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› Auxbeam H11 H8 H9 Fog Lights User Manual

Auxbeam QAP5

Auxbeam H11 H8 H9 Fog Lights User Manual

Model: QAP5

1. INTRODUCTION

Thank you for choosing Auxbeam H11 H8 H9 Fog Lights. These LED fog lights are designed to provide superior illumination and enhanced visibility for your vehicle. Featuring advanced CSP3570 chips, they offer 400% brighter light than standard halogen bulbs, ensuring a safer driving experience in challenging conditions such as dense fog or heavy rain. This manual provides essential information for proper installation, operation, and maintenance of your new fog lights.



Image 1.1: Auxbeam H11 H8 H9 Fog Lights, showing the two LED bulbs and product packaging.

2. SAFETY INFORMATION

- **Important:** These lights are designed **ONLY** for use as fog lights. Do not install them as headlights or for any other purpose.
- Ensure your vehicle's engine is off and the battery is disconnected before beginning installation to prevent electrical shock or damage.
- Always wear appropriate safety gear, including gloves and eye protection, during installation.
- Verify compatibility with your vehicle before installation. While designed for 99% compatibility, some specific vehicle models (e.g., certain BMW, Audi, Mercedes, Jeep, VW MK6 GTI, Chevrolet Cruze, Acura MDX, FORD FLEX, Hyundai, Toyota, Ford, and Chevrolet models) may experience issues. Consult your vehicle's manual or contact Auxbeam support if unsure.
- Keep the product out of reach of children.

3. PACKAGE CONTENTS

Upon opening your Auxbeam H11 H8 H9 Fog Lights package, you should find the following items:

- 2 x H11 H8 H9 Fog Lights
- 1 x User Manual (this document)

4. SPECIFICATIONS

Feature	Specification
Model Number	QAP5
Bulb Type	H11, H8, H9 (Fog Lights)
Brightness	10000 Lumens (per pair)
Color Temperature	6500K (Cool White)
Operating Voltage	12 Volts (DC)
Lifespan	60,000+ Hours
Waterproof Rating	IP68
Heat Dissipation	5-layer cooling system (Copper baseboards, coatings, culverts, aluminum shell, fishtail tech heat sinks)
Compatibility	99% of vehicle models (CANBUS-ready)
Installation	Plug and Play (3-minute installation)
Item Weight	3.2 ounces
Package Dimensions	3.5 x 3.27 x 2.05 inches

5. INSTALLATION GUIDE

The Auxbeam H11 H8 H9 Fog Lights are designed for a quick and straightforward plug-and-play installation, typically completed within 3 minutes. No external drivers or complex wiring modifications are required.

5.1. Before Installation

- **Identify Your Bulb Size:** It is crucial to confirm the correct bulb size for your vehicle's fog lights. You can do this by:
 - a. Checking your original fog light bulb.
 - b. Consulting your vehicle's owner's manual.
 - c. Searching online for 'automotive bulb lookup' or contacting Auxbeam support.



Image 5.1: Visual guide on how to determine the correct bulb size for your vehicle.

5.2. Installation Steps

1. **Access Fog Light Housing:** Locate your vehicle's fog light housing. Depending on your vehicle model, you may need to remove wheel well liners, bumper covers, or access from under the hood.
2. **Remove Old Bulb:** Carefully disconnect the electrical connector from the existing halogen fog light bulb. Then, twist or unclip the old bulb to remove it from the housing.
3. **Insert New LED Bulb:** Insert the Auxbeam LED fog light bulb into the housing. Ensure it is seated correctly and securely. The 1:1 halogen size design ensures a perfect fit without bulky bases.
4. **Connect Electrical Connector:** Reconnect the vehicle's electrical connector to the new Auxbeam LED bulb. Ensure a firm connection.
5. **Test Functionality:** Before reassembling any removed parts, turn on your vehicle's fog lights to ensure they function correctly.
6. **Secure Components:** Once confirmed working, reassemble any parts removed during the installation process.



Image 5.2: Illustration of the simple 3-minute plug-and-play installation process.

