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Maverick 150313

Maverick QuantumR Flux 4S 1/8 4WD Race Truck Instruction Manual

MODEL: 150313



1. Introduction

This manual provides essential information for the setup, operation, and maintenance of your Maverick QuantumR Flux 4S 1/8 4WD Race Truck. Please read this manual thoroughly before operating the vehicle to ensure proper function and safety.

The Maverick QuantumR Flux 4S 1/8 4WD Race Truck is a high-performance remote-controlled vehicle designed for speed and handling. It features a detailed body with replica roll bars, mirrors, and a rear spoiler, along with interchangeable hood accessories such as a supercharger or twin turbos. The chassis is optimized for speed runs, incorporating short aluminum shocks, short suspension arms, and 17mm hex hubs with Tredz belted Vortex tires. The vehicle is equipped with a robust drivetrain, including heavy-duty front CVDs, rear driveshafts, center driveshafts, and drive cups. Power is supplied by a FLX10-4S120 Flux 120A Waterproof ESC and a FLX10-3675-2250KV Flux Motor, capable of handling 4S LiPo batteries.



Figure 1: Side view of the Maverick QuantumR Flux 4S Race Truck, showcasing its design and roll bars.

2. What's in the Box

The following items are included with your Maverick QuantumR Flux 4S Race Truck:

- Maverick QuantumR Flux 4S Race Truck
- 2.4GHz Radio Transmitter
- Body Accessories (e.g., Supercharger with intake scoop, Twin Turbos with Front Mount Intercooler)
- Instruction Manual

3. Required for Operation (Not Included)

To operate the Maverick QuantumR Flux 4S Race Truck, the following items are required and must be purchased separately:

- 4x AA Batteries for the Transmitter
- 4S LiPo Battery for the Race Truck
- Compatible Battery Charger for the 4S LiPo Battery

4. Safety Information

WARNING: Recommended for ages 16 years and up.

Operating remote-controlled vehicles requires caution. Always ensure a safe operating environment, away from people, pets, and obstacles. Do not operate near public roads or in crowded areas. Always disconnect the battery when the vehicle is not in use and store batteries safely according to manufacturer guidelines.

This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, refer to Proposition 65 warnings.

5. Setup

5.1. Transmitter Battery Installation

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

5.2. Vehicle Battery Installation

1. Ensure the vehicle's power switch is in the OFF position.
2. Carefully remove the vehicle body to access the battery compartment.
3. Connect a fully charged 4S LiPo battery to the Electronic Speed Controller (ESC) connector.
4. Secure the battery within the compartment using the provided straps or trays.
5. Reattach the vehicle body.

5.3. Body Accessories Installation

The QuantumR Flux includes interchangeable hood accessories. Choose between the Supercharger with intake scoop or the Twin Turbos with Front Mount Intercooler.

1. Select your desired hood accessory.
2. Align the accessory with the designated mounting points on the vehicle body.
3. Secure the accessory using the provided fasteners or clips.



Figure 2: Front view of the Maverick QuantumR Flux 4S Race Truck, showing the installed supercharger accessory.

6. Operating Instructions

6.1. Powering On

1. Turn on the 2.4GHz Radio Transmitter first.
2. Turn on the power switch on the Maverick QuantumR Flux 4S Race Truck.
3. Wait for the transmitter and receiver to establish a connection (indicated by LED lights).

6.2. Basic Controls

- **Steering Wheel:** Controls left and right direction. Turn the wheel clockwise to steer right, counter-clockwise to steer left.
- **Throttle Trigger:** Controls forward and reverse movement, and braking.
 - Pull the trigger towards you for forward acceleration.
 - Push the trigger away from you for braking, then push again for reverse.

6.3. Driving Tips

The QuantumR Flux is designed for high-speed operation and superior handling. Practice in an open area to familiarize yourself with its responsiveness.

- Start with gentle throttle inputs to avoid loss of control, especially on high-traction surfaces.
- Utilize the vehicle's low stance and aerodynamic elements (front and rear splitter, diffuser) for stability during high-speed runs.
- The TREDZ Vortex belted tires provide high grip; monitor tire wear and condition for optimal performance.



