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WLtoys 144010

WLtoys 144010 Brushless 4WD High-Speed RC Car Instruction Manual

Brand: WLtoys | Model: 144010

INTRODUCTION

This manual provides essential information for the safe and effective operation and maintenance of your WLtoys 144010 Brushless 4WD High-Speed RC Car. Please read all instructions carefully before use to ensure optimal performance and longevity of your product.

WHAT'S IN THE Box

- 1 X RC Car
- 1 X Remote Control
- 1 X Manual
- 1 X USB Charging Cable
- 1 X Zinc Alloy Cross Sleeve
- 1 set X Battery

SPECIFICATIONS

Product Dimensions	12.2 x 8.27 x 4.33 inches
Item Weight	2.2 pounds
Item Model Number	144010

Manufacturer Recommended Age	14 years and up
Batteries	1 Lithium Polymer battery required (included)
Max Speed	75 KM/H
Control Distance	About 100 meters
Charging Time	About 3 hours
Usage Time	About 8 minutes
Motor Type	Brushless Motor

SETUP

Battery Installation

Ensure the vehicle is powered off before installing or removing the battery. Carefully connect the battery to the vehicle's power port, ensuring correct polarity. Secure the battery within its compartment to prevent movement during operation.

144010**1*1500mAh Battery+Foam Box**

Image: WLtoys 144010 RC Car with included accessories, highlighting the battery and remote control.

Controller Setup

Insert the required batteries into the remote control. Power on the remote control, then power on the RC car. The remote control operates on a 2.4GHz radio system, offering anti-jamming capability and a control distance of approximately 100 meters.

OPERATING INSTRUCTIONS

Basic Controls

Use the remote control to steer the vehicle. The throttle controls forward and reverse movement, while the steering wheel controls left and right turns. Familiarize yourself with the controls in an open area before attempting high-speed maneuvers.

Driving on Different Terrains

The WLtoys 144010 is designed for off-road use with its 4WD system and hardware oil pressure shock absorbers. It can adapt to various terrains including dirt, grass, and sand. Avoid deep water or extremely muddy conditions to prevent damage to electronic components.

Video: Demonstrates the WLtoys 144010 RC Car's performance on various terrains, showcasing its 4WD and high-speed capabilities.

Performance Features

Equipped with a super brushless motor, the vehicle can reach a top speed of 75 KM/H. The all-metal chassis design provides strong stability and durability. Hardware oil pressure shock absorbers ensure precise shock absorption for a smooth ride.

144010 2*1500mAh Battery+Foam Box

The image shows the WLtoys 144010 RC Car with its dimensions: 11 cm height, 20.5 cm width, and 31 cm length. The car is yellow and red with 'ZIG6 evolution' and 'RSR' branding. It includes a speedometer icon indicating a max speed of 75KM/H. A red circle with a plus sign is positioned next to the car. Below the car are three boxes: 'Accessories' (containing a remote control, USB cable, and tools), '2*1500mAh Battery' (containing two blue batteries with red cables), and 'Foam Box' (containing a yellow foam box).

MAX SPEED

75KM/H

11 cm

20.5 cm

31 cm

RC Car without battery

+

Accessories

2*1500mAh Battery

Foam Box

Image: The WLtoys 144010 RC Car in action on a track, highlighting its speed and agility.

PRODUCT INFORMATION

NO.144010

Name.
1:14 Electric 4WD Brushless OFF-road vehicles

Max speed.
75Km/h

Size.
31×20.5×11m

Use time.
About 8 min

Box size.
41.5×22.7×14cm

Charging time.
About 3 hours

Mode.
2.4GHz (Control Distance: about 100m)

Motor.
Brushless motor

Battery.
7.4V 1500mAh *1



Image: Detailed view of the WLtoys 144010 RC Car's all-metal chassis, emphasizing its robust construction.

MAINTENANCE

General Care

After each use, clean the vehicle to remove dirt, dust, and debris. Inspect all moving parts for wear and tear. Ensure all screws and fasteners are tight. Store the vehicle in a dry, cool place away from direct sunlight.

Battery Care

Always use the provided USB charging cable for charging. Do not overcharge or completely discharge the battery. Disconnect the battery from the vehicle when not in use. Store batteries in a safe, cool place.

Component Inspection

Regularly check the zinc alloy gears for any signs of damage or excessive wear. Inspect the hardware oil pressure shock absorbers for leaks or reduced performance. Ensure wheel nuts are tight before each run to prevent loss.

TROUBLESHOOTING

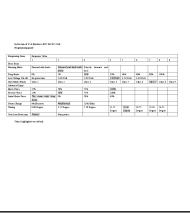
Common Issues

- Vehicle stops working in water:** The vehicle is not fully waterproof. Avoid driving in deep water or prolonged exposure to moisture. If it stops, dry it thoroughly before attempting to restart.
- Loss of control/range:** Ensure the remote control batteries are charged and there are no strong interference sources nearby. The 2.4GHz system is designed to minimize interference, but extreme

conditions can affect performance.

- **Loose wheel nuts:** Regularly check and tighten wheel nuts before each operation to prevent them from coming off during high-speed driving.

Related Documents - 144010

	<p>WLtoys 144010 V8 RC Car User Manual and Assembly Guide</p> <p>This user manual provides essential safety information, technical specifications, and detailed assembly instructions for the WLtoys 144010 V8 1:14 scale high-speed RC car. It also includes a comprehensive parts list for easy identification.</p>
	<p>WLtoys 104001 RC Car Driving Techniques and Guide</p> <p>Learn essential driving techniques for the WLtoys 104001 RC car, covering speed control, obstacle navigation, and track driving for enhanced performance and enjoyment.</p>
	<p>WLtoys 1/16 RC Car Transmitter Functions and Operation Guide</p> <p>A comprehensive guide detailing the functions and operation of the WLtoys 1/16 scale RC car transmitter, covering controls, indicators, and modes for optimal performance.</p>
	<p>WLtoys RC Car Safety, Operation, and Maintenance Guide</p> <p>Comprehensive guide for WLtoys RC cars covering safety precautions, handling batteries, troubleshooting, operating instructions, and maintenance tips.</p>
	<p>WLtoys 284161 1:28 Electric 4WD Short Truck User Manual</p> <p>Comprehensive user manual for the WLtoys 284161 1:28 scale electric 4WD short course RC truck, detailing assembly, parts, and operation. Includes safety guidelines and parts list.</p>
	<p>Instruction Manual for 35A Brushless ESC for RC Cars</p> <p>This guide provides programming instructions for the 35A Brushless Electronic Speed Controller (ESC) used in RC cars, specifically the WLtoys L202 model. It details various programming parameters, including running modes, drag brake, low voltage cut-off, punch, reverse force, timing, and overheat protection, along with a step-by-step programming procedure.</p>