

[Manuals.plus](#) /

› [NEWBROWN](#) /

› NEWBROWN 9005/HB3 Halogen Headlight Bulbs User Manual

NEWBROWN 9005-BLUE-01

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Model: 9005-BLUE-01

PRODUCT OVERVIEW

The NEWBROWN 9005/HB3 Halogen Headlight Bulbs are designed to provide superior illumination for automotive applications. These bulbs offer a super white light with a color temperature of up to 5000K and a brightness of over 1650 lumens, enhancing visibility in various driving conditions. Constructed with anti-UV quartz glass and a heavy-duty base, they are built for durability and a long operational life.



Image: Two NEWBROWN 9005/HB3 Halogen Headlight Bulbs, showing their design and connector base.



Image: Detailed diagram highlighting key features of the bulb, including high-pressure halogen gas for longer life, anti-UV quartz glass to prevent yellowing, heavy-duty base for heat dissipation, and an OEM lamp holder for plug-and-play installation.

SPECIFICATIONS

Model	9005/HB3
Voltage	12V
Wattage	60W
Brightness	1650 Lumens
Color Temperature	5000K (Super White Light)
Operating Life	Approx. 1000 hours
Material	Anti-UV Quartz Glass, Heavy Duty Base

Dimensions	4.33 x 1.5 x 5.9 inches
Weight	1.76 ounces
Certifications	DOT Compliant, CE Certified, ISO9001 Manufacturer

Product Description



HB3/9005



Voltage 12V

Watt 60W

Brightness 1650LM

Color temperature 5000K

Life span 1000H

Service life 15 Months

Image: Visual representation of key specifications including voltage, wattage, brightness, color temperature, lifespan, and service life.

INSTALLATION GUIDE

- Before beginning installation, ensure your vehicle's engine is off and the headlights are cool to the touch. It is recommended to wear gloves during installation to avoid touching the bulb glass with bare hands, as oils from skin can reduce bulb lifespan.
- Identify Bulb Type:** Confirm that your vehicle uses 9005/HB3 bulbs. Refer to your vehicle's owner's manual or check the existing bulb.

2. **Access Headlight Assembly:** Depending on your vehicle model, you may need to open the hood and locate the back of the headlight assembly. Some vehicles may require removal of other components for access.
3. **Disconnect Power:** Carefully disconnect the electrical connector from the old bulb.
4. **Remove Old Bulb:** Unclip or twist the retaining mechanism that holds the old bulb in place. Gently pull the old bulb straight out.
5. **Insert New Bulb:** Holding the new NEWBROWN 9005/HB3 bulb by its base (with gloves), align the tabs on the bulb with the slots in the headlight assembly. Insert the bulb firmly until it seats properly.
6. **Secure Bulb:** Re-engage the retaining clip or twist the bulb to lock it into position. Ensure it is securely fastened and does not wobble.
7. **Reconnect Power:** Reattach the electrical connector to the new bulb.
8. **Test Functionality:** Turn on your vehicle's headlights to ensure the new bulbs are functioning correctly. Check both low and high beams.

For visual assistance, please refer to the installation steps below:



Image: A series of six images illustrating the step-by-step process of installing a headlight bulb, from opening the dust cover to closing it, emphasizing the use of gloves.

Important Tip: For cold car installation, operate with gloves to protect the bulb and ensure proper handling.

OPERATING INSTRUCTIONS

Once installed, the NEWBROWN 9005/HB3 headlight bulbs operate like standard halogen bulbs. They are designed for both low beam and high beam functions, depending on your vehicle's wiring and headlight assembly.

- **Low Beam:** Provides illumination for general driving, designed to light the road ahead without blinding oncoming traffic.
- **High Beam:** Offers maximum illumination for driving in dark conditions where no oncoming traffic is present.

Low beam



High beam



Image: A visual comparison showing the difference in light spread and intensity between low beam and high beam settings on a road at night.



Image: Another comparison showing the distinct light patterns produced by Newbrown bulbs for low beam and high beam, demonstrating their effectiveness.

MAINTENANCE

NEWBROWN 9005/HB3 headlight bulbs are designed for long-lasting performance with minimal maintenance. However, following these guidelines can help maximize their lifespan and ensure optimal visibility:

- **Avoid Touching Glass:** As mentioned in installation, avoid touching the glass part of the bulb with bare hands. If accidentally touched, clean the bulb with a lint-free cloth and rubbing alcohol before installation.
- **Regular Inspection:** Periodically check your headlights for proper function. If one bulb burns out, it is often recommended to replace both headlights simultaneously, as they typically have similar lifespans.
- **Clean Headlight Lenses:** Ensure your vehicle's headlight lenses are clean and free of dirt, grime, or haze. Dirty lenses can significantly reduce light output.
- **Check Electrical Connections:** Ensure all electrical connections to the bulbs are secure and free from corrosion.

TROUBLESHOOTING

If you encounter issues with your NEWBROWN 9005/HB3 headlight bulbs, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light up	• Loose electrical connection • Blown fuse • Incorrect bulb type • Defective bulb	• Check and secure the electrical connector. • Inspect and replace the relevant fuse in your vehicle's fuse box. • Verify the bulb type against your vehicle's requirements. • Replace the bulb.

Dim or flickering light	• Poor electrical connection • Aging bulb • Vehicle's charging system issue	• Check and clean electrical contacts. • Replace the bulb. • Consult a professional mechanic to inspect your vehicle's electrical system.
Bulb burns out quickly	• Touching glass during installation • Voltage fluctuations • Vibration	• Ensure proper handling with gloves during installation. • Have vehicle's electrical system checked by a professional. • Ensure bulb is securely seated to minimize vibration.

If these steps do not resolve the issue, please contact NEWBROWN customer support for further assistance.

WARRANTY AND SUPPORT

NEWBROWN 9005/HB3 Halogen Headlight Bulbs come with a **15-month quality guarantee** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its stated performance specifications under normal use.

What is Covered:

- Defects in materials or workmanship.
- Failure to meet specified brightness or color temperature within the warranty period under normal operating conditions.

What is Not Covered:

- Damage caused by improper installation (e.g., touching glass with bare hands).
- Damage from accidents, misuse, abuse, or unauthorized modifications.
- Normal wear and tear or expected lifespan expiration.

To Claim Warranty:

Please retain your proof of purchase. For warranty claims or technical support, contact NEWBROWN customer service through the retailer where the product was purchased or visit the official NEWBROWN website for contact information.

Finding the Correct Bulb Type:

If you are unsure about the correct bulb fitment for your vehicle, you can:

1. Check your original headlight bulb model.
2. Consult your car's owner's manual.
3. Search online using your car's make, model, and year.
4. Contact NEWBROWN customer support with your car's brand, model, and year of manufacture for assistance.



Image: A graphic illustrating four methods to determine the correct bulb size for a vehicle: checking the original bulb, consulting the owner's

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question