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ZHONGYU 55904-60190

ZHONGYU 55904-60190 Air Conditioning Rear Control Switch AC Knob User Manual

Compatible with Land Cruiser Prado LC150 (2010-2017)

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the ZHONGYU 55904-60190 Air Conditioning Rear Control Switch AC Knob. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. Product Overview

The ZHONGYU 55904-60190 is a direct replacement air conditioning rear control switch knob designed for specific vehicle models. It is constructed from durable ABS plastic for reliable performance.



Figure 2.1: Front view of the ZHONGYU 55904-60190 AC Rear Control Switch Knob, showing the 'REAR' label and control surface.



Figure 2.2: Two variants of the AC control knob, illustrating different function labels ('REAR' and 'AUTO').

3. Specifications

Part Number	55904-60190, 5590460190
Type Name	Car Dashboard A/C Air Conditioner Conditioning Knob Switch Button
Fitment Type	Direct Replacement Install
Placement on Vehicle	Center Console Front Right
Material	Plastic (ABS)
Compatible Vehicles	L-and C-ruiser P-rado LC150 (2010-2017)
Package Dimensions	1.18 x 0.79 x 0.39 inches

Item Weight	1.76 ounces

4. Installation / Setup

This AC control knob is designed for direct replacement installation. No modifications to the vehicle's existing wiring or dashboard are typically required. It replaces the original knob in the center console, front right position.

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical issues during installation.
2. **Access:** Carefully remove any surrounding trim panels or components that obstruct access to the existing AC control knob. Refer to your vehicle's service manual for specific instructions on trim removal.
3. **Removal of Old Knob:** Gently pull or pry the old AC control knob from its housing. Be careful not to damage the underlying electrical connections or dashboard components.
4. **Installation of New Knob:** Align the new ZHONGYU 55904-60190 knob with the corresponding shaft or receptacle. Press firmly until it clicks securely into place. Ensure it rotates smoothly and engages properly.
5. **Reassembly:** Reinstall any removed trim panels or components in reverse order.
6. **Testing:** Reconnect the vehicle battery. Turn on the ignition and test the functionality of the new AC control knob to ensure it operates correctly.



Figure 4.1: Illustration of the AC control knob's typical location within a vehicle's center console, indicated by a red arrow.



Figure 4.2: Underside view of the control knob, detailing its internal structure and gear mechanism for proper fitment.

5. Operating Instructions

The ZHONGYU 55904-60190 AC control knob functions identically to the original equipment part it replaces. Its primary purpose is to adjust the air conditioning settings for the rear cabin, such as temperature or fan speed, depending on the specific vehicle's HVAC system configuration.

- **Rotation:** Rotate the knob clockwise or counter-clockwise to increase or decrease the desired setting (e.g., temperature, fan speed).
- **Press Function:** If the knob has a push-button function (e.g., 'REAR' or 'AUTO'), press it to toggle specific modes or activate/deactivate the rear AC system. Refer to your vehicle's owner's manual for detailed information on specific functions.

6. Maintenance

The AC control knob requires minimal maintenance. Regular cleaning can help maintain its appearance and functionality.

- **Cleaning:** Use a soft, damp cloth to wipe the surface of the knob. Avoid abrasive cleaners or solvents, as these can damage the plastic material or printed labels.
- **Inspection:** Periodically check the knob for any signs of wear, looseness, or damage. If the knob becomes loose or difficult to turn, inspect the underlying mechanism for obstructions or damage.

7. Troubleshooting

If you experience issues with the AC control knob, consider the following troubleshooting steps:

- **Knob Not Responding:**
  - Ensure the knob is securely seated on its shaft.
  - Check the vehicle's fuses related to the HVAC system.
  - Verify that the vehicle's AC system is powered on and functioning otherwise.
- **Knob Feels Loose:**
  - Remove the knob and re-install it, ensuring it clicks firmly into place.
  - Inspect the internal shaft for damage or wear.
- **Difficulty Turning:**
  - Check for any debris or foreign objects obstructing the knob's rotation.
  - Ensure the knob is correctly aligned and not binding against the dashboard trim.

If problems persist after attempting these steps, it is recommended to consult a qualified automotive technician.

8. Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the seller's policies or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

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