

EAZYRC FCX24 Power Wagon

EAZYRC FMS FCX24 Power Wagon 1/24 RC Crawler Instruction Manual

Model: FCX24 Power Wagon

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your EAZYRC FMS FCX24 Power Wagon 1/24 RC Crawler. Please read this manual thoroughly before operating the vehicle to ensure proper function and safety.

1.1 Product Overview

The EAZYRC FMS FCX24 Power Wagon is a 1/24 scale remote-controlled rock crawler designed for off-road enthusiasts. It features a durable PC hard body with realistic details, a powerful brushless motor, a 2-speed transmission, and a robust 4x4 drivetrain with portal axles for superior performance on various terrains.



Image: The EAZYRC FMS FCX24 Power Wagon RC Crawler, its remote control, and packaging, highlighting the product's readiness for use.

1.2 Key Features

- **Scale Hard Body:** Features a green metallic PC hard body with opening doors and hood for enhanced realism and durability.
- **Brushless Power System:** Equipped with a 1212-3200KV brushless motor for linear throttle response, powerful low-end torque, and quiet operation.
- **Portal Axles & 4WD Drivetrain:** Provides full-time 4x4 drive and high-clearance portal axles to navigate challenging terrain effectively.
- **2-Speed Transmission:** Allows switching between high-speed trail cruising and low-speed crawling for versatile performance.
- **All-Metal Suspension:** Durable construction with metal oil-filled shocks and rugged chassis links for long-term reliability.



Image: An overview of the FMS FCX24 Power Wagon highlighting its key features such as 4WD, realistic appearance, 2.4GHz control, brushless motor, 2-speed transmission, and metal components.

1.3 What's in the Box

Upon unboxing, verify that all components are present:

- EAZYRC FMS FCX24 Power Wagon RC Crawler
- Remote Control (Transmitter)
- Battery (for the vehicle)
- Charger
- Charging Cable
- Product Manual (this document)
- Decal Sheet (for customization)



Image: The complete set of items included in the box: the RC crawler, its remote, battery, charger, and the instruction manual.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- This product is recommended for users aged 16 years and up.
- Keep fingers, hair, and loose clothing away from moving parts.
- Do not operate the RC crawler near people, pets, or obstacles.
- Avoid operating in wet conditions or near water unless specifically designed for it (this model has a

splash-proof motor, but is not fully waterproof).

- Always turn off the vehicle and remote control when not in use.
- Use only the provided charger and battery. Do not overcharge the battery.
- Store the product in a cool, dry place away from direct sunlight.
- For external use only.

3. SETUP

Follow these steps to prepare your RC crawler for its first use.

3.1 Charging the Vehicle Battery

1. Connect the provided charging cable to the charger.
2. Connect the battery to the charging cable.
3. Plug the charger into a suitable power outlet.
4. Allow the battery to charge fully. Refer to the charger's indicator lights for charging status.
5. Once charged, disconnect the battery from the charger.

3.2 Installing the Vehicle Battery

1. Locate the battery compartment on the RC crawler chassis. This model features an easy quick-release design for the body.
2. Carefully insert the charged battery into the compartment.
3. Secure the battery in place and close the compartment cover.

EASY TO ASSEMBLE QUICK-RELEASE DESIGN



Image: The FMS FCX24 chassis with the body detached, illustrating the quick-release design for easy access to internal components like the battery.

3.3 Remote Control Setup

The remote control requires 1 9V battery (included).

1. Open the battery compartment on the back of the remote control.
2. Insert the 9V battery, observing the correct polarity (+/-).
3. Close the battery compartment.
4. Turn on the remote control.
5. Turn on the RC crawler using the accessible, waterproof power switch. The vehicle and remote should automatically pair.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features for optimal performance.

4.1 Basic Driving

- **Throttle Trigger:** Pull the trigger to move forward, push to brake or reverse. The brushless motor

provides linear throttle response.

- **Steering Wheel:** Turn the wheel left or right to steer the vehicle.

4.2 2-Speed Transmission

The FCX24 Power Wagon features a 2-speed transmission, allowing you to switch between high and low gears for different driving conditions.

- **Low Gear:** Ideal for technical crawling, steep climbs, and precise control. Provides maximum torque.
- **High Gear:** Suitable for faster trail cruising and covering ground quickly.

Refer to your remote control's manual for the specific switch or button to change gears. This allows for real-time adaptation to your environment.



Image: The FMS FCX24 Power Wagon showcasing its 2-speed transmission and 4-wheel drive capabilities on challenging terrain.

4.3 Terrain Handling

The FCX24 Power Wagon is designed to conquer various terrains:

- **Rocky Terrain:** The portal axles and 4WD drivetrain provide excellent ground clearance and traction for navigating rocks and uneven surfaces.

- **Mud & Gravel:** The aggressive tires and powerful motor allow for effective movement through loose and soft conditions.
- **Indoor Obstacles:** Its compact size and precise control make it suitable for indoor crawling courses.

