

RC4WD Z-RTR0061

RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR Instruction Manual

Model: Z-RTR0061

1. INTRODUCTION

The RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR (Ready-to-Run) is a high-performance remote-controlled vehicle designed for challenging terrains. This model is the result of a collaboration between Miller Motors and RC4WD, combining racing insight with scale engineering to deliver a robust and realistic rock racing experience.

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your RC4WD Miller Motorsports Pro Rock Racer. Please read this manual thoroughly before operating the vehicle to ensure proper function and longevity.

2. KEY FEATURES

- Contoured Scale Chassis Set
- Molded Lexan Body Panels
- Faux Fuel Cell
- Scale V8 Crate Engine Housing Assembly
- Functional Scale Transmission and Transfer Case (2-speed)
- Rock Crawler 2.2" Beadlock Wheels
- Grappler 2.2" Scale Tires
- Dual Spring Front and Rear Shocks
- High-clearance axles with offset front differential
- Traditional 4-link front suspension
- Trailing arm rear suspension with sway bars

3. COMPONENTS OVERVIEW

Your RC4WD Miller Motorsports Pro Rock Racer RTR package includes the following main components:

- Assembled RC4WD Miller Motorsports 1/10 Pro Rock Racer

- Transmitter (Remote Control)
- Contoured Scale Chassis Set
- Molded Lexan Body Panels
- Functional Scale Transmission
- Grappler 2.2" Scale Tires
- Rock Crawler 2.2" Beadlock Wheels

Note: 4 AA batteries are required for the transmitter and are not included.



Figure 1: Front-side view of the RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR.



Figure 2: Front view of the RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR, highlighting the front grille and bumper.



Figure 3: Side view of the RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR, showing the full profile and tire details.

4. SETUP

4.1 Unpacking and Inspection

1. Carefully remove all components from the packaging.
2. Inspect the vehicle and all accessories for any signs of damage during shipping. If any damage is found, contact your retailer immediately.
3. Ensure all listed components are present.

4.2 Battery Installation (Transmitter)

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

4.3 Initial Checks

Before first use, ensure all screws are tightened and moving parts operate smoothly. Check the suspension and drivetrain for any obstructions.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

- **Steering Wheel:** Turn left or right to control the vehicle's direction.
- **Throttle Trigger:** Pull to move forward, push to brake/reverse.
- **Power Switch:** Turns the transmitter and vehicle on/off. Always turn on the transmitter first, then the vehicle. Turn off the vehicle first, then the transmitter.

5.2 2-Speed Transmission Operation

The RC4WD Miller Motorsports Pro Rock Racer features a functional 2-speed transmission. This allows for quick switching between low gear for crawling over rocky terrain and high gear for faster speeds on flat surfaces. Consult your transmitter's specific instructions for the gear shift button or lever location.

5.3 Driving Tips

- Start in an open area free of obstacles.
- Familiarize yourself with the controls at low speeds before attempting high-speed maneuvers.
- Avoid driving in water, mud, or extreme dust, as this can damage electronic components.
- Be mindful of battery life and stop operation when performance decreases to prevent over-discharging.

6. MAINTENANCE

6.1 Cleaning

- After each use, remove dirt, dust, and debris from the chassis, suspension, and drivetrain using a soft brush or compressed air.
- Wipe down the body panels with a damp cloth. Do not use harsh chemicals.

6.2 Inspection

- Regularly check all screws and fasteners for tightness.
- Inspect tires for wear and tear.
- Check the suspension components (shocks, links) for damage or bending.
- Examine the drivetrain (gears, driveshafts) for excessive wear or foreign objects.

