

AlphaRex 880868

AlphaRex 880868 Nova-series Projector Headlights User Manual

Model: 880868

1. INTRODUCTION

Thank you for choosing AlphaRex Nova-series Projector Headlights. This manual provides essential information for the proper installation, operation, and maintenance of your new headlights. These advanced LED projector headlights are designed for optimal visibility and compliance with industry standards, featuring a waterproof construction and durable polycarbonate lenses. Please read this manual thoroughly before proceeding with installation or operation.

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. Failure to follow safety guidelines may result in injury or damage to your vehicle.

- Disconnect the vehicle's battery before beginning any electrical work to prevent electrical shock or short circuits.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- If you are unsure about any step of the installation process, consult a qualified automotive technician.
- Do not modify the headlights or wiring, as this may void the warranty and compromise safety.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. If any items are missing or damaged, contact your retailer or AlphaRex customer support.

- AlphaRex Nova-series Projector Headlight Assembly (Left)
- AlphaRex Nova-series Projector Headlight Assembly (Right)
- Wiring Harnesses (if applicable)
- Installation Hardware (if applicable)

4. SETUP AND INSTALLATION

Professional installation is recommended for optimal performance and safety. The following steps provide a general overview of the installation process.

4.1 Tools Required

- Socket Wrench Set
- Screwdriver Set
- Trim Removal Tools (plastic pry tools)
- Electrical Tape or Heat Shrink Tubing
- Zip Ties

4.2 Installation Steps

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and turn off the engine. Disconnect the negative terminal of the vehicle's battery.
2. **Remove Existing Headlights:** Carefully remove any grille components, fender liners, or trim pieces that obstruct access to the factory headlights. Disconnect the electrical connectors and unbolt the existing headlight assemblies.
3. **Install Nova-series Headlights:** Connect the wiring harness of the new AlphaRex headlights to the vehicle's factory connectors. Ensure all connections are secure. Mount the new headlight assemblies into position and secure them with the factory bolts or provided hardware.
4. **Route Wiring:** Neatly route any excess wiring and secure it with zip ties to prevent interference with moving parts or heat sources.
5. **Reconnect Battery and Test:** Reconnect the negative battery terminal. Turn on the vehicle's lights to test all functions: low beam, high beam, daytime running lights (DRL), and turn signals.
6. **Reassemble:** Reinstall any removed grille components, fender liners, or trim pieces.
7. **Aim Headlights:** Properly aim the headlights according to local regulations and manufacturer guidelines to ensure optimal light distribution and avoid blinding oncoming traffic. This may require professional adjustment.



Image: AlphaRex Nova-series Projector Headlights installed on a white Jeep Wrangler JL. This image illustrates the appearance of the headlights after successful installation.

5. OPERATING INSTRUCTIONS

Your AlphaRex Nova-series Projector Headlights are designed to integrate seamlessly with your vehicle's existing lighting controls.

5.1 Basic Operation

- **Daytime Running Lights (DRL):** The DRL feature will activate automatically when the vehicle is running, providing enhanced visibility during daylight hours.
- **Low Beam:** Activate your vehicle's low beam function using the standard headlight switch. The projector lenses will provide a focused, wide beam pattern for general driving.
- **High Beam:** Engage the high beam function via your vehicle's control stalk. This will activate the high beam projectors for maximum illumination.
- **Turn Signals:** The integrated amber lights will function as turn signals when activated through your vehicle's turn signal stalk.

