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Cougar Motor 9007

Cougar Motor 9007 LED Fog Light Bulbs Instruction Manual

Brand: Cougar Motor | Model: 9007

1. Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Cougar Motor 9007 LED Fog Light Bulbs. These bulbs are designed to offer enhanced visibility and durability for your vehicle's lighting system.

2. Product Features

- **Advanced Performance:** Features dual drivers and double decoding for 0.1-second instant start, preventing flicker and errors. Compatible with 99.9% of vehicle computer systems.
- **Enhanced Visibility:** 6500K white light provides a further, wider, and more focused beam, significantly brighter than standard bulbs. Improves visibility in adverse weather conditions like snow, fog, or rain.
- **Optimized Beam Pattern:** Equipped with a 360-degree adjustable retention ring for precise beam pattern adjustment, ensuring a clear cut-off line without glare for oncoming drivers.
- **Extended Lifespan:** Designed for over 70,000 hours of continuous operation, featuring a copper substrate, liquid-cooled copper tube, 6063 aluminum housing, 16,000 RPM turbo mute cooling fan, and a hollow radiator for 150% improved heat dissipation. IP68 waterproof rating ensures durability.
- **Easy Installation:** 1:1 connector and OEM bulb proportion for a quick 10-minute plug-n-play installation. Ultra-thin fan base measures only 0.93 inches.

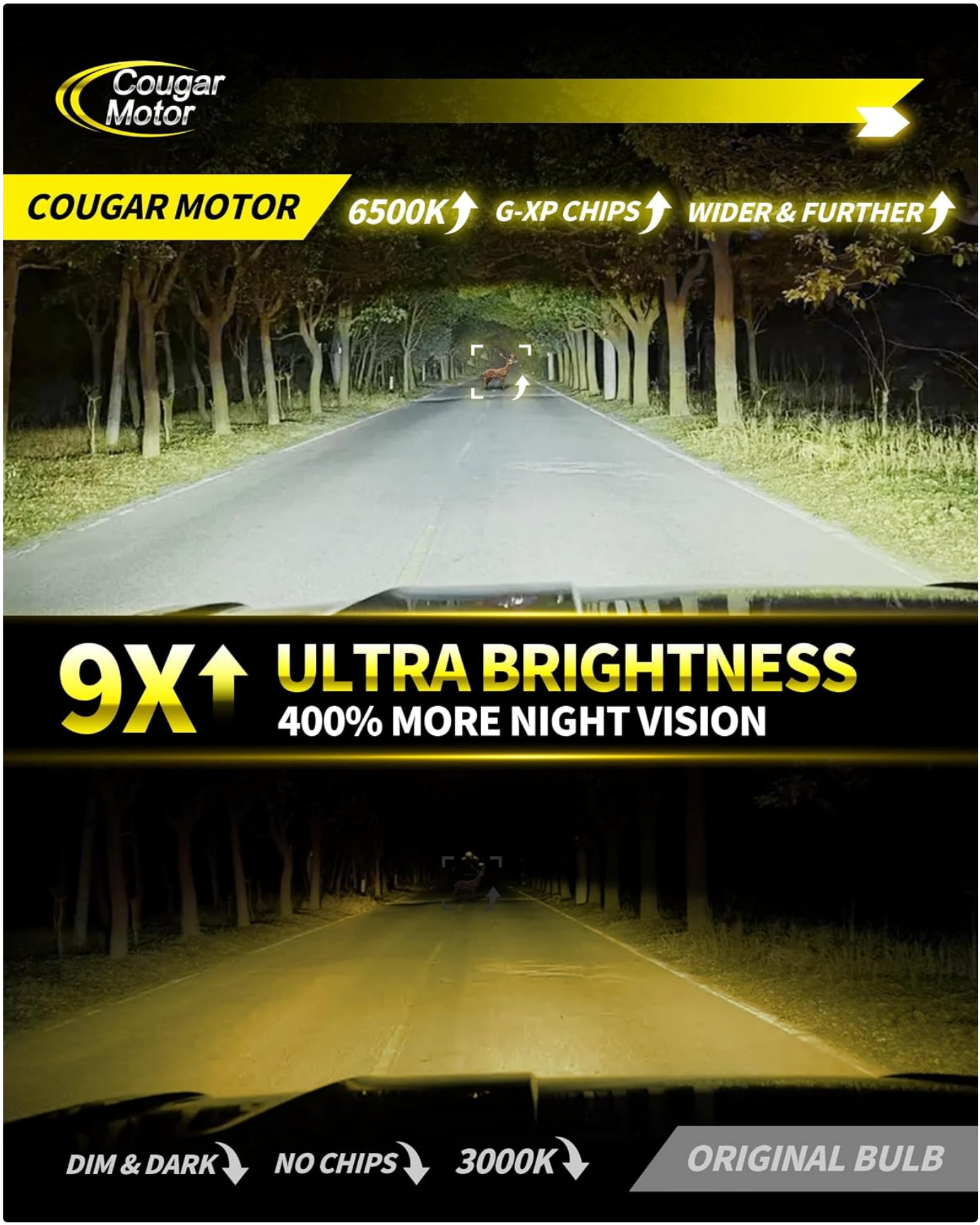


Image: Comparison of Cougar Motor 9007 LED light output (top) versus a standard halogen bulb (bottom), demonstrating significantly increased brightness and wider illumination.



