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› weelye Kids Electric Cars 12V Wiring Harness Instruction Manual

weelye RX19 12V

weelye Kids Electric Cars 12V Wiring Harness Instruction Manual

Model: RX19 12V

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the weelye Kids Electric Cars 12V Wiring Harness and Remote Control Circuit Board Switch. This complete set of accessories is designed for DIY modification or replacement in 12V children's ride-on electric vehicles.

Included Components:

- 2.4G Remote Control
- Control Box (Circuit Board)
- Wiring Harness
- Power Switch
- Foot Pedal
- Overload Protector
- Front and Rear Switch

Please note that this kit does **not** include gearboxes, steering motors, or batteries. These components must be sourced separately to complete your electric ride-on car system.

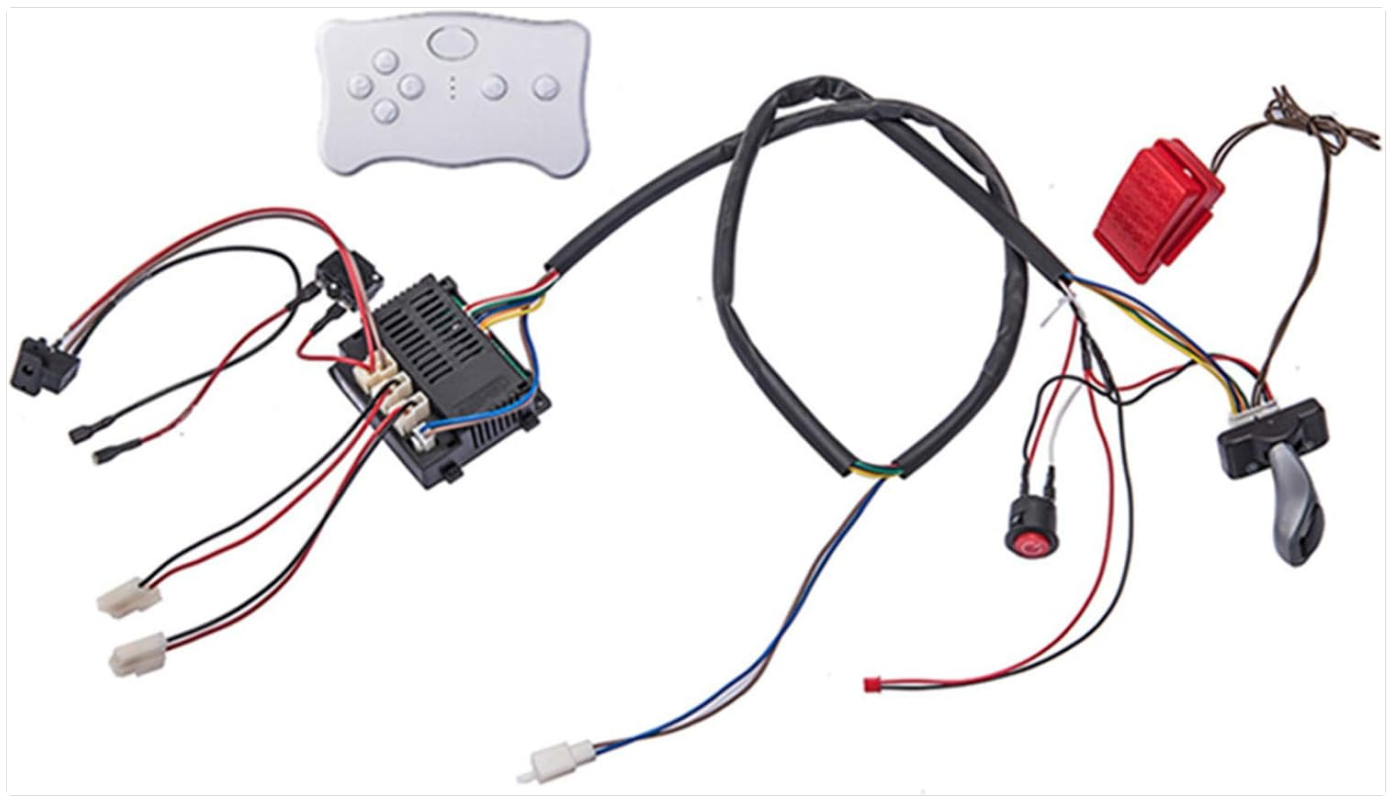


Figure 1.1: Overview of the weelye 12V Wiring Harness Kit.

