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› Wagner Lighting H7619 Standard Multi-Purpose Light Bulb Instruction Manual

Federal Mogul H7619

Wagner Lighting H7619 Standard Multi-Purpose Light Bulb

Instruction Manual

Model: H7619 | Brand: Federal Mogul

PRODUCT OVERVIEW

The Wagner H7619 Standard Multi-Purpose Light Bulb is a halogen sealed beam designed to provide brighter, whiter light and extended life compared to traditional incandescent lighting. Its design incorporates a non-reflective bottom shelf to minimize glare in adverse weather conditions such as fog, rain, and snow. This product is engineered to meet or exceed Department of Transportation (DOT) and Society of Automotive Engineers (SAE) standards, ensuring reliable performance and compliance.



Figure 1: Front view of the Wagner H7619 sealed beam light bulb, showcasing its textured lens for optimal light distribution.

Key Features:

- **Enhanced Brightness:** Delivers a brighter, whiter light output for improved visibility.
- **Durability:** Features an extra strong filament designed to withstand vibration and coated terminals to inhibit corrosion, ensuring a longer service life.
- **Reduced Glare:** A non-reflective bottom shelf helps to reduce glare, particularly beneficial in challenging weather conditions like rain, snow, and fog.
- **Compliance:** DOT/SAE compliant, meeting stringent automotive lighting standards.
- **Versatile Application:** Suitable for various automotive applications, including passenger cars, light trucks, commercial vehicles, and off-highway equipment.

INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your Wagner H7619 light bulb. Always ensure the vehicle's electrical system is off before beginning installation.

Safety Precautions:

- Always wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical shock.
- Allow existing bulbs to cool down before handling, as they can be very hot.

- Avoid touching the glass portion of the new bulb with bare hands. Oils from your skin can create hot spots and reduce bulb life. Use a clean cloth or gloves.

Installation Steps:

1. **Access the Headlight Assembly:** Depending on your vehicle model, you may need to remove the grille, bumper, or inner fender liner to access the headlight assembly. Consult your vehicle's service manual for specific instructions.
2. **Disconnect Wiring:** Carefully disconnect the electrical connector from the back of the old light bulb.
3. **Remove Old Bulb:** Unclip or unscrew the retaining mechanism that holds the old bulb in place. Gently pull the old bulb straight out.
4. **Insert New Bulb:** Align the tabs on the new Wagner H7619 bulb with the corresponding slots in the headlight housing. Push the bulb firmly but gently into place until it is seated securely.
5. **Secure Bulb:** Re-engage the retaining clips or screws to hold the new bulb firmly.
6. **Reconnect Wiring:** Reconnect the electrical connector to the terminals on the back of the new bulb. Ensure a snug fit.
7. **Test Functionality:** Reconnect the vehicle battery (if disconnected) and test the light bulb's operation before reassembling any removed vehicle components.
8. **Reassemble:** Reinstall any vehicle components that were removed to access the headlight assembly.



Figure 2: Rear view of the H7619 bulb, illustrating the electrical connectors for proper wiring.

FUNCTIONALITY

The Wagner H7619 light bulb operates as a sealed beam unit, meaning the filament, reflector, and lens are integrated into a single, sealed housing. This design protects the internal components from environmental factors, ensuring consistent performance.

Operation:

- When electrical current is supplied to the bulb, the halogen filament heats up, emitting a bright, white light.
- The integrated reflector directs the light forward, while the lens shapes the beam pattern for optimal road illumination.
- The non-reflective bottom shelf is designed to absorb stray light, reducing upward glare that can be problematic in rain, snow, or fog.

SHINES BRIGHT

Delivers a brighter, whiter light and longer life than incandescent lighting



Figure 3: Illustration of the bulb's bright, white light output, enhancing visibility during nighttime driving.

FOR CHALLENGING CONDITIONS

Non-reflective bottom shelf reduces glare in rain, snow and fog



Figure 4: Depiction of the bulb's performance in challenging conditions, highlighting the glare-reducing feature.

CARE AND REPLACEMENT

The Wagner H7619 light bulb is designed for long-lasting performance. Regular care and timely replacement will ensure continued safety and optimal illumination.

General Care:

- Keep the exterior of the headlight lens clean from dirt, debris, and road grime to ensure maximum light output. Use a soft cloth and mild automotive cleaner.
- Avoid harsh chemicals or abrasive materials on the lens, as these can cause damage.

When to Replace:

- **Burned Out Bulb:** If the bulb no longer illuminates, it has likely burned out and requires replacement.
- **Dim or Flickering Light:** A dim or flickering light can indicate an aging bulb or an electrical issue. If other electrical components are functioning correctly, consider replacing the bulb.

- **Damaged Lens:** Although sealed, severe impact can crack the lens, compromising the bulb's integrity. Replace if the lens is visibly damaged.
- **Pair Replacement:** It is generally recommended to replace headlight bulbs in pairs (both left and right) to ensure consistent light output and beam pattern, as older bulbs may have degraded performance even if still functional.



