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GoolRC 1:14 Scale Brushless RC Truck

GoolRC 1:14 Scale Brushless RC Truck Instruction Manual

Model: 1:14 Scale Brushless RC Truck

1. SAFETY INFORMATION

Please read this manual carefully before operating the GoolRC 1:14 Scale Brushless RC Truck. Failure to follow instructions may result in damage to the product, property, or personal injury. This product is recommended for users aged 15 years and up.

- **Battery Safety:** Always use the provided charger and batteries. Do not overcharge or short-circuit batteries. Disconnect batteries when not in use.
- **Operating Environment:** Operate the RC truck in open areas, away from people, pets, and obstacles. Avoid operating in wet conditions or near water.
- **High Speed:** This RC truck can reach speeds up to 45 km/h. Exercise caution and maintain control at all times.
- **Maintenance:** Regularly inspect the truck for loose parts or damage. Perform maintenance as described in this manual.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- GoolRC 1:14 Scale Brushless RC Truck
- 2.4GHz Remote Control Transmitter
- 7.4V Li-ion Batteries (Quantity may vary based on purchase)
- USB Charging Cable
- Instruction Manual



Image: GoolRC 1:14 Scale Brushless RC Truck with its remote control, two batteries, and a USB charging cable.

3. PRODUCT OVERVIEW

The GoolRC 1:14 Scale Brushless RC Truck is a high-performance, 4-wheel drive vehicle designed for various terrains. It features a powerful brushless motor, independent suspension, and durable TPR anti-wear tires.



Image: Front-side view of the GoolRC 1:14 Scale Brushless RC Truck, showcasing its design and robust tires.

Key Components:

- **Brushless Motor:** Provides high efficiency and power for speeds up to 45 km/h.
- **4WD Drive System:** Ensures superior traction and control on diverse surfaces.
- **Shock Absorbers:** Four independent shockproof springs for stable handling over rough terrain.
- **TPR Anti-Wear Tires:** Designed for strong grip and durability.
- **2.4GHz Remote Control:** Offers reliable and responsive control.

Image: Diagram illustrating the internal components of the RC truck, including the brushless motor, servo, 7.4V Li-ion battery, and brushless ESC.

4. SETUP

4.1 Battery Installation

RC Truck Battery:

1. Carefully remove the body shell of the RC truck.
2. Connect the fully charged 7.4V Li-ion battery to the truck's power connector.
3. Secure the battery in its compartment and reattach the body shell.

Remote Control Battery:

1. Open the battery compartment on the back of the remote control.
2. Insert 3 AA batteries (not included) according to the polarity markings.
3. Close the battery compartment.

4.2 Charging the Battery

Use the provided USB charging cable to charge the 7.4V Li-ion battery. Connect the charging cable to a USB power source (e.g., computer, USB wall adapter) and then to the battery. The charging indicator will show the charging status. Do not leave batteries charging unattended.

4.3 Binding the Remote Control

The RC truck and remote control are typically pre-bound from the factory. If re-binding is necessary:

1. Ensure both the truck and remote control are powered off.
2. Turn on the remote control.
3. Turn on the RC truck. The indicator lights on both devices should stabilize, indicating a successful connection.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

Image: Diagram showing the functions of the 2.4GHz remote control, including the steering wheel for turning, trigger for forward/backward, power switch, ST. TRIM, TH. RATE, and ST. RATE adjustments.

- **Forward/Backward:** Pull the trigger towards you to move forward. Push the trigger away from you to brake, then push further to reverse.
- **Turn Left/Right:** Rotate the steering wheel left or right to steer the truck.
- **ST. TRIM:** Adjusts the steering neutral position. If the truck pulls to one side, adjust this knob until it drives straight.
- **TH. RATE:** Adjusts the throttle sensitivity/maximum speed.
- **ST. RATE:** Adjusts the steering sensitivity.

5.2 Driving Tips

- Start with slow speeds to familiarize yourself with the controls.
- Avoid sudden turns at high speeds to prevent rollovers.
- The 4WD system and robust suspension allow the truck to conquer various terrains such as beach, snow, grass, mountain roads, and rocky paths.



Image: The GoolRC RC Truck demonstrating its ability to drive on different surfaces, including dirt, grass, and rocky terrain.

6. MAINTENANCE

6.1 Cleaning

- After each use, especially in dirty or dusty conditions, clean the truck.
- Use a soft brush or compressed air to remove dirt and debris from the chassis, wheels, and suspension components.
- Wipe the body shell with a damp cloth. Do not use harsh chemicals.

6.2 Storage

- Store the RC truck and remote control in a cool, dry place away from direct sunlight.
- Remove batteries from both the truck and remote control before long-term storage to prevent leakage.

6.3 Battery Care

- Always allow batteries to cool down before recharging.
- Do not store fully charged or completely depleted Li-ion batteries for extended periods. Store them at approximately 50% charge.
- If a battery appears swollen, damaged, or overheated, discontinue use immediately and dispose of it properly.

7. TROUBLESHOOTING

- **Truck not responding:** Check if both the truck and remote control are powered on. Ensure batteries are charged and correctly installed. Re-bind the remote control if necessary.
- **Reduced performance/speed:** Battery may be low. Recharge the truck battery. Check for any obstructions in the drivetrain or damaged components.
- **Truck pulls to one side:** Adjust the ST. TRIM knob on the remote control. Inspect steering

linkages for damage.

- **Unusual noises:** Power off the truck immediately. Inspect for loose gears, debris, or damaged motor/drivetrain components.