Image: Diagram illustrating the Cougar Motor LED bulb's G-XP chips, dual decoding, and 6-layer cooling system, highlighting its advanced design compared to conventional bulbs.



Image: The Cougar Motor LED bulb features 360-degree illumination and a toolless adjustable retention ring for precise beam alignment, ensuring no glare or dark spots.

3. Installation Guide

Follow these steps for a quick and easy installation of your Cougar Motor 9007 LED Fog Light Bulbs.

1. **Disconnect Power:** Ensure your vehicle's ignition is off and the battery is disconnected before starting installation.
2. **Remove Original Bulb:** Locate the existing 9007 fog light bulb. Disconnect the electrical plug and then carefully remove the original halogen bulb by rotating it counter-clockwise or releasing its retaining clip.
3. **Prepare LED Bulb:** If the LED bulb has a removable collar, ensure it is correctly oriented. For 9007 bulbs, the chips should face the 3 o'clock and 9 o'clock directions for optimal beam pattern.
4. **Insert LED Bulb:** Insert the new Cougar Motor 9007 LED bulb into the headlight housing. Secure it by rotating clockwise or re-engaging the retaining clip until it is firmly in place.
5. **Connect Electrical Plug:** Connect the vehicle's electrical plug to the LED bulb's connector. Ensure the positive and negative poles are correctly aligned. If the bulb does not light up, reverse the plug direction.
6. **Test Lights:** Reconnect the battery and test the fog lights to ensure they function correctly. Adjust the beam pattern if necessary using the 360-degree adjustable retention ring.



Image: Visual guide for installing the Cougar Motor 9007 LED bulbs, showing removal of the old bulb, insertion of the new LED bulb, and connecting the socket.

Installation Video

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Video: A detailed guide on how to install 9007 bulbs, demonstrating the process step-by-step.

Product Overview Video

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Video: An overview of the Cougar Motor Newly Upgraded Fog Light, showcasing its features and performance.

4. Operating Instructions

Once installed, your Cougar Motor 9007 LED Fog Light Bulbs operate like your vehicle's standard fog lights. Activate them using your vehicle's existing fog light switch. The advanced design ensures immediate full brightness and a clear, focused beam for improved road visibility.

Visibility Demonstration

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Video: A short demonstration of the fog lights operating in dark conditions, highlighting their brightness and effectiveness.

5. Maintenance

The Cougar Motor 9007 LED Fog Light Bulbs are designed for long-term, maintenance-free operation. The integrated cooling system and durable construction minimize the need for regular upkeep.

- **Cleaning:** Periodically clean the exterior of your vehicle's fog light lenses to ensure maximum light output. Use a soft cloth and mild cleaning solution.
- **Inspection:** Occasionally inspect the wiring and connections for any signs of wear or damage.
- **Longevity:** With a lifespan exceeding 70,000 hours, frequent bulb replacement is not anticipated.

