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Losi LOS03022T2

Losi 1/10 22S SCT Brushed RTR RC Truck Instruction Manual

Model: LOS03022T2

INTRODUCTION

The Losi 1/10 22S SCT Brushed RTR RC Truck is designed for enthusiasts seeking an exciting remote control driving experience. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new vehicle. Please read this manual thoroughly before operating the product.



Image: The Losi 1/10 22S SCT Brushed RTR RC Truck, showcasing its black body with yellow and white Kicker branding.

SAFETY INFORMATION

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product

before operating. Failure to operate the product correctly can result in damage to the product, personal property, and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. The product manual contains instructions for safety, operation, and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup, or use, in order to operate correctly and avoid damage or serious injury.

PACKAGE CONTENTS

- (1) 22S SCT RTR: 1/10 2WD Short Course Truck
- Product Manual

Please ensure all items are present upon unboxing. Additional items such as batteries and a charger are required for operation and are not included.

Needed to Complete



AA Batteries
x4



Battery



Charger

Image: Visual representation of items needed to complete the setup: 4 AA Batteries, a main vehicle battery, and a charger.

FEATURES

- **Superior RC Truck:** The Losi 22S SCT RTR is designed for new RC enthusiasts, offering thrills with big air, blazing speeds, and responsive cornering.
- **Optimal Performance:** Equipped with a powerful Dynamite 12T 550 brushed motor, providing excellent torque and top speed.
- **Durable Design:** Features race-proven suspension geometry from the TLR 22SCT, ensuring robust handling and performance.
- **Easy Maintenance:** User-friendly design with hard-mounted electronics and bottom-loading battery access for hassle-free use.

- **Ready-to-Run:** Comes nearly complete out of the box; just add your preferred batteries and charger.

SETUP

1. Install Transmitter Batteries

1. Open the battery compartment on the back of the transmitter.
2. Insert four (4) AA batteries, ensuring correct polarity.
3. Close the battery compartment securely.

2. Charge and Install Vehicle Battery

1. Charge your chosen 2S LiPo or 7.2V NiMH battery using a compatible charger (not included) according to the battery and charger manufacturer's instructions.
2. Remove the body clips and lift the truck body.
3. Access the battery compartment located at the bottom of the chassis.
4. Securely place the charged battery into the compartment and connect it to the ESC (Electronic Speed Control).
5. Reattach the truck body and secure with body clips.



Image: The chassis of the Losi 22S SCT, illustrating the layout of the electronics and the bottom-loading battery tray.

OPERATING INSTRUCTIONS

1. Power On Sequence

1. Turn on the transmitter first.
2. Then, turn on the vehicle's ESC. Wait for the ESC to initialize (indicated by LED lights and/or beeps).

2. Basic Controls

- **Throttle:** Pull the trigger on the transmitter to accelerate forward. Push the trigger away to brake or reverse.
- **Steering:** Turn the steering wheel on the transmitter left or right to control the vehicle's direction.

3. Driving Tips

- Always operate your RC truck in open areas free from obstacles, people, and pets.
- Avoid driving in wet conditions or through deep water to prevent damage to electronics, unless the

vehicle is specifically rated as waterproof.

- Practice gentle throttle and steering inputs to get a feel for the vehicle's response before attempting high-speed maneuvers.