Figure 5: Close-up view illustrating the robust filament and corrosion-resistant coated terminals, contributing to the bulb's longevity.

TROUBLESHOOTING

If your Wagner H7619 light bulb is not functioning as expected, consider the following common issues and solutions:

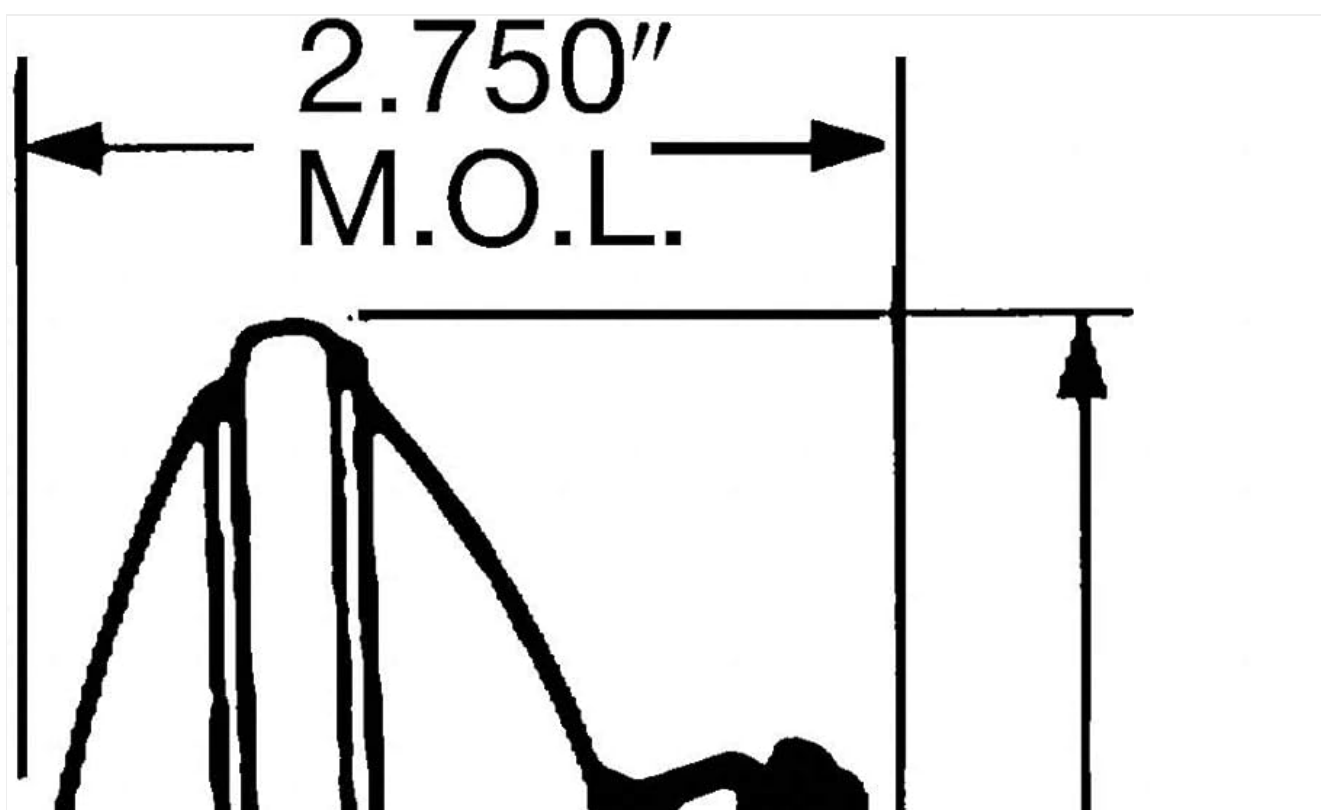
Problem	Possible Cause	Solution
Bulb does not light up.	<ul style="list-style-type: none"> Burned out filament. Loose or corroded electrical connection. Blown fuse. Faulty wiring or switch. 	<ul style="list-style-type: none"> Replace the bulb. Check and secure connections; clean any corrosion. Inspect and replace the relevant fuse in your vehicle's fuse box. Consult a qualified mechanic for electrical system diagnosis.

Problem	Possible Cause	Solution
Light is dim or flickering.	Aging bulb. Poor electrical connection. Low voltage from vehicle's electrical system.	Replace the bulb (consider replacing in pairs). Check and secure connections. Have your vehicle's charging system and battery inspected by a professional.
Light beam is misaligned.	Bulb not seated correctly. Headlight assembly adjustment needed.	Re-seat the bulb, ensuring it clicks into place. Refer to your vehicle's service manual for headlight aiming procedures or seek professional assistance.

