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## AXLAHA Ford Ranger Headlight Assembly

# AXLAHA Headlight Assembly Instruction Manual

**Brand:** AXLAHA

**Model:** Ford Ranger Headlight Assembly

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your new AXLAHA Headlight Assembly. Please read this manual thoroughly before installation and use to ensure proper function and safety.

## Product Overview

The AXLAHA Headlight Assembly is designed as a direct replacement for the original headlights on compatible Ford Ranger models. It features a black housing, amber reflector, and clear lens, providing enhanced visibility and a refreshed appearance for your vehicle.



*Image 1.1: AXLAHA Headlight Assembly (Driver and Passenger Side)*

## **Vehicle Compatibility**

- Compatible with 2001-2011 Ford Ranger models.
- High/Low Beam Bulb Type: HB5 (Bulbs are not included).
- Turn Signal Beam Type: 3157A (Bulbs are not included).

## **2. SETUP AND INSTALLATION**

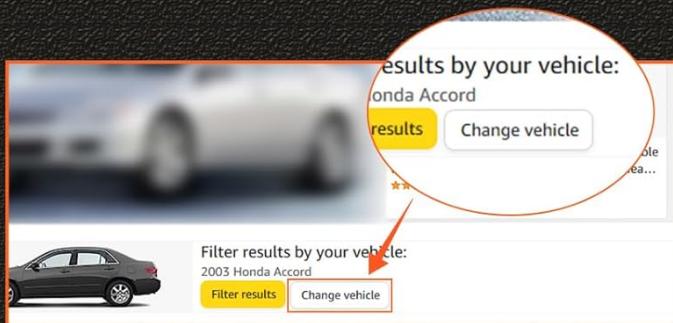
The AXLAHA Headlight Assembly features a plug-and-play design for straightforward installation. No complex techniques or drilling are typically required. It is recommended to have basic automotive repair knowledge or seek professional assistance for installation.

### **Verifying Vehicle Fitment**

Before installation, ensure the headlights are compatible with your specific vehicle model and year. Refer to the following steps for verification:

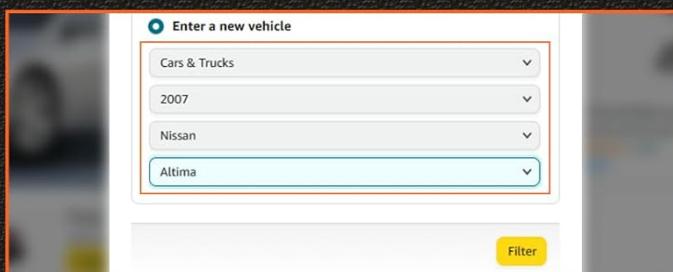
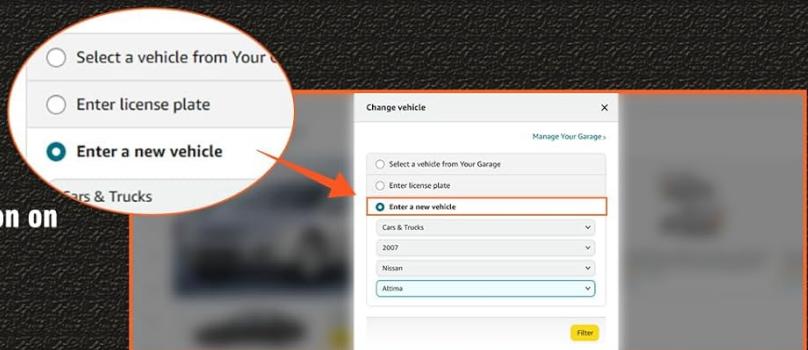
# VEHICLE SPECIFICATION FITMENT CHECK

## DO THESE HEADLIGHTS FIT?



**Step 1:**  
Please find the  
**"Change Vehicle"** option on  
your web.

**Step 2:**  
Please find the  
**"Enter a new vehicle"** option on  
your web.



**Step 3:**  
The next step is very  
important. Please double-check the  
**vehicle model, year and brand name**  
you want to purchase and enter it in the  
appropriate field.