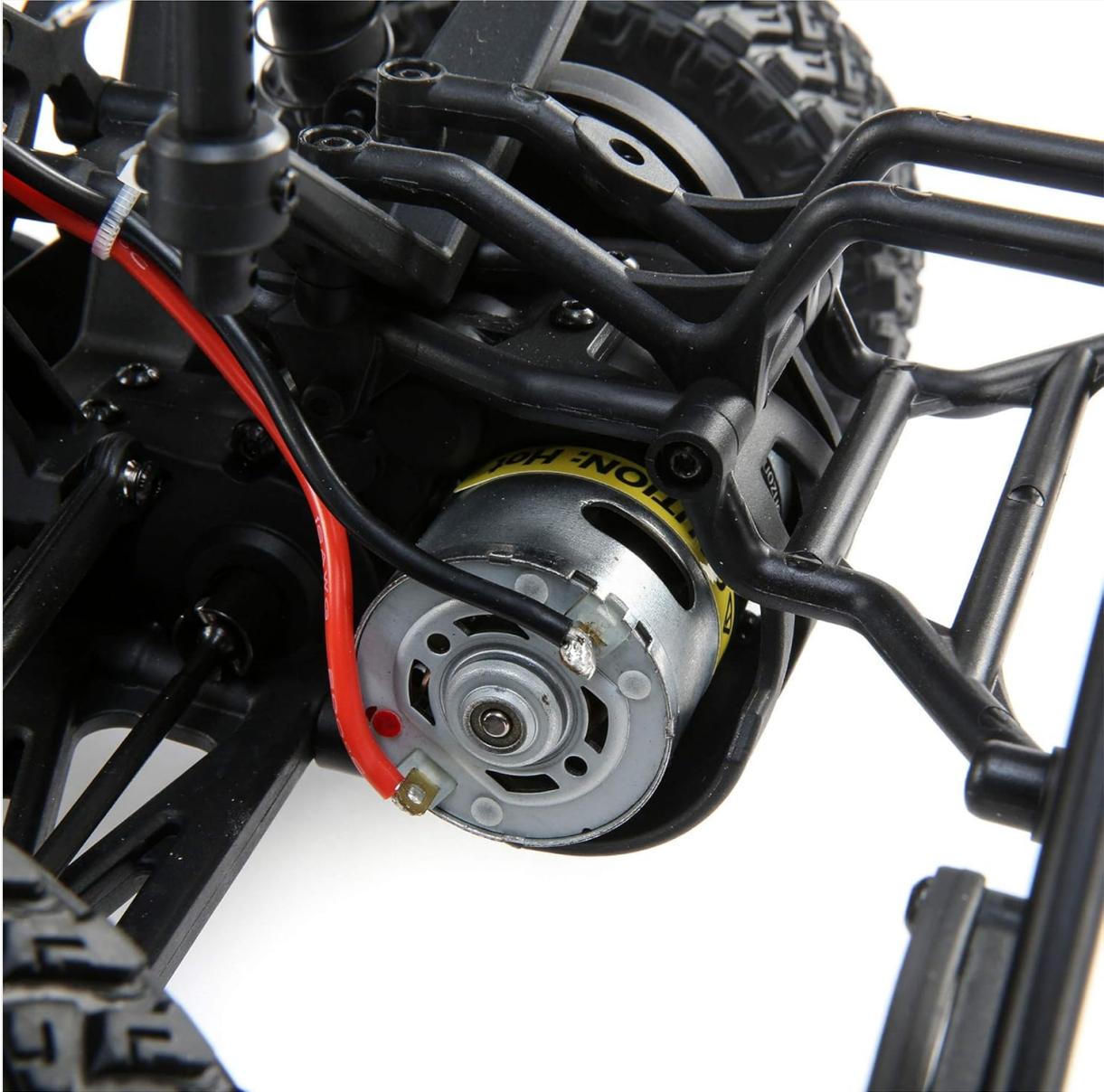


Image: The Losi 22S SCT navigating through a shallow puddle, highlighting its robust construction.

MAINTENANCE

- **Cleaning:** After each use, especially in dusty or dirty conditions, clean the truck with a soft brush or compressed air. Avoid using water directly on electronics.
- **Inspections:** Regularly check all screws, nuts, and bolts for tightness. Inspect suspension components, drive shafts, and gears for wear or damage.
- **Motor Care:** The brushed motor may require occasional cleaning and brush replacement depending on usage. Refer to the motor's specific maintenance guidelines.
- **Battery Storage:** Store LiPo batteries at a storage voltage (typically 3.8V per cell) and NiMH batteries fully charged in a cool, dry place.



Image: Detailed view of the Dynamite 12T 550 brushed motor, a key component for the truck's performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to transmitter.	Low transmitter/vehicle battery, not bound, ESC not armed.	Replace/charge batteries, re-bind transmitter/receiver, ensure proper power-on sequence.
Poor steering response.	Steering trim incorrect, damaged servo, loose linkages.	Adjust steering trim, inspect/replace servo or linkages.
Motor runs but wheels do not turn.	Damaged gears, loose drive shaft.	Inspect/replace gears, secure drive shaft.

SPECIFICATIONS

- **Product Dimensions:** 27 x 12 x 9 inches
- **Item Weight:** 4.01 pounds
- **Item Model Number:** LOS03022T2

- **Manufacturer Recommended Age:** 14 years and up
- **Release Date:** October 1, 2020
- **Manufacturer:** Losi

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the official Losi or Horizon Hobby website. Keep your proof of purchase for any warranty claims.