



[Manuals.plus](#) /

> [Goolsky](#) /

> Goolsky WLtoys 124007 RC Car Instruction Manual

Goolsky WLtoys XKS 124007

Goolsky WLtoys 124007 RC Car Instruction Manual

Model: WLtoys XKS 124007 | Brand: Goolsky

INTRODUCTION

Thank you for purchasing the Goolsky WLtoys 124007 RC Car. This 1:12 scale remote control car features 4WD, a high-speed brushless motor, and a durable metal chassis, designed for all-terrain off-road racing. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your RC car.

PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact your retailer.

- 1x Goolsky WLtoys 124007 Remote Control Car
- 1x Remote Controller
- 1x 7.4V 2200mAh Car Battery
- 1x Charging Cable
- 1x Cross Wrench
- 1x Instruction Manual (This document)

Note: 2x AA batteries for the remote controller are not included.

PRODUCT FEATURES

High-Speed Performance

Equipped with a powerful and efficient brushless motor, this RC car converts electric energy into maximum power, achieving speeds up to 75km/h for an exhilarating racing experience.



Image: The Goolsky WLtoys 124007 RC Car, showcasing its dynamic design and speed potential.

2.4GHz Remote Control System

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.

HARDWARE OIL SHOCK ABSORBERS

Four-wheel independent shock absorber system, using hardware oil shock absorber, can effectively reduce the vibration when driving at high speed, make the ride smooth, meet obstacles can effectively reduce the impact force, and adaptable to multiple terrains.

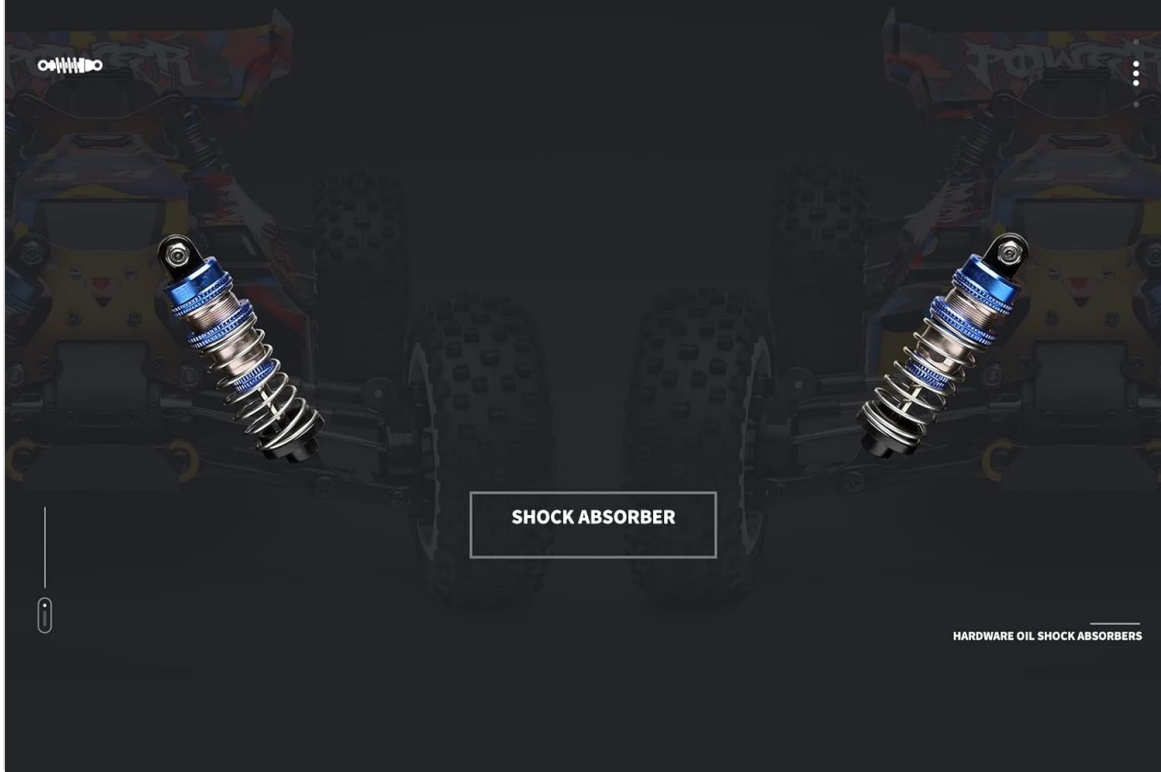
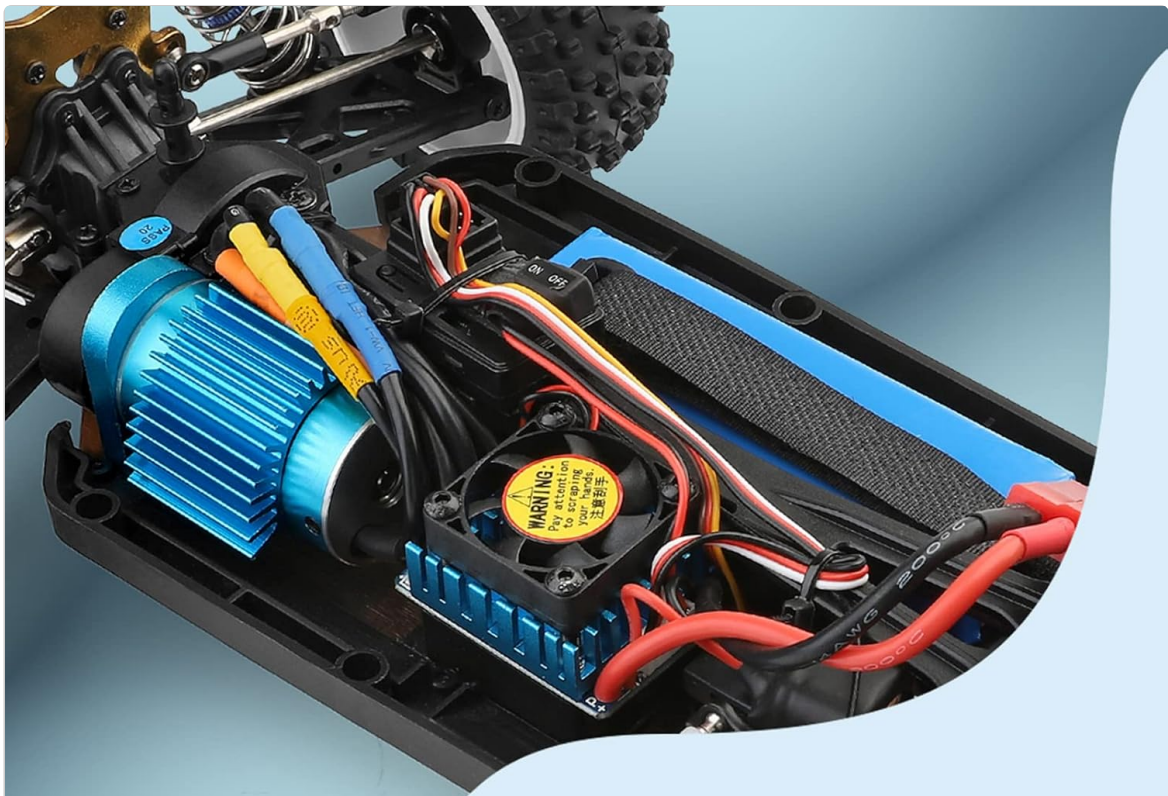


