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Losi LOS01015T3

Losi 1/18 Mini-T 2.0 2WD Stadium RC Truck Instruction Manual

Model: LOS01015T3 | Brand: Losi

1. INTRODUCTION

The Losi Mini-T 2.0 1/18th-scale 2WD Truck is a reinvention of the original Mini-T, incorporating modern technology and Team Losi Racing engineering. This model offers features and options previously unavailable in its class. With updated suspension geometry derived from the TLR 22 platform and the inclusion of waterproof electronics with a 2.4Ghz radio system, the Mini-T 2.0 sets a new standard for mini RC vehicles.

Designed for RC enthusiasts seeking a compact vehicle with the performance characteristics of a 1/10 scale model, the Mini-T 2.0 features a mid-motor configuration for improved balance, oil-filled shocks, an aluminum chassis, and a comprehensive range of option parts. It comes as a total ready-to-run package, delivering TLR engineering and performance in a 1/18th size.

For detailed information on waterproof standards, please refer to the complete product instruction manual available as a PDF: [Losi Mini-T 2.0 User Manual PDF](#).

2. 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.

3. KEY FEATURES

- **Scaled Down Version:** A scaled-down version of the Team Losi Racing 1/10th 22T Stadium Truck.

- **Mid Motor Configuration:** Provides a better-balanced chassis for improved performance on various surfaces, balancing steering and traction.
- **Durable Aluminum Chassis:** Enhances strength and durability while significantly improving overall performance.
- **Adjustable Shocks:** Injection-molded shocks feature threaded shock collars for easy preload and ride height adjustments.
- **Ready-To-Run (RTR):** Fully assembled and ready to operate right out of the box, with all necessary components included.
- **Waterproof Electronics:** Equipped with waterproof electronics for enhanced durability in various conditions.
- **Full Ball Bearings:** (less steering) for smooth operation and reduced friction.
- **Servo Saver:** Protects the steering servo from impact damage.
- **BK Bar Tires with Dish Wheels:** Optimized for traction and performance.



Image: The Losi Mini-T 2.0 RC Truck, showcasing its compact design and vibrant livery.

4. WHAT'S IN THE BOX

The Losi Mini-T 2.0 RTR Truck comes as a complete package, meaning everything required to get started is included:

- (1) Losi 1/18 Mini-T 2.0 RTR Truck
- (1) 3-CH 2.4GHz Transmitter
- (1) ESC/Receiver 2.4GHz
- (1) Dynamite 7.4V 650mAh 2S 20C EC2 LiPo Hardcase Battery
- (1) Dynamite USB 2S LiPo charger
- (1) Spektrum™ SX107 Micro Metal Gear Servo
- (1) Dynamite® 47T 280 Brushed Motor
- (4) AAA batteries (for transmitter)

No additional items are needed to complete the setup and begin operation.

Needed to Complete



Image: An icon representing a USB power supply, which is included for charging the battery.

5. SETUP GUIDE

5.1 Charging the Battery

1. Connect the included Dynamite USB 2S LiPo charger to a compatible USB power supply (e.g., a wall adapter, computer USB port).
2. Connect the Dynamite 7.4V 650mAh 2S 20C EC2 LiPo Hardcase Battery to the charger. Ensure the connection is secure.
3. Observe the charger's indicator light. It will typically show a specific color (e.g., red) during charging and change to another color (e.g., green) when charging is complete. Refer to the charger's specific instructions for light indications.
4. Once fully charged, disconnect the battery from the charger.

5.2 Installing Batteries in the Transmitter

1. Locate the battery compartment on the back of the 3-CH 2.4GHz Transmitter.
2. Open the battery compartment cover.
3. Insert the four (4) included AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

5.3 Installing the Vehicle Battery

1. Ensure the vehicle's power switch is in the OFF position.
2. Locate the battery compartment on the Mini-T 2.0 truck.
3. Carefully insert the charged LiPo battery into the compartment.
4. Connect the battery to the ESC/Receiver's power connector. Ensure a firm connection.
5. Secure the battery compartment cover or strap.



