

AKKON 5-HD-JH-CBLZ19-HID-OE-L-R

AKKON Headlight Assembly Instruction Manual

Model: 5-HD-JH-CBLZ19-HID-OE-L-R

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new AKKON replacement projector headlights. These headlights are designed for 2019-2021 Chevrolet Blazer models equipped with Original Equipment (OE) HID (High-Intensity Discharge) headlights. Please ensure your vehicle is an HID model, as these units are not compatible with Halogen headlight systems.

The AKKON projector headlights feature a modern design, providing an improved light pattern compared to traditional crystal headlights. The integrated LED light tubes utilize ultra-bright SMD LED chips for enhanced illumination. These headlights are DOT (Department of Transportation) and SAE (Society of Automotive Engineers) approved, ensuring compliance with safety standards.

They are designed to improve visibility in various weather conditions, including rain, snow, and dense fog.



Image 1: Front view of the AKKON Projector Headlight Pair.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Allow the vehicle's engine and existing lighting components to cool down before handling.
- Keep all tools and small parts away from children.
- If you are unsure about any step of the installation process, consult a qualified automotive professional.

3. PACKAGE CONTENTS

Your AKKON Headlight Assembly package should contain the following items:

- 1x Driver Side Headlight Assembly
- 1x Passenger Side Headlight Assembly

Note: D3S bulbs for low beam and high beam are NOT included and must be purchased separately or transferred from your existing OE HID system.

4. SETUP AND INSTALLATION

Professional installation is highly recommended for this product. No detailed installation guide or instructions are included with the product. The following steps are general guidelines and may vary depending on your specific vehicle configuration.

General Installation Steps:

1. **Prepare the Vehicle:** Park the vehicle on a flat, stable surface. Turn off the engine and engage the parking brake. Disconnect the negative terminal of the vehicle's battery.
2. **Access Headlight Assembly:** Depending on your vehicle model, you may need to remove the front bumper, grille, or fender liners to access the headlight mounting bolts and electrical connectors.
3. **Remove Old Headlight:** Disconnect all electrical connectors from the existing headlight assembly. Carefully unbolt and remove the old headlight unit from the vehicle.
4. **Transfer Components (if applicable):** If your new AKKON headlights did not come with bulbs or other specific components, carefully transfer them from your original OE HID headlight assembly. Ensure D3S bulbs are correctly installed for low and high beams.
5. **Install New Headlight:** Position the new AKKON headlight assembly into the vehicle's headlight opening. Secure it with the appropriate mounting bolts. Do not overtighten.
6. **Connect Wiring:** Reconnect all electrical connectors to the new headlight assembly. Ensure all connections are secure and properly seated.
7. **Test Functionality:** Reconnect the vehicle's battery. Turn on the vehicle's lights (parking lights, low beams, high beams, turn signals) to verify proper operation before reassembling any removed body panels.
8. **Aim Headlights:** After installation, it is crucial to properly aim your headlights to ensure optimal visibility and to avoid blinding oncoming traffic. Refer to your vehicle's service manual or consult a professional for correct headlight aiming procedures.
9. **Reassemble:** Reinstall any removed bumper, grille, or fender liners.



Image 2: Rear view of the headlight assembly, illustrating electrical connections and bulb access points.

5. OPERATING INSTRUCTIONS

The AKKON projector headlights function similarly to your vehicle's original equipment. Control them using your vehicle's standard headlight and turn signal switches.

- **Parking Lights:** Activates the LED light tubes for daytime running light functionality and parking.
- **Low Beam:** Provides standard forward illumination for general driving conditions. The projector lens focuses the light for a clear cut-off.
- **High Beam:** Provides maximum forward illumination for driving in dark areas where no oncoming traffic is present.
- **Turn Signal:** The integrated turn signal illuminates to indicate a turn or lane change.



PROJECTOR DUAL BEAM

Image 3: Detail of the projector dual beam lens, providing focused light output.



Image 4: Detail of the turn signal indicator, designed for clear signaling.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your headlights.

- **Cleaning:** Clean the headlight lenses regularly with a soft cloth and mild automotive soap or glass cleaner. Avoid abrasive cleaners or harsh chemicals that could damage the lens material.
- **Inspection:** Periodically inspect the headlight assemblies for any signs of damage, cracks, or moisture intrusion. Although the units are waterproof, extreme conditions or impacts can compromise seals.
- **Bulb Replacement:** If a D3S bulb fails, replace it with a new D3S HID bulb. Handle HID bulbs with care, avoiding touching the glass with bare hands.
- **Wiring:** Check electrical connections periodically to ensure they remain secure and free from corrosion.

7. TROUBLESHOOTING

If you encounter issues with your AKKON headlights, consider the following common troubleshooting steps:

- **Lights Not Working:**
 - Check all electrical connections to ensure they are securely plugged in.
 - Verify that the D3S bulbs are correctly installed and not burnt out.
 - Inspect vehicle fuses related to the lighting system.
 - Ensure the vehicle's battery is fully charged and properly connected.
- **Dim or Flickering Lights:**
 - This could indicate a failing D3S bulb or ballast. Consider replacing the bulb first.
 - Check for loose or corroded electrical connections.
 - Ensure adequate voltage supply to the headlights.
- **Moisture Inside Lens:**
 - Small amounts of condensation can occur due to temperature changes and usually dissipate.
 - If significant water accumulation or persistent condensation occurs, inspect the housing for cracks or compromised seals. Professional inspection may be required.

For persistent issues or complex problems, it is recommended to seek assistance from a certified automotive technician.

8. SPECIFICATIONS

Feature	Detail
Brand	AKKON
Model Number	5-HD-JH-CBLZ19-HID-OE-L-R
Compatibility	2019-2021 Chevrolet Blazer (OE HID Headlights Model ONLY)
Light Source Type	Low Beam & High Beam: D3S (Bulbs Not Included)
Special Feature	Waterproof
Auto Part Position	Front
Lens Material	Glass
Lens Colour	Clear
Housing Colour	Black
Vehicle Service Type	Car
Model Year (for compatibility)	2019-2021
Parcel Dimensions	55.88 x 43.18 x 35.56 cm
UPC	192744091359
GTIN	192744091359

9. WARRANTY INFORMATION

AKKON products are manufactured to high-quality standards. This product is covered by the manufacturer's standard warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your purchase or contact AKKON customer support.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact AKKON customer support through the retailer where the product was purchased or visit the official AKKON website for contact details.

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