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› GoolRC WLtoys 12428 RC Car Instruction Manual

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GoolRC WLtoys 12428 RC Car Instruction Manual

Model: 12428 | Brand: GoolRC

INTRODUCTION

Thank you for choosing the GoolRC WLtoys 12428 RC Car. This 1/12 scale 4WD high-speed remote control off-road truck is engineered for thrilling performance and durability across various terrains. With a top speed of 50km/h and robust construction, it promises an exciting and reliable experience. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance and longevity of your RC car.

PACKAGE CONTENTS

Upon unboxing, please verify that all items listed below are present:

- 1/12 RC Car
- 2.4G Transmitter (Remote Control)
- 7.4V 1500mAh Lithium Battery
- Charger (USB)
- Tool Set
- English Manual

2.4GHZ STABLE SIGNAL

long distance control, without interference



Image: The complete package contents of the GoolRC WLtoys 12428 RC Car, including the car, remote, battery, charger, tools, and manual.

SETUP

Battery Installation & Charging

The RC car is powered by a 7.4V 1500mAh Li-ion battery. Ensure the battery is fully charged before first use.

1. Locate the battery compartment on the RC car.
2. Carefully connect the 7.4V 1500mAh lithium battery to the car's power connector.
3. To charge, disconnect the battery from the car and connect it to the provided USB charger. Plug the USB charger into a compatible USB power source. The charging indicator will show the charging status.



LARGE CAPACITY BATTERY
7.4V 1500MAH

OFFER YOU A LONG PLAYING TIME

Image: A detailed view of the 7.4V 1500mAh Li-ion battery, which provides powerful drive to the RC car.