8. SPECIFICATIONS

Feature	Detail
Scale	1:14
Drive System	4-Wheel Drive (4WD)
Motor Type	Brushless Motor
Max Speed	Up to 45 KM/H
Remote Control Frequency	2.4GHz
Battery Type	7.4V Li-ion
Servo	17g/2kg torque
ESC	2.4G 25A 3-in-1
Recommended Age	15 years and up
Item Weight	3.71 pounds
Package Dimensions	12.68 x 10.28 x 7.87 inches

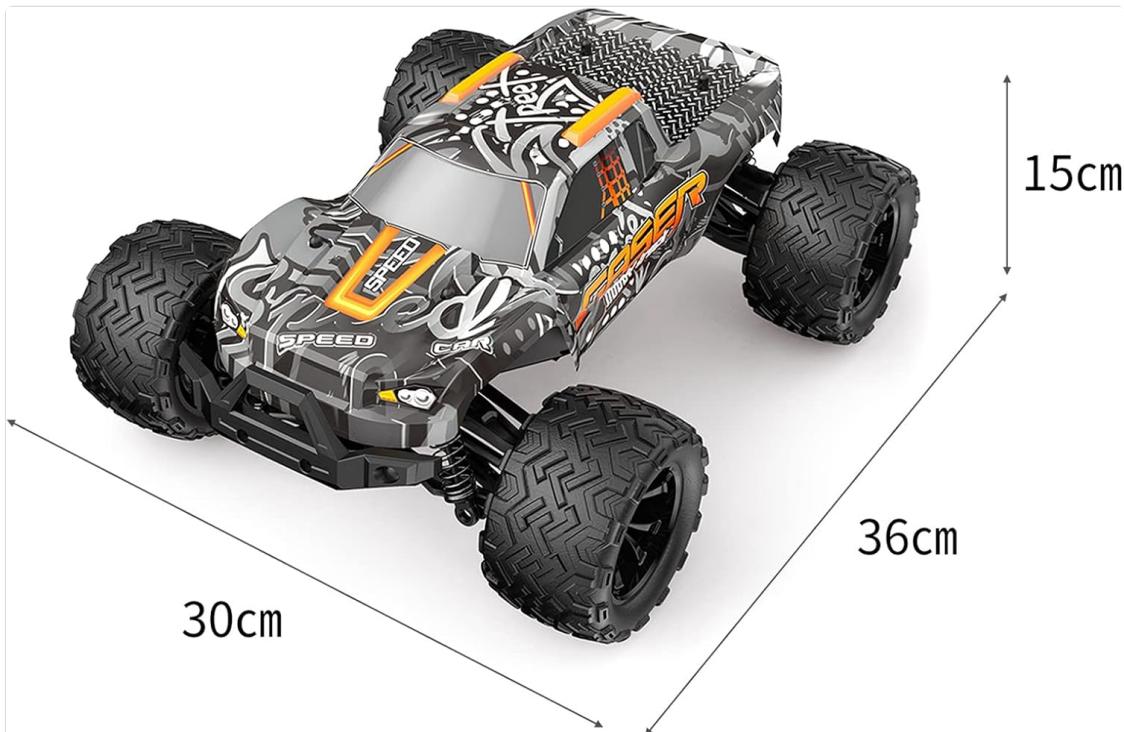


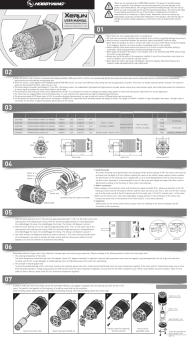
Image: Diagram showing the approximate dimensions of the RC truck: 36cm length, 30cm width, and 15cm height.

9. WARRANTY AND SUPPORT

GoolRC products are manufactured to high-quality standards. For warranty information, technical support, or replacement parts, please refer to the contact information provided with your purchase or visit the official GoolRC website. Keep your purchase receipt as proof of purchase.

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Related Documents - 1:14 Scale Brushless RC Truck

	<p>Rlaarlo Terminator RZ 001 RC Monster Truck Troubleshooting Guide</p> <p>A comprehensive troubleshooting guide for the Rlaarlo Terminator RZ 001 RC Monster Truck, covering common issues and their solutions for steering, motor, battery, and more.</p>
	<p>Hobbywing XeRun 4268/4274 G3 Sensored Brushless Motor User Manual</p> <p>Comprehensive user manual for the Hobbywing XeRun 4268/4274 G3 series of sensored brushless motors, covering features, specifications, installation, timing adjustment, gearing, and assembly.</p>
	<p>NQD 757-C271 Remote Control Monster Truck: 1:16 4WD Rock Crawler - Instructions & Warranty</p> <p>Comprehensive guide for the NQD 757-C271 1:16 scale 4WD Remote Control Monster Truck. Includes remote control operation, battery charging instructions, and warranty information.</p>
	<p>Amoril 1/10 RTR Brushless RC Car Manual</p> <p>Instruction manual for the Amoril 1/10 RTR brushless RC car, a high-speed electric off-road monster truck designed for adults. Features include 4WD, waterproof capabilities, and compatibility with 3S Lipo batteries.</p>
	<p>Team Associated Rival MT8 RTR Assembly Manual</p> <p>Comprehensive assembly manual for the Team Associated Rival MT8 RTR 1:8 Scale 4WD Brushless RC Monster Truck, detailing build steps, tuning tips, and required components.</p>



[FTX Carnage 2.0 Brushless 1/10th Scale RC Truck User Manual](#)

User manual for the FTX Carnage 2.0 Brushless 1/10th scale 4WD electric RC off-road truck. Covers safety, setup, operation, maintenance, troubleshooting, warranty, and parts lists.