

AXLAHA Tacoma

AXLAHA Headlight Assembly Instruction Manual

For Toyota Tacoma (2012-2015)

1. PRODUCT OVERVIEW

This manual provides instructions for the AXLAHA Headlight Assembly, designed as a direct replacement for 2012, 2013, 2014, and 2015 Toyota Tacoma models. This assembly features a chrome housing with an amber reflector and is compatible with Halogen Headlight Models Only. Bulbs are not included.

The headlights are constructed from high-quality materials, ensuring durability and performance. They are quality tested to meet IP70 waterproof standards, providing reliable operation in various environmental conditions. Special fine chrome plating and reflectors enhance light reflectivity for improved night driving safety. An integrated adjuster allows for beam adjustment as needed.

2. VEHICLE COMPATIBILITY

This headlight assembly is compatible with the following vehicle specifications:

- **Vehicle Service Type:** 2012, 2013, 2014, 2015 Toyota Tacoma
- **OEM Part Numbers:** 8111004181, 8115004181
- **Fitment:** Halogen Headlight Models Only

To ensure proper fitment, verify your vehicle's model year and existing headlight type. For Toyota vehicles, VINs starting with "1", "4", or "5" indicate vehicles assembled in the US. VINs beginning with "2" indicate vehicles assembled in Canada, and VINs that start with "J" were produced in Japan. This product is designed for North American/Canadian built models and does not fit Japan-built models.

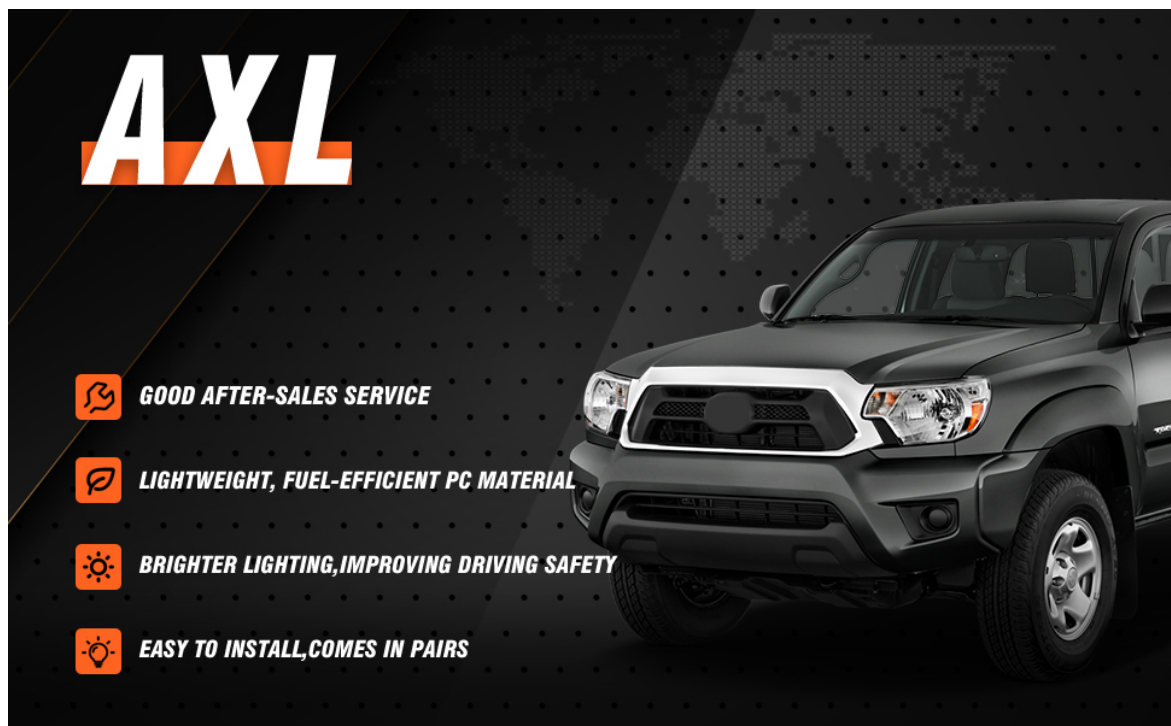


Image: Guide for checking vehicle specifications to ensure proper headlight fitment.



Image: Diagram explaining how to decode a Toyota VIN to determine the vehicle's manufacturing origin.

3. PRODUCT COMPONENTS AND FEATURES

The headlight assembly includes a clear lens, amber reflector, and housing designed for optimal light output and durability. Key features include:

- **Clear Lens:** Provides maximum light transmission.
- **Amber Reflector:** Enhances visibility and safety.
- **High/Low Beam:** Utilizes H4 bulbs (not included).
- **Turn Signal Light:** Uses 4157A bulbs (included).

- **Adjuster:** For precise beam alignment.
- **One-way Vent:** Prevents moisture buildup.
- **Bulb Protective Film:** Added protection for the bulb.

HOW DO I KNOW IF MY TOYOTA IS MADE IN USA OR JAPAN?

Toyota VINs starting with "1", "4", or "5" represent vehicles assembled in the US, VINs beginning with "2" indicate vehicles assembled in Canada, and vehicles with VINs beginning with "3" were assembled in Mexico. Vehicles with VINs that start with "J" were produced in Japan.

