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› SEALIGHT S3 Series LED Fog Light Bulbs User Manual

SEALIGHT S3

SEALIGHT S3 Series LED Fog Light Bulbs User Manual

MODEL: S3 (9005+H11 COMBO)

1. Introduction

Thank you for choosing SEALIGHT S3 Series LED Fog Light Bulbs. This manual provides essential information for the proper installation, operation, and maintenance of your new LED bulbs. Please read it thoroughly before installation to ensure optimal performance and safety.

2. Product Features

- **Enhanced Visibility:** Upgraded CSP LED chips provide 64,000lm light output and a 6500K cool white color temperature, offering significantly wider and farther visibility for night driving.
- **Easy Installation:** All-in-one and mini-size design allows for quick and straightforward installation, typically completed within 5 minutes.
- **Extended Lifespan:** Built-in copper tube and full aviation aluminum body effectively dissipate heat, ensuring a lifespan of over 60,000 hours.
- **Optimized Beam Pattern:** Features 0.04 inch ultra-thin light emitting and 16 LED chips per bulb for a focused and even light pattern, preventing dark spots and blinding oncoming drivers.
- **Plug and Play Compatibility:** Equipped with an intelligent IC driver for high compatibility across a wide range of vehicle models, ensuring error-free operation.

SEALIGHT

64000LUMEN

900FT

6500K

Farther & Wider ☑

700% BRIGHTER

THAN TRADITIONAL HALOGEN BULBS



Narrow & Dim ☒

HALOGEN

600LUMEN

150FT

3000K

Image: Visual comparison demonstrating the superior brightness and wider illumination provided by SEALIGHT S3 LED bulbs compared to standard halogen bulbs.



Image: Detailed comparison table highlighting the advantages of SEALIGHT S3 LED bulbs over traditional halogen bulbs in terms of brightness, reaction time, lifespan, material, and light distance.

3. What's in the Box

Your SEALIGHT S3 Series LED Fog Light Bulbs package includes the following items:

- 4 x SEALIGHT LED Bulbs (9005+H11 Combo)
- 2 x Spare Rubber Rings
- 1 x Instruction Guide
- 1 x Installation Gloves



Image: An illustration of all components included in the SEALIGHT S3 LED Fog Light Bulbs package.

4. Installation Guide

The SEALIGHT S3 Series LED Fog Light Bulbs are designed for a straightforward, plug-and-play installation. Follow these general steps:

1. **Preparation:** Ensure your vehicle is turned off and cooled down. Wear the provided installation gloves to avoid touching the bulb surface.

2. **Access:** Locate your vehicle's existing fog light bulbs. Depending on your vehicle model, you may need to access them from under the hood or through the wheel well.
3. **Remove Old Bulb:** Twist the old halogen bulb counter-clockwise to remove it from its housing. Disconnect the electrical connector.
4. **Insert New LED Bulb:** Insert the new SEALIGHT LED bulb into the housing. Ensure the LED chips are oriented vertically (at the 3 and 9 o'clock positions) for the optimal beam pattern. Twist clockwise to secure it.
5. **Connect Power:** Connect the electrical connector to the new LED bulb. Ensure a secure connection.
6. **Test:** Turn on your vehicle's fog lights to test the new LED bulbs. If they do not light up, check the connection and the orientation.

For specific vehicle fitment, please refer to the fitment guide:



Image: Visual guide for the 3-minute quick installation process of the LED bulbs.