 <p>1212 Brushless Motor 3200Kv Power meets precision. The high-torque 3200KV brushless motor delivers smooth throttle response and serious wheel speed when you need it—built for both technical crawling and fast-paced fun.</p>	 <p>2-in-1 Brushless ESC & Receiver Simplicity meets performance. The compact 2-in-1 brushless ESC and receiver combo saves space and weight while delivering ultra-responsive throttle and precise control. It's clean, efficient, and perfectly tuned for high-torque crawling.</p>	 <p>Portal Axes for Maximum Ground Clearance Go where others can't. Portal axes raise the differential height, giving you unbeatable clearance for tackling sharp rocks, deep ruts, and rough terrain.</p>	 <p>Metal hydraulic spring shock absorber Real performance, real suspension. Metal-bodied, hydraulic spring shocks soak up rough terrain with ease, keeping your tires planted and your ride steady.</p>
 <p>Full Metal Ball Bearings Smooth from the inside out. Every moving part rolls on precision metal bearings—reducing friction, boosting durability, and delivering that premium feel.</p>	 <p>Metal 4-Link Steering System Steer with confidence. The metal four-link setup ensures rock-solid articulation and tight turning radius, letting you dominate tight trails and tricky angles.</p>	 <p>Hardened Metal Gears No plastic here. Full-metal gears give you the strength to handle high torque loads without skipping a beat—built tough to last run after run.</p>	 <p>Upgraded Grippy Sponge-Filled Tires Stick to the rocks. Soft, sponge-filled crawler tires mold to terrain for insane grip and traction, helping you conquer everything from gravel to garden roots.</p>

Image: The FMS FCX24 Power Wagon demonstrating its versatility across different environments, including marshland, grassland, mud, gravel, and indoor obstacle courses.

5. MAINTENANCE

Regular maintenance will extend the lifespan and performance of your RC crawler.

5.1 General Care and Cleaning

- After each use, especially in dirty or dusty conditions, clean the vehicle with a soft brush or compressed air to remove debris.
- Wipe down the body and chassis with a damp cloth. Avoid using harsh chemicals.
- Ensure the accessible power switch is clean and free of obstructions.

5.2 Lubrication and Inspection

Periodically inspect the following components:

- **Gears:** Check metal gearbox gears and metal gate axle gears for wear. Apply a small amount of RC-specific grease if needed.
- **Bearings:** The vehicle features full metal ball bearings. Ensure they spin freely and are not contaminated.
- **Shocks:** Inspect the metal oil-filled shocks for leaks or damage.
- **Links:** Check metal four-link and metal steering four-link for bends or damage.
- **Tires:** Inspect tires for wear and tear. Ensure they are securely mounted.

