

[Manuals.plus](#) /

› [AKKON](#) /

› AKKON Full LED Headlights for 2016-2023 Toyota Tacoma SR/SR5 User Manual

AKKON 9-P1TTAS16LBK

AKKON Full LED Headlights User Manual

Model: 9-P1TTAS16LBK

For 2016-2023 Toyota Tacoma SR/SR5 Models

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your AKKON Full LED Sequential Retrofit Projector Black Headlights Assemblies. Please read this manual thoroughly before proceeding with installation or use to ensure proper function and safety.



Image: AKKON Full LED Headlights installed on a white Toyota Tacoma. The headlights feature bright LED daytime running lights and a modern design, enhancing the vehicle's front appearance.

VEHICLE COMPATIBILITY

These AKKON Full LED Headlights are designed for specific Toyota Tacoma models:

- **Fits:** 2016-2023 Toyota Tacoma SR Models
- **Fits:** 2016-2023 Toyota Tacoma SR5 Models
- **Does Not Fit:** Toyota Tacoma Limited Models
- **Does Not Fit:** Toyota Tacoma TRD Models

Verify your vehicle's trim level and year before attempting installation.

SETUP AND INSTALLATION

Professional installation is highly recommended for this product.

This product does not include a detailed installation guide or instructions. Installation may require advanced

automotive electrical knowledge and tools. Wiring modifications might be necessary for the halo and LED connections. Consult with a local professional mechanic if you are not experienced with automotive electrical systems.

Key Installation Considerations:

- **Front End Disassembly:** Installation typically requires removal of the front grille and potentially other components to access headlight mounting screws.
- **Wiring:** The headlights are not always a direct 'plug and play' solution. Splicing and tapping into existing vehicle wiring may be required, particularly for the sequential turn signals and daytime running lights (DRLs).
- **Harnesses and Connectors:** Ensure all provided harnesses and connectors are correctly identified and connected.
- **Adjustment:** After installation, the headlight beam patterns (low and high beams) will need to be adjusted for proper alignment and road visibility.



SAE
INTERNATIONAL
DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA
Certified DOT SAE Compliant



Image: Rear view of AKKON LED Headlight assembly. This image displays the complex wiring and connectors at the back of the headlight unit, indicating the need for careful electrical connections during installation.



Image: Wiring harness for AKKON LED Headlights. This component is essential for connecting the new headlights to the vehicle's electrical system.



Image: Electrical splice connectors. These connectors may be used to integrate the headlight's wiring with the vehicle's existing electrical system.

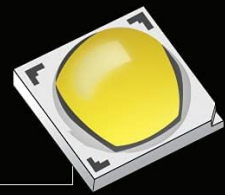
OPERATING FEATURES

The AKKON Full LED Headlights offer advanced lighting features for improved visibility and vehicle aesthetics.

Daytime Running Lights (DRL)

These headlights are equipped with full LED Daytime Running Lights. DRLs illuminate during daylight hours, increasing vehicle visibility to other drivers and pedestrians, thereby enhancing safety.

DAYTIME RUNNING LIGHTS



LED / DRL Technology

Vehicles with dedicated Daytime Running Lights (DRLs) illuminated during daylight hours reduce the chances of a collision and improve safety.

Image: Close-up of AKKON LED Headlight with illuminated Daytime Running Lights. The bright white LED strip provides enhanced visibility during the day.

Sequential Turn Signals

The integrated LED turn signals feature a sequential illumination pattern, providing a distinct and modern indication of your turning intentions.

LED TURN SIGNAL



LED Turn Signal

The LED DRL cluster dual functions as a turn signal as illustrated above. LED's run cooler, last longer and use less energy than typical incandescent bulbs making them ideal for automotive applications.

Image: Close-up of AKKON LED Headlight with illuminated sequential turn signal. The amber LEDs light up in a flowing pattern, indicating a turn.

Projector Low Beam

The headlights feature a projector lens for the low beam, which provides a focused and precise light pattern, reducing glare for oncoming traffic while effectively illuminating the road ahead.



Image: Close-up of AKKON LED Headlight projector low beam. This shows the clear projector lens designed to provide a sharp cutoff and even light distribution.

LED High Beam

The high beam function utilizes powerful LEDs to provide maximum illumination for driving in low-light conditions or on unlit roads.



Image: Close-up of AKKON LED Headlight LED high beam. This view highlights the dedicated LED array for the high beam, designed for powerful, long-range illumination.

Beam Pattern Comparison

The new projector headlight design provides a superior light pattern compared to traditional crystal headlights, offering better light distribution and clarity.



Image: Comparison of stock headlight beam patterns versus AKKON LED headlight beam patterns for low and high beams. This visual demonstrates the improved light output and pattern of the AKKON headlights.

MAINTENANCE

To ensure the longevity and optimal performance of your AKKON LED Headlights, follow these general maintenance guidelines:

- **Regular Cleaning:** Clean the headlight lenses regularly with a soft cloth and mild automotive-approved cleaner. Avoid abrasive materials or harsh chemicals that could scratch or damage the polycarbonate lens material.
- **Inspect Wiring:** Periodically check all wiring connections for signs of wear, corrosion, or looseness. Ensure all connections remain secure.
- **Beam Alignment:** If you notice a change in light projection or reduced visibility, have the headlight beam alignment checked by a qualified technician.
- **Damage Inspection:** Inspect the headlight assemblies for any cracks, moisture intrusion, or physical damage, especially after impacts or extreme weather conditions.

TROUBLESHOOTING

If you encounter issues with your AKKON LED Headlights, consider the following common problems and solutions:

- **Headlight Not Powering On (Low/High Beam):**
 - Check all electrical connections, including the main power harness and any spliced wires, for secure contact.
 - Verify that the vehicle's fuses related to the headlights are intact and not blown.
 - Ensure the control box (if applicable) is properly connected and functioning.
- **DRL or Sequential Signal Not Working/Matching:**
 - Re-check the specific wiring connections for the DRLs and sequential signals. Incorrect splicing or loose connections are common causes.
 - Confirm that the correct positive wire on the turn signal was used for splicing, as per installation requirements.
- **Moisture Inside Headlight:**
 - Small amounts of condensation can occur due to temperature changes and typically dissipate.
 - If significant moisture or water accumulation is present, inspect the housing for cracks or improperly sealed areas. Professional inspection may be required.

For persistent issues, it is recommended to consult with a professional automotive technician or contact AKKON customer support.

SPECIFICATIONS

Feature	Detail
Brand	AKKON
Model Number	9-P1TTAS16LBK

Feature	Detail
Color	Black Housing
Specific Uses For Product	Head Lights
Vehicle Service Type	Car
Compatible Years	2016-2023
Special Feature	High Beam, Sequential Signal, Welcome Light Design
Wattage	15 watts
Auto Part Position	Front
Lens Color	Clear
Lens Material	Polycarbonate
UPC	192744059809
Assembly Required	Yes
Automotive Fit Type	Vehicle Specific Fit
DOT & SAE Approved	Yes

WARRANTY INFORMATION

Specific warranty details for AKKON products are typically provided at the point of purchase or directly by the manufacturer. Please retain your proof of purchase. For information regarding warranty coverage, terms, and conditions, please refer to the documentation included with your product or contact AKKON customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your AKKON Full LED Headlights, please contact AKKON directly.

You can visit the official AKKON store for contact information and additional resources:[AKKON Store on Amazon](#)