

WLtoys 104019

WLtoys 104019 High-Speed RC Car Instruction Manual

Model: 104019

IMPORTANT SAFETY INFORMATION

Read all instructions carefully before operating the vehicle. Failure to follow these instructions may result in injury or damage to the product.

- This is a high-speed remote control car. It is recommended for use in open areas to avoid collisions with obstacles, people, or pets.
- Recommended minimum age for operation is 14 years.
- Keep hands, face, and loose clothing away from all moving parts during operation.
- Do not operate the vehicle in wet conditions or near water.

PACKAGE CONTENTS

Verify that all items are present in your package:

- WLtoys 104019 RC Car
- 2.4G Remote Control
- 7.4V 2200mAh Lithium-Ion Battery
- USB Charging Cable
- English Instruction Manual
- Basic Tools (e.g., screwdriver)
- Small Spare Parts (e.g., adapter, screws)

Product Information

NO.104019

Name.

1:10 Electric Four Drive Big-legged Car

Size.

38×27.5×19.5cm

Box size.

40×29×21cm

Mode.

2.4GHz (Control Distance is about 100m)

Motor.

3660 Brushless Motor

Battery.

7.4V 2200mAh *1

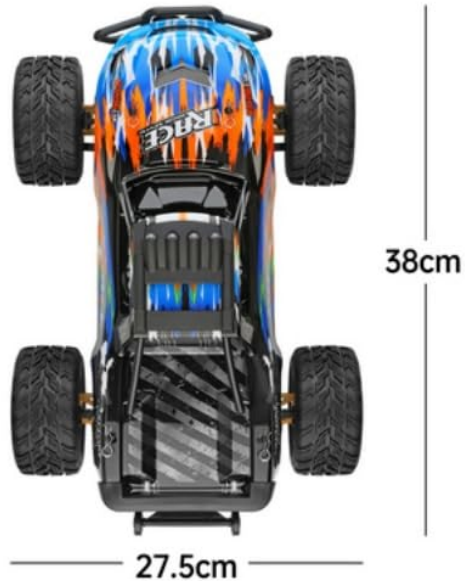


Image: The WLtoys 104019 RC car, remote control, battery, charger, and small tools included in the package.

SETUP

1. Battery Charging

1. Ensure the battery has some remaining power before charging. A completely empty battery may not initiate charging.
2. Disconnect the battery from the RC car's wiring.
3. Connect the battery to the USB charging cable.
4. Plug the USB charging cable into a suitable USB power source (e.g., computer USB port, USB wall adapter).
5. Charge the battery for approximately 3 hours.
6. Once charging is complete, disconnect the battery from the charger.

Important Battery Notice:

- Always disconnect the battery from the car's wiring when not in use or during charging to prevent potential damage to the battery.
- If storing the RC car for an extended period, fully charge the battery before disconnecting and storing it.

2. Installing the Battery

1. Locate the battery compartment on the RC car.
2. Carefully insert the charged battery into the compartment.
3. Connect the battery connector to the car's power connector.
4. Secure the battery compartment cover.

3. Remote Control Setup

1. Install the required batteries (typically AA, not included) into the remote control.
2. Turn on the remote control.
3. Turn on the RC car. The car and remote should automatically pair. If not, refer to the remote control's specific pairing instructions.

OPERATING INSTRUCTIONS

The WLtoys 104019 is a high-speed RC car designed for off-road racing. It features a 2.4GHz remote control system for a control distance of up to 100 meters.

Basic Controls

- **Throttle Trigger:** Pull the trigger to accelerate forward. Push the trigger forward to brake or reverse.
- **Steering Wheel:** Turn the wheel left to steer the car left, and turn it right to steer right.

Driving Tips

- Always operate the RC car in open, clear areas free from obstacles, people, and pets to prevent accidents due to its high speed.
- The four-wheel independent suspension system and simulated metal oil pressure shock absorbers allow the car to effectively reduce impact force and adapt to various terrains, including mountain, track, gravel, and road.
- The car is equipped with LED searchlights and headlights, enhancing visibility and making night driving more engaging.
- A robust rolling frame is integrated into the design to help prevent the car from flipping over during aggressive driving or on rugged surfaces.

Electric Four drive Big-legged car

Brushless motor Version



3600

Brushless Motor



55 KM/H

Max Speed



2.4 GHz

Remote Control



100 M

Control Distance

Image: The RC car's four-wheel independent suspension system is shown adapting to mountain, track, gravel, and road terrains.



Image: The RC car features LED searchlights for night driving and a rolling frame to prevent rollovers.

MAINTENANCE

General Cleaning

- After each use, gently clean the car to remove dirt, dust, and debris. Use a soft brush or cloth.
- Avoid using water directly on electronic components.

Battery Care

- Always disconnect the battery from the car when not in use.
- Do not overcharge or over-discharge the battery.
- Store batteries in a cool, dry place, away from direct sunlight or extreme temperatures.

Component Inspection

- Regularly check for loose screws or damaged parts. Tighten any loose screws.
- The car features all-metal gears and a metal chassis for enhanced durability. Inspect these components for any signs of wear or damage.
- Inspect the simulated metal oil pressure shock absorbers for proper function and any leaks.

TROUBLESHOOTING

Car Not Responding

- Ensure both the car and remote control are powered on.

- Check if the car's battery is charged and properly connected.
- Verify that the remote control batteries are installed correctly and have sufficient power.
- If the car and remote are not paired, turn both off and then on again to re-establish connection.

Battery Not Charging

- Ensure the battery is not completely depleted. A completely empty battery may not initiate charging.
- Confirm the battery is disconnected from the car before connecting to the charger.
- Check the USB charging cable and power source for proper function. Try a different USB port or adapter.

Reduced Performance / Speed

- The battery may be low. Recharge the battery fully.
- Inspect wheels and axles for obstructions (e.g., tangled hair, debris) or damage.
- Ensure all metal gears are clean and functioning smoothly.
- Check for any damage to the motor or electronic speed controller.

SPECIFICATIONS

The WLtoys 104019 is a 1:10 scale electric four-wheel drive RC car featuring a powerful brushless motor for high performance.



Image: Close-up of the 3660 brushless motor (3500KV) and an illustration of high-speed ball bearings, which reduce friction and improve power transmission efficiency.

WLtoys 104019 Key Specifications

Feature	Detail
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Feature	Detail
Model Number	GL-104019 1B
Scale	1:10
Motor Type	3660 Brushless Motor (3500KV)
Max Speed	55 KM/H
Control Frequency	2.4 GHz
Control Distance	Approximately 100 meters
Battery	7.4V 2200mAh Lithium-Ion
Charging Time	Approximately 3 hours
Usage Time	Approximately 8 minutes (with 2200mAh battery)
Material	Metal components, PVC body
Item Weight	1 Kilogram
Item Dimensions	11.81 x 9.84 x 5.91 inches (30 x 25 x 15 cm)



Image: Side profile of the WLtoys 104019 RC car highlighting its 3600 brushless motor, 55 KM/H max speed, 2.4 GHz remote control, and 100m control distance.

WARRANTY INFORMATION

This WLtoys 104019 RC Car comes with a **30-day warranty** from the date of purchase. This warranty covers manufacturing defects under normal use.

The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, improper maintenance, or normal wear and tear.

Please retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact your retailer or visit the official WLtoys brand store for more information and support resources.

You can visit the WLtoys store at: [WLtoys Official Store](#)