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› SYLVANIA H1 SilverStar Ultra Halogen Headlight Bulb User Manual

SYLVANIA H1SU.BP2

SYLVANIA H1 SilverStar Ultra Halogen Headlight Bulb User Manual

Model: H1SU.BP2

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your SYLVANIA H1 SilverStar Ultra Halogen Headlight Bulbs. These bulbs are designed for use as high beam, low beam, or fog light replacements in compatible vehicles.



Image 1.1: SYLVANIA H1 SilverStar Ultra Halogen Headlight Bulbs and packaging.

2. SAFETY WARNINGS

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

- Always wear appropriate eye protection and gloves when handling automotive bulbs.
- Avoid touching the glass portion 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 lights are cool before attempting installation or removal.
- Dispose of old bulbs according to local regulations.

3. PRODUCT FEATURES

The SYLVANIA H1 SilverStar Ultra bulbs incorporate advanced features for enhanced visibility and performance:

- **Optimized Downroad Visibility:** Engineered to provide increased light output further down the

road, improving reaction time.

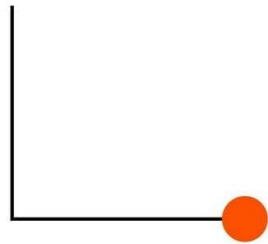
- **Whiter Light Output:** Patented Tri-Band Technology produces a whiter light compared to standard halogen bulbs, enhancing clarity and contrast for better object recognition.
- **Tri-Band Technology:** A specialized coating that contributes to the whiter light and improved visibility.
- **Designed for Night Vision:** These bulbs are developed to assist in challenging nighttime driving conditions.



Image 3.1: Illustration of Tri-Band Coating Technology on a SYLVANIA H1 bulb.

TRI-BAND COATING TECHNOLOGY

SYLVANIA'S Brightest
Downroad Headlight
with Whiter Light. *



* Compared only to
SYLVANIA BASIC

SYLVANIA



Image 3.2: Enhanced night vision capability.

4. COMPATIBILITY

The SYLVANIA H1 SilverStar Ultra bulb is designed for specific vehicle applications. It is crucial to verify compatibility before purchase and installation.

- **Confirm Fitment:** Before opening the product packaging, ensure that the H1 bulb type is correct for your vehicle's specific headlight position (e.g., high beam, low beam, or fog light). Refer to your vehicle's owner's manual or an automotive parts guide for accurate fitment information.
- **Universal Fit Type:** While the bulb itself is an H1 type, its application is considered universal across vehicles that require an H1 bulb.



Before opening the package, ensure that this is the correct bulb for your vehicle.

Image 4.1: Verify bulb type before installation.

5. INSTALLATION

These bulbs are a direct replacement for factory H1 bulbs and typically require no modifications. Follow these general steps for installation:

1. **Preparation:** Ensure the vehicle is turned off and the engine is cool. Open the hood and locate the headlight assembly.
2. **Access:** Depending on your vehicle, you may need to remove a cover, fender liner, or other components to access the back of the headlight assembly.
3. **Disconnect Power:** Disconnect the electrical connector from the old bulb.
4. **Remove Old Bulb:** Unclip or twist to remove the old H1 bulb from its housing. Handle the old bulb carefully.
5. **Install New Bulb:** While wearing gloves, carefully insert the new SYLVANIA H1 SilverStar Ultra bulb into the housing. Ensure it is seated correctly and securely. Avoid touching the glass.
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.
8. **Reassemble:** Reinstall any covers or components removed during access.



Image 5.1: General illustration of headlight bulb installation.

6. OPERATION

Once installed, the SYLVANIA H1 SilverStar Ultra bulbs operate as standard halogen headlights, providing illumination for driving. The enhanced design aims to deliver a brighter, whiter light for improved visibility.

- The bulbs function as part of your vehicle's existing headlight system (high beam, low beam, or fog lights).
- The whiter light output helps to improve the perception of road signs and hazards.
- Increased downroad visibility contributes to a safer driving experience, especially at night.

MOST DOWNROAD VISIBILITY*



* Compared only to
SYLVANIA BASIC

SYLVANIA

Image 6.1: Illustration of improved downroad visibility.

7. MAINTENANCE

Proper maintenance ensures optimal performance and longevity of your headlight bulbs.

- **Replace in Pairs:** Headlight bulbs dim over time. For consistent light output and optimal performance, it is recommended to replace both H1 headlights at the same time. If one bulb fails, the other is likely to follow soon after.
- **Keep Headlight Lenses Clean:** Regularly clean your vehicle's headlight lenses to ensure maximum light output and clarity. Oxidized or dirty lenses can significantly reduce visibility.

LIGHTS DIM OVER TIME

Replace bulbs at the same time, for optimal performance.



SYLVANIA

Image 7.1: Recommendation to replace bulbs in pairs.



Image 7.2: Cleaning a headlight lens.

8. TROUBLESHOOTING

If you encounter issues with your SYLVANIA H1 SilverStar Ultra bulbs, consider the following:

- **Bulb Not Lighting Up:**
 - Check the electrical connection to ensure it is secure.
 - Verify that the bulb is correctly seated in the headlight housing.
 - Inspect the vehicle's fuse box for a blown headlight fuse.
 - If only one bulb is out, the bulb may have reached the end of its operating life and requires replacement.
- **Dim or Flickering Light:**

- Ensure the vehicle's charging system is functioning correctly.
- Check for loose or corroded electrical connections.
- If both bulbs are dim, they may be nearing the end of their operating life and should be replaced in pairs.
- **Incorrect Beam Pattern:**
 - Ensure the bulb is correctly oriented and fully seated in the headlight assembly. Improper seating can affect the beam pattern.

If problems persist, consult a qualified automotive technician.

9. SPECIFICATIONS

Attribute	Value
Brand	SYLVANIA
Model	Ultra High Performance Halogen Headlight Bulb
Item Model Number	H1SU.BP2
Item Package Quantity	1 (Contains 2 Bulbs)
Color	Multicolor (Whiter Light)
Auto Part Position	Right (Universal Fit)
Operating Life	1000 Hours
Manufacturer	SYLVANIA
Automotive Fit Type	Universal Fit
UPC	046135313585
Voltage	12 Volts
Item Weight	1.13 ounces
Product Dimensions	0.4 x 5.5 x 1.9 inches

10. WARRANTY AND SUPPORT

SYLVANIA has over 100 years of experience in optical engineering and lighting innovation. For specific warranty information regarding your H1 SilverStar Ultra bulbs, please refer to the product packaging or visit the official SYLVANIA website. For further assistance or technical support, please contact SYLVANIA customer service.

You can find more information and contact details on the [SYLVANIA Store on Amazon](#).