Image 2.1: Guide for verifying vehicle compatibility.

## Installation Steps

- Preparation:** Ensure the vehicle is turned off and the battery is disconnected for safety. Gather necessary tools (e.g., screwdriver, wrench).
- Remove Old Headlights:** Carefully unbolt and disconnect the wiring from the existing headlight assemblies.
- Install New Headlights:** Position the new AXLAHA headlight assembly into the vehicle's housing. Secure it with the appropriate bolts.
- Connect Wiring:** Reconnect the electrical wiring harness to the new headlight assembly. Ensure all connections are secure.
- Test Functionality:** Reconnect the battery and test the high beam, low beam, and turn signal functions before fully reassembling any removed body panels.



Image 2.2: Illustrative image of headlight installation.

### 3. OPERATING INSTRUCTIONS

The AXLAHA Headlight Assembly provides reliable illumination for safe driving. The high-quality reflecting bowls and reflectors are designed to increase brightness, making your vehicle more visible to oncoming traffic.

#### Headlight Components



**Use HB5 High / Low Beam Bulbs**

Bulbs are NOT Included

*Image 3.1: Front view highlighting the Turn Signal Light, High/Low Beam, and Safety Reflector. Note: HB5 bulbs are not included.*

## Adjusting Headlight Beam

The headlight assembly includes an adjuster mechanism, allowing you to fine-tune the light beam direction as needed for optimal visibility and to avoid blinding other drivers. After installation, it is recommended to check and adjust the beam alignment.



*Image 3.2: Detail of the headlight adjuster, indicating vertical adjustment capability.*

## Night Driving Visibility

Properly installed and adjusted headlights significantly improve visibility during night driving, enhancing safety for you and others on the road.



*Image 3.3: Visual representation of improved road illumination with effective headlights.*

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## 4. MAINTENANCE

To ensure the longevity and optimal performance of your AXLAHA Headlight Assembly, follow these maintenance guidelines:

### Weather Resistance

The headlights are designed with an IP65 waterproof level and excellent sealing to prevent water accumulation and ensure reliable operation in various environmental conditions, including rain, snow, and dust.



Rain



Snow



Dust



# WATER PROOF

*Maintain good driving lighting in all weather conditions.*

*Image 4.1: Headlight assembly demonstrating resistance to water, snow, and dust.*

## UV Coating Protection

Each AXLAHA headlight is covered with a UV coating. This coating is crucial for preventing aging, yellowing, and fogging of the lens over time, maintaining clear visibility and the aesthetic appeal of your vehicle.



*Image 4.2: Visual explanation of the UV coating's protective layers.*

## Cleaning

Clean the headlight lenses regularly with a soft cloth and mild soap solution. Avoid abrasive cleaners or harsh chemicals that could damage the UV coating or lens material.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your headlight assembly.

### Common Issues and Solutions

- **Issue: Weak or Scattered Beam Pattern**

**Solution:** This can often be resolved by adjusting the headlight beam. Use the integrated adjuster to fine-tune the light direction. Ensure bulbs are correctly seated and are of the recommended HB5 type. If the issue persists, consider consulting a professional for alignment or checking the bulb quality.