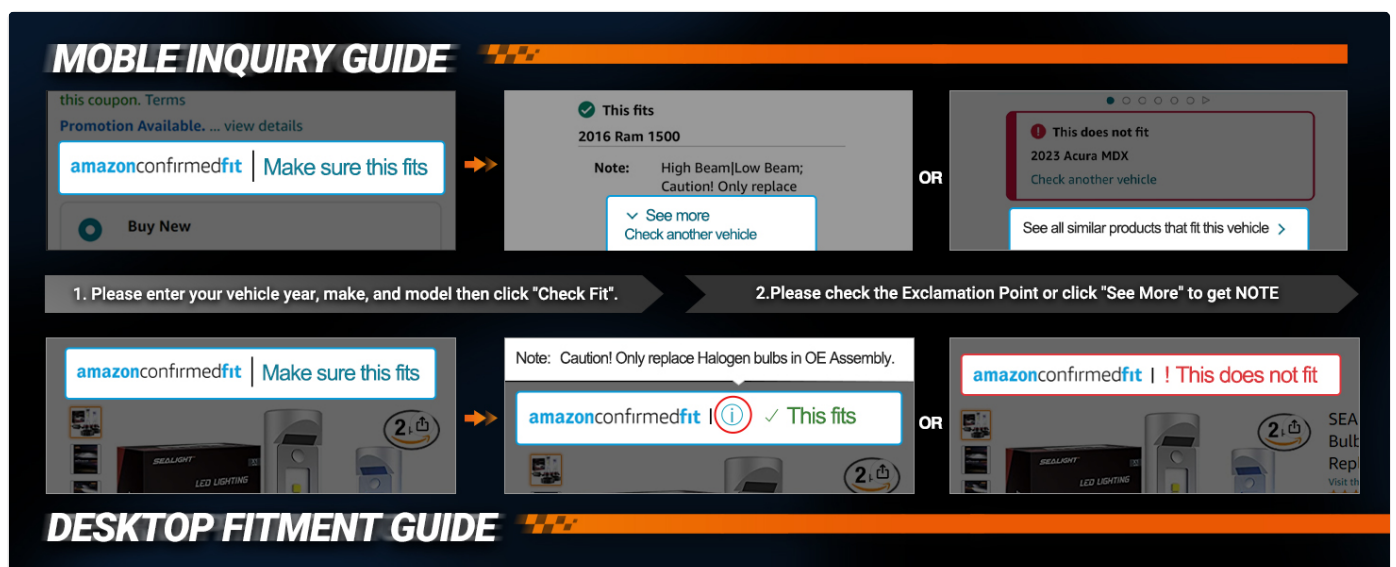


Image: Instructions on how to verify product compatibility with your vehicle using Amazon's fitment checker.

5. Operating Instructions

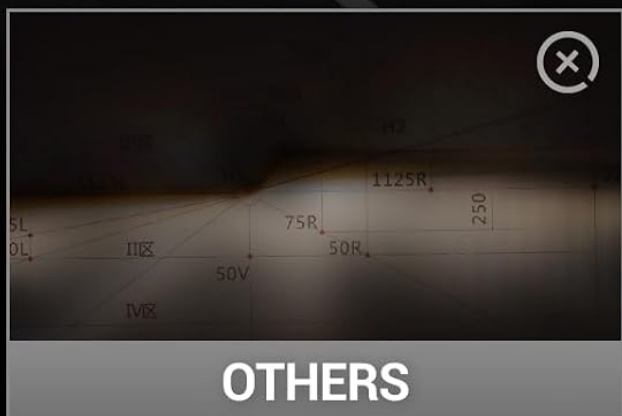
Once installed, your SEALIGHT S3 Series LED Fog Light Bulbs operate like your original bulbs. Simply activate your vehicle's fog light switch to turn them on. The advanced design ensures instant full brightness and a clear, wide beam pattern for improved visibility in adverse weather conditions such as fog, rain, or snow.

