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› SEALIGHT S2S H13 H10 LED Fog Light Bulbs User Manual

SEALIGHT S2S H13+H10 Fog Light Bulbs

SEALIGHT S2S H13 H10 LED Fog Light Bulbs User Manual

Model: S2S H13+H10 Fog Light Bulbs

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SEALIGHT S2S H13 and H10 LED Fog Light Bulbs. Please read this manual thoroughly before installation and use to ensure proper function and safety. These bulbs are designed to provide enhanced visibility and a longer lifespan compared to traditional halogen bulbs.

2. PRODUCT CONTENTS

Verify that all items are present in the package:

- 4 x H13+H10 Light Bulbs
- 1 x User Manual (this document)
- 1 x Pair of Installation Gloves
- 4 x Spare Rubber Rings
- 8 x Spare Screws



Image: Contents of the SEALIGHT S2S H13 H10 LED Fog Light Bulbs package, showing the bulbs, user manual, gloves, and spare parts.

3. SAFETY INFORMATION

Always prioritize safety when working with vehicle electrical systems and lighting components.

- Ensure the vehicle's engine is off and the ignition is switched off before beginning installation.
- Disconnect the vehicle's battery to prevent accidental electrical shorts.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Avoid touching the LED chips directly, as oils from your skin can reduce their lifespan.
- If you are unsure about any step of the installation process, consult a qualified automotive technician.
- These bulbs are designed for fog light applications only. Do not use them as headlights unless specified by your vehicle manufacturer.

MOBILE FITMENT GUIDE

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03 > CHECK THE TYPE OF ORIGINAL BULB



Image: Illustration indicating that SEALIGHT S2S bulbs are intended for front fog light applications on vehicles and ATVs.

4. SETUP AND INSTALLATION

The SEALIGHT S2S LED fog light bulbs feature a 1:1 design with original bulbs and a built-in power supply for a straightforward, plug-and-play installation.

4.1. Pre-Installation Check

- Verify the correct bulb type for your vehicle's fog lights (H13 and H10 are included in this combo). Refer to your vehicle's owner's manual or use an online fitment guide.
- Ensure the vehicle's electrical system is compatible with LED bulbs.

ONLY USE FOR FOG LIGHT BULBS

*Replacement Lightings For Vehicle Front
Fog Light Bulbs*

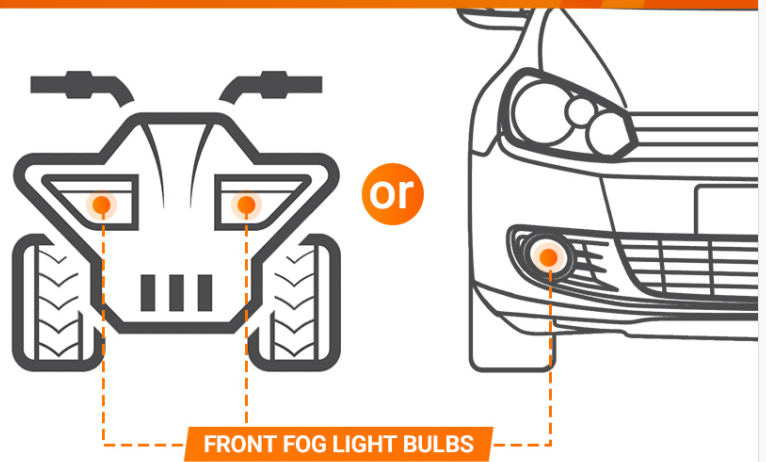


Image: A guide demonstrating how to check bulb compatibility using a mobile fitment tool and identifying original bulb types.

4.2. Installation Steps (Approx. 3 Minutes)

1. Locate your vehicle's fog light housing. Access may vary by vehicle model (e.g., from under the hood, behind the wheel well liner, or from underneath the vehicle).
2. Carefully remove the existing halogen fog light bulb by twisting it counter-clockwise and pulling it out. Disconnect the electrical connector.
3. Connect the SEALIGHT LED bulb to the vehicle's electrical connector. The bulbs feature a non-polarity design, simplifying the connection.
4. Insert the LED bulb into the fog light housing and twist clockwise to secure it in place. Ensure it is firmly seated.
5. Repeat the process for the other fog light bulb.
6. Reconnect the vehicle's battery if it was disconnected.

100% SUCCESSFUL INSTALLATION



S2S SERIES KITS VS HALOGEN



Image: A visual guide showing the simple plug-and-play installation of the LED bulb, including connecting the socket and twisting the bulb into the housing.