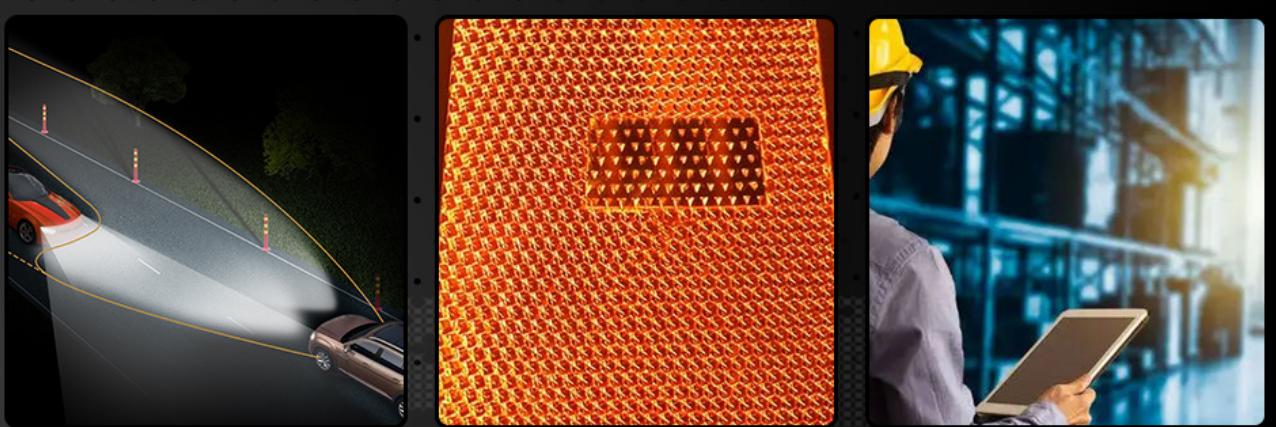
- **Issue: Headlights Not Turning On**

**Solution:** Check all electrical connections to ensure they are secure. Verify that the bulbs are correctly installed and not burnt out. Inspect the vehicle's fuses related to the headlights.

- **Issue: Moisture Inside the Headlight**

**Solution:** While the headlights are IP65 waterproof, minor condensation can sometimes occur due to temperature changes. This usually dissipates on its own. If significant water accumulation occurs, check for proper sealing and ensure the vent caps (if present) are not blocked.

### Frequently Asked Questions



**AXLAHA THREE-LAYER PROTECTION**

- 1. Driving:** AXLAHA headlights have a high lighting range with ultra brightness, making night travels safer.
- 2. Parking:** the reflector is made through high-precision mold core electro-casting and reflects 98% of light, making every move easy to notice.
- 3. Professionalism:** AXLAHA specializes in the field of auto parts. We strive to bring reliable and high-performance products to your car.

*Image 5.1: Common questions and answers about the product.*

- **Q1: Does it come as a pair?**

**A:** Yes, the product typically includes both driver and passenger side headlight assemblies.

- **Q2: Does it come with bulbs?**

**A:** No, bulbs are not included. You will need HB5 bulbs for high/low beam and 3157A bulbs for turn signals.

- **Q3: How to adjust the headlight?**

**A:** After customers receive our product, we will send them a care email with a specific guide to adjust the headlights. Refer to Image 3.2 for the adjuster location.

## 6. SPECIFICATIONS

Feature	Detail
Brand	AXLAHA
Vehicle Service Type	2001-2011 Ford Ranger
Auto Part Position	Front Outside
Color Appearance	Black Housing, Amber Reflector, Clear Lens
High/Low Beam Bulb Type	HB5 (Bulbs Not Included)
Turn Signal Bulb Type	3157A (Bulbs Not Included)
Lens Material	Polycarbonate
Special Features	Dustproof, Waterproof (IP65), UV Coating
Item Weight	5.59 pounds
Package Dimensions	15 x 13.5 x 9.5 inches
Manufacturer Part Number	AX-FRG0001885
OEM Part Numbers	6L5Z 13008 AA, 6L5Z 13008 BA, 5L 6L5Z-15A201BA, 5L 6L5Z-15A201AA
UPC	784529187663



Image 6.1: Visual summary of product description and specifications.

## 7. WARRANTY INFORMATION

AXLAHA stands behind the quality of its products. This headlight assembly comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product performance and durability under normal use.

For any warranty claims or issues, please contact our customer service team with your purchase details.

## 8. CUSTOMER SUPPORT

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Our dedicated after-sales service team is available to assist you with any questions, concerns, or issues you may encounter with your AXLAHA Headlight Assembly. We aim to resolve issues promptly.

### Contact Information

**Customer Service Email:** [info@axlaha.com](mailto:info@axlaha.com) / [service@axlaha.com](mailto:service@axlaha.com)

### Product Video

Watch this video for a detailed look at the 2001-2011 Ford Ranger Headlight Assembly.

Your browser does not support the video tag.

*Video 8.1: Overview of the 2001-2011 Ford Ranger Headlight Assembly by TopAutoGear.*

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