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› ESUPPORT 9006/HB4 100W 6000K Halogen Headlight Bulb User Manual

## ESUPPORT 9006/HB4 100W

# ESUPPORT 9006/HB4 100W 6000K Halogen Headlight Bulb User Manual

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of your ESUPPORT 9006/HB4 100W 6000K Halogen Headlight Bulbs. These bulbs are designed to deliver bright, white illumination for automotive headlight applications, operating at 12V DC with an output power of 100W and a color temperature of 6000K.



*Image 1.1: ESUPPORT 9006/HB4 100W 6000K Halogen Headlight Bulbs.*

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in personal injury or damage to your vehicle.

- **Disconnect Power:** Always ensure the vehicle's ignition is off and the battery is disconnected before attempting any electrical work.
- **Avoid Touching Glass:** Do not touch the glass portion of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature bulb failure. Use clean gloves or a cloth during handling.
- **Wear Protective Gear:** Wear appropriate eye protection and gloves during installation.
- **Correct Wattage:** Ensure the replacement bulbs match the vehicle's specified wattage to prevent damage to the wiring or lighting system. These bulbs are 100W.
- **Professional Installation:** If you are unsure about the installation process, seek assistance from a qualified automotive technician.
- **Disposal:** Dispose of old bulbs according to local regulations.

### 3. INSTALLATION GUIDE

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Follow these steps for proper installation of your ESUPPORT headlight bulbs. Refer to your vehicle's owner's manual for specific headlight assembly access instructions.

1. **Turn off Vehicle Power:** Ensure the vehicle is turned off and the headlights are cool. It is recommended to wait at least 30 minutes after turning off the vehicle.
2. **Open Engine Cover:** Open the vehicle's hood or access panel to reach the headlight assembly.
3. **Remove Power Socket:** Carefully disconnect the electrical connector from the back of the existing headlight bulb.
4. **Remove Circlip/Retaining Spring:** Unclip or remove the retaining spring or circlip that holds the bulb in place.
5. **Remove Original Bulb:** Gently pull out the old headlight bulb from its housing.
6. **Insert New Bulb:** Holding the new ESUPPORT bulb by its base (wearing gloves), carefully insert it into the headlight housing, ensuring it is seated correctly.
7. **Secure Bulb:** Re-attach the circlip or retaining spring to secure the new bulb.
8. **Connect Power:** Reconnect the electrical power socket to the new bulb.
9. **Test Functionality:** Turn on your vehicle's headlights to ensure the new bulbs are functioning correctly before closing the engine cover.

# Easy to Install



1. Turn off more than 30 minutes



2. Open engine cover



3. Remove the power socket



4. Remove circlip



5. Remove the original bulb



6. Insert the new bulb and fix it

*Image 3.1: Visual guide for headlight bulb installation.*

## 4. OPERATION

Once properly installed, the ESUPPORT 9006/HB4 100W 6000K Halogen Headlight Bulbs will operate as part of your vehicle's standard lighting system. Activate your vehicle's headlight switch to turn them on. The 6000K color temperature provides a bright, white light output, enhancing visibility during nighttime driving conditions.

