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SYLVANIA 9003

SYLVANIA 9003 (H4) Basic Halogen Headlight Bulb Instruction Manual

Brand: SYLVANIA

1. Product Overview

The SYLVANIA 9003 (also known as H4) Basic Halogen Headlight Bulb is engineered to provide reliable illumination for your vehicle. This bulb is designed to meet Department of Transportation (DOT) regulations for performance and lifespan, ensuring it is legal for on-road use. It serves as a direct replacement, facilitating straightforward installation.

Key features include:

- Dependable light source meeting DOT regulations.
- Constructed from high-quality materials for durability.
- Produced by a trusted original equipment manufacturer (OEM) light source supplier.
- Easy installation as a direct replacement bulb.
- Legal for on-road use.



Image: Two SYLVANIA 9003 Halogen Headlight Bulbs. One bulb is shown from the side, highlighting the clear glass envelope and the three-prong metal base. The other bulb is viewed from the base, showing the electrical connectors and the metal housing.

2. Package Contents

Your package contains the following items:

- SYLVANIA 9003 Halogen Headlight Bulb(s)

Note: The quantity of bulbs may vary based on the specific product packaging (e.g., single bulb or pack of 10).

3. Safety Information

Please read and understand all safety instructions before handling or installing the bulb. Failure to do so may result in personal injury or damage to the product or vehicle.

- **Electrical Hazard:** Always disconnect the vehicle's battery or turn off the ignition before attempting to replace a headlight bulb to prevent electrical shock.
- **High Temperature:** Halogen bulbs operate at high temperatures. Allow the old bulb to cool completely before removal. Avoid touching the glass portion of the new bulb with bare hands, as oils from your skin can create hot spots and significantly reduce bulb life. Use clean gloves or a cloth when handling.
- **Eye Protection:** Wear appropriate eye protection during installation to guard against accidental breakage or debris.
- **Proper Disposal:** Dispose of old bulbs according to local regulations.
- **Vehicle Compatibility:** Ensure the bulb type (9003/H4) is compatible with your vehicle's headlight system. Refer to your vehicle's owner's manual for correct bulb specifications.

4. Installation

This bulb is designed for easy installation as a direct replacement. However, specific steps may vary depending on your vehicle's make and model. Always consult your vehicle's owner's manual for detailed instructions on headlight bulb replacement.

1. **Preparation:** Ensure the vehicle is turned off and the engine is cool. Open the hood and locate the back of the headlight assembly.
2. **Access:** Depending on your vehicle, you may need to remove a cover, fender liner, or other components to access the bulb.
3. **Disconnect Power:** Carefully disconnect the electrical connector from the back of the old bulb.
4. **Remove Old Bulb:** Release any retaining clips or twist the bulb counter-clockwise to remove it from the headlight housing. Handle the old bulb by its base.
5. **Install New Bulb:** Wearing clean gloves or using a clean cloth, carefully insert the new SYLVANIA 9003 bulb into the headlight housing. Ensure it is seated correctly and secure it with any retaining clips or by twisting clockwise. **Do not touch the glass portion of the bulb.**
6. **Reconnect Power:** Reattach the electrical connector to the new bulb.
7. **Test:** Turn on your vehicle's headlights to ensure the new bulb is functioning correctly. Check both low and high beams.
8. **Reassemble:** Reinstall any covers or components that were removed during the process.

If you are unsure about any step, it is recommended to seek assistance from a qualified automotive technician.

5. Operation

The SYLVANIA 9003 Halogen Headlight Bulb operates as part of your vehicle's standard lighting system. Once installed, it will illuminate when your vehicle's headlights are activated. This bulb supports both low beam and high beam functions, depending on your vehicle's wiring and switch configuration.

- **Low Beam:** Provides general illumination for normal driving conditions, designed to avoid dazzling oncoming drivers.
- **High Beam:** Offers maximum illumination for driving in dark areas where no oncoming traffic is present.

Always use appropriate beam settings according to traffic laws and driving conditions.

6. Maintenance

Halogen headlight bulbs are generally maintenance-free until they reach the end of their service life. To maximize

bulb longevity:

- **Avoid Touching Glass:** As mentioned in safety, oils from skin can cause premature failure.
- **Check Headlight Alignment:** Improperly aimed headlights can reduce visibility and put undue stress on bulbs.
- **Inspect Wiring:** Periodically check headlight wiring and connectors for corrosion or damage, which can affect bulb performance.
- **Replace in Pairs:** It is often recommended to replace headlight bulbs in pairs, as bulbs typically have similar lifespans. If one bulb fails, the other may follow soon after.

7. Troubleshooting

If your SYLVANIA 9003 headlight bulb is not functioning as expected, consider the following troubleshooting steps:

- **Bulb Not Lighting:**
  - Check the electrical connector to ensure it is securely attached to the bulb.
  - Verify that the bulb is correctly seated in the headlight housing.
  - Inspect the vehicle's fuse box for a blown headlight fuse. Replace if necessary.
  - If only one bulb is out, the bulb itself may have failed and requires replacement.
  - If both bulbs are out, check the headlight switch, wiring, or relay.
- **Flickering Bulb:**
  - Ensure the electrical connector is clean and making good contact. Corrosion can cause flickering.
  - Check for loose wiring connections.
  - A flickering bulb can sometimes indicate an impending failure.
- **Dim Light Output:**
  - Ensure the headlight lens is clean and free from dirt or haze.
  - Verify that the vehicle's charging system is operating correctly. Low voltage can cause dim lights.
  - Bulbs naturally dim over their lifespan; replacement may be necessary.

If troubleshooting steps do not resolve the issue, consult a professional automotive technician.

8. Specifications

Feature	Specification
Brand	SYLVANIA
Model Number	9003.TP (also fits H4)
Bulb Type	Halogen
Item Weight	0.353 ounces
Product Dimensions	Approximately 10 x 10 x 10 inches (packaging dimensions)
UPC	046135317071

Feature	Specification
Manufacturer	Sylvania
Auto Part Position	Right (Note: Bulbs are typically universal for left/right, this may refer to packaging or a specific vehicle application)
Legal Status	Legal for on-road use (DOT compliant)

9. Warranty and Support

For specific warranty information regarding your SYLVANIA 9003 Halogen Headlight Bulb, please refer to the documentation included with your purchase or contact SYLVANIA customer support directly. Warranty terms typically cover manufacturing defects for a specified period.

You can find more information and support resources by visiting the official SYLVANIA store or website:

Visit the SYLVANIA Store on Amazon

Please retain your proof of purchase for any warranty claims.

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