Image: The chassis of the Mini-T 2.0, illustrating the layout of the battery and electronic components.

6. OPERATING INSTRUCTIONS

6.1 Powering On and Binding

1. Turn on the transmitter first.
2. Then, turn on the power switch on the Mini-T 2.0 truck.
3. The ESC/Receiver will automatically bind with the transmitter. A solid light on the receiver indicates a successful bind.

6.2 Driving the Vehicle

- **Steering:** Use the steering wheel on the transmitter to control the direction of the truck (left/right).
- **Throttle:** Use the trigger on the transmitter to control speed and direction (forward/reverse/brake).
 - Pull the trigger back for forward motion.
 - Push the trigger forward for brake.
 - Push the trigger forward again for reverse.
- **Trim Adjustments:** Use the steering trim and throttle trim dials on the transmitter to fine-tune the vehicle's straight-line tracking and neutral throttle position.

6.3 Waterproof Electronics

The Mini-T 2.0 is equipped with waterproof electronics, allowing for operation in damp conditions. However, it is important to note that "waterproof" does not mean the vehicle can be submerged. Avoid operating in standing water or extreme wet conditions. After running in wet conditions, always clean and dry the vehicle thoroughly to prevent corrosion and damage to components. Refer to the full instruction manual for specific waterproof standards and maintenance guidelines.



Image: The Mini-T 2.0 demonstrating its capability on a dirt track, highlighting its performance.

7. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Losi Mini-T 2.0. Perform these checks after every few runs or as needed:

- **Cleaning:** After each use, especially in dusty or dirty environments, clean the vehicle using a soft brush or compressed air to remove debris. Avoid using water directly on non-waterproof components.
- **Inspecting Fasteners:** Check all screws and nuts for tightness. Vibrations during operation can loosen fasteners.
- **Suspension Check:** Inspect the shocks for leaks and ensure smooth operation. Check suspension arms for any damage or cracks.
- **Drivetrain Inspection:** Check the gears for wear or damage. Ensure the motor pinion and spur gear mesh is correct.
- **Wheel and Tire Check:** Ensure wheels are securely attached and tires are not excessively worn or damaged.
- **Battery Care:** Always store LiPo batteries at a storage charge (around 3.8V per cell) if not using for extended periods.

Never fully discharge or overcharge LiPo batteries.



Image: A detailed view of the front wheel and suspension, emphasizing components that require regular inspection.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not turn on.	Battery not charged or connected; ESC/Receiver switch off; Transmitter batteries dead.	Charge vehicle battery; Ensure battery is connected; Turn on ESC/Receiver switch; Replace transmitter batteries.
No response from vehicle.	Not bound to transmitter; Out of range; Loose wiring.	Re-bind transmitter and receiver; Operate within range; Check all wiring connections.
Steering not straight.	Steering trim incorrect; Damaged steering linkage/servo.	Adjust steering trim on transmitter; Inspect steering components for damage.

Problem	Possible Cause	Solution
Motor runs but wheels don't turn.	Stripped spur gear or pinion; Loose wheel nuts; Damaged drivetrain.	Inspect and replace gears; Tighten wheel nuts; Check axles and differentials.

9. SPECIFICATIONS

Feature	Detail
Product Dimensions	17.7 x 8.1 x 5 inches (44.96 x 20.57 x 12.7 cm)
Item Weight	1.8 pounds (0.82 kg)
Model Number	LOS01015T3
Manufacturer Recommended Age	14 years and up
Batteries (Included)	4 AAA batteries (for transmitter), 1 Dynamite 7.4V 2S 650mAh 20C Li-Po Battery (for vehicle)
Release Date	September 1, 2020
Manufacturer	Losi

10. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Losi customer service or refer to the official Losi website. Horizon Hobby, LLC is the manufacturer and distributor of Losi products.

You can also refer to the comprehensive user manual PDF for detailed warranty terms and contact information[Losi Mini-T 2.0 User Manual PDF](#).

Visit the official Losi Store for more products and information[Losi Amazon Store](#).