PK BRIGHTNESS

6500k Cool White



S2S Fog Light



Other Fog Light



Image: A side-by-side comparison of the SEALIGHT S2S LED bulb and a standard halogen bulb, demonstrating their identical 1:1 design for easy replacement.

5. OPERATING INSTRUCTIONS

Once installed, the SEALIGHT S2S LED fog light bulbs operate in conjunction with your vehicle's existing lighting

controls.

- Turn on your vehicle's fog lights using the designated switch or control.
- The bulbs will illuminate instantly, providing a bright, clear white light.
- The advanced chip design and ultra-thin copper substrate ensure a focused light pattern, minimizing glare for oncoming traffic while maximizing illumination on the road.

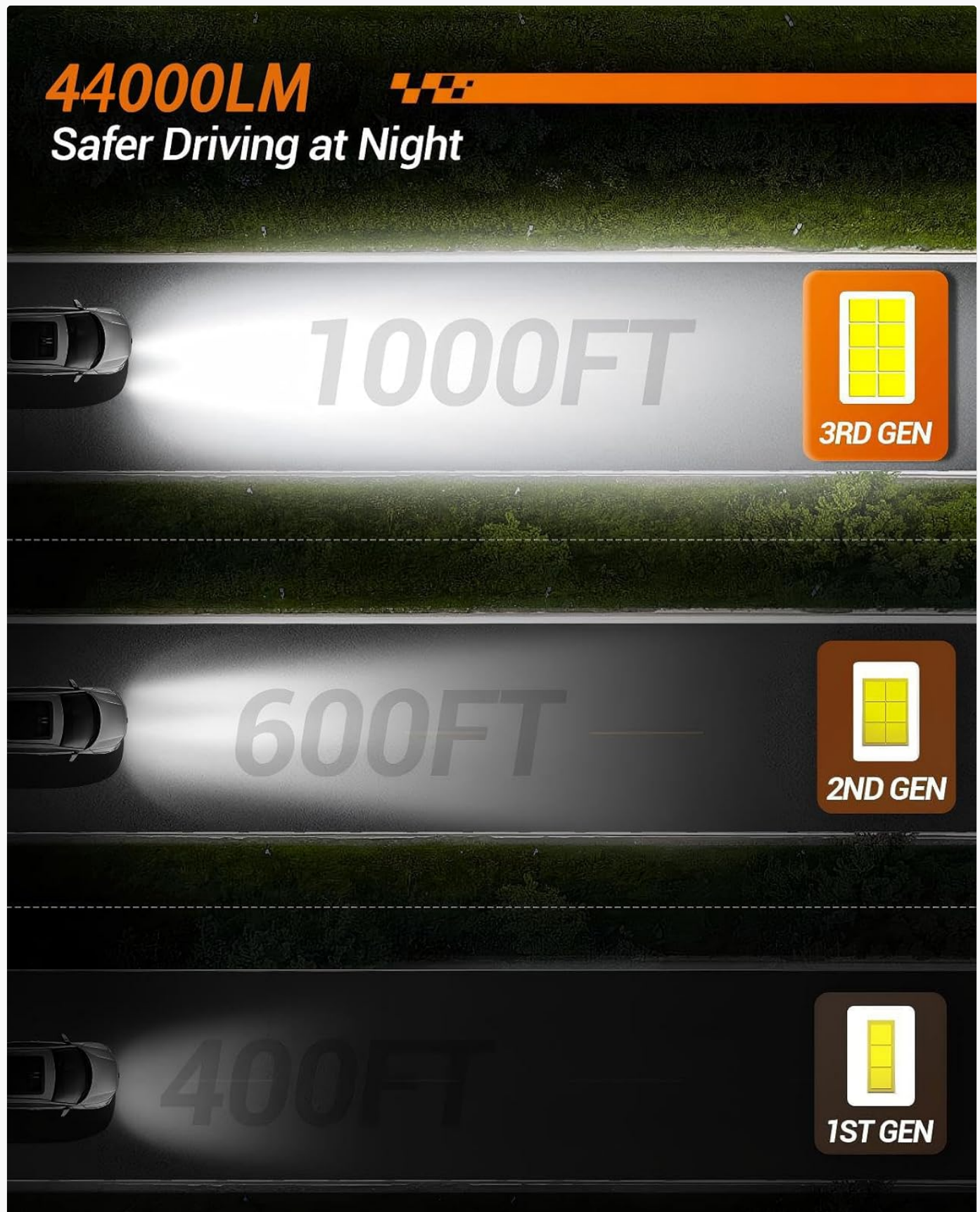


Image: A visual representation of light projection distance, illustrating the superior 1200-foot irradiation distance of the 44000LM 3rd generation SEALIGHT S2S bulbs compared to older generations.