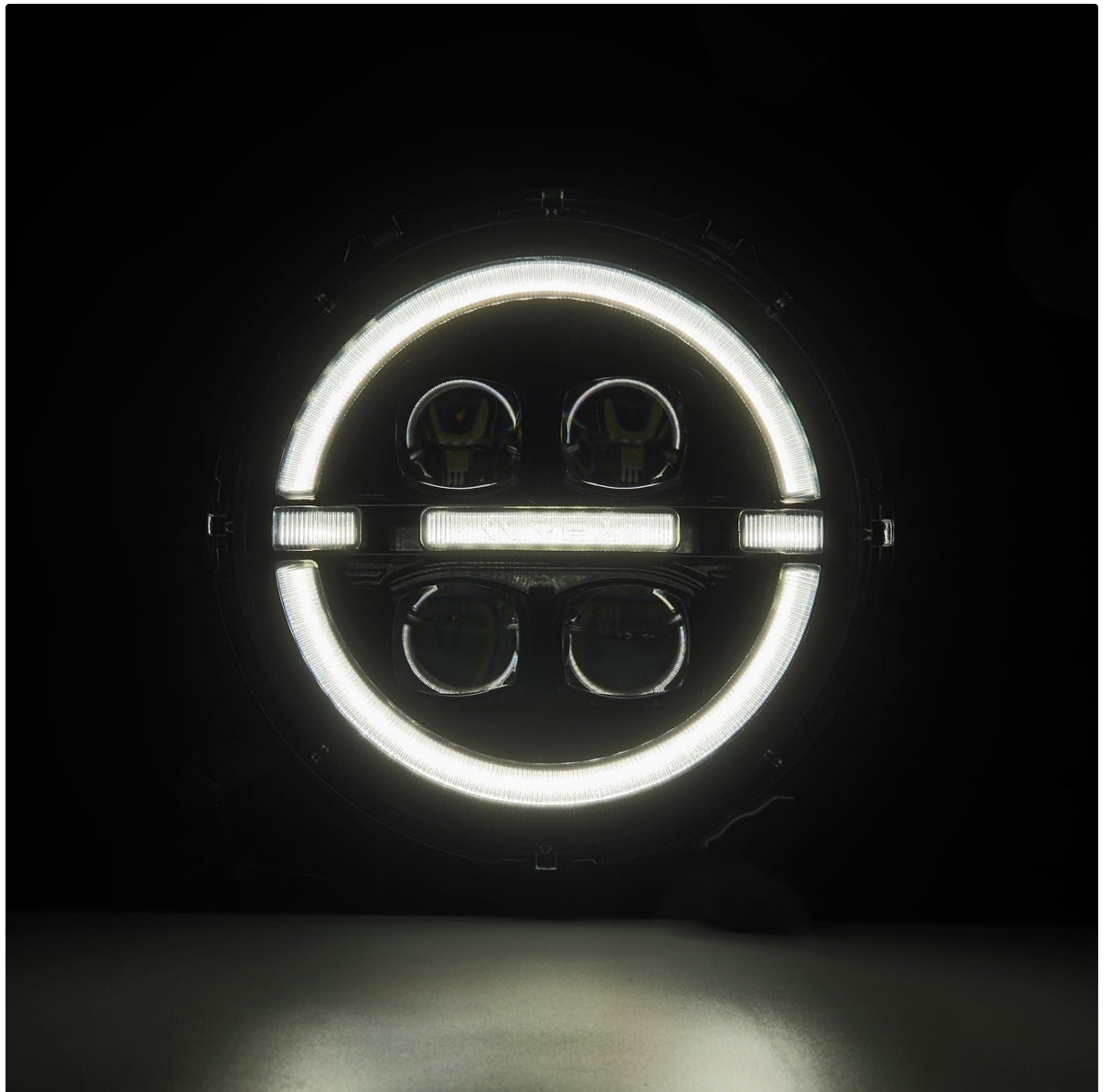


Image: Headlight with the white Daytime Running Light (DRL) ring illuminated.

