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> Katana Upgraded 9005 Bulbs Instruction Manual

Katana 9005/HB3

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Model: 9005/HB3

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Katana Upgraded 9005/HB3 LED Headlight Bulbs. Designed for enhanced visibility and durability, these bulbs offer superior illumination for a safer driving experience. Please read this manual thoroughly before installation and use.

PRODUCT OVERVIEW

The Katana 9005/HB3 LED headlight bulbs are engineered to provide 18,000 LM per pair, offering 400% brighter light than standard halogen lamps. Featuring a 360° full illumination design, they eliminate shadows and dark spots, ensuring clear visibility. The bulbs incorporate an upgraded EMC anti-interference chip for stable performance and are built with a 6063 aviation special aluminum body and CNC process for optimal heat dissipation.



Figure 1: Katana Upgraded 9005 Bulbs and Packaging.

SETUP AND INSTALLATION

The Katana 9005/HB3 bulbs are designed for quick and easy installation, featuring a 1:1 mini size design identical to original fog light bulbs and a perfect luminous position. No external wires or additional drivers are required.

1. **Preparation:** Ensure your vehicle's engine is off and the lights are cool before beginning installation.
2. **Access Bulb Housing:** Locate the headlight bulb housing in your vehicle. This may require removing certain components depending on your vehicle model.
3. **Remove Old Bulb:** Carefully disconnect the wiring harness from the existing bulb and remove the old bulb from its socket.
4. **Install New Bulb:** Insert the Katana 9005/HB3 LED bulb into the socket, ensuring it is seated correctly. The 1:1 mini size design allows for a perfect fit.
5. **Connect Wiring:** Reconnect the wiring harness to the new LED bulb.
6. **Test Functionality:** Turn on your vehicle's lights to verify proper operation of the new LED bulbs.

Installation typically takes less than 10 minutes per bulb. For some vehicles, a decoder may be needed to prevent errors or flickering. If you encounter such issues, please contact customer support.

KATANA

1.66 inch

1.53 inch

2.73 inch

**ALL-PURPOSE
SMALL & SMART**

Highlight lamp beads + instant plug-in + wireless design, allows the lamp body being built in a smaller size to match a wider range of models, meanwhile brings you a high bright product experience.

The size of product comes without wire

The size of product comes with wire

Figure 2: Compact Design for Easy Installation.

OPERATING INSTRUCTIONS

Once installed, the Katana 9005/HB3 LED bulbs operate like your vehicle's standard headlights, providing enhanced illumination. These bulbs are designed for OFF-Road Use.

- **Enhanced Brightness:** Experience 400% brighter light output compared to original lamps, significantly improving night visibility.
- **Perfect Beam Pattern:** The bulbs simulate the light distribution principle of original lamps, creating a uniform 360-degree beam. This design ensures no dark spots or foggy light, and prevents blinding oncoming traffic.
- **Instant Illumination:** Benefit from instant plug-in functionality, providing immediate full brightness upon activation.



Figure 3: Optimized Beam Pattern for Clear Visibility.

MAINTENANCE

The Katana 9005/HB3 LED bulbs are designed for long-term durability and minimal maintenance, thanks to their advanced cooling system.

- **Heat Dissipation:** The bulb body is constructed from 6063 aviation special aluminum using a CNC process, which greatly enhances heat dissipation efficiency.
- **Cooling Fan:** An ultra-high-speed fan, operating at up to 13,000 RPM, ensures stable and durable performance by actively managing heat.
- **Cleaning:** Periodically inspect the bulb surface and headlight assembly for dirt or debris. Clean with a soft, dry cloth if necessary. Avoid using abrasive cleaners.



Figure 4: Advanced Cooling System for Longevity.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Katana LED headlight bulbs.

Problem	Possible Cause	Solution
Flickering or Error Message	Sensitive car system; CANBUS incompatibility.	The bulb uses intelligent decoding technology, but some sensitive vehicles may require an additional decoder/resistor. Contact customer support for assistance.
Radio Interference	Electromagnetic interference from the bulb.	Similar to flickering issues, a decoder/resistor can help mitigate radio interference. Contact customer support.

Problem	Possible Cause	Solution
Dust Cover Cannot Be Reinstalled	Bulb design with fan and driver for heat dissipation may increase size.	A suitable replacement dust cover may be needed. Contact customer support for options.
Bulb Not Functioning / Low Light Output	Improper installation, faulty connection, or rare product defect.	Ensure the bulb is correctly seated and the wiring harness is securely connected. If issues persist, contact customer support for troubleshooting or replacement.

SPECIFICATIONS

Feature	Detail
Brand	Katana
Model	9005/HB3
Brightness	18000 Lumen (per pair)
Color Temperature	6500K Xenon White
Voltage	12 Volts
Heat Dissipation	6063 Aviation Special Aluminum + CNC Process, High-Speed Fan (13,000 RPM)
Installation	1:1 Mini Size, Direct Plug & Play
Special Features	Upgraded EMC Anti-interference Chip, Non-Polarity, 400% Brighter, Perfect Beam Pattern, Intelligent Decode
Item Weight	4.2 ounces
Package Dimensions	4.61 x 4.49 x 2.13 inches

WARRANTY AND SUPPORT

Katana is committed to providing high-quality products and excellent customer service. While specific warranty details are not provided in this manual, we stand behind our products.

If you encounter any issues with your Katana 9005/HB3 LED headlight bulbs, or have questions regarding installation or performance, please do not hesitate to contact our customer support team. You can typically reach us by clicking "Ask Product Question" next to your Amazon order. We are always at your service to find a solution for you.