

## Toyota 86151-90K01

# Toyota Genuine Speaker Box 86151-90K01 Instruction Manual

Model: 86151-90K01

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Toyota Genuine Speaker Box, part number 86151-90K01. Please read this manual thoroughly before installation to ensure correct procedure and optimal performance. Retain this manual for future reference.



Image 1: Toyota Genuine Speaker Box, part number 86151-90K01. This image displays the product's brand 'TOYOTA' and its specific part number '86151-90K01' along with Japanese text indicating 'Toyota Genuine Parts Replacement Part'.

## 2. COMPATIBILITY

This Toyota Genuine Speaker Box (86151-90K01) is designed for specific Toyota Land Cruiser models. Verify your vehicle's compatibility before proceeding with installation.

- **Compatible Models:** Land Cruiser S/T H/T
- **Specific Model Codes:** HZJ73, HZJ74, KZJ71, KZJ78, LJ71, LJ78
- **Compatible Years:** From October 1985 onwards

*Note:* Vehicle specifications may vary by region and year. Always consult your vehicle's service manual or a certified Toyota technician to confirm compatibility.

### 3. SAFETY INFORMATION

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Observe the following safety precautions to prevent injury or damage to the product and vehicle:

- Always disconnect the vehicle's battery negative terminal before beginning any electrical work.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Do not modify the speaker box or its components. Use only genuine Toyota parts for replacement.
- If you are unsure about any step of the installation process, seek assistance from a qualified professional.

### 4. PACKAGE CONTENTS

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Upon opening the package, verify that all components are present and undamaged. The package should contain:

- Toyota Genuine Speaker Box (Part No. 86151-90K01)
- Mounting hardware (screws, clips, etc. - *may vary based on specific vehicle application*)
- This instruction manual

If any items are missing or damaged, contact your authorized Toyota dealer or the seller immediately.

### 5. SETUP AND INSTALLATION

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This section outlines the general steps for installing the speaker box. Specific vehicle disassembly and reassembly procedures are not covered here and should be referenced in your vehicle's service manual.

#### 5.1. Required Tools

- Screwdrivers (Phillips and flathead)
- Socket wrench set
- Wire strippers/crimpers
- Electrical tape or heat shrink tubing
- Trim removal tools (plastic pry tools)

#### 5.2. Preparation

1. Park the vehicle on a level surface and engage the parking brake.
2. Turn off the ignition and remove the key.
3. Disconnect the negative (-) terminal of the vehicle's battery to prevent electrical shorts.
4. Carefully remove any interior trim panels or existing speaker grilles as required to access the speaker mounting location. Refer to your vehicle's service manual for precise instructions.

#### 5.3. Speaker Box Installation

1. Position the new Toyota Genuine Speaker Box into the designated mounting location.
2. Align the mounting holes on the speaker box with the corresponding holes in the vehicle's chassis or panel.
3. Secure the speaker box using the provided mounting hardware. Do not overtighten screws, as this may damage the speaker box or vehicle panels.

### 5.4. Wiring Connections

1. Connect the speaker wires from the vehicle's audio system to the terminals on the speaker box. Ensure correct polarity (positive to positive, negative to negative). Incorrect polarity can affect sound quality.
2. If necessary, use wire connectors or solder connections and insulate them properly with electrical tape or heat shrink tubing.
3. Ensure all wiring is routed safely, away from moving parts, sharp edges, and heat sources.

### 5.5. Final Steps

1. Before reassembling interior trim, temporarily reconnect the vehicle battery and test the audio system to ensure the new speaker is functioning correctly.
2. Once confirmed, disconnect the battery again.
3. Reinstall all removed trim panels and grilles in reverse order of removal.
4. Reconnect the vehicle battery negative terminal.

## 6. OPERATING INSTRUCTIONS

Once installed, the Toyota Genuine Speaker Box operates as part of your vehicle's audio system. No specific user interaction is required for the speaker box itself.

- Turn on your vehicle's audio head unit.
- Adjust volume, balance, and fade settings as desired through your head unit controls.
- Ensure audio settings are optimized for clear sound reproduction.

Refer to your vehicle's audio system manual for detailed operating instructions of the head unit.

## 7. MAINTENANCE AND CARE

The Toyota Genuine Speaker Box is designed for durability and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker grille and surrounding areas. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture, which can damage the speaker components.
- **Inspection:** Periodically check the speaker mounting for any looseness. Ensure all wiring connections remain secure.
- **Environmental Factors:** Protect the speaker from extreme temperatures, direct sunlight for prolonged periods, and excessive moisture.

## 8. TROUBLESHOOTING

If you experience issues with your speaker box, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from speaker	<ul style="list-style-type: none"><li>• Loose or incorrect wiring connection</li><li>• Vehicle audio system issue</li><li>• Speaker damage</li></ul>	<ul style="list-style-type: none"><li>• Check all wiring connections for security and correct polarity.</li><li>• Verify other speakers in the vehicle are working. Consult audio system manual.</li><li>• Inspect speaker for visible damage. If damaged, replacement may be necessary.</li></ul>
Distorted or poor sound quality	<ul style="list-style-type: none"><li>• Incorrect wiring polarity</li><li>• Loose mounting</li><li>• Audio settings (bass/treble)</li><li>• Speaker damage</li></ul>	<ul style="list-style-type: none"><li>• Verify correct wiring polarity.</li><li>• Ensure speaker box is securely mounted.</li><li>• Adjust audio settings on your head unit.</li><li>• Inspect speaker for damage.</li></ul>
Intermittent sound	<ul style="list-style-type: none"><li>• Loose wiring connection</li><li>• Faulty audio source</li></ul>	<ul style="list-style-type: none"><li>• Check and secure all wiring connections.</li><li>• Test with a different audio source or media.</li></ul>

If the problem persists after attempting these solutions, contact a qualified automotive audio technician or your authorized Toyota dealer for further assistance.

## 9. SPECIFICATIONS

Key specifications for the Toyota Genuine Speaker Box 86151-90K01:

- **Part Number:** 86151-90K01
- **Brand:** Toyota
- **Manufacturer:** TOYOTA
- **Item Weight:** 10.6 ounces (approximately 300 grams)
- **Package Dimensions:** 7.87 x 7.87 x 7.87 inches (approximately 20 x 20 x 20 cm)
- **Compatible Vehicle Type:** Land Cruiser S/T H/T (HZJ73, HZJ74, KZJ71, KZJ78, LJ71, LJ78)
- **Date First Available:** March 27, 2024

## 10. WARRANTY AND SUPPORT

As a genuine Toyota part, this speaker box is typically covered by Toyota's standard parts warranty. The duration and terms of the warranty may vary based on your region and the purchase conditions. Please retain your proof of purchase.

- For specific warranty details, refer to the warranty information provided at the time of purchase or contact your authorized Toyota dealer.
- For technical support or assistance with installation, it is recommended to contact an authorized Toyota service center or a qualified automotive audio specialist.

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