TECHNICAL SPECIFICATIONS

Detailed specifications for the Wagner H7619 Standard Multi-Purpose Light Bulb:

Model Number	H7619
Brand	Federal Mogul (Wagner Lighting)
Light Source Type	Halogen, Incandescent
Item Package Quantity	1
Auto Part Position	Right (Note: This may refer to a specific fitment, but bulbs are generally universal for left/right if the housing is the same)
UPC	042723240103
Item Weight	12 ounces
First Available Date	December 5, 2008



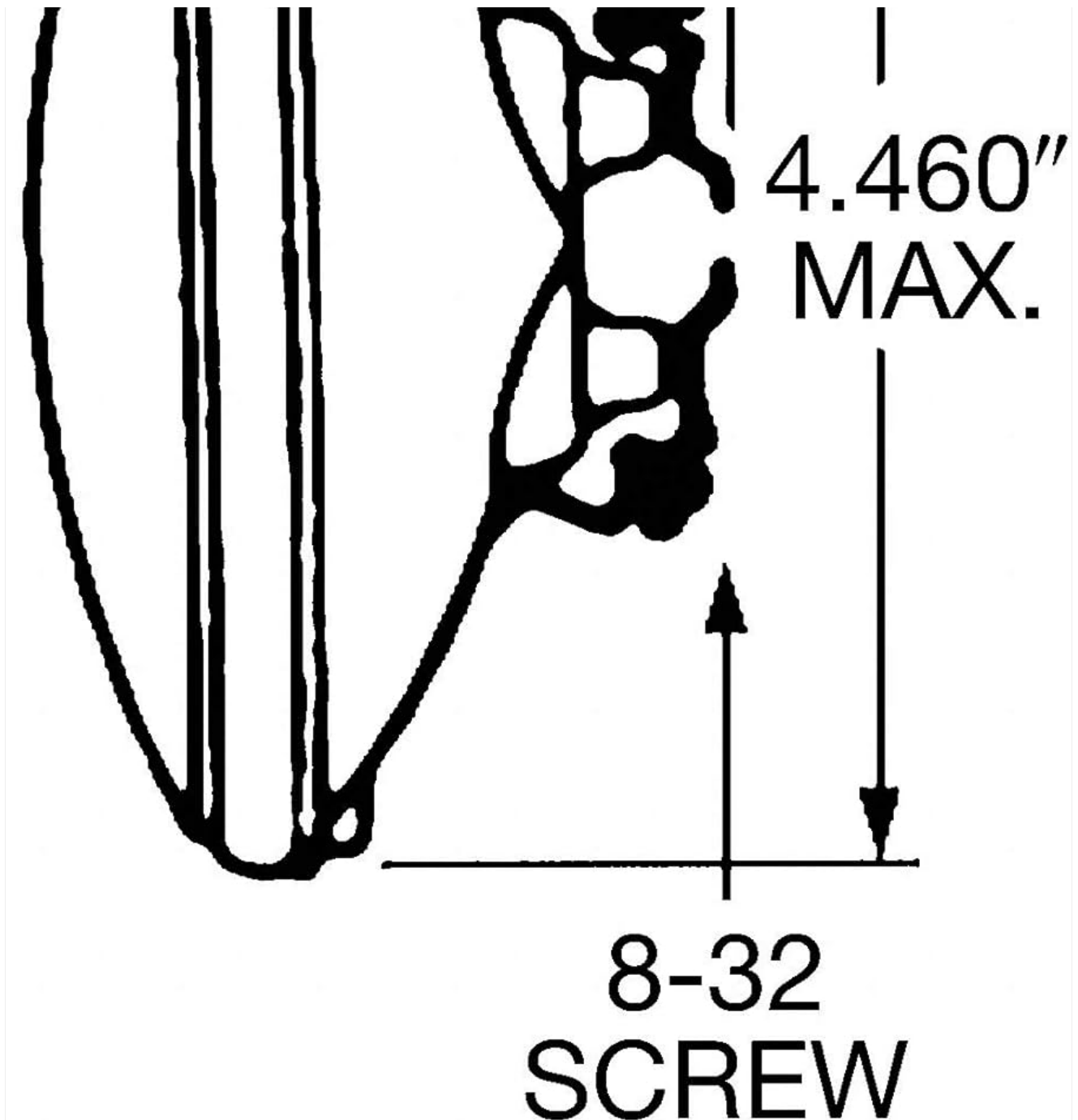


Figure 6: Technical drawing detailing the physical dimensions of the H7619 bulb for compatibility verification.

SUPPORT INFORMATION

For further assistance, technical support, or warranty inquiries regarding your Wagner Lighting product, please refer to the official Federal Mogul website or contact their customer service department. Specific warranty details are typically provided with the product packaging or on the manufacturer's official resources.

While specific contact details are not provided in this manual, general support information can often be found by searching for "Federal Mogul customer support" or "Wagner Lighting support" online.