FOCUSED BEAM PATTERN

ULTRA-THIN COPPER SUBSTRATES



Image: An illustration detailing the focused beam pattern achieved by the ultra-thin 0.05-inch copper substrate, ensuring optimal light distribution and spotlight effect.

800% BRIGHTNESS



Image: A comparison showing the significant increase in brightness (800%) and clarity provided by SEALIGHT 44000LM, 6500K cool white bulbs compared to dim, 800 lumen, 3500K lights.

6. MAINTENANCE

SEALIGHT S2S LED fog light bulbs are designed for long-term durability and require minimal maintenance.

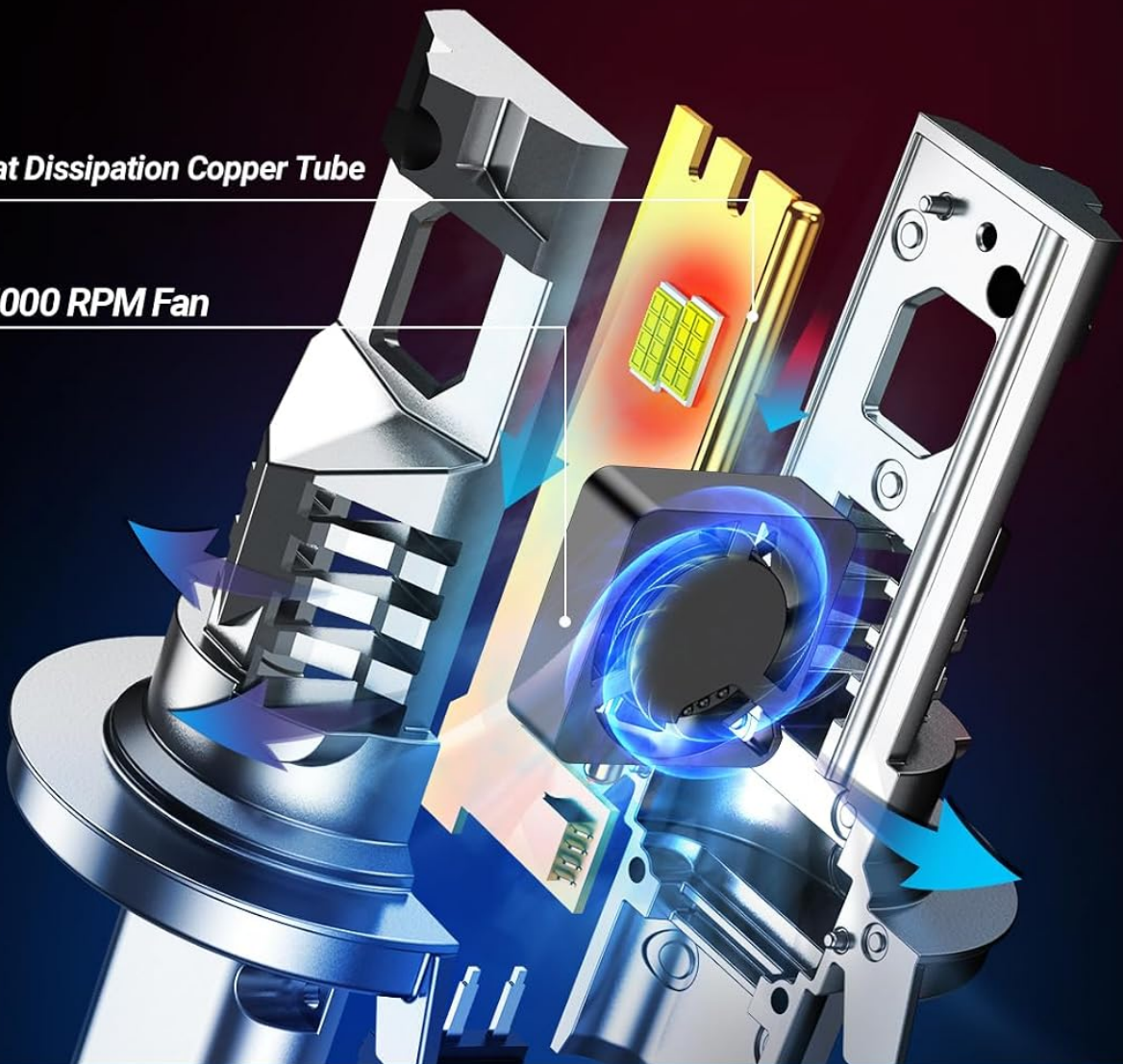
- **Cleaning:** Periodically clean the surface of the bulbs and your vehicle's fog light lenses with a soft, damp cloth to ensure maximum light output. Avoid abrasive cleaners.
- **Lifespan:** With an estimated lifespan of over 50,000 hours, these bulbs are built to last for many years under normal driving conditions.
- **Cooling System:** The aviation aluminum body, single copper tube, and 14,000 RPM turbo-cooling fan effectively manage heat, contributing to their extended lifespan.
- **Waterproof Performance:** The IP68 waterproof technology ensures reliable operation in various weather conditions, including dust, rain, fog, and snow.

