

3. Install the locking ring to the vehicle's light housing and fix it in place using

**NOTE:** When installing the locking ring section to the vehicle's light housing, be very careful not to chip the locking ring inside the housing.

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- 
- LOCKING RING: LED BULB:

- (Please make sure the LED bulb is installed in the correct position.)

The LED bulb should be installed so that the flat sides of the bulb containing the LED elements are facing 3 and 9 o'clock, respectively.

-  [INSTALLATION VIDEO](#)

	1. Check if the po expected, and
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- |  |   |
|--|---|
|  | 1. Check if the power connectors are properly connected, and make sure that the vehicle |
|--|---|

2. Make sure that the vehicle has enough battery to supply power to the LCD unit.

- Make sure the connection is good. If one of the

One of the bulbs is not working

	to the ceiling, making the fixture up to the desired light assembly.
The lights flicker	install the LED bulb with the maximum

or Email	(CANbus) to resolve the issue.

This is a harmless side-effect of the low-wattage LED bulbs not being recognized by the vehicle's system and can be resolved

Remove a system disk-board	with the installation of an additional set of residues (CANRes).
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User manual for the SEALIGHT LED Headlight Kit (Model 9003/H4/HB2), providing installation instructions, product specifications, and troubleshooting tips for optimal vehicle lighting.