Image: The remote controller with labels for power LED, power switch, steering regulating wheel, throttle trigger, TH.TRIM, and ST.TRIM.

Durable Construction & Suspension

Features a four-wheel independent suspension system with hardware oil shock absorption to effectively reduce vibration and ensure a smooth ride over various terrains. The chassis is constructed from all zinc alloy gear for strong wear resistance and improved gear lifespan.



BRUSHLESS MOTOR

Using brushless motor, fast speed, high efficiency, speed up to 75Km/h. High quality motor to make horsepower more powerful, faster than the same type of car.

INDEPENDENT 60A ELECTRIC MODULATION · INDEPENDENT RECEIVER · INDEPENDENT STEERING GEAR
GOOD PERFORMANCE · STABLE SIGNAL · FLEXIBLE CONTROL

Image: Diagram showing the hardware oil shock absorbers and their function in reducing vibration.



Image: The all-metal chassis of the RC car, emphasizing its robust construction.

Integrated Mobile Phone Holder

The remote control includes a built-in mobile phone bracket, facilitating the use of an external camera for real-time control vision and an enhanced driving experience.



Image: The remote controller with a phone mounted, illustrating the integrated mobile phone holder feature.

All-Terrain Capability

Equipped with four large anti-slip wheels and shockproof springs, the car is stable and adaptable to various rough terrains, including beaches, snow, grass, mountain roads, and rocky paths.



Image: The RC car navigating a sandy environment, showcasing its ability to conquer various terrains.

SETUP GUIDE

1. Charge the Car Battery:

Connect the provided 7.4V 2200mAh car battery to the charging cable. Plug the charging cable into a suitable USB power source. The charging time is approximately 3 hours. Ensure the battery is fully charged before first use.

