

## LBAXSXP 81536-15120

# LBAXSXP 81536-15120 LR4B 12V LED Brake Taillight Module User Manual

Model: 81536-15120 | Brand: LBAXSXP

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your LBAXSXP 81536-15120 LR4B 12V LED Brake Taillight Module. Please read this manual thoroughly before installation and retain it for future reference. This module is designed for specific Toyota Corolla models, ensuring compatibility and optimal performance.

## PRODUCT OVERVIEW

The LBAXSXP 81536-15120 LR4B LED Brake Taillight Module is a high-quality replacement component designed to restore or upgrade your vehicle's rear lighting system. It features advanced LED technology for enhanced visibility and durability.

### Key Features:

- **High Brightness:** Provides superior illumination for improved road safety.
- **Energy Efficiency:** Reduces power consumption compared to traditional bulbs.
- **Integrated Protection:** Includes over-temperature, over-current, and short-circuit protection for reliable operation.
- **Constant Output:** Maintains consistent lamp power for stable lighting performance.
- **Automatic Protection:** Enhances overall system reliability.



*Image 1: Front view of the LED module, highlighting the light-emitting diodes and internal circuitry.*



*Image 2: Angled front view of the module, providing a perspective of the LED array and its protective housing.*

## SAFETY INFORMATION

---

Always prioritize safety when working on your vehicle's electrical system. Failure to follow these guidelines may result in injury or damage to the product or vehicle.

- **Disconnect Power:** Before beginning any installation, ensure the vehicle's battery is disconnected to prevent electrical shock or short circuits.
- **Proper Tools:** Use appropriate tools for the job to avoid damaging components.
- **Professional Installation:** If you are unsure about any step, seek assistance from a qualified automotive technician.
- **Handle with Care:** The LED module contains sensitive electronic components. Avoid dropping or subjecting it to excessive force.

## INSTALLATION INSTRUCTIONS

---

This section outlines the general steps for installing the LBAXSXP 81536-15120 LED Brake Taillight Module. Specific vehicle disassembly procedures may vary. Refer to your vehicle's service manual for detailed instructions on accessing the taillight assembly.

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and turn off the ignition. Disconnect the negative terminal of the vehicle's battery.
2. **Access Taillight Assembly:** Locate and remove the necessary fasteners (screws, clips) to access the rear of the taillight assembly. This may involve removing interior trim panels or accessing from the exterior.
3. **Remove Old Module/Bulb:** Carefully disconnect the electrical connector from the existing taillight module or bulb socket. Twist or unclip the old module/bulb from its housing.
4. **Install New Module:** Align the LBAXSXP 81536-15120 LED Brake Taillight Module with the opening in the taillight housing. Gently push and twist (if applicable) until it is securely seated. Ensure the module is oriented correctly.
5. **Connect Electrical:** Reconnect the electrical connector to the new LED module. Ensure a firm and secure connection.
6. **Test Functionality:** Before reassembling the taillight, reconnect the vehicle's battery. Turn on the vehicle's ignition and test the brake lights, running lights, and turn signals to confirm proper operation of the new module.
7. **Reassemble:** Once confirmed operational, reassemble the taillight assembly and any removed trim panels. Secure all fasteners.



*Image 3: Rear view of the module, illustrating the integrated electrical connector for vehicle wiring.*



*Image 4: Side profile of the module, showing the heat dissipation fins designed to maintain optimal operating temperature.*

## OPERATING INSTRUCTIONS

---

The LBAXSP 81536-15120 LED Brake Taillight Module operates automatically in conjunction with your vehicle's existing lighting system. Once correctly installed, it will function as follows:

- **Brake Lights:** Illuminates when the brake pedal is pressed.
- **Running Lights:** Illuminates when the vehicle's headlights or parking lights are activated (if applicable to the specific taillight function).
- **Turn Signals:** Flashes when the turn signal lever is engaged (if applicable to the specific taillight function).

No user intervention is required for the module's operation after proper installation.

## MAINTENANCE

---

The LBAXSXP 81536-15120 LED Brake Taillight Module is designed for long-term, maintenance-free operation. However, periodic inspection can help ensure continued performance.

- **Visual Inspection:** Periodically check the taillight for any signs of damage, cracks, or moisture ingress.
- **Cleaning:** If the exterior lens of the taillight becomes dirty, clean it with a soft cloth and mild automotive cleaning solution. Avoid abrasive cleaners.
- **Connection Check:** If experiencing intermittent issues, ensure the electrical connector is securely attached to the module.

## TROUBLESHOOTING

If you encounter issues with your LED Brake Taillight Module, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Module does not light up.	<ul style="list-style-type: none"><li>• Loose electrical connection.</li><li>• Blown fuse in vehicle's electrical system.</li><li>• Incorrect installation.</li><li>• Module failure.</li></ul>	<ul style="list-style-type: none"><li>• Check and secure the electrical connector.</li><li>• Inspect vehicle's fuse box and replace any blown fuses.</li><li>• Review installation steps; ensure correct orientation and seating.</li><li>• Contact customer support if other solutions fail.</li></ul>
Intermittent operation.	<ul style="list-style-type: none"><li>• Loose connection.</li><li>• Corrosion on terminals.</li></ul>	<ul style="list-style-type: none"><li>• Ensure connector is fully seated and secure.</li><li>• Clean electrical terminals if corrosion is present.</li></ul>
Other vehicle lights affected.	<ul style="list-style-type: none"><li>• Incorrect wiring or short circuit.</li></ul>	<ul style="list-style-type: none"><li>• Immediately disconnect the module and consult a professional technician.</li></ul>

## SPECIFICATIONS

<b>Brand</b>	LBAXSXP
<b>Model Number</b>	81536-15120
<b>Manufacturer Part Number</b>	81536-15120
<b>Item Type</b>	LED Brake Taillight Module
<b>Wattage</b>	12 watts
<b>Vehicle Service Type</b>	Car
<b>Auto Part Position</b>	Rear
<b>Lens Material</b>	Polycarbonate
<b>Item Weight</b>	1.76 ounces
<b>Package Dimensions</b>	1.18 x 0.79 x 0.39 inches

## WARRANTY AND SUPPORT

---

For warranty information or technical support regarding your LBAXSXP 81536-15120 LED Brake Taillight Module, please refer to the purchase documentation or contact the seller directly. Ensure you have your purchase details and the product model number available when contacting support.

For general inquiries, you may also visit the manufacturer's website (if available) or consult online automotive forums for community-based assistance.