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GoolRC XKS 104001

GoolRC WLtoys 104001 RC Car Instruction Manual

Model: XKS 104001 | Brand: GoolRC

1. PRODUCT OVERVIEW

The GoolRC WLtoys 104001 is a 1:10 scale, 4WD high-speed remote control racing car designed for all-terrain off-road use. It features a durable aluminum alloy chassis, zinc alloy gears, and a powerful motor, capable of reaching speeds up to 45KM/H. This manual provides essential information for safe and optimal operation of your RC car.



Image 1.1: The GoolRC WLtoys 104001 RC Car and its accompanying remote controller.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x RC Car
- 1 x Remote Controller
- 1 x Car Battery
- 1 x Charger
- 1 x Instruction Manual
- 1 x Cross Socket Wrench



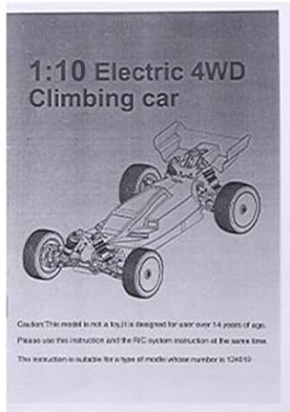
1\* RC car



1\* Remote controller



1\* Battery



1\* User manual



1\* Charging cable



1\* Cross socket wrench

Image 2.1: All components included in the product package.

### 3. FEATURES

The GoolRC WLtoys 104001 RC Car boasts several advanced features for an enhanced driving experience:

- **High-Speed Performance:** Equipped with a powerful 550 motor, this RC car converts electricity into power efficiently, achieving speeds up to 45km/h. The 4WD system provides strong torque for dynamic maneuvers.

# HIGH SPEED RACING CAR

*Suitable for all terrain*



Image 3.1: The RC car in motion, highlighting its high-speed capability.

- **2.4GHz Remote Control Frequency:** The 2.4GHz radio system offers anti-jamming capabilities, allowing multiple cars to race simultaneously without interference. The control distance extends up to 100 meters.
- **Conquer Various Terrains:** Featuring hardware oil pressure shock absorbers and all-terrain adaptable tires, the car ensures stable dynamic performance across diverse surfaces. It is suitable for sand, meadows, mountain roads, or rocky paths.

# CONQUER VARIOUS TERRAIN



Image 3.2: The RC car's ability to handle sandy, muddy, off-road, and rocky terrains.

- **High Quality Material:** Constructed with metal parts, a high-strength aluminum alloy frame, and zinc alloy gears, the car is designed for long service life, crashworthiness, and durability. It also supports DIY upgrades.

