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> PIAA 18535 H8 Ion Yellow Performance Bulb User Manual

## Piaa 18535

# PIAA 18535 H8 Ion Yellow Performance Bulb User Manual

Model: 18535 | Brand: Piaa

## 1. PRODUCT OVERVIEW

The PIAA 18535 H8 Ion Yellow Performance Bulb is designed to enhance visibility in adverse weather conditions such as rain, snow, and fog. These bulbs utilize PIAA's patented Ion Crystal technology to produce an amber/yellow light that significantly reduces glare compared to standard white light, improving driver perception and safety.



**Image Description:** This image displays the retail packaging for the PIAA 18535 H8 Ion Yellow Performance Bulbs, along with two individual bulbs. The packaging is primarily white and yellow, featuring the PIAA logo and 'PLASMA ION YELLOW' text. The two H8 bulbs are shown outside the box, highlighting their yellow-tinted glass and standard H8 base.

## 2. KEY FEATURES

- **Crisp yellow output:** Improves visibility in inclement weather conditions.
- **High Quality Quartz Glass & Aerospace Alloy Filament:** Designed for extended product life.
- **2500K Yellow Color:** Produces significantly less glare than white light, especially in fog.
- **Patented Ion Coating:** Allows for 97% light output efficiency.

## 3. INSTALLATION GUIDE

This section provides general guidelines for installing the PIAA H8 Ion Yellow Performance Bulbs. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions. Professional installation is recommended if you are unfamiliar with automotive electrical systems.

1. **Safety First:** Ensure your vehicle's ignition is off and the lights are turned off before beginning installation. It is advisable to disconnect the battery's negative terminal to prevent accidental electrical shorts.
2. **Locate Bulb Housing:** Identify the location of the H8 bulb housing in your vehicle, typically found within the fog light assembly. Access may require removing fender liners or other components depending on the vehicle.

model.

3. **Remove Old Bulb:** Carefully twist the old bulb counter-clockwise (or as per your vehicle's manual) to unlock it from its socket. Disconnect the electrical connector by pressing the release tab and pulling it away from the bulb. Avoid touching the glass of the old bulb.
4. **Install New Bulb:** Handle the new PIAA bulb by its base only. Avoid touching the glass portion, as oils from your skin can create hot spots and reduce bulb life. If you accidentally touch the glass, clean it with rubbing alcohol and a lint-free cloth.
5. **Connect and Secure:** Connect the electrical connector to the new PIAA bulb. Insert the bulb into the housing and twist clockwise until it locks securely into place.
6. **Test Functionality:** Reconnect the vehicle's battery (if disconnected). Turn on your vehicle's lights to verify that the new bulbs are functioning correctly.
7. **Reassemble:** Reinstall any components that were removed to access the bulb housing.

*Note: Some vehicle models may have tight access areas. Using a rubber glove can provide better grip and prevent finger oils from transferring to the bulb glass during installation.*

## 4. OPERATING INSTRUCTIONS

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The PIAA 18535 H8 Ion Yellow Performance Bulbs are designed to operate as direct replacements for standard H8 bulbs in compatible automotive lighting systems. Once installed, their operation is integrated with your vehicle's existing lighting controls.

- **Activation:** The bulbs will illuminate when the vehicle's fog lights or other H8-compatible lighting circuits are activated via the vehicle's dashboard controls.
- **Optimal Use:** These bulbs are particularly effective in conditions of low visibility such as heavy rain, dense fog, or snowfall. The 2500K yellow light spectrum is specifically engineered to cut through atmospheric particles with less reflection back to the driver's eyes, enhancing contrast and reducing glare.
- **Deactivation:** Turn off the vehicle's fog lights or relevant lighting circuit when conditions improve or when not needed, as per local traffic regulations.

## 5. MAINTENANCE

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PIAA H8 Ion Yellow Performance Bulbs are designed for durability and require minimal maintenance. However, following these guidelines can help ensure optimal performance and longevity:

- **Avoid Touching Glass:** As mentioned in installation, oils from skin can damage the bulb. If handling is necessary, use clean gloves or a lint-free cloth.
- **Regular Inspection:** Periodically check your vehicle's lights to ensure both bulbs are functioning. If one bulb fails, it is often recommended to replace both bulbs simultaneously to maintain consistent light output and color.
- **Clean Light Housings:** Keep your vehicle's fog light housings clean from dirt, mud, and debris. A clean lens allows for maximum light output.

## 6. TROUBLESHOOTING

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If your PIAA H8 Ion Yellow Performance Bulbs are not functioning as expected, consider the following troubleshooting steps:

- **Bulb Not Lighting Up:**

- Check the electrical connection to the bulb. Ensure it is securely seated.
- Verify that the bulb is correctly installed and locked into its housing.
- Inspect your vehicle's fuse box for a blown fuse related to the fog lights or relevant lighting circuit. Replace if necessary.
- Test the bulb in another compatible socket if available, or test the socket with a known working bulb to determine if the issue is with the bulb or the vehicle's wiring.

- **Dim or Flickering Light:**

- Ensure the electrical connection is clean and free of corrosion.
- Check for proper voltage supply to the bulb.
- A flickering or dim bulb may indicate it is nearing the end of its lifespan and requires replacement.

If issues persist after these steps, it is recommended to consult a qualified automotive technician.

## 7. SPECIFICATIONS

Attribute	Value
Brand	Piaa
Model Number	18535
Item Package Quantity	1 (Pack of 2 bulbs)
Color	PLASMA ION (Yellow)
Auto Part Position	Right (Standard fitment, applies to both sides)
Manufacturer	PIAA
OEM Part Number	18535
UPC	722935185354
Exterior	Yellow
Material	Glass
Size	medium
Mirror Lighting Type	automotive-exterior-fog-light-bulbs
Voltage	12 Volts
Item Weight	90.7 g
ASIN	B002IBFUNG
Date First Available	18 August 2012
Net Quantity	2.0 Count

## 8. WARRANTY AND SUPPORT

The PIAA 18535 H8 Ion Yellow Performance Bulbs are backed by a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets PIAA's quality standards. For warranty claims, technical support, or further inquiries, please contact PIAA customer service through their official website or authorized distributors. Keep your proof of purchase for warranty validation.

*Please refer to the official PIAA website for the most current warranty terms and contact information.*

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This manual is for informational purposes only. PIAA is not responsible for any damage or injury resulting from improper installation or use of this product.