

## STANLEY DL08

# Stanley DL08 HID Burner for Headlights (D2S) 4150K Instruction Manual

## 1. INTRODUCTION

Thank you for choosing the Stanley DL08 HID Burner. This high-intensity discharge (HID) lamp is designed for use in D2S projector headlamp systems, providing superior illumination and a 4150K color temperature for optimal visibility. This manual provides essential information for the safe installation, operation, and maintenance of your new HID burner. Please read all instructions carefully before proceeding with installation or use.

## 2. SAFETY INFORMATION

**WARNING:** HID lamps operate at extremely high voltages and temperatures. Improper handling or installation can result in severe injury, electric shock, or damage to the product and vehicle. Always follow these safety guidelines:

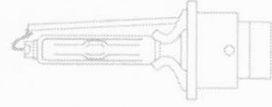
- **High Voltage:** The burner lights up with high voltage. Never touch the burner or its electrical connections while the headlamp is on or immediately after it has been turned off.
- **Disconnect Power:** Before any installation, replacement, or maintenance, always turn off the vehicle's ignition and headlamp switch. Disconnect the negative terminal of the vehicle's battery to prevent accidental power activation and electric shock.
- **Handle with Care:** Do not turn on the burner if the outer glass bulb is cracked or damaged. Damaged bulbs can shatter or leak harmful substances.
- **UV Radiation:** Ultraviolet (UV) rays emitted by HID lamps can cause eye and skin damage. Avoid direct exposure to the lit bulb. Ensure the bulb is properly enclosed within the headlamp assembly.
- **Wear Protective Gear:** Always wear appropriate safety glasses and gloves when handling HID burners.
- **Professional Installation Recommended:** If you are not confident in your ability to safely install this product, seek assistance from a qualified automotive technician.

**STANLEY**

# HIDバーナー

MADE IN GERMANY  
21DL-04

## 安全上の注意



## 警告



●バーナーの外管（ガラス球）が割れたままでは、絶対に点灯しないでください。紫外線による目や皮膚の障害、及び破損拡大の原因となります。



●バーナーは高電圧で点灯しますので、点灯中に灯具から取り外さないでください。また、交換の際は必ず、イグニッションとヘッドランプスイッチをOFFにして、バッテリーのマイナス端子を外してから作業を行ってください。感電する原因となります。

Image: Safety warning label from the Stanley HID burner packaging, highlighting high voltage and UV radiation risks.

### 3. PRODUCT OVERVIEW

The Stanley DL08 is a high-quality HID burner designed for automotive headlamp applications. It provides bright, efficient lighting for improved night driving visibility.

#### Key Features:

- **Compatibility:** Suitable for both 12 V and 24 V vehicle electrical systems.
- **Rating:** 85V 35W (D2S type).
- **Color Temperature:** 4150K, providing a clear, slightly warm white light.
- **Application:** Specifically designed for projector headlamp units.





Image: Front view of the Stanley DL08 HID burner, showing the glass bulb and base connector.



Image: Side view of the Stanley DL08 HID burner, illustrating the full length of the bulb and the base structure.



Image: Retail packaging for the Stanley DL08 HID burner, displaying product information and branding.

## 4. SPECIFICATIONS

|                      |                    |
|----------------------|--------------------|
| Manufacturer         | STANLEY            |
| Model                | DL08               |
| Bulb Type            | Xenon              |
| Mirror Lighting Type | D2S                |
| Voltage              | 85 Volts           |
| Wattage              | 35 Watts           |
| Color Temperature    | 4150K              |
| Material             | Glass              |
| Item Weight          | 30 g               |
| Package Dimensions   | 9.6 x 5.4 x 4.6 cm |
| Position             | Front              |

## 5. SETUP AND INSTALLATION

Replacing an HID burner requires careful attention to safety and proper procedure. If you are unsure about any step, consult a professional.

### Installation Steps:

1. **Prepare for Installation:**

- Ensure the vehicle is turned off, the ignition is off, and the headlamp switch is in the OFF position.
- Disconnect the negative terminal of the vehicle's battery to eliminate any power supply.
- Allow the existing headlamp to cool down completely if it was recently in use.
- Wear appropriate safety glasses and clean gloves to avoid touching the glass part of the new burner. Oils from your skin can create hot spots and reduce bulb life.