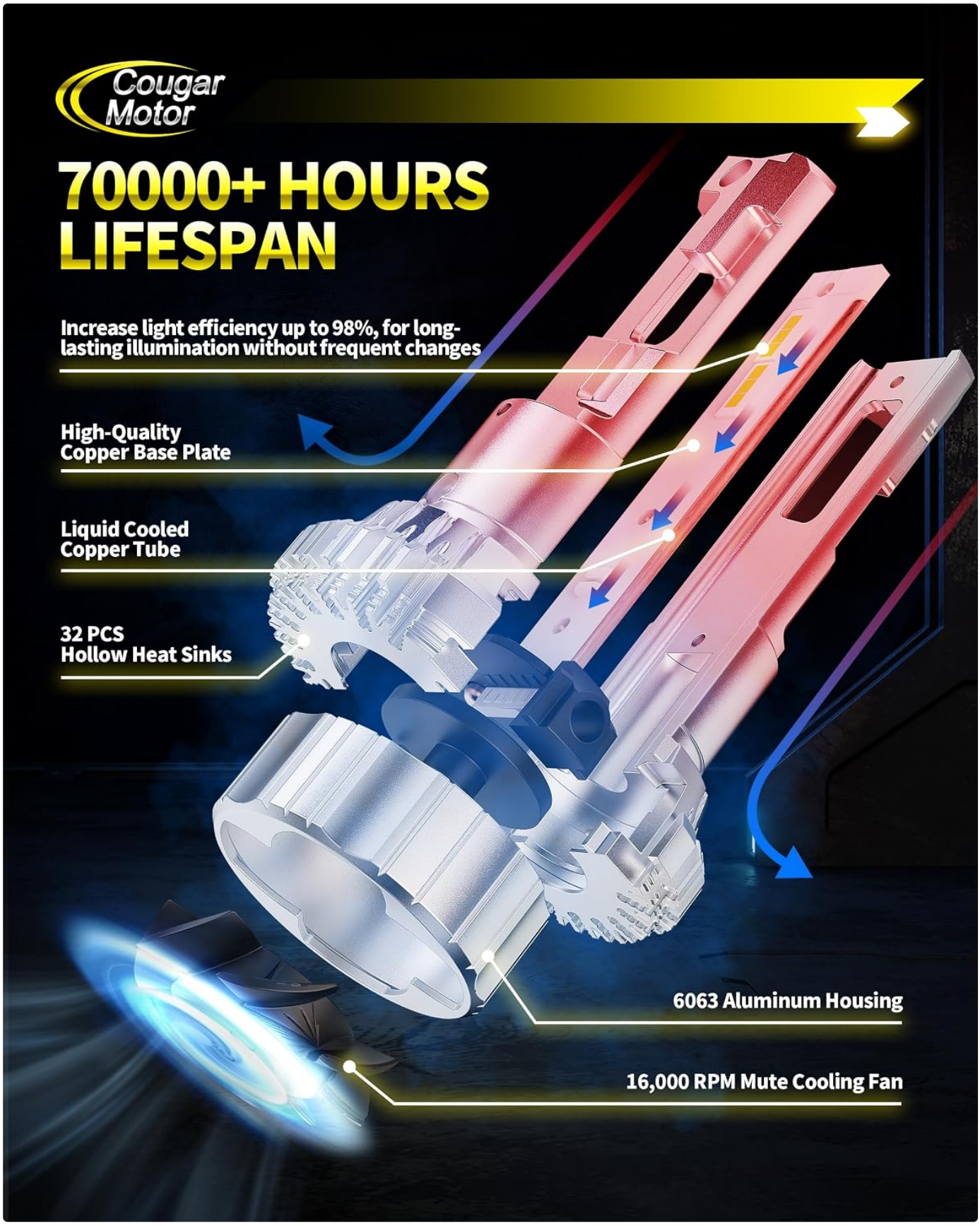


Image: Detailed view of the Cougar Motor LED bulb's internal structure, showcasing the high-quality copper base plate, liquid-cooled copper tube, hollow heat sinks, aluminum housing, and mute cooling fan, all contributing to its long lifespan.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Bulb does not light up	Incorrect polarity of the electrical plug.	If the bulb is not bright after installation, switch the direction of the polarized plug and reinstall it.
Flickering or Error Message	Vehicle's CANBUS system detecting a non-standard bulb.	The bulbs are CANBUS-ready for 99.9% of vehicles. If issues persist, an additional CANBUS decoder may be required for some sensitive vehicle models.
Poor Beam Pattern / Glare	Incorrect orientation of the LED chips.	Adjust the 360-degree retention ring to ensure the LED chips face the 3 o'clock and 9 o'clock positions for a focused beam.

7. Specifications

Feature	Detail
Bulb Type	9007 (HB5)
Color Temperature	6500K Xenon White
Decoding	Dual Drivers, Double Decoding, CANBUS-Ready (99.9% compatibility)
Start-up Time	0.1 seconds (Instant Start)
Lifespan	70,000+ hours
Cooling System	Copper Substrate, Liquid Cooled Copper Tube, 6063 Aluminum Housing, 16,000 RPM Turbo Mute Cooling Fan, Hollow Radiator
Waterproof Rating	IP68
Installation	Plug-N-Play, 1:1 OEM Bulb Proportion, Ultra-thin Fan Base (0.93in)
Adjustability	360-Degree Adjustable Retention Ring
Item Weight	14 ounces
Product Dimensions	7.28 x 5.91 x 2.28 inches



Image: Illustration of Cougar Motor's 99.99% vehicle compatibility, highlighting features like 2x Smart Decoding, Intelligent Temperature Control, and no flickering/error/radio interference.



Image: The Cougar Motor LED bulb ensures safer driving vision in all weather conditions (rainy, foggy, snowy, dusty) and boasts an IP68 waterproof rating.

8. Warranty and Support

Cougar Motor products are designed for reliability and performance. For specific warranty details and customer support,

please refer to the product packaging or contact Cougar Motor directly.
Typically, products like these come with a 1-year warranty. For any technical assistance or inquiries, please reach out to the manufacturer's customer service.

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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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Details

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

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