JIARUIXIN JR1922RXS

JIARUIXIN JR1922RXS 12V Controller Instruction Manual

Model: JR1922RXS

1. Introduction

This manual provides essential instructions for the proper installation, operation, and maintenance of your JIARUIXIN JR1922RXS 12V Controller. This control box is designed as a replacement part for specific children's electric ride-on cars. Please read this manual thoroughly before installation and use to ensure safe and correct functionality.

2. Product Overview

The JR1922RXS is a 2.4G receiver control box that manages the functions of a 12V powered ride-on car. It is a critical component for the remote control operation of the vehicle.

Key Features:

- 12V DC Supply Voltage
- Max 35A Load Current
- 2.4G Bluetooth Control Method
- Designed for specific children's electric ride-on cars

3. Compatibility Check

It is crucial to verify the compatibility of this control box with your existing ride-on car before purchase and installation. Incompatibility can lead to malfunction or damage.

Important Note:

The JR1922RXS model (with a white 7-pin socket) is not compatible with the JR1922RXS-AD model (which uses a blue 7-pin socket). Always check the appearance and the socket type of your original control box.



Image: Comparison of JR1922RXS and JR1922RXS-AD control boxes. The JR1922RXS model on the left features a white 7-pin socket, while the JR1922RXS-AD model on the right features a blue 7-pin socket. These two models are incompatible due to different socket types and internal configurations.

To ensure compatibility, open your broken electric ride-on car and visually inspect the control box. If the appearance, model number, and specifically the 7-pin socket color (white) match your original unit, this replacement part should be suitable.

4. Installation Instructions

1. **Preparation:** Ensure the ride-on car is turned off and disconnected from any power source.
2. **Access Control Box:** Carefully open the compartment of your electric ride-on car where the control box is located. This may require removing screws or clips.
3. **Identify Original Unit:** Locate the existing control box. Verify its model number and the type of socket (white 7-pin) to confirm it matches the JR1922RXS.
4. **Disconnect Old Unit:** Disconnect all wires and connectors from the old control box. Pay attention to how each wire is connected, or take a photograph for reference.
5. **Install New Unit:** Connect the wires and connectors to the new JR1922RXS control box in the same configuration as the old one. Ensure all connections are secure.
6. **Secure Control Box:** Place the new control box securely in its compartment.
7. **Close Compartment:** Reassemble the car's compartment, ensuring all screws or clips are properly fastened.

If you are unsure about any step, it is recommended to seek assistance from a qualified technician.

5. Operating Instructions

After successful installation, you may need to resync the remote control with the new JR1922RXS control box.

1. **Power On:** Turn on the electric ride-on car.
2. **Remote Control Sync:** Follow the specific pairing instructions for your remote control. Typically, this involves holding down a pairing button on the remote while the car is powered on until a connection is established (e.g., lights flash or a sound is heard).
3. **Test Functionality:** Once synced, test all functions of the ride-on car using the remote control (e.g., forward, reverse, steering).

Note:
It is recommended to resync the remote control every time you change the batteries in the remote or if the connection is lost.

6. Troubleshooting

Problem	Possible Cause	Solution
Car does not respond to remote control.	Remote control not synced. Remote control batteries are low or dead.	Resync the remote control with the car (refer to Section 5). Replace remote control batteries.
Car does not power on.	Loose wiring connection. Car battery issues.	Check all wiring connections to the control box. Inspect the car's main battery and charging status.
Intermittent control.	Interference from other 2.4G devices. Weak signal.	Move to an area with less wireless interference. Ensure remote control is within effective range.
Control box does not fit.	Incorrect model purchased.	Verify the model number and socket type against your original unit (refer to Section 3). This JR1922RXS model has a white 7-pin socket.

7. Specifications

Model Number: JR1922RXS

Supply Voltage: DC 12V

Load Current: Max 35A

Control Method: 2.4G Bluetooth

Product Dimensions: 3.2 x 2.6 x 1.2 inches

Item Weight: 3.2 ounces

Socket Type: White 7-pin

8. Safety Information

Please observe the following safety guidelines:

- Always disconnect power to the ride-on car before performing any installation or maintenance.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- This product is a replacement part for specific children's ride-on toys. Use only as intended.
- Keep small parts away from children to prevent choking hazards.

- Do not attempt to modify the control box or its wiring, as this may void any warranty and create safety risks.
- If the control box becomes damaged, replace it immediately.

9. Warranty and Support

For warranty information or technical support, please refer to the original purchase documentation or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.
Manufacturer: JIARUIXIN
For further assistance, you may visit the JIARUIXIN Store on Amazon.

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Example: How do I reset this device or fix this error?

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