2. SETUP AND INSTALLATION

Careful installation is crucial for proper function and safety. It is recommended that installation be performed by an adult with basic electrical knowledge. Ensure the vehicle's power is disconnected before beginning installation.

2.1 Wiring Diagram

Refer to the detailed wiring diagram below for connecting all components. Each connection point is labeled for clarity.

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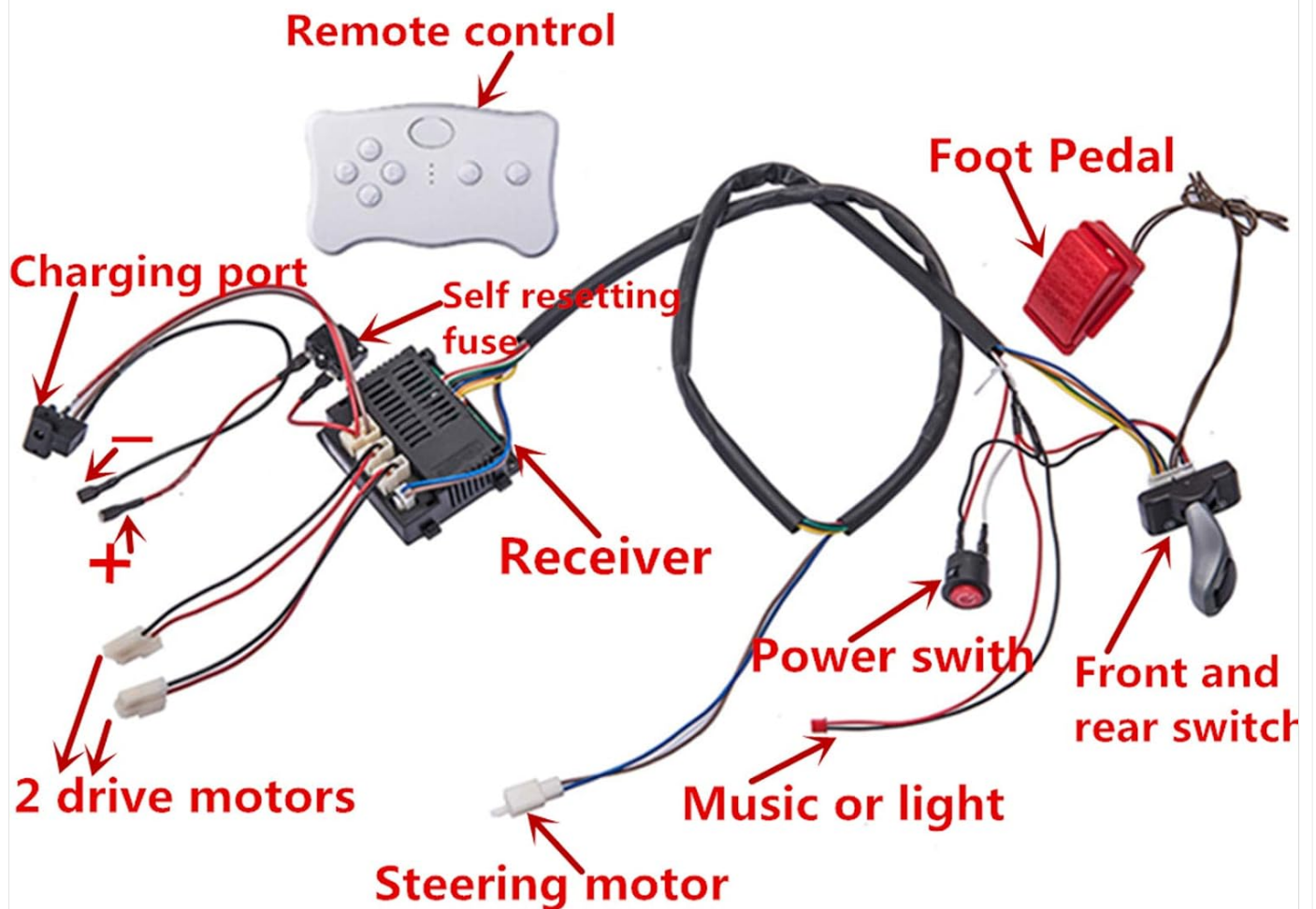


Figure 2.1: RX19 12V System Wiring Diagram.