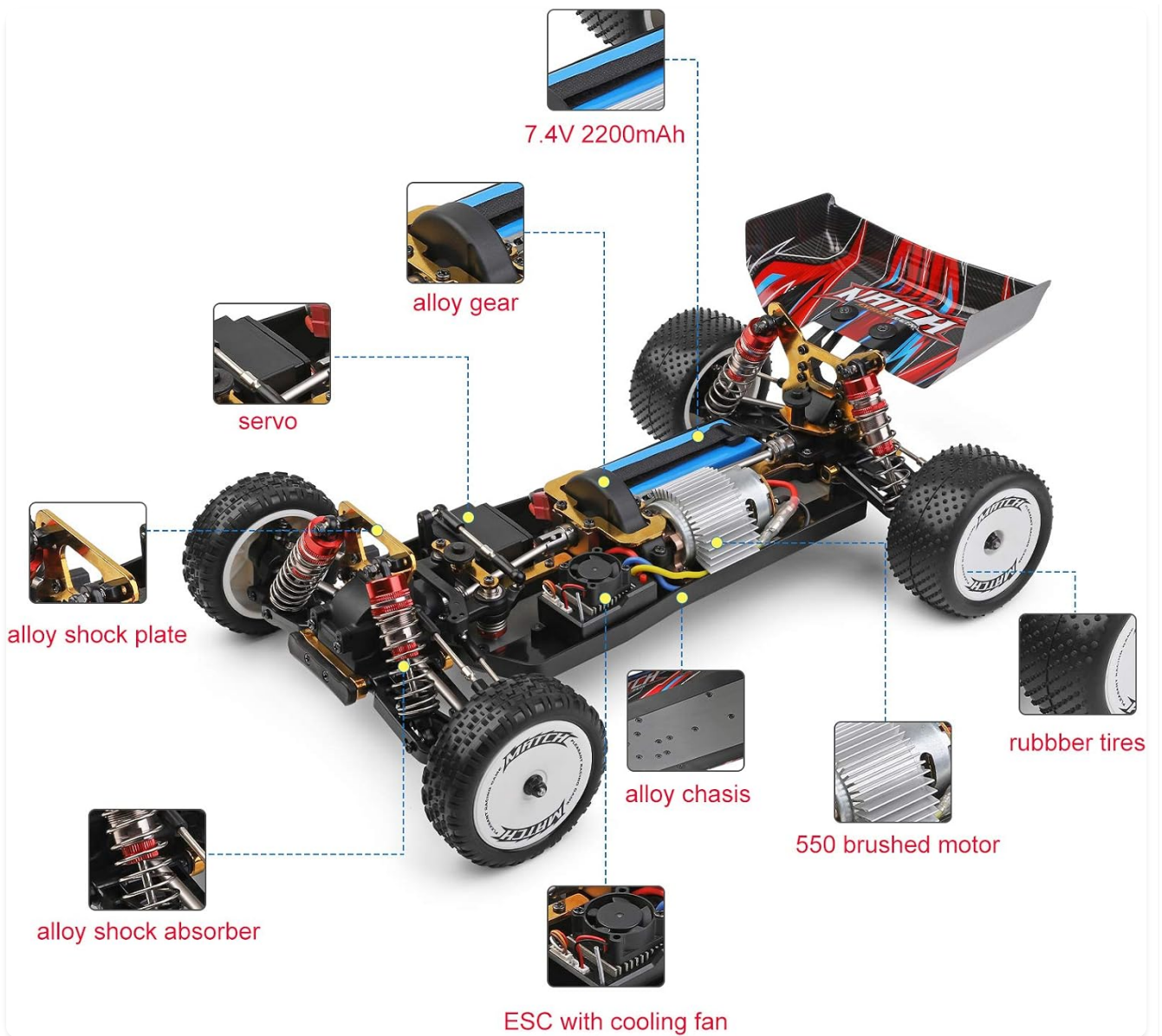
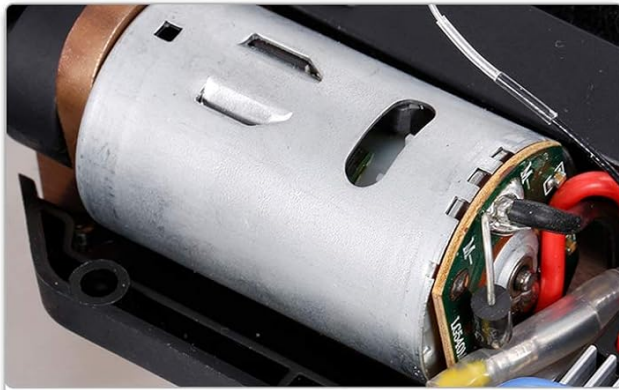


Image 3.3: Detailed view of the RC car's internal components, including battery, alloy gear, servo, alloy shock plate, alloy chassis, 550 brushed motor, rubber tires, alloy shock absorber, and ESC with cooling fan.



### POWERFUL AND HIGH EFFICIENCY STRONG MAGNETIC MOTOR

Making the electric energy converted into power maximally and the running speed is up to 45km/h



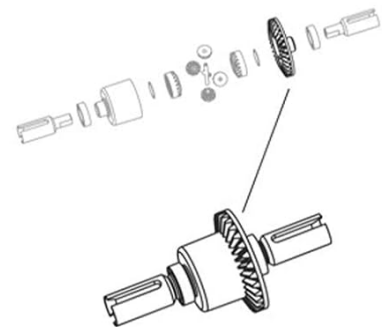
### ALUMINUM ALLOY CHASSIS

The base is made of high-strength aluminum alloy with strong stability



### HARDWARE HYDRAULIC SHOCK ABSORBER

Shock absorber performance can adapt to multi-terrain



### ZINC ALLOY GEAR

Durable and wear resistance gives long service life, helping the car accompany you for a long time.

Image 3.4: Detailed views of the powerful 550 motor, aluminum alloy chassis, hardware hydraulic shock absorber, and zinc alloy gear.

## 4. SETUP

### 4.1. Battery Installation and Charging

1. **Car Battery:** Carefully open the battery compartment on the RC car. Connect the car battery to the car's power connector, ensuring correct polarity. Securely place the battery in the compartment and close the cover.
2. **Remote Controller Batteries:** Open the battery compartment on the back of the remote controller. Insert 4 \* AA batteries (not included), observing the correct positive (+) and negative (-) terminals. Close the compartment.
3. **Charging:** Connect the car battery to the provided charger. Plug the charger into a suitable power outlet. The indicator light on the charger will show the charging status. Once fully charged, disconnect the battery from the charger.

## 4.2. Remote Controller Overview

Familiarize yourself with the functions of the remote controller:

# 2.4GHZ STABLE SIGNAL



4 \* AA BATTERY (NOT INCLUDED)

Image 4.1: Labeled diagram of the 2.4GHz remote controller, showing Power Indicator, Power ON/OFF switch, Mode button, Steer Wheel, Steering Trim, Speed Trim, and Forward/Backward trigger.