6.3 Storage

Store the vehicle in a cool, dry place away from direct sunlight and extreme temperatures. Remove

batteries from the transmitter and vehicle if storing for extended periods.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to transmitter.	Low transmitter batteries; vehicle not powered on; binding issue.	Replace transmitter batteries; ensure vehicle power switch is ON; re-bind transmitter to vehicle (refer to transmitter manual).
Vehicle moves slowly or inconsistently.	Low vehicle battery; motor/drivetrain obstruction; gear issues.	Charge vehicle battery; check for debris in motor/gears; inspect transmission for proper engagement.
Clicking sound from drivetrain.	Damaged or misaligned gears in transmission/differential.	Inspect gears for damage; ensure proper mesh. If issues persist, contact RC4WD support.
Steering not working or erratic.	Damaged servo; loose steering linkage; low battery.	Check servo connection; tighten steering linkages; ensure batteries are charged.

8. SPECIFICATIONS

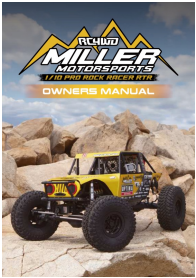

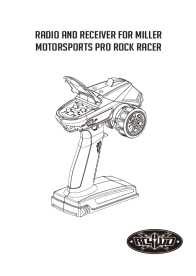
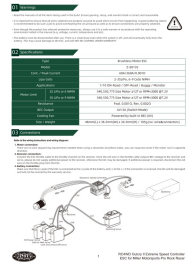
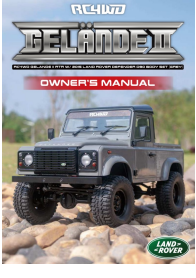
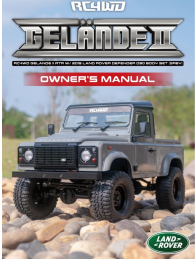
Attribute	Detail
Brand	RC4WD
Model Number	Z-RTR0061
Product Dimensions	27.1 x 15.1 x 10.5 inches
Item Weight	6.82 pounds
Recommended Age	14 years and up
Batteries Required	4 AA batteries (for transmitter)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact RC4WD directly. Details regarding warranty coverage, terms, and conditions are typically provided with the product packaging or can be found on the manufacturer's official website.

You can visit the official RC4WD store for more information and support resources:[RC4WD Store on Amazon](#).

Related Documents - Z-RTR0061

	<p>RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR Owner's Manual</p> <p>Discover the RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR owner's manual. This guide provides essential assembly tips, safety information, warranty details, and regulatory compliance for operating your RC vehicle.</p>
	<p>RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR Owners Manual</p> <p>Official owners manual for the RC4WD Miller Motorsports 1/10 Pro Rock Racer RTR. Includes recommended tools, assembly tips, warranty information, safety guidelines, quick start, and troubleshooting for this radio-controlled vehicle.</p>
	<p>RC4WD Radio and Receiver for Miller Motorsports Pro Rock Racer User Manual</p> <p>This user manual provides instructions for setting up, binding, and operating the RC4WD Radio and Receiver system for the Miller Motorsports Pro Rock Racer, including details on transmitter controls, receiver connections, and safety precautions.</p>
	<p>RC4WD Outcry II Extreme Speed Controller ESC Z-E0135 User Manual</p> <p>User manual and setup guide for the RC4WD Outcry II Extreme Speed Controller (ESC) Z-E0135, detailing specifications, connections, setup, programming, and troubleshooting for RC vehicles.</p>
	<p>RC4WD Gelände II RTR Land Rover Defender D90 Body Set (Grey) - Owner's Manual</p> <p>Comprehensive owner's manual for the RC4WD Gelände II RTR with the 2015 Land Rover Defender D90 Body Set in Grey. Includes assembly tips, warranty information, safety precautions, electronic component setup, and maintenance guidelines.</p>
	<p>RC4WD Gelände II RTR W/ 2015 Land Rover Defender D90 Body Set (Grey) Owner's Manual</p> <p>This owner's manual for the RC4WD Gelände II RTR W/ 2015 Land Rover Defender D90 Body Set (Grey) (Z-RTR0065) provides comprehensive instructions on assembly, operation, safety, battery management, warranty, and parts. It guides users through setting up and enjoying their radio-controlled scale model.</p>