50000 HOURS LIFESPAN



Heat Dissipation Copper Tube

14000 RPM Fan



Excellent temperature control

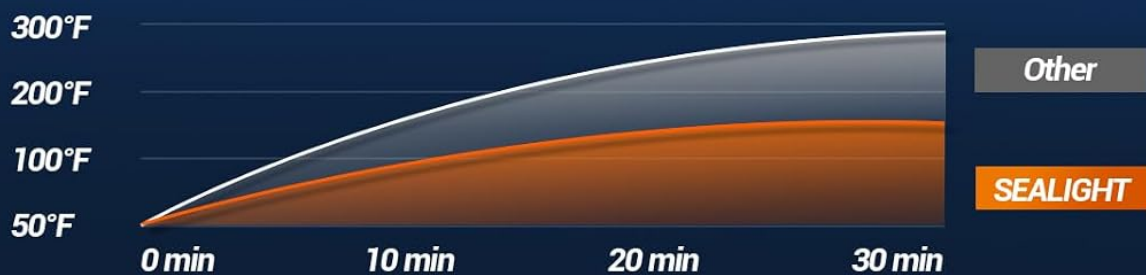


Image: An exploded view of the bulb's internal structure, highlighting the heat dissipation copper tube and 14,000 RPM cooling fan, which contribute to its 50,000+ hour lifespan and excellent temperature control.



Image: An illustration demonstrating the IP68 waterproof performance of the bulbs, showing their resilience against dusty, rainy, foggy, and snowy conditions.

7. TROUBLESHOOTING

If you encounter issues with your SEALIGHT S2S LED fog light bulbs, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulbs do not turn on.	Incorrect connection, blown fuse, vehicle compatibility issue.	Check electrical connections. Verify vehicle fuse. Ensure correct bulb type is installed. Some vehicles may require a CANbus decoder (not included) to prevent error messages or flickering.
Bulbs flicker or flash.	CANbus system incompatibility, loose connection.	Install a CANbus decoder if your vehicle's system detects the LED bulbs as faulty. Secure all connections.
Light output is dim or uneven.	Improper installation angle, dirty lens, faulty bulb.	Ensure the bulb is correctly seated and oriented in the housing. Clean the fog light lens. If problem persists, contact customer support.
Error message on dashboard.	Vehicle's computer detects lower power draw from LED bulbs.	This is a common issue with some vehicle models. A CANbus decoder is typically required to resolve this.

8. SPECIFICATIONS

Feature	Specification
Brand	SEALIGHT
Model	S2S Fog Light Bulbs (H13+H10)
Specific Uses For Product	Fog Lights
Color Temperature	White (approx. 6500K)
Lumen Output	44000LM (per pair)
Lifespan	50,000+ Hours
Cooling System	Single Copper Tube + 14,000 RPM Cooling Fan
Waterproof Rating	IP68
Design	1:1 Original Bulb Design, Plug-N-Play
Item Weight	10.2 ounces (total package)
Product Dimensions	4.49 x 5.35 x 8.98 inches (package)

9. WARRANTY AND SUPPORT

SEALIGHT products are manufactured to high-quality standards. For any warranty claims, technical support, or inquiries, please contact SEALIGHT customer service through the retailer where you purchased the product or visit the official SEALIGHT website for contact information.

Please retain your proof of purchase for warranty purposes.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question