{Available on all Toyota vehicles}
 {For NAP (North American/Canadian built) DO NOT FIT Japan built}

WMI			VDS						VIS							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
5	T	F	D	Y	5	F	1	5	B	X	X	X	X	X	X	X
Countries and regions			Vehicle characteristic code						year	Assembly plant		Production number				
Vehicle manufacturing plant									Inspection number							

Image: Detailed view of the front of the headlight assembly, highlighting the clear lens, parking light, turn signal light, high/low beam, and safety reflector.



Description

Bulbs Not Included

Position: Front Outside

Color Appearance: Chrome Housing Amber Reflector Clear Lens

Light Source Type High / Low Beam: H4(Bulbs not included)

 Turn Signal Light: 4157A(Bulbs included)

OE Number: 81150-04173/81110-04173

Image: Detailed view of the rear of the headlight assembly, showing the adjuster, one-way vent, and bulb protective film.

4. SETUP AND INSTALLATION

The AXLAHA Headlight Assembly is designed for a plug-and-play installation, requiring no complicated techniques or drilling. It comes as a pair, including both driver and passenger side assemblies.

Installation Steps:

1. Ensure the vehicle is turned off and the battery is disconnected for safety.
2. Remove the old headlight assembly by unscrewing any mounting bolts and disconnecting electrical connectors.
3. Connect the electrical connectors from the new AXLAHA headlight assembly to the vehicle's wiring harness.
4. Secure the new headlight assembly in place using the original mounting points and hardware.

5. Reconnect the vehicle battery.
6. Test all lighting functions (high beam, low beam, turn signal, parking light) to ensure proper operation.
7. Adjust the headlight beam as necessary (refer to the Operating section).



Image: A person wearing gloves carefully installing a headlight assembly into a vehicle.

Installation Video Resources:

Video: Overview of Dreenfl Headlight Assemblies for 2012-2015 Toyota Tacoma, demonstrating product features and fitment.

Video: Demonstration of Vizotae Headlights with bulbs for 2012-2015 Toyota Tacoma, showcasing lighting functions and quality.

Video: Functional demonstration of JSBOYAT Headlight Assembly, highlighting its operational aspects.

5. OPERATING THE HEADLIGHTS

Once installed, operate your headlights using your vehicle's standard controls. The high/low beam function is controlled by your vehicle's stalk switch. The turn signals and parking lights operate as per your vehicle's original design.

Headlight Beam Adjustment:

The headlight assembly includes an adjuster to fine-tune the beam direction. Proper adjustment ensures optimal visibility without blinding oncoming traffic. Locate the adjuster screw on the back of the headlight housing (refer to 'Back Details' image in Section 3). Use a screwdriver to turn the adjuster to raise or lower the beam as required. It is recommended to perform this adjustment on a level surface, facing a wall, following local regulations for headlight aiming.



Image: Close-up of the headlight adjuster screw, indicating vertical adjustment capability.



Image: Comparison of road visibility at night with properly functioning headlights versus poor lighting.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AXLAHA Headlight Assembly, regular maintenance is recommended.

- **Cleaning:** Regularly clean the outer lens with a soft cloth and mild soap solution to remove dirt and debris. Avoid abrasive cleaners that can damage the UV coating.
- **Inspection:** Periodically inspect the headlight assembly for any signs of damage, cracks, or moisture intrusion. The IP70 waterproof rating helps prevent water accumulation, but extreme conditions or physical damage can compromise this.
- **Bulb Replacement:** If a bulb burns out, replace it promptly with the correct type (H4 for high/low beam, 4157A for turn signal). Ensure the vehicle is off and cool before handling bulbs.



Image: Illustration demonstrating the waterproof capabilities of the headlight assembly against rain, snow, and dust.



Image: Visual explanation of the UV coating's role in preventing yellowing and cracking of the headlight lens.

7. TROUBLESHOOTING

If you encounter issues with your headlight assembly, consider the following common troubleshooting steps:

- **Headlight Not Working:** Check the bulb for damage or burnout. Verify electrical connections are secure. Inspect the vehicle's fuse box for a blown headlight fuse.
- **Dim Lighting:** Ensure the correct wattage bulbs are installed. Check for any haze or dirt on the lens that might be obstructing light output.
- **Condensation Inside Lens:** Small amounts of condensation can occur due to temperature changes and typically dissipate. If excessive or persistent, ensure the one-way vent is clear and not blocked. Check for cracks in the housing or seal.
- **Improper Beam Pattern:** Use the integrated adjuster to correct the beam alignment. If the issue persists, ensure the headlight assembly is securely mounted.

For persistent issues or complex problems, it is recommended to consult a professional automotive technician.

8. SPECIFICATIONS

Specification	Detail
Brand	AXLAHA
Color	Chrome Housing Amber Reflector
Specific Uses For Product	Head Lights
Vehicle Service Type	2012 2013 2014 2015 Toyota Tacoma
Special Feature	Dustproof, Waterproof
Wattage	60 watts
Auto Part Position	Front Outside
Lens Color	Clear
Lens Material	Polycarbonate
UPC	784529187793
OEM Part Number	8111004181, 8115004181
Item Model Number	Tacoma
Manufacturer Part Number	AX-TTA0012885
Light Source Type	H4 (Bulbs are not included)
Voltage	12 Volts

9. WARRANTY AND SUPPORT

AXLAHA products come with a 2-year warranty, ensuring peace of mind regarding product quality and performance. Our dedicated after-sales service team is available to assist with any issues or questions you may have after purchasing our products.

Contact Support:

For any inquiries or support needs, please contact us via email:

Customer Service Email: info@axlaha.com / service@axlaha.com



Image: Graphic detailing AXLAHA's commitment to lifetime service and a 1-year warranty.