2.2 Component Identification

- **Receiver (Control Box):** The central unit for processing signals from the remote control and managing power distribution.
- **Remote Control:** Used for wireless operation of the vehicle.
- **Foot Pedal:** Activates forward motion when pressed.
- **Power Switch:** Turns the vehicle's main power on or off.
- **Front and Rear Switch:** Controls the direction of travel (forward, neutral, reverse).
- **Charging Port:** Connects to the battery charger (charger and battery not included).
- **Self-Resetting Fuse:** Provides overcurrent protection for the system.

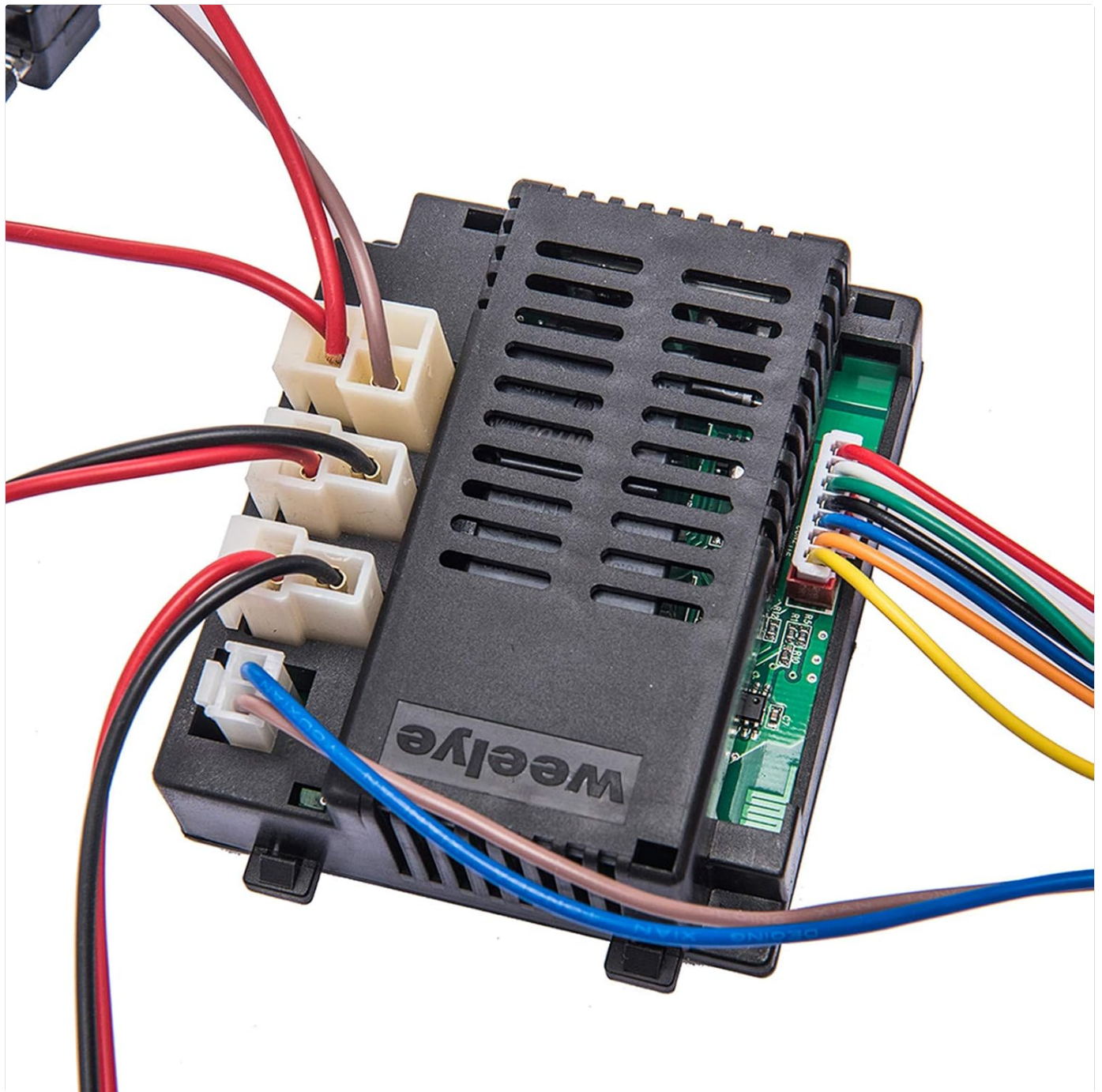


Figure 2.2: Control Box (Receiver) Detail.