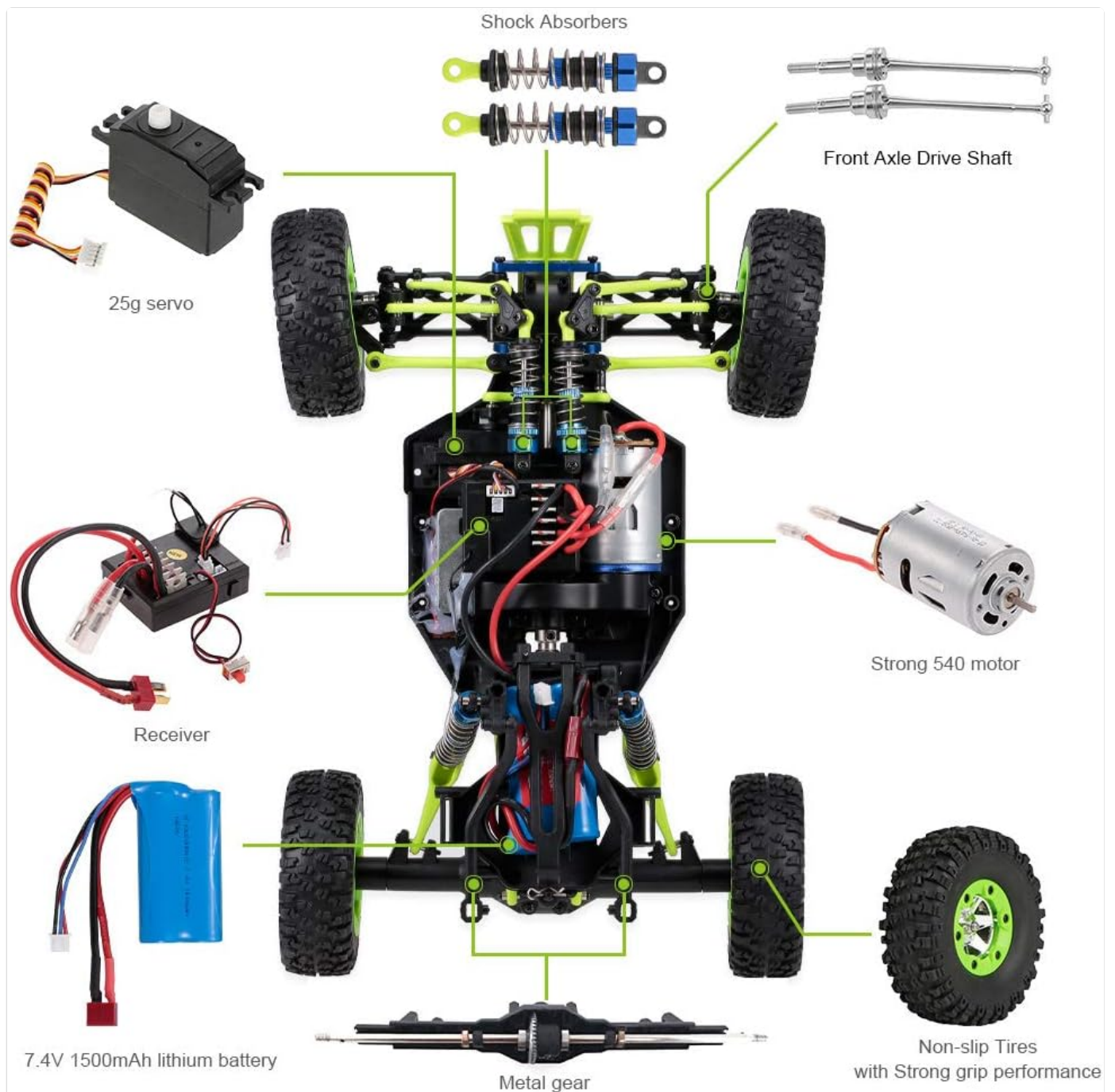


Image: An exploded diagram illustrating the internal components of the RC car, highlighting the battery, motor, receiver, and suspension system.

Remote Control Setup

The 2.4G transmitter requires 4 AA batteries (not included).

1. Open the battery compartment on the back of the remote control.
2. Insert 4 AA batteries, ensuring correct polarity.
3. Close the battery compartment.
4. Turn on the remote control using the Power ON/OFF switch.

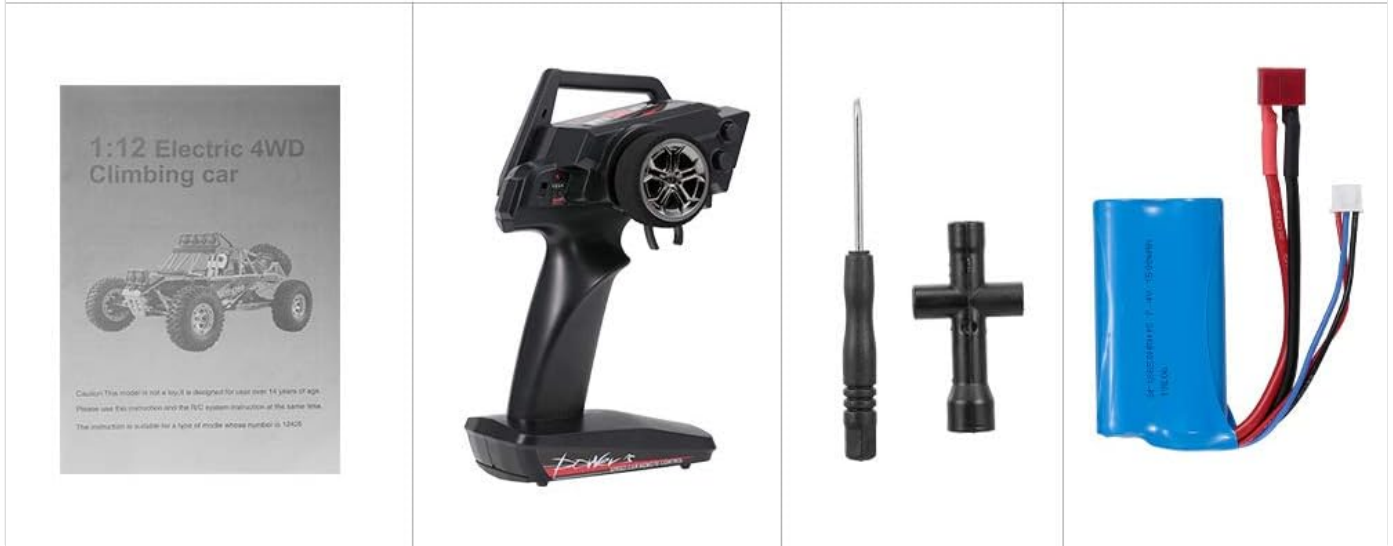


Image: A diagram of the 2.4GHz remote control, showing its various components like the steer wheel, trigger, power indicator, and trim adjustments.

Video: This video demonstrates the unboxing, battery connection, and remote control setup for the WLtoys 12428 RC Car, including how to adjust speed and steering trim.

OPERATING INSTRUCTIONS

Basic Controls

The 2.4G remote control provides precise handling for your RC car.