2. Install Remote Controller Batteries:

Open the battery compartment on the remote controller. Insert 2x AA batteries (not included), ensuring correct polarity. Close the battery compartment securely.

3. Power On Sequence:

First, turn on the remote controller. The indicator light should illuminate. Next, turn on the RC car. The car and controller should automatically pair. If pairing fails, turn both off and repeat the sequence.

4. Check Controls:

Before driving, gently test the steering and throttle to ensure proper response. Use the "Direction fine-tuning" and "Throttle trim" knobs on the remote controller to adjust if the car pulls to one side or

moves without throttle input.

OPERATING INSTRUCTIONS

Basic Controls:

- **Throttle Trigger:** Pull the trigger towards you to accelerate forward. Push the trigger away from you to brake or reverse.
- **Steering Regulating Wheel:** Turn the wheel left to steer the car left, and right to steer the car right.
- **Direction Fine-Tuning (ST.TRIM):** Adjust this knob if the car does not drive straight when the steering wheel is centered.
- **Throttle Trim (TH.TRIM):** Adjust this knob if the car moves forward or backward when the throttle trigger is in the neutral position.

Driving Tips:

- Always operate the RC car in open areas, away from people, pets, and obstacles.
- Avoid driving in wet conditions or through deep puddles to prevent damage to electronic components.
- Practice gentle throttle and steering inputs initially to get accustomed to the car's responsiveness.
- The car's working time is approximately 8 minutes on a full charge. Monitor battery levels to avoid sudden power loss.

MAINTENANCE

- **Cleaning:** After each use, especially in dusty or dirty environments, clean the car with a soft brush or compressed air to remove debris from the chassis, wheels, and suspension components. Do not use water directly on electronic parts.
- **Battery Care:**
 - Always fully charge the car battery before storage.
 - Do not overcharge or over-discharge the battery.
 - Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
 - Remove batteries from the remote controller if not used for extended periods.
- **Inspections:** Regularly check for loose screws, damaged parts, or worn tires. Tighten any loose fasteners. Replace damaged components promptly to maintain performance and safety.
- **Lubrication:** Periodically apply a small amount of RC-safe lubricant to moving parts like gears and universal joints to reduce wear and friction.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Car does not respond to remote.	Low car battery. Low remote controller batteries. Car and remote not paired. Out of range.	Charge car battery. Replace remote controller batteries. Re-pair car and remote (power remote first, then car). Bring car closer to remote.
Car drives crooked.	Steering trim needs adjustment. Damaged steering components.	Adjust ST.TRIM knob on remote. Inspect and replace damaged parts.
Car moves without throttle input.	Throttle trim needs adjustment.	Adjust TH.TRIM knob on remote.
Reduced speed or power.	Low car battery. Motor or ESC overheating. Debris in drivetrain.	Recharge car battery. Allow car to cool down. Clean drivetrain components.

SPECIFICATIONS

Model	Wltoys XKS 124007
Scale	1:12
Main Material	Alloy, PA, PVC
Maximum Speed	75km/h
Frequency	2.4GHz
Motor	Brushless Motor
Charging Time	Approximately 3 hours
Working Time	Approximately 8 minutes
Remote Control Distance	Approximately 100 meters
Car Battery	7.4V 2200mAh (Included)
Remote Controller Battery	2*AA Battery (Not Included)
Car Dimensions	35.6 x 20.8 x 11 cm (18.19 x 8.98 x 6.1 inches)
Car Weight	931g (4.44 pounds)
Recommended Age	16 years and up

PRODUCT DEMONSTRATION VIDEO

Your browser does not support the video tag.

Video: A demonstration of the Goolsky WLtoys 124007 RC Car in action, showcasing its speed, maneuverability, and ability to handle various terrains and obstacles.

SAFETY INFORMATION

- This product is not a toy. It is recommended for users aged 16 and above.
- Always operate the RC car in a safe environment, away from public roads, pedestrians, and animals.
- Do not operate the car near water, heat sources, or in adverse weather conditions (rain, snow, strong winds).
- Keep hands, hair, and loose clothing away from moving parts (wheels, gears, motor).
- Never attempt to modify or disassemble the electronic components of the car or remote control.
- Use only the original charging cable and battery provided with the product.
- Adult supervision is recommended for younger users.

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact your original retailer or the Goolsky customer service department. Keep your purchase receipt as proof of purchase.

Please refer to the product packaging or the official Goolsky website for the most up-to-date warranty terms and contact information.