6. OPERATION

Once installed, your Auxbeam H11 H8 H9 Fog Lights operate like your vehicle's original fog lights. Simply activate them using your vehicle's standard fog light switch.

6.1. Enhanced Visibility Features

- **Superior Brightness:** Experience 400% brighter light output compared to standard halogen bulbs, with 10000 lumens of 6500K cool white light. This significantly improves visibility in low-light and adverse weather

conditions.

- **Wider and Farther Illumination:** The advanced design provides 150% wider and farther light distribution, enhancing your night vision by 300% and allowing for quicker reaction times.
- **Precise Beam Pattern:** Engineered to mimic the factory beam pattern, these fog lights ensure uniform light distribution without dark spots, shadows, or blinding oncoming traffic.



Image 6.1: Visual comparison demonstrating the increased brightness and wider coverage of Auxbeam LED fog lights.



Image 6.2: Side-by-side comparison of Auxbeam LED fog light and a traditional halogen bulb, emphasizing the identical size for easy replacement and advanced features.

7. MAINTENANCE

Auxbeam H11 H8 H9 Fog Lights are designed for durability and minimal maintenance, featuring a long lifespan and robust construction.

- **Long Lifespan:** With an estimated operating life of over 60,000 hours, these LED fog lights are built to last, significantly outperforming traditional halogen bulbs.
- **Advanced Cooling System:** The integrated 5-layer cooling system, including dual-layer pure copper baseboards, thermally conductive coatings, double large culverts, an all-in-one 6063 aviation aluminum shell, and fishtail tech heat sinks, ensures efficient heat dissipation and extends the bulb's life.
- **Fanless Design:** The fanless design eliminates potential fan failures and reduces noise, contributing to a more stable and energy-efficient operation.
- **IP68 Waterproof Performance:** The sealed design provides IP68 waterproof and dustproof protection, preventing ingress of dust and water mist, which is crucial for reliable performance in various weather conditions.

**60,000 HOURS
LIFESPAN**



**Latest Cooling
Coatings**



**Pure Copper
Baseboard**



**Fishtail Tech
Heat Sink**



**All Aluminum
Body**



Heat Dissipation Increased by 60%

Image 7.1: Detailed view of the 5-layer cooling system components, contributing to the extended lifespan of the fog lights.

PENETRATING LIGHT



Image 7.2: Exploded view of the fog light's heat control system, highlighting key components for efficient thermal management.

IP68 WATERPROOF PERFORMANCE

DRIVE SAFER IN ADVERSE WEATHER CONDITIONS

❄️ -77°F



☀️ +185°F



RAIN



FOG



SNOW



DUST



Image 7.3: Visual representation of the IP68 waterproof rating, showing the lights performing reliably in extreme weather.

8. TROUBLESHOOTING

While Auxbeam fog lights are designed for high compatibility and reliability, here are some common issues and their solutions:

- **Flickering, Error Codes, or Dashboard Warnings:** These lights feature built-in linear decoding chips and an intelligent IC driver, making them 99% CANBUS-ready. This typically prevents error codes, dashboard

warnings, flickering, or radio interference. If you experience these issues, double-check the connection.

- **Lights Not Turning On:**

- a. Ensure all electrical connections are secure and properly seated.
- b. Verify that the bulb type is correct for your vehicle's fog light housing.
- c. Check your vehicle's fuse box for any blown fuses related to the fog lights.

- **Compatibility Issues:** As noted in the safety section, certain vehicle models may not be fully compatible. If you encounter persistent issues after verifying installation, it may be a compatibility concern.

If you continue to experience any issues after following these troubleshooting steps, please contact Auxbeam customer support for assistance.

LATEST BUILT-IN DRIVER CANBUS-READY



Image 8.1: Illustration of the integrated CANBUS-ready driver, ensuring compatibility and preventing common electrical issues.

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Auxbeam H11 H8 H9 Fog Lights, please refer to the product packaging or contact your retailer. Auxbeam is committed to customer satisfaction. If you have any questions, concerns, or require technical assistance, please reach out to Auxbeam customer support. They are available to provide free help until any issue is resolved.

- **Contact Support:** Refer to the contact information provided on the Auxbeam official website or your purchase documentation.

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