Figure 3: Rear view of the Maverick QuantumR Flux 4S Race Truck, highlighting the rear spoiler and diffuser.

7. Maintenance

Regular maintenance ensures the longevity and performance of your QuantumR Flux Race Truck.

7.1. General Cleaning

- After each use, clean dirt and debris from the chassis, suspension components, and drivetrain using a soft brush or compressed air.
- Avoid using water directly on electronic components. If necessary, use a damp cloth and ensure components are completely dry before next use.

7.2. Component Inspection

Periodically inspect the following components:

- **Drivetrain:** Check Heavy Duty Front Universal Drive Shafts, Diff Cups, and Metal 4-Gear Differentials for wear or damage.
- **Suspension:** Inspect Oil Filled Adjustable Aluminum Coilover Shocks, Pillow Ball Front & Rear Suspension Uprights, and Heavy Duty Shock Shafts for leaks or damage.
- **Steering:** Verify the Dual Point Bell Crank Steering System with Integrated Servo Saver operates smoothly.
- **Tires:** Examine TREDZ Vortex belted tires for wear, cuts, or punctures.
- **Fasteners:** Ensure all screws and nuts are securely tightened.



Figure 4: Underside view of the Maverick QuantumR Flux 4S Race Truck chassis, showing the motor, ESC, and drivetrain components.



Figure 5: Close-up of the TREDZ Vortex belted tires, designed for high grip and durability.

8. Troubleshooting

This section addresses common issues you might encounter with your QuantumR Flux Race Truck.

Problem	Possible Cause	Solution
Vehicle does not respond to transmitter.	<ul style="list-style-type: none">Transmitter batteries low or incorrectly installed.Vehicle battery not charged or connected.Transmitter and receiver not bound.	<ul style="list-style-type: none">Replace transmitter batteries; check polarity.Charge vehicle battery; ensure secure connection.Refer to the transmitter manual for binding instructions.
Reduced power or short run time.	<ul style="list-style-type: none">Vehicle battery not fully charged.Battery degradation.Motor or ESC overheating.	<ul style="list-style-type: none">Ensure battery is fully charged before use.Consider replacing old batteries.Allow components to cool down. Avoid continuous high-stress operation.

Problem	Possible Cause	Solution
Steering issues (e.g., not turning, turning slowly).	<ul style="list-style-type: none"> • Servo arm loose or damaged. • Steering linkages obstructed or damaged. • Servo failure. 	<ul style="list-style-type: none"> • Inspect and tighten servo arm. • Clear obstructions; inspect linkages for damage. • Contact support for servo replacement if necessary.

9. Specifications

Feature	Detail
Model Number	MV150313
Drive System	4WD Shaft Drive
Motor	3674 2250KV Brushless Motor with 5.0mm Shaft
Electronic Speed Controller (ESC)	FLX10-4S120 Flux 120A Waterproof ESC (4S LiPo Capable)
Servo	15Kg Metal Gear Water-Resistant Servo
Radio System	2.4GHz Radio Set with Waterproof Receiver
Suspension	Independent Double Wishbone, Oil Filled Adjustable Aluminum Coilover Shocks
Differentials	Heavy Duty Metal 4-Gear Differentials (Front & Rear), Center Differential
Tires	TREDZ Vortex Belted Tires
Chassis	Molded Tub Chassis with Hex Pattern Reinforcement
Dimensions (L x W x H)	29.5 x 13.13 x 9.75 inches
Item Weight	10.2 pounds
Recommended Age	16 years and up

10. Warranty and Support

For detailed warranty information and technical support, please refer to the official Maverick RC website or contact their customer service directly. Keep your proof of purchase for warranty claims.



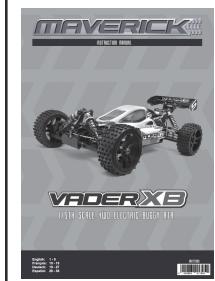
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A quick start guide for the Maverick Quantum+ Flux radio-controlled vehicle, covering setup, operation, maintenance, and troubleshooting.



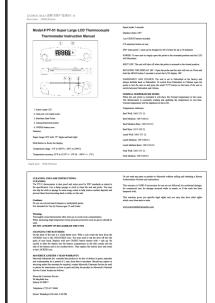
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