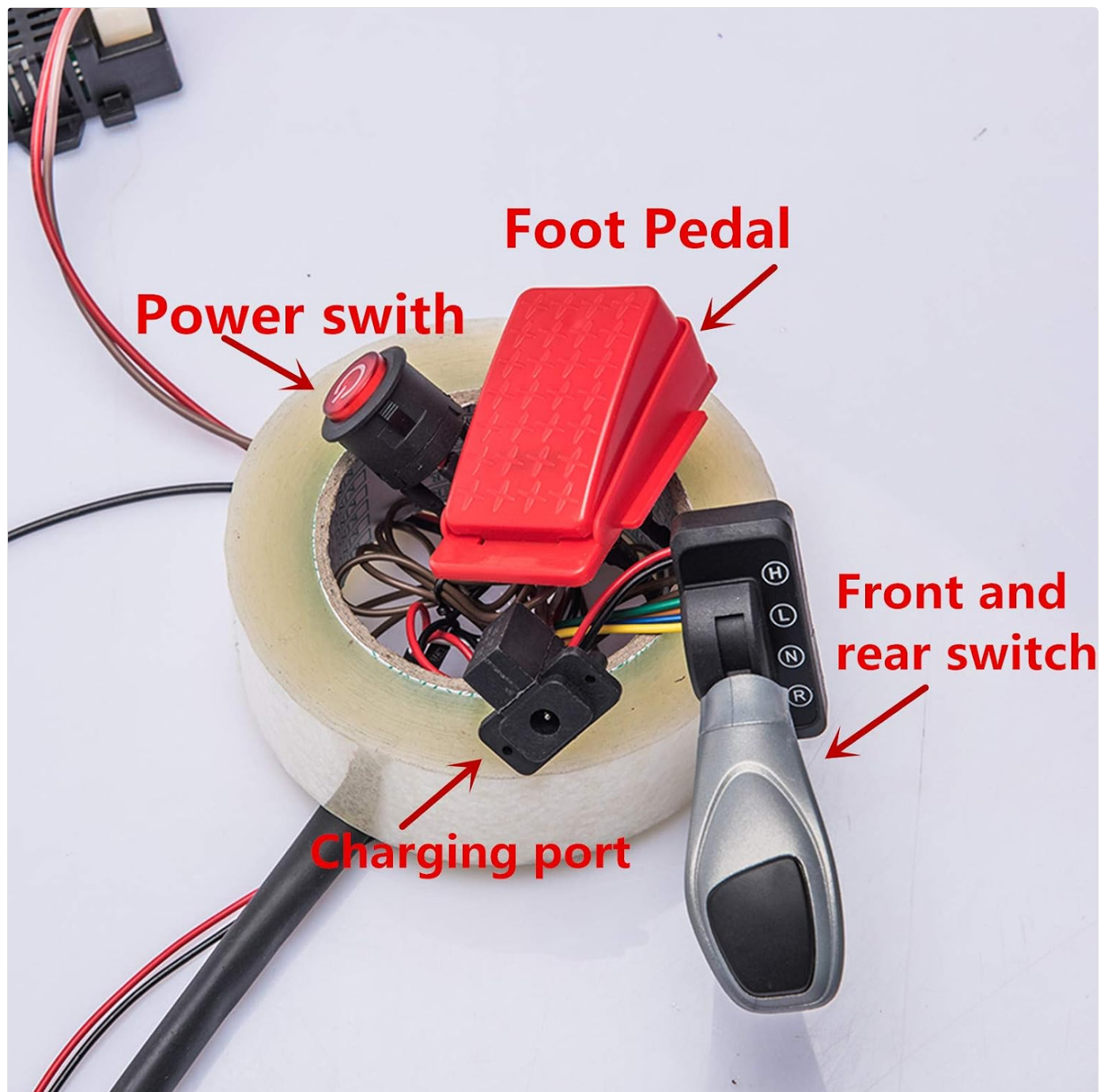


Figure 2.3: Foot Pedal and Switch Assembly.

2.3 Connection Steps

1. Connect the main power wires from your 12V battery (not included) to the designated terminals on the control box. Ensure correct polarity (positive to positive, negative to negative).
2. Connect the drive motor wires to the corresponding output terminals on the control box. This kit supports two drive motors.
3. Connect the steering motor wires (if applicable, steering motor not included) to the designated steering output.
4. Connect the foot pedal, power switch, and front/rear switch to their respective ports on the wiring harness/control box.
5. Connect any additional accessories like music or light modules to the designated output.
6. Secure all connections to prevent accidental disconnections during operation.



Figure 2.4: Kit components, highlighting that motors are not included.

3. OPERATING INSTRUCTIONS

3.1 Remote Control Pairing

Before first use or after replacing the control box/remote, you must pair the remote control with the receiver.

1. Ensure the vehicle's main power switch is OFF.
2. Turn the vehicle's main power switch ON.
3. Immediately press and hold the top white button on the remote control for 3-5 seconds.
4. The indicator lights on the remote control or receiver should confirm successful pairing (e.g., a solid light or a series of blinks).
5. If pairing fails, turn off the vehicle, wait a few seconds, and repeat the process.



Figure 3.1: 2.4G Bluetooth Remote Control.

3.2 Basic Operation

- **Power On/Off:** Use the main power switch on the vehicle.
- **Driving:** Use the foot pedal for acceleration. The system features a slow start function for smooth acceleration.
- **Direction Control:** Use the front and rear switch to select Forward (H/L), Neutral (N), or Reverse (R).
- **Remote Override:** The remote control can override manual operation for parental control.