2. **Access the Headlamp Assembly:**

- Locate the headlamp assembly in your vehicle. This may require removing other components such as the bumper, grille, or fender liner, depending on your vehicle model. Refer to your vehicle's service manual for specific access instructions.

3. **Remove the Old Burner:**

- Carefully disconnect the electrical connector from the back of the HID burner.
- Unclip or unscrew any retaining mechanisms that hold the burner in place.
- Gently pull the old burner straight out from the headlamp housing. Avoid twisting or forcing it.

4. **Install the New Stanley DL08 Burner:**

- Align the new Stanley DL08 burner with the socket in the headlamp housing. Ensure the keying tabs on the burner base match the slots in the housing.

- Gently push the burner straight into the socket until it is fully seated. Do not force it.
- Secure the burner with the retaining clips or screws that were removed earlier.
- Reconnect the electrical connector to the back of the new burner. Ensure a secure connection.

5. **Reassemble and Test:**

- Reinstall any vehicle components that were removed to access the headlamp.
- Reconnect the negative terminal of the vehicle's battery.
- Turn on the vehicle's ignition and test the headlamps to ensure the new burner is functioning correctly. Observe the light pattern and color.

6. **OPERATING INSTRUCTIONS**

The Stanley DL08 HID Burner operates as an integral part of your vehicle's headlamp system. Once properly installed, its operation is controlled by your vehicle's standard headlamp switch. No special operating procedures are required for the burner itself.

- Turn on your vehicle's headlamps as you normally would.
- Allow a few seconds for the HID burner to reach full brightness, as this is characteristic of HID technology.
- Ensure both headlamps are functioning and emitting light of the expected color and intensity.

7. **MAINTENANCE**

HID burners are generally maintenance-free once installed. However, following these general guidelines can help ensure optimal performance and longevity:

- **Keep Clean:** Periodically clean the exterior of your headlamp lenses to ensure maximum light output. Use a soft cloth and appropriate automotive cleaning solution.
- **Avoid Touching Glass:** When handling the burner, always use clean gloves or a lint-free cloth. Oils from your skin can create hot spots on the glass, leading to premature failure.
- **Inspect Connections:** During routine vehicle maintenance, visually inspect the electrical connections to the burner for any signs of corrosion or looseness.
- **Replace in Pairs:** For consistent light output and color matching, it is often recommended to replace HID burners in pairs, even if only one has failed.

8. **TROUBLESHOOTING**

If your Stanley DL08 HID burner is not functioning as expected, consider the following troubleshooting steps:

| Problem | Possible Cause / Solution |
|---------|---------------------------|
|---------|---------------------------|

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Burner does not light up                    | <ul style="list-style-type: none"><li>◦ <b>No Power:</b> Check vehicle fuses related to headlamps. Ensure battery is connected and charged.</li><li>◦ <b>Loose Connection:</b> Verify that the electrical connector to the burner is securely attached.</li><li>◦ <b>Faulty Ballast:</b> HID burners require a ballast to operate. If the ballast is faulty, the burner will not ignite. Test the ballast if possible, or consult a professional.</li><li>◦ <b>Incorrect Installation:</b> Recheck installation steps to ensure the burner is properly seated.</li><li>◦ <b>Defective Burner:</b> Although rare, the burner itself might be faulty.</li></ul> |
| Burner flickers or turns off intermittently | <ul style="list-style-type: none"><li>◦ <b>Loose Connection:</b> Check all electrical connections for tightness.</li><li>◦ <b>Failing Ballast:</b> A ballast that is starting to fail can cause flickering.</li><li>◦ <b>Aging Burner:</b> HID burners can flicker or change color as they approach the end of their lifespan.</li></ul>                                                                                                                                                                                                                                                                                                                      |
| Light output is dim or incorrect color      | <ul style="list-style-type: none"><li>◦ <b>Aging Burner:</b> Light output naturally diminishes over time. Color shift can also occur.</li><li>◦ <b>Dirty Lens:</b> Clean the headlamp lens.</li><li>◦ <b>Incorrect Burner Type:</b> Ensure the correct D2S burner type is installed.</li></ul>                                                                                                                                                                                                                                                                                                                                                                |

If these steps do not resolve the issue, it is recommended to consult a qualified automotive technician.

## 9. WARRANTY AND SUPPORT

For information regarding the warranty of your Stanley DL08 HID Burner, please refer to the warranty documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please reach out to the STANLEY customer service department or visit the official STANLEY website.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question