# Actual Effect Show

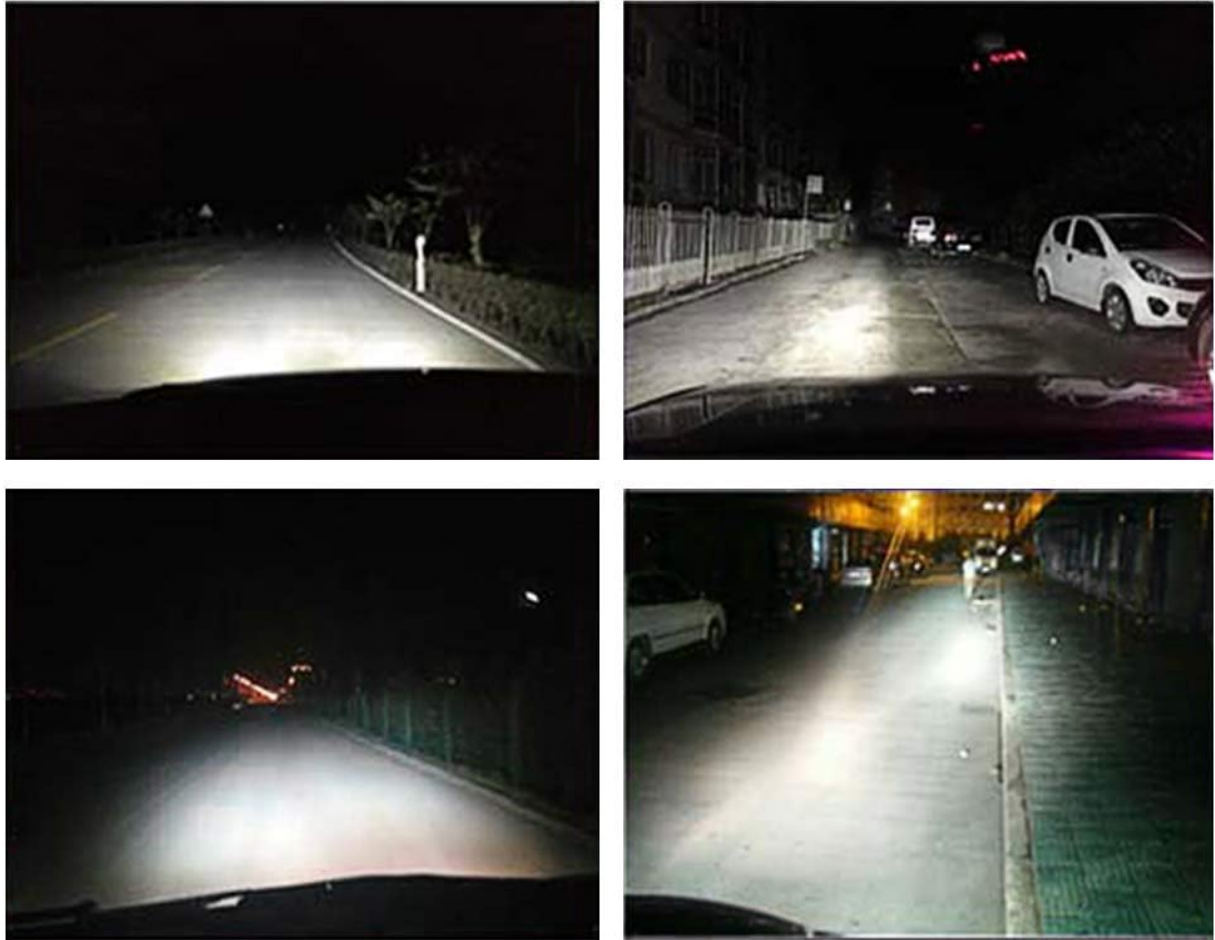


Image 4.1: Examples of headlight illumination effect.

## 5. MAINTENANCE

ESUPPORT halogen headlight bulbs are designed for durability and generally require minimal maintenance. To ensure optimal performance and longevity:

- **Cleanliness:** Keep the headlight lenses clean to maximize light output.
- **Avoid Contamination:** As mentioned in safety, avoid touching the glass bulb with bare hands. If the bulb glass is accidentally touched, clean it with an alcohol wipe before installation to remove any oil residue.
- **Replace in Pairs:** For consistent light output and color, it is recommended to replace both headlight bulbs at the same time, even if only one has failed.

## 6. TROUBLESHOOTING

If you encounter issues with your ESUPPORT headlight bulbs, consider the following common troubleshooting steps:

- **Bulb Not Lighting:**

- Check the electrical connection to ensure it is securely attached to the bulb.
  - Verify that the bulb is correctly seated in its housing and the retaining clip is engaged.
  - Inspect the vehicle's fuse box for a blown headlight fuse.
  - Ensure the vehicle's battery has sufficient charge.
- **Dim or Flickering Light:**
    - Check for loose or corroded electrical connections.
    - Ensure the vehicle's charging system is functioning correctly, providing stable voltage.
    - Confirm the bulb's wattage matches the vehicle's requirements.
- **Incorrect Light Pattern:**
    - Ensure the bulb is correctly oriented and fully seated in the headlight assembly. Improper seating can cause a misaligned beam pattern.

If these steps do not resolve the issue, it may indicate a more complex electrical problem with your vehicle, and professional assistance is recommended.

## 7. SPECIFICATIONS

Detailed technical specifications for the ESUPPORT 9006/HB4 100W 6000K Halogen Headlight Bulbs:

Feature	Specification
Bulb Type	9006/HB4
Working Voltage	12V DC
Output Power	100W
Light Color	White
Color Temperature	6000K
Item Package Quantity	2 Bulbs
Item Weight	1.58 ounces (approx. 45g)
Package Dimensions	7.5 x 3 x 1.5 inches (approx. 19 x 7.6 x 3.8 cm)
Manufacturer Part Number	CXGH9006A
UPC	718520872525



Image 7.1: Bulb base with specifications.



*Image 7.2: Bulb dimensions diagram.*

## **8. WARRANTY INFORMATION**

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Warranty information for this product is not explicitly provided in the available documentation. Please refer to the retailer's return policy or contact ESUPPORT customer service for details regarding product warranty.

## **9. CUSTOMER SUPPORT**

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For technical assistance, product inquiries, or warranty claims, please contact ESUPPORT customer service through the retailer's platform or their official website. When contacting support, please have your product model number (9006/HB4 100W) and any relevant purchase information available.