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Brand: SYLVANIA | Model: H4656

1. PRODUCT OVERVIEW

The SYLVANIA H4656 Long Life Halogen Sealed Beam Headlight is engineered for extended durability and reliable performance. This headlight is designed to provide illumination for your vehicle, featuring a halogen capsule that operates with internal gas pressure to reduce tungsten evaporation, contributing to a significantly longer lifespan compared to standard incandescent lamps.

Key Features:

- Designed for a long operational life, up to 6 times longer than standard headlights.
- Constructed to resist road shock and vibration.
- Utilizes halogen technology for enhanced longevity and consistent light output.
- Provides clear, effective illumination for driving.



Figure 1: Front view of the SYLVANIA H4656 Long Life Halogen Sealed Beam Headlight, showing the clear lens and internal reflector pattern.

2. SAFETY INFORMATION

Always prioritize safety when working with automotive electrical components. Failure to follow these guidelines may result in injury or damage to your vehicle.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical shock or short circuits.
- **Handle with Care:** Halogen bulbs operate at high temperatures. Avoid touching the glass portion of the bulb with bare hands, as oils can create hot spots and reduce bulb life. Use gloves or a clean cloth.
- **Eye Protection:** Always wear appropriate eye protection to shield against potential debris or accidental bulb breakage.
- **Proper Disposal:** Dispose of old bulbs according to local regulations.
- **Professional Assistance:** If you are unsure about any step of the installation or encounter difficulties, consult a qualified automotive technician.

3. SETUP AND INSTALLATION

This section provides general guidance for replacing a sealed beam headlight. Specific steps may vary depending on your vehicle's make and model. Refer to your vehicle's service manual for detailed instructions.

Tools and Materials:

- New SYLVANIA H4656 Headlight
- Screwdriver (Phillips or flathead, depending on vehicle)
- Gloves (latex or nitrile recommended)
- Clean cloth

Installation Steps:

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and turn off the engine. Disconnect the negative terminal of the battery.
2. **Access Headlight:** Locate the headlight assembly. Depending on your vehicle, you may need to remove the grille, headlight bezel, or other trim pieces to access the headlight mounting screws.
3. **Remove Old Headlight:** Unscrew the retaining screws or clips that hold the sealed beam headlight in place. Carefully pull the old headlight forward.
4. **Disconnect Wiring:** Disconnect the electrical connector from the back of the old headlight.
5. **Install New Headlight:** Connect the electrical connector to the new SYLVANIA H4656 headlight. Ensure a secure connection.
6. **Position and Secure:** Carefully place the new headlight into the housing, aligning it correctly. Reinstall the retaining screws or clips to secure the headlight.
7. **Reassemble:** Reinstall any trim pieces, bezels, or the grille that were removed.
8. **Reconnect Battery and Test:** Reconnect the negative battery terminal. Turn on the headlights to verify proper operation. Check both low and high beams.
9. **Aim Headlights (if necessary):** After installation, it may be necessary to adjust the headlight aim to ensure proper beam pattern and avoid blinding oncoming drivers. Consult your vehicle's manual for aiming procedures.



Figure 2: Rear view of the H4656 headlight, illustrating the three electrical terminals for connection.



Figure 3: Top-down side profile of the H4656 headlight, showing the glass lens and sealed beam construction.

Helpful Installation Videos:

The following videos from SYLVANIA provide general guidance on headlight installation and benefits of their halogen bulbs. While they may feature different models, the principles of installation and product benefits are broadly applicable.

Your browser does not support the video tag.

Video 1: SYLVANIA XtraVision Headlights. This video demonstrates the increased downroad visibility offered by SYLVANIA halogen headlights and highlights their quality and durability.

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Video 2: SYLVANIA SilverStar Halogen Bulbs - Many Different Uses. This video showcases the easy DIY installation process for SYLVANIA halogen bulbs and emphasizes their performance benefits.

4. OPERATING INSTRUCTIONS

The SYLVANIA H4656 headlight operates as a standard automotive headlight. Once installed, its function is controlled by your vehicle's headlight switch.

- **Low Beam:** Provides standard illumination for general driving conditions, designed to avoid dazzling oncoming traffic.
- **High Beam:** Offers maximum illumination for improved visibility on unlit roads or highways when no oncoming traffic is present.

The halogen technology ensures a consistent and bright light output throughout the bulb's extended lifespan, contributing to a safer driving experience by enhancing visibility of the road ahead.

5. MAINTENANCE

The SYLVANIA H4656 Long Life Halogen Sealed Beam Headlight is designed for minimal maintenance due to its

durable construction and extended lifespan. However, general care for your vehicle's lighting system is recommended.

- **Regular Inspection:** Periodically check your headlights for proper function (both low and high beams) and for any signs of damage or dimming.
- **Cleaning:** Keep the exterior of your headlight lenses clean from dirt, dust, and road grime to ensure maximum light output. Use a soft cloth and automotive-approved cleaning solution.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or solvents on the headlight lens, as this can damage the plastic or glass.
- **Replacement:** While designed for long life, eventually all bulbs will need replacement. Replace the headlight if it burns out or if you notice a significant decrease in light output. It is often recommended to replace headlights in pairs to maintain balanced illumination.

6. TROUBLESHOOTING

If you experience issues with your SYLVANIA H4656 headlight, consider the following common troubleshooting steps:

- **Headlight Not Working:**
 - Check the electrical connection at the back of the headlight to ensure it is secure.
 - Inspect the vehicle's fuse box for a blown headlight fuse. Replace if necessary.
 - Verify that the vehicle's headlight switch is functioning correctly.
 - If only one headlight is out, the bulb itself may have failed.
- **Dim Headlight:**
 - Ensure the headlight lens is clean.
 - Check for proper voltage supply to the headlight. A weak connection or wiring issue could cause dimming.
 - The bulb may be nearing the end of its lifespan.
- **Incorrect Beam Pattern:**
 - Verify that the headlight is seated correctly in its housing.
 - Adjust the headlight aim according to your vehicle's specifications.

If these steps do not resolve the issue, or if you suspect a more complex electrical problem, it is recommended to seek assistance from a certified automotive technician.

7. SPECIFICATIONS

Attribute	Value
Brand	SYLVANIA
Model Number	H4656LL.BX
Product Type	Halogen Sealed Beam Headlight
Color	Clear
Specific Uses	Head Lights
Vehicle Service Type	Car, Truck
Special Feature	Base A-3, Voltage 12V, Wattage 35
Wattage	35 watts
Auto Part Position	Front
Lens Material	Glass
Item Dimensions (L x W x H)	6.83 x 5.06 x 4.37 inches
Item Weight	5.3 ounces
UPC	046135308772, 046135307478



Figure 4: Product packaging for the SYLVANIA H4656LL headlight, highlighting its 'Long Life' feature.

8. WARRANTY AND SUPPORT

SYLVANIA products are manufactured to high-quality standards. For specific warranty information regarding your

H4656 Long Life Halogen Sealed Beam Headlight, please refer to the product packaging or visit the official SYLVANIA website. If you require technical assistance or have questions about your product, please contact SYLVANIA customer support.

You can find more information and support resources by visiting the SYLVANIA Store on Amazon.