1:1 PERFECT BEAM PATTERN

NO BLINDING, NO SPOTS



SEALIGHT S3



OTHERS

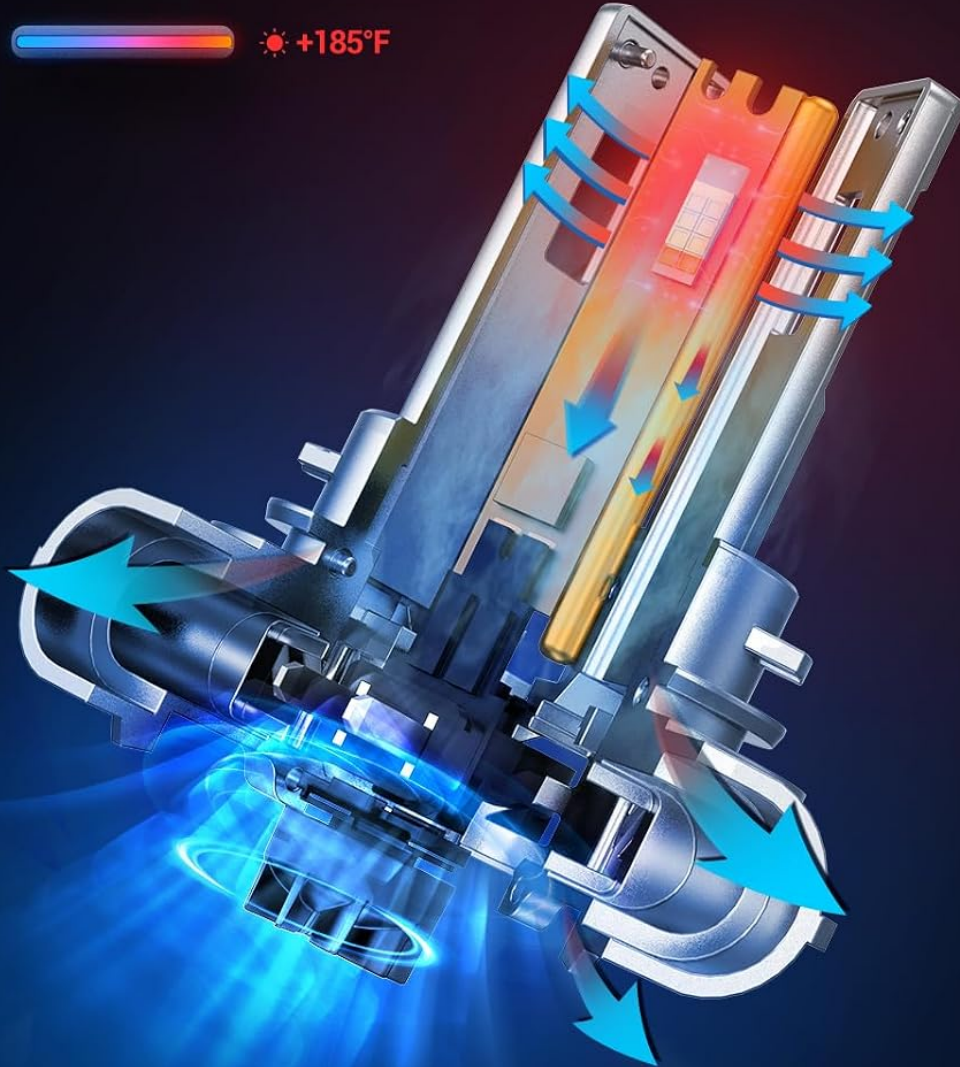
Image: Demonstrates the precise and uniform light distribution of SEALIGHT S3 bulbs, designed to illuminate the road effectively without causing glare for other drivers.

6. Maintenance

SEALIGHT S3 Series LED Fog Light Bulbs are designed for long-term, maintenance-free operation. Their robust construction and efficient heat management system contribute to their extended lifespan. No regular maintenance is required for the bulbs themselves. Ensure the fog light housing is kept clean to maximize light output.

60000+ HOURS LIFESPAN

❄️ -77°F  🌞 +185°F



Aviation
Aluminum Body



15000RPM
Cooling Fan



Copper
Substrate



Copper
Tube

Image: Internal view of the LED bulb showcasing its advanced cooling system, including an aviation aluminum body, cooling fan, copper substrate, and copper tube, which ensures a long operational life.



Image: The IP68 waterproof rating ensures durability and reliable performance in various weather conditions.

7. Troubleshooting

If you encounter any issues with your SEALIGHT S3 Series LED Fog Light Bulbs, please refer to the following common troubleshooting tips:

- **Bulbs Not Lighting Up:**
 - Check all electrical connections to ensure they are secure and properly seated.
 - Verify the polarity of the connection. Some vehicles may require reversing the plug.
 - Ensure the bulb is correctly inserted and twisted into the housing.
- **Flickering or Error Messages (CANbus Issues):**
 - Some sensitive vehicle systems (e.g., certain Dodge Ram models) may require an additional CANbus decoder to prevent flickering or dashboard error messages. If you experience these issues, please contact SEALIGHT customer support for assistance.
- **Improper Beam Pattern:**
 - Ensure the LED chips are oriented vertically (at the 3 and 9 o'clock positions) within the housing. Adjust if necessary.

For further assistance, please contact SEALIGHT customer support.

8. Specifications

Attribute	Value
Brand	SEALIGHT
Model	S3
Specific Uses For Product	Fog Lights
Color Temperature	6500K Cool White
Lumen Output	64,000LM (Pair)
Lifespan	60,000+ Hours
Material	Aviation Aluminum Body
Waterproof Rating	IP68
Item Weight	1.32 pounds
Product Dimensions	5.63 x 5.59 x 1.97 inches

9. Warranty & Support

SEALIGHT is committed to providing high-quality products and excellent customer service. Your S3 Series LED Fog Light Bulbs are designed for exceptional durability and a long operational life of over 60,000 hours.

For any questions, technical support, or warranty inquiries, please contact SEALIGHT customer service. We strive to ensure your complete satisfaction.

Visit the official SEALIGHT store for more information and products: [SEALIGHT Amazon Store](#)