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› LUXSTER HolyKnight H4 9003 LED Light Bulbs Instruction Manual

LUXSTER HolyKnight H4/9003/HB2

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Model: H4/9003/HB2

INTRODUCTION

Thank you for choosing LUXSTER HolyKnight H4 9003 LED Light Bulbs. These high-performance LED bulbs are designed to provide superior illumination and enhanced driving visibility. Featuring advanced TalonLED chips and efficient heat dissipation technology, HolyKnight bulbs offer exceptional brightness, long lifespan, and reliable operation. This manual provides essential information for the proper installation, operation, and maintenance of your new LED light bulbs.



Image: LUXSTER HolyKnight H4 9003 LED Light Bulbs, showing two bulbs and their red and black packaging.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before attempting any electrical work to prevent electrical shock.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Ensure the vehicle's engine is off and cooled down before handling light bulbs, as they can be hot.
- Do not touch the LED chips directly, as oils from your skin can reduce their lifespan.
- Verify that the bulb type (H4/9003/HB2) matches your vehicle's requirements before installation.
- Dispose of old bulbs responsibly according to local regulations.

SETUP AND INSTALLATION

The LUXSTER HolyKnight LED bulbs are designed for straightforward installation. Follow these steps for optimal performance:

1. **Preparation:** Ensure your vehicle is turned off and the engine has cooled. Open the hood and locate the headlight assembly.
2. **Access Old Bulb:** Depending on your vehicle model, you may need to remove covers or other components to access the existing halogen bulb.
3. **Remove Old Bulb:** Disconnect the electrical connector from the old bulb. Unclip or twist to remove the old bulb from its housing.
4. **Install LED Bulb:** Insert the LUXSTER HolyKnight LED bulb into the headlight housing. Ensure it is seated correctly and secured with the retaining clip or twist mechanism.
5. **Connect Electrical:** Connect the electrical connector of the LED bulb to your vehicle's wiring harness. Ensure the polarity is correct; if the bulb does not light up, disconnect and re-connect with reversed polarity.
6. **Test Functionality:** Turn on your vehicle's lights to verify that both LED bulbs are functioning correctly. Check for proper beam pattern and brightness.
7. **Adjust Beam (if necessary):** Some vehicles may require minor beam adjustment after LED bulb installation to ensure optimal light distribution and prevent glare for oncoming traffic. Refer to your vehicle's service manual for adjustment procedures.

5 Minutes Installation

Save Time And Effort



Easy
Installation



Image: A diagram illustrating the simple 5-minute installation process for the HolyKnight LED bulbs, showing the bulb being inserted and connected.

OPERATING INSTRUCTIONS

The LUXSTER HolyKnight LED bulbs are designed to operate seamlessly with your vehicle's existing headlight system. Once installed, they will function as your standard high and low beam headlights, providing significantly improved illumination.

- **Brightness:** These bulbs deliver an industry-leading 30,000 lumens of brightness, ensuring a clear and expansive view of the road ahead.
- **Visibility:** Experience up to 200% extra driving visibility compared to traditional halogen bulbs, with a professional, sharp light cut-off design that optimizes forward and side illumination.
- **Projection Distance:** The HolyKnight bulbs offer an impressive projection distance of up to 1200 feet, allowing for earlier detection of road hazards and improved reaction time.
- **Halogen Equivalent Power:** Designed to match the original 55W power of halogen bulbs, these LEDs ensure maximum compatibility with vehicle computer systems, preventing dashboard warning issues.

Light **be with you**

Luxster HolyKnight
lights your way home.



30,000lm
brightness



1,200feet
long-distance projection



100,000H
lifespan



+200%
driving visibility

Image: A red truck driving at night with bright LUXSTER HolyKnight headlights, highlighting 30,000lm brightness, 1,200ft long-distance projection, 100,000H lifespan, and +200% driving visibility.



Image: A visual comparison demonstrating the superior light pattern and reduced dark spots of LUXSTER LED bulbs compared to standard halogen bulbs.

MAINTENANCE

LUXSTER HolyKnight LED bulbs are designed for minimal maintenance and a long operational life. Proper care will ensure their continued performance:

- **Cleaning:** Periodically clean the headlight lenses of your vehicle to ensure maximum light output. Use a soft cloth and appropriate automotive cleaning solutions.
- **Heat Dissipation:** The bulbs are equipped with a unique 3mm diameter copper tube and a 12,000 RPM ultra-high-speed silent turbo fan for efficient heat dissipation. Ensure that the area around the bulb's fan and heatsink is clear of obstructions to allow for proper airflow.
- **Longevity:** With an operating life of up to 100,000 hours and a guarantee of no light decay for 10 years, these bulbs require no regular replacement like traditional halogen bulbs.
- **Inspection:** Occasionally inspect the wiring and connections for any signs of wear or damage.

Unique in the industry:

**3mm
diameter copper tube**

Efficient heat dissipation,
precise temperature control,
prevents bulb burnout due to overheating.

**12,000 RPM
ultra-high-speed
silent turbo fan**

**Quiet operation,
efficient heat dissipation**

Image: An exploded view diagram showcasing the internal components of the HolyKnight LED bulb, highlighting the 3mm diameter copper tube for efficient heat dissipation and the 12,000 RPM ultra-high-speed silent turbo fan for quiet and effective cooling.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bulb does not light up.	Incorrect polarity of electrical connection.	Disconnect the electrical connector, reverse its orientation, and reconnect. Test again.
Dashboard error message or flickering.	Vehicle's CANBUS system detecting incorrect wattage or bulb type.	LUXSTER HolyKnight bulbs are designed to match 55W halogen power to prevent most CANBUS issues. If issues persist, a separate CANBUS decoder may be required for some sensitive vehicle models. Ensure the vehicle and lights are fully off before turning them back on after installation.
Light output seems dim or uneven.	Bulb not seated correctly in housing; headlight lens is dirty.	Re-seat the bulb firmly in the housing. Clean the vehicle's headlight lenses. Ensure the LED emitters are oriented correctly (e.g., 3 and 9 o'clock positions if adjustable).
Excessive glare for oncoming traffic.	Headlight beam aim is too high.	Adjust the vertical aim of your vehicle's headlights. Consult your vehicle's manual or a professional for proper adjustment.

SPECIFICATIONS

Feature	Detail
Model	HolyKnight
Bulb Type	H4/9003/HB2
Brightness	30,000 Lumens (per pair)
Power Output	55W (Halogen Equivalent)
Color Temperature	6000K Cool White
Light Source	TalonLED Chips
Heat Dissipation	3mm Diameter Copper Tube, 12,000 RPM Turbo Fan
Lifespan	100,000 Hours
Projection Distance	Up to 1200 feet
Visibility Improvement	+200% compared to halogen
Item Weight	0.014 ounces
Package Dimensions	7.95 x 5.59 x 2.44 inches

Feature	Detail
UPC	767461340785

WARRANTY AND SUPPORT

LUXSTER is committed to providing high-quality products and customer satisfaction. For any questions, technical assistance, or warranty inquiries regarding your HolyKnight LED light bulbs, please contact LUXSTER customer support through the retailer where the product was purchased or visit the official LUXSTER website for contact information. The product is designed for a 10-year no light decay period, indicating long-term reliability under normal operating conditions.