- **Steering:** Use the steer wheel on the remote to control the car's direction (left/right).
- **Acceleration/Brake:** Use the trigger to control forward/backward movement and braking. Pull the trigger for acceleration, push it forward for braking/reverse.
- **Speed Adjustment:** The remote control features a knob (TH D/R) to adjust the overall speed of the car, allowing for slower speeds for beginners or full speed for experienced users.
- **Trim Adjustments:** Use the ST TRIM dial to fine-tune the steering alignment, ensuring the car drives straight when the steering wheel is centered.

High Speed Performance

Experience the thrill of high-speed racing with the WLtoys 12428, capable of reaching speeds up to 50km/h (approximately 30mph).



Image: The GoolRC WLtoys 12428 RC Car and its remote control, showcasing its design and readiness for high-speed operation.

Off-Road Capabilities

Designed as a rock crawler, this RC car excels on various challenging terrains due to its 4-wheel drive system, robust suspension, and durable wheels.

- **Terrain Versatility:** Navigate dirt, grass, gravel, and rocky surfaces with ease.
- **Superior Handling:** The 4WD system provides excellent traction and control, allowing for sharp turns and stable maneuvers.
- **Shock Absorption:** Equipped with strong shock absorbers, the car can handle bumps, jumps, and uneven terrain, providing a stable drive.

Off Road **4WD Car**

1/12 50km/h 2.4G



Image: The GoolRC WLtoys 12428 RC Car demonstrating its off-road capabilities on a rugged dirt path.

RUGGED MODE ***STEADY CLIMBING***

CLIMBING 45 DEGREE OBLIQUE ANGLE EASILY,
FIT FOR MANY COMPLEX TERRAINS



Image: The RC car in 'Rugged Mode', showcasing its ability to climb a 45-degree oblique angle easily, suitable for complex terrains.

EASY TO CROSS ***CROSS-COUNTRY EXPERT***



Image: The RC car demonstrating its 'Easy to Cross' capability, acting as a 'Cross-Country Expert' by navigating over a large rock.

INDEPENDENT SUSPENSION SYSTEM

Four-wheel independent suspension system with good elasticity, good shock absorption effect and driving smoother



Image: A close-up of the four-wheel independent suspension system, highlighting its elasticity and good shock absorption for smoother driving.

Video: This video showcases the WLtoys 12428 RC Car's performance across various terrains, including dirt, grass, and asphalt, demonstrating its speed, control, and durability against flips and impacts.

MAINTENANCE

The GoolRC WLtoys 12428 is built with a super strong structure, including a durable frame, cockpit, shock absorbers, and motors, designed to withstand rigorous use.

- **Durability:** The car's robust design and reinforced rubber wheels contribute to its high durability, minimizing damage from impacts and flips.
- **Spare Wheel:** The rear-mounted wheel is not just for aesthetics; it can be used as a spare wheel if needed, and also provides additional protection during rollovers. A tool is included for its removal and installation.
- **Cleaning:** After off-road use, it is recommended to clean the car to remove dirt, dust, and debris from the chassis, wheels, and suspension components to maintain optimal performance.

TROUBLESHOOTING

- **Abrupt Stop:** The car is designed to stop abruptly when the battery charge is low, rather than gradually slowing down. This indicates it's time to recharge the battery.
- **Flipping/Rolling:** Due to its high speed, the car may flip or roll during sharp turns, especially at maximum speed. This is normal behavior for high-performance RC vehicles. The car's durable construction is designed to withstand such impacts.
- **Loss of Control:** Ensure the remote control batteries are fresh and the car's battery is adequately charged. Check the trim adjustments on the remote to ensure proper steering alignment.

SPECIFICATIONS

Feature	Detail
Brand	GoolRC
Model Number	12428
Scale	1/12
Top Speed	50km/h (approx. 30mph)
Drive System	4WD (Four-Wheel Drive)
Remote Control Frequency	2.4Ghz
Control Distance	Up to 100m
Battery	7.4V 1500mAh Li-ion Battery
Playtime	10-20 minutes (continuous)
Item Weight	5.29 pounds
Package Dimensions	16.5 x 10 x 8.5 inches
Recommended Age	14 years and up

WARRANTY AND SUPPORT

Specific warranty details are not provided in the available product data. For any support inquiries, troubleshooting assistance, or warranty claims, please contact GoolRC customer service directly through their official channels or the retailer from whom the product was purchased.

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.

Name

Anonymous

Email

you@example.com

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