

Philips 9006C1

Philips 9006C1 Standard Halogen Light Bulb Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective use of your Philips 9006C1 Standard Halogen Light Bulb. Please read these instructions carefully before installation and retain them for future reference.

SAFETY INFORMATION

- **California Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Always wear appropriate safety glasses and gloves when handling automotive bulbs.
- Avoid touching the glass part of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature bulb failure. If touched, clean with rubbing alcohol.
- Ensure the vehicle's ignition is off and the battery is disconnected before attempting any bulb replacement to prevent electrical shock.
- Allow bulbs to cool completely before handling, as they can become very hot during operation.
- Dispose of old bulbs according to local regulations.

PRODUCT OVERVIEW

The Philips 9006C1 is a standard halogen automotive light bulb designed for reliable performance in your vehicle's lighting system. It operates at 12V with a power output of 55W, featuring a P22d base type.





A close-up view of the Philips 9006C1 Standard Halogen Light Bulb, showing the clear glass capsule, filament, and the black plastic base with electrical connector.



The retail packaging for Philips Vision bulbs, showing two halogen bulbs inside a clear plastic blister pack with 'PHILIPS' branding and 'Up to +30% more vision' text.

SETUP AND INSTALLATION

Replacing an automotive headlight bulb typically involves several steps. Always consult your vehicle's owner's manual for specific instructions, as procedures can vary significantly between car models.

1. **Prepare Your Vehicle:** Park your vehicle on a level surface, engage the parking brake, and turn off the engine. Disconnect the negative terminal of your car battery to prevent accidental electrical shorts.
2. **Access the Headlight Assembly:** Depending on your vehicle, you may need to open the hood, remove a plastic cover, or even partially remove the headlight assembly to gain access to the bulb.
3. **Remove the Old Bulb:** Locate the back of the headlight assembly. There will typically be a wiring harness connected to the bulb. Disconnect this harness. Then, unclip or twist the bulb to release it from its housing. Handle the old bulb carefully, especially if it is broken.
4. **Install the New Bulb:** Without touching the glass of the new Philips 9006C1 bulb, carefully insert it into the headlight housing. Ensure it is seated correctly and securely. The 9006C1 bulb features a specific groove formation designed to prevent incorrect installation (e.g., installing a low-beam bulb into a high-beam socket, or vice-versa). Ensure the bulb aligns with these grooves.
5. **Reconnect Wiring and Test:** Reconnect the wiring harness to the new bulb. Reconnect your car battery. Turn on your headlights to verify that the new bulb is functioning correctly before reassembling any covers or components.
6. **Reassemble:** Secure any covers or components that were removed to access the bulb.

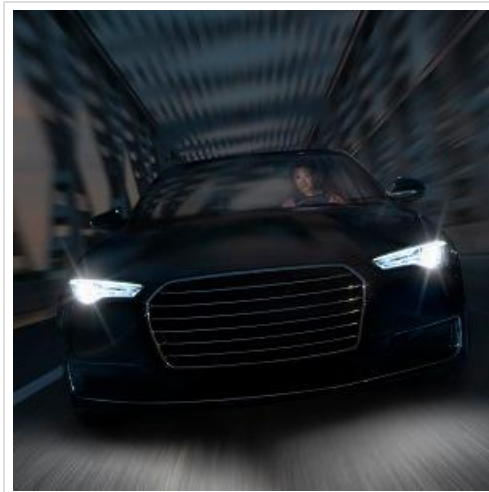


An illustrative diagram of a car's front end with circular arrows indicating the location for headlight bulb replacement on both sides.

OPERATING INSTRUCTIONS

Once properly installed, the Philips 9006C1 Standard Halogen Light Bulb operates as an integral part of your vehicle's lighting system. Its function is controlled by your vehicle's headlight switch and related electrical components.

- Turn on your vehicle's headlights as you normally would.
- Ensure both headlights are illuminated and provide adequate visibility.
- Regularly check your headlights for proper function, especially before driving at night or in adverse weather conditions.



A black car driving on a road at night, illuminated by its bright headlights, demonstrating the bulb's function.

MAINTENANCE

Halogen light bulbs like the Philips 9006C1 are generally maintenance-free. Their lifespan is primarily determined by operating hours and environmental factors.

- **Regular Inspection:** Periodically check your headlights to ensure both bulbs are working. A burnt-out bulb should be replaced promptly.
- **Cleaning:** Keep your headlight lenses clean for optimal light output. Do not use abrasive cleaners that could scratch the lens.
- **Handling:** When replacing bulbs, always follow the safety guidelines, especially avoiding direct

contact with the glass.

TROUBLESHOOTING

If you encounter issues with your Philips 9006C1 light bulb, consider the following troubleshooting steps:

- **Bulb Not Lighting Up:**

- Check the electrical connection to the bulb. Ensure it is securely plugged in.
- Verify the vehicle's fuse for the headlight circuit. A blown fuse will prevent the bulb from lighting.
- Confirm the bulb is correctly seated in its housing. Improper seating can prevent electrical contact.
- Ensure the correct bulb type (9006C1) is used for the specific application. The bulb's base has a groove formation to prevent incorrect installation.

- **Dim or Flickering Light:**

- Inspect the wiring for any corrosion or loose connections.
- Check the vehicle's charging system. Low voltage can cause dim lights.
- Ensure the headlight lens is clean and not clouded or yellowed, which can reduce light output.

- **Premature Failure:**

- Review installation steps to ensure the glass was not touched during installation.
- Check for excessive vibration in the headlight assembly.
- Ensure the vehicle's voltage regulator is functioning correctly, as over-voltage can shorten bulb life.

SPECIFICATIONS

Attribute	Specification
Brand	Philips
Model Number	9006C1
Bulb Type	Standard Halogen
Voltage	12 Volts
Wattage	55 Watts
Base Type	P22d
Operating Life	1000 Hours
Fit Type	Vehicle Specific Fit
Auto Part Position	Front
Item Package Quantity	1
Item Weight	0.64 ounces
Product Dimensions	1.8 x 1.8 x 2.7 inches

Attribute	Specification
UPC	046677233624

WARRANTY AND SUPPORT

For specific warranty information regarding your Philips 9006C1 Standard Halogen Light Bulb, please refer to the documentation included with your purchase or contact Philips customer support directly. Warranty terms can vary by region and retailer.

For further assistance or technical support, please visit the official Philips automotive lighting website or contact their customer service department.