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Shkalacar JCD3574764932381WM

Shkalacar Keyless Entry System with Two 3-Button Remotes

Model: JCD3574764932381WM

INTRODUCTION

This manual provides detailed instructions for the installation and operation of the Shkalacar Keyless Entry System. This system allows for remote locking and unlocking of your vehicle, includes a trunk release function, and features a car finding alert. It is designed for universal compatibility with various car models.

PACKAGE CONTENTS

Please verify that all components listed below are present in your package before beginning installation.

- 1 x Control Box
- 2 x 3-Button Remote Controllers
- 4 x Door Lock Actuators
- 1 x Wiring Harness
- 1 x Set of Installation Accessories (brackets, rods, screws, connectors)
- 1 x English User Manual (this document)



Image: Overview of the Shkalacar Keyless Entry System components, including the control box, two remote controllers, four door lock actuators, wiring harness, and various installation accessories.



Image: All components of the keyless entry system spread out, showing the control unit, remote fobs, door lock actuators, wiring, and mounting hardware.

SPECIFICATIONS

| Feature | Specification |
|--------------------------|--------------------------|
| Control Box Size | Approx. 9 x 6 x 2.5 cm |
| Remote Controller Size | Approx. 6 x 3.4 x 0.8 cm |
| Operating Voltage | 12V \pm 2V (DC) |
| Static Current | \leq 15mA |
| Indicator Current | 20mA |
| Shock Sensor Current | <1mA |
| Frequency | 433.92MHz |
| Remote Distance (Max.) | Approx. 50-80 meters |
| Item Weight | 2.32 pounds |
| Manufacturer Part Number | JCD3574764932381WM |

SETUP AND INSTALLATION

Warning: Installation of this keyless entry system requires knowledge of automotive electrical systems. Incorrect installation can damage your vehicle's electrical components or the keyless entry system itself. Professional installation is highly recommended.

Wiring Diagram

Refer to the following wiring diagram for proper connection of the control box to your vehicle's electrical system and door lock actuators.



Image: Comprehensive wiring diagram illustrating connections for the control box, battery, door lock actuators (master and slave), siren, direction lights, and trunk release.

Wiring Connections Overview:

- **Power Supply:** Connect the RED wire to the vehicle's positive (+) battery terminal and the BLACK wire to a reliable ground (-).
- **Door Lock Actuators:** The system includes four door lock actuators. Connect them according to the diagram. The diagram shows connections for a "master motor" (typically driver's door) and "poster motor" (passenger doors). Ensure correct polarity for lock/unlock functions.
 - Master Motor: White, Brown, Green, Blue, Black wires.
 - Poster Motors (x3): White, Brown, Green, Blue, Black wires.
- **Direction Lights:** Connect the GREEN and BLUE wires from the control box to your vehicle's turn signal wires. This enables flashing alerts.

- **Trunk Release:** The ORANGE wire is for the trunk release function. Connect it to your vehicle's trunk release solenoid or switch, ensuring it matches the required polarity (+/-).
- **Siren (Optional):** Connect the siren to the designated output if you wish to use an audible alarm.
- **LED Indicator:** Connect the LED to the designated output for visual status indication.
- **Learning Button:** This button is used for pairing new remote controllers.

Door Lock Actuator Installation:

The door lock actuators convert your manual door locks into power locks. Each actuator should be mounted inside the door panel, connected to the existing door lock rod using the provided brackets and rods. Ensure the actuator has a full range of motion without obstruction. Test the mechanical movement before making electrical connections.



Image: Close-up view of the multi-pin connector on the control box, where the wiring harness plugs in.

OPERATING INSTRUCTIONS

Once installed, the Shkalacar Keyless Entry System provides convenient remote control over your vehicle's locking functions.

- **Locking the Vehicle:** Press the **Lock** button on the remote controller. The vehicle doors will lock, and the direction lights will flash once.
- **Unlocking the Vehicle:** Press the **Unlock** button on the remote controller. The vehicle doors will unlock, and the direction lights will flash twice.
- **Trunk Release:** Press and hold the **Trunk Release** button on the remote controller for approximately 3 seconds. The vehicle's trunk will open (if connected and compatible).
- **Car Finding / Flashing Alert:** Press the **Car Finding** button (often represented by a bell or speaker icon) on the remote controller. The vehicle's direction lights will flash, helping you locate your car in a parking area.

Remote Controller Pairing (Learning Code):

If you need to pair a new remote controller or re-pair existing ones:

1. Locate the "learning button" on the control box (as shown in the wiring diagram).
2. Press and hold the learning button for approximately 3 seconds until the LED indicator on the control box illuminates or flashes.
3. While the LED is active, press any button on the remote controller you wish to pair. The LED should respond (e.g., flash or turn off) to confirm successful pairing.
4. Repeat for any additional remote controllers.
5. Test all paired remotes to ensure full functionality.

MAINTENANCE

The Shkalacar Keyless Entry System is designed for reliable operation with minimal maintenance. Follow these guidelines to ensure longevity:

- **Keep Components Dry:** Avoid exposing the control box and remote controllers to excessive moisture or water.
- **Cleanliness:** Keep the remote controllers clean. Use a soft, dry cloth to wipe away dust or grime.
- **Remote Battery Replacement:** If the remote control range decreases significantly or the remote stops responding, the battery may need replacement. Refer to the remote's design for battery access (typically a small screw or clip). Use the specified battery type.
- **Wiring Inspection:** Periodically check all wiring connections for security and signs of wear or corrosion, especially after any vehicle maintenance.

TROUBLESHOOTING

If you encounter issues with your keyless entry system, try the following troubleshooting steps:

- **System Not Responding:**
 - Check the vehicle's battery voltage.
 - Verify all power and ground connections to the control box are secure.
 - Check the fuse on the main power wire.
 - Replace the remote controller battery.
 - Attempt to re-pair the remote controllers (see "Remote Controller Pairing" section).
- **Door Locks Not Actuating:**
 - Ensure the door lock actuators are properly connected to the control box.
 - Check the mechanical linkage between the actuator and the door lock rod for any obstructions or disconnections.
 - Verify the actuator itself is functioning by applying 12V directly (briefly) to its wires to observe movement.
- **Trunk Release Not Working:**
 - Confirm the orange trunk release wire is correctly connected to the vehicle's trunk release mechanism.
 - Check the vehicle's trunk release solenoid for proper operation.
- **Reduced Remote Range:**
 - Replace the remote controller battery.
 - Ensure there are no large metal objects or electronic devices obstructing the signal path.

If problems persist after attempting these steps, consult a qualified automotive technician.

WARRANTY AND SUPPORT

For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided at the point of purchase or contact your retailer directly. For technical support or further assistance, please reach out to the Shkalacar customer service department through the contact information provided by your seller or on the official Shkalacar website.