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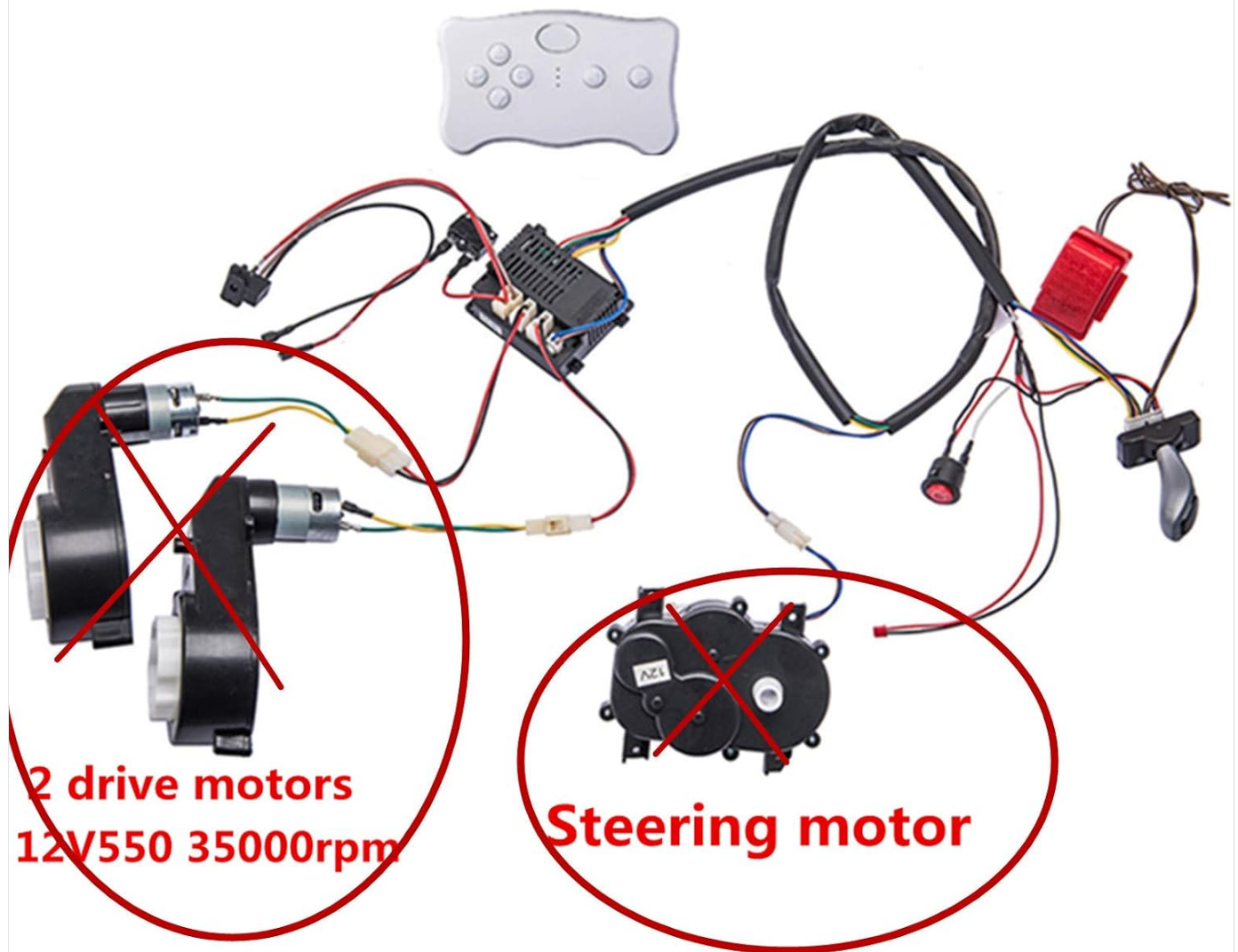


Figure 3.2: Front and Rear (Gear) Switch.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric ride-on car's electrical system.

- **Keep Dry:** Protect all electronic components (control box, switches, remote) from moisture and water. Water damage can lead to malfunctions or permanent damage.
- **Check Connections:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion. Loose connections can cause intermittent power or component failure.
- **Clean Components:** Use a soft, dry cloth to clean the control box and remote control. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** While the battery is not included, ensure the battery you use is properly charged and maintained according to its manufacturer's instructions. A low or faulty battery can affect the performance of this kit.
- **Self-Resetting Fuse:** The system includes a self-resetting fuse. If the vehicle suddenly stops, check for any overloads. The fuse will reset automatically after a short period once the overload is removed.

5. TROUBLESHOOTING

If you encounter issues with your weelye wiring harness kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not power on.	No battery power; loose connection; faulty power switch.	Check battery charge; ensure all connections are secure; test power switch.
Remote control not responding.	Not paired; remote battery low; interference.	Perform pairing procedure (Section 3.1); replace remote batteries; move away from strong interference sources.
Vehicle moves intermittently or slowly.	Low battery; loose motor connections; overloaded circuit.	Charge battery; check motor wiring; reduce load on vehicle; allow self-resetting fuse to cool.
Direction switch not working.	Faulty switch; loose connection.	Check switch wiring; replace switch if necessary.

If problems persist after attempting these solutions, please contact weelye customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Model	RX19 12V
Voltage	12V
Remote Control Frequency	2.4G Bluetooth
Product Dimensions	5.1 x 3.2 x 2.6 inches (Control Box)
Item Weight	15.2 ounces
Manufacturer Recommended Age	14 years and up (for installation/modification)
Country of Origin	China

7. WARRANTY AND SUPPORT

For specific warranty information regarding your weelye Kids Electric Cars 12V Wiring Harness kit, please refer to the product packaging or contact the seller directly. Warranty terms may vary based on your region and point of purchase.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please visit the official weelye store or contact their customer service department.

weelye Store: <https://www.amazon.com/stores/weelye/page/1D649541-6765-4EB3-A549-13E970D91EA2>

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question