FMS FCX24 CHASSIS-PORTAL AXLE STRUCTURE

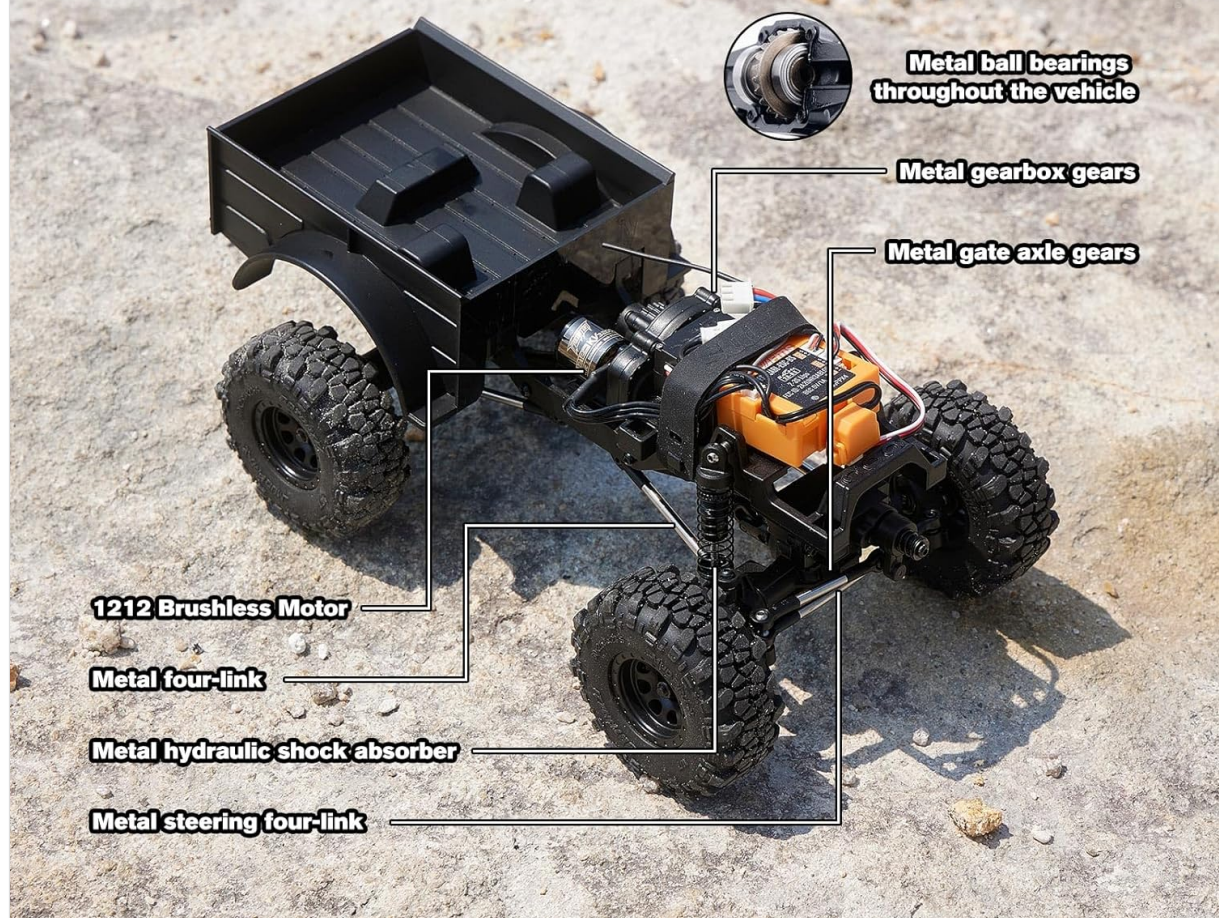


Image: A detailed view of the FMS FCX24 chassis, illustrating the placement and type of key components such as the brushless motor, metal links, hydraulic shocks, and various metal gears and bearings.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Vehicle does not respond to remote.	Battery low/dead in vehicle or remote. Vehicle or remote not turned on. Not paired correctly.	Charge/replace batteries. Ensure both are powered on. Turn both off, then turn vehicle on first, then remote.
Vehicle moves slowly or lacks power.	Low vehicle battery. Debris in drivetrain. Operating in high gear on difficult terrain.	Recharge vehicle battery. Clean out any obstructions. Switch to low gear for crawling.

Problem	Possible Cause	Solution
Steering is unresponsive or erratic.	Steering servo issue. Damage to steering links.	Check servo connections. Inspect metal steering four-link for damage.

If the issue persists, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model	FCX24 Power Wagon
Scale	1/24
Motor	1212-3200KV Brushless Motor (Splash-proof design)
Transmission	2-Speed
Drivetrain	4x4 Full-time Drive with Portal Axles
Body Material	PC Hard Body (Green Metallic Paint)
Suspension	All-Metal (Metal oil-filled shocks, rugged chassis links)
Bearings	Full Metal Ball Bearings throughout the vehicle
Gears	Metal Gearbox Gears, Metal Gate Axle Gears
Steering System	Metal 4-Link Steering System
Product Dimensions	9.33 x 4.96 x 4.96 inches
Item Weight	3.18 pounds
Recommended Age	16 years and up
Remote Control Battery	1 x 9V battery (included)



Image: The physical dimensions of the FMS FCX24 Power Wagon RC Crawler, showing its length, width, and height.

8. WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty claims, please contact EAZYRC customer support. Keep your purchase receipt as proof of purchase.




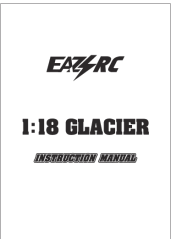
EAZYRC is committed to providing expert help and factory parts to keep your RC game strong. If you encounter any issues, do not hesitate to reach out.



Image: The EAZYRC FMS FCX24 Power Wagon on a challenging rock surface, accompanied by a message emphasizing comprehensive support and availability of parts.

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Related Documents

	<p>EAZYRC 1:18 Bronx RC Crawler Instruction Manual</p> <p>Comprehensive instruction manual for the EAZYRC 1:18 Bronx RC crawler, detailing setup, operation, safety warnings, transmitter introduction, battery installation, specifications, and spare parts.</p>
	<p>EAZYRC 1:18 Chevrolet Colorado Instruction Manual</p> <p>This manual provides instructions for assembling, operating, and maintaining the EAZYRC 1:18 Chevrolet Colorado remote control monster truck. It includes details on charging, transmitter and receiver setup, controls, specifications, features, and safety precautions.</p>
	<p>EAZYRC PATRIOT 1/18th Instruction Manual</p> <p>Official instruction manual for the EAZYRC PATRIOT 1/18th scale remote control car, detailing setup, operation, battery safety, and spare parts.</p>
	<p>EAZYRC 1:18 Glacier RC Car: Instruction Manual</p> <p>User manual for the EAZYRC 1:18 Glacier RC remote control car, covering setup, operation, safety, battery care, and spare parts. Features vintage American pickup truck design.</p>