- **Power ON/OFF:** Switch to turn the controller on or off.
- **Power Indicator:** Light indicating power status.
- **Steer Wheel:** Controls the direction of the car (left/right).
- **Forward/Backward Trigger:** Controls the speed and direction of the car (forward/reverse).
- **Steering Trim:** Adjusts the steering to ensure the car drives straight when the steering wheel is centered.
- **Speed Trim:** Adjusts the maximum speed output.
- **Mode:** Selects different driving modes (if applicable).

## 4.3. Binding the Remote Controller and Car

To establish a connection between the remote controller and the RC car:

1. Ensure both the car and the remote controller are powered off.
2. Turn on the RC car. The car's indicator light will flash.
3. Turn on the remote controller. The indicator light on the remote will flash.
4. Wait a few seconds for the lights on both the car and the remote to become solid, indicating a successful binding.
5. If binding fails, turn off both devices and repeat the process.

## 5. OPERATING INSTRUCTIONS

### 5.1. Basic Controls

- **Forward/Accelerate:** Pull the trigger towards you.
- **Brake/Reverse:** Push the trigger away from you.
- **Steering:** Turn the steering wheel left or right to control the car's direction.

### 5.2. Driving Tips

- Always operate the RC car in open areas free from obstacles, people, or pets.
- Avoid driving in wet conditions or through deep puddles to prevent damage to electronic components.
- Start with slow speeds to get accustomed to the controls before attempting high-speed maneuvers.
- Use the steering trim to fine-tune the car's straight-line tracking.

### 5.3. Product Demonstration Video

Watch this official video from the seller demonstrating the GoolRC WLtoys 104001 RC Car in action:

Video 5.1: Official demonstration of the GoolRC WLtoys 104001 RC Car's performance and capabilities across various terrains.

## 6. MAINTENANCE

Regular maintenance will prolong the life and performance of your RC car:

- **Cleaning:** After each use, especially after driving in dusty or dirty conditions, clean the car with a soft brush or compressed air to remove debris. Avoid using water directly on electronic components.
- **Battery Care:** Always fully charge the battery before storage if it will not be used for an extended period. Do not overcharge or over-discharge the battery. Store batteries in a cool, dry place.
- **Gear Inspection:** Periodically check the zinc alloy gears for any signs of wear or damage. Ensure they are free of debris that could impede their movement.
- **Shock Absorbers:** Inspect the oil pressure shock absorbers for leaks or damage. Ensure they move freely and provide adequate damping.
- **Screws and Fasteners:** Regularly check all screws and fasteners to ensure they are tight. Vibrations from operation can cause them to loosen over time.

## 7. TROUBLESHOOTING

If you encounter issues with your GoolRC WLtoys 104001 RC Car, refer to the following common problems and solutions:

| Problem                             | Possible Cause                                                              | Solution                                                                                                           |
|-------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Car does not turn on.               | Low or uncharged battery; incorrect battery installation; power switch off. | Charge car battery; check battery polarity; ensure power switch is ON.                                             |
| Car does not respond to remote.     | Remote batteries low; car and remote not bound; out of range; interference. | Replace remote batteries; re-bind car and remote; operate within 100m range; avoid areas with strong interference. |
| Car moves slowly or inconsistently. | Low car battery; motor or gear obstruction; damaged components.             | Recharge car battery; clean motor/gear area; inspect for damaged parts and replace if necessary.                   |
| Steering is off-center.             | Steering trim needs adjustment.                                             | Adjust the steering trim knob on the remote controller until the car drives straight.                              |

## 8. SPECIFICATIONS

Detailed specifications for the GoolRC WLtoys 104001 RC Car:

- **Model Number:** XKS 104001
- **Scale:** 1:10
- **Drive System:** 4WD
- **Max Speed:** Up to 45 KM/H
- **Motor:** 550 Brushed Motor
- **Control Frequency:** 2.4GHz
- **Control Distance:** Up to 100 meters
- **Chassis Material:** High-strength Aluminum Alloy
- **Gear Material:** Zinc Alloy
- **Shock Absorbers:** Hardware Oil Pressure
- **Recommended Age:** 14 years and up
- **Package Dimensions:** 18.8 x 10.8 x 5.2 inches
- **Item Weight:** 6.34 pounds
- **Country of Origin:** China
- **Manufacturer:** GoolRC

## 9. WARRANTY AND SUPPORT

GoolRC is committed to providing high-quality products. For any issues, questions, or support needs regarding your WLtoys 104001 RC Car, please contact GoolRC customer service. Refer to the product packaging or the official GoolRC website for specific contact information and warranty details.

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### 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