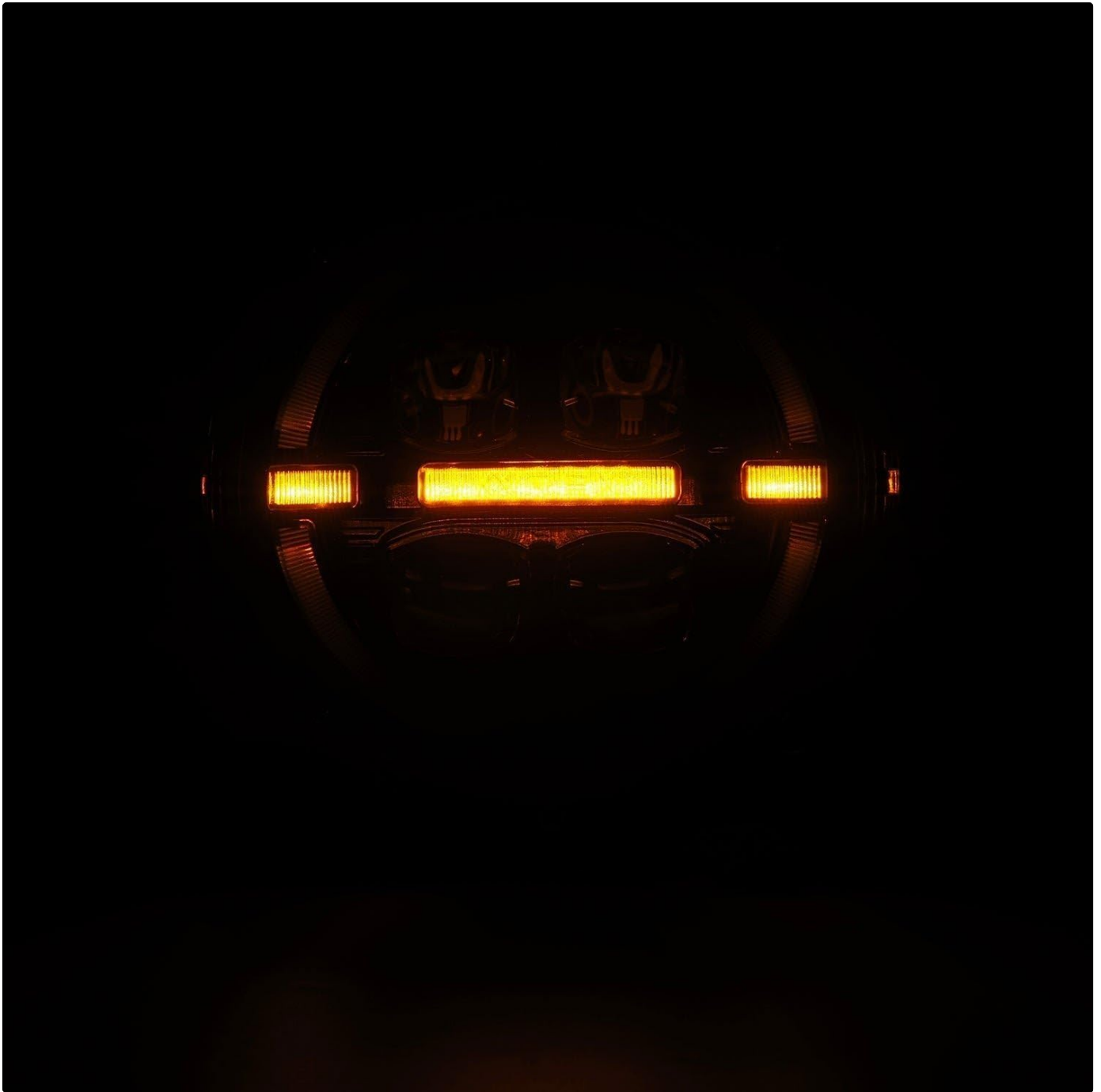


Image: Headlight with the amber turn signal or parking light illuminated.



Image: Headlight with the main high beam projectors illuminated for maximum light output.

6. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your AlphaRex Nova-series Projector Headlights.

- **Cleaning:** Clean the headlight lenses regularly with a soft cloth and mild automotive soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the polycarbonate lens material.
- **Inspection:** Periodically inspect the headlight assemblies for any signs of damage, loose connections, or moisture intrusion. Ensure all mounting points are secure.
- **Care of Exterior Lens:** The manufacturer specifies "Hand Wash Only" for general care. This refers to the exterior cleaning of the lens and housing.

7. TROUBLESHOOTING

If you encounter issues with your headlights, refer to the following troubleshooting guide. For problems not listed here, contact AlphaRex customer support.

- **Headlights Not Functioning:**
 - Check all electrical connections to ensure they are secure and properly seated.
 - Inspect the vehicle's fuses related to the headlights. Replace any blown fuses.
 - Ensure the vehicle's battery is fully charged and properly connected.
- **Flickering Lights:**
 - Verify all wiring connections are tight and free from corrosion.
 - Check for proper grounding.
 - Ensure the vehicle's electrical system is providing stable voltage.
- **Improper Light Aim:**
 - Refer to Section 4.2, Step 7 for headlight aiming instructions. Professional adjustment may be necessary.
 - Ensure the vehicle's suspension is at its normal ride height.
- **Moisture Inside Lens:**
 - Small amounts of condensation can occur due to temperature changes and typically dissipate.
 - If significant water accumulation or persistent condensation occurs, inspect the housing for cracks or improper sealing. Contact support if the issue persists.

8. SPECIFICATIONS

Model Number	880868
Brand	AlphaRex
Light Source	LED
Compatible Vehicle Type	Car (Specifically Jeep Wrangler JL/Gladiator JT)
Lens Material	Polycarbonate
Additional Features	Waterproof
Product Dimensions	23 x 13 x 12 inches
Item Weight	15 Pounds
Color (Housing)	Black
Lens Color	Clear
Assembly Required	No
UPC	810015616697

9. WARRANTY INFORMATION

AlphaRex products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty documentation included with your purchase or visit the official AlphaRex website. Generally, warranties

cover manufacturing defects. Keep your proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact AlphaRex customer support through their official website or the contact information provided with your product packaging. When contacting support, please have your product model number (880868) and proof of purchase readily available.

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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.

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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