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› CROSSRC Emo XL 6X6 RC Crawler Instruction Manual

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CROSSRC Emo XL 6X6 RC Crawler Instruction Manual

Model: Emo XL 6X6 | Brand: wheelfun

1. INTRODUCTION

The CROSSRC Emo XL 6X6 is a 1/8th scale radio-controlled off-road vehicle engineered for superior performance across challenging terrains. Designed with a focus on durability and capability, this model incorporates advanced features to enhance your remote-control experience. Please read this manual thoroughly before operating your vehicle to ensure safe and optimal performance.

2. SAFETY INFORMATION

- Always operate the vehicle in open areas away from people, pets, and obstacles.
- Ensure all batteries are charged safely and correctly according to their specifications.
- Keep hands, fingers, and loose clothing away from all moving parts, such as wheels and drivetrain components, during operation.
- Do not operate the vehicle in wet conditions or near water unless specifically designed for such environments.
- Adult supervision is recommended for users under the age of 21.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1/8 6X6 CROSSRC Emo XL Climbing Truck
- Remote Controller And Receiver
- Instruction Manual (this document)



Product packaging for the CROSSRC Emo XL 6X6 RC Crawler, showing the cardboard box.

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment on the vehicle.
2. Ensure the vehicle's power switch is in the 'OFF' position.
3. Carefully connect the battery to the vehicle's power connector, observing correct polarity.
4. Securely close the battery compartment.

4.2. Remote Controller Setup

1. Install the required batteries into the remote controller, observing correct polarity.
2. Turn on the remote controller.
3. Turn on the vehicle's power switch. The vehicle and controller should automatically bind. If not, refer to the binding instructions in the controller's separate manual.

5. OPERATING INSTRUCTIONS

5.1. Basic Controls

- **Throttle Trigger:** Pull to move forward, push to reverse.
- **Steering Wheel:** Turn left or right to steer the vehicle.
- **Trim Adjustments:** Use the trim dials on the controller to fine-tune steering and throttle for straight tracking and neutral throttle.

5.2. Driving Tips

- The Emo XL features a low center of gravity layout, with the battery positioned at the front for optimal climbing characteristics. Adjusting battery size can further fine-tune performance.
- Utilize the independently controlled differential locks for enhanced traction on uneven surfaces.
- The 2-speed transmission allows for versatile driving, offering both high-speed traversal and low-speed crawling capabilities.
- The rear axle balance rod helps absorb lateral impact forces, protecting the suspension and maintaining stability.
- The vehicle is equipped with a cool flash lighting system, independently controlled via a single channel, offering multiple lighting modes.



Front-side view of the CROSSRC Emo XL 6X6 RC Crawler with its remote controller.



Side view of the CROSSRC Emo XL 6X6 RC Crawler demonstrating its ground clearance over an obstacle.



Rear view of the CROSSRC Emo XL 6X6 RC Crawler, highlighting its flatbed and rear wheel configuration.



Close-up of the front of the CROSSRC Emo XL 6X6 RC Crawler, showing the illuminated headlights and grille.



Detailed view of the 2.2-inch MT tires and suspension system of the CROSSRC Emo XL 6X6 RC Crawler.

Official Product Video

Your browser does not support the video tag.

Official product video demonstrating the CROSSRC Emo XL 6X6 RC Crawler's capabilities on various terrains, including rock crawling and snow.

6. MAINTENANCE

- Regularly inspect all moving parts, including the drivetrain, suspension, and steering components, for any signs of wear, damage, or loose connections.
- Clean the vehicle after each use, especially after operating in dirt, mud, or snow. Use a soft brush or compressed air to remove debris. Avoid using water directly on electronic components.
- Lubricate moving parts as recommended by the manufacturer to ensure smooth operation and prevent premature wear.
- Store the vehicle in a dry, cool place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond	Low battery in vehicle or controller; Not bound correctly	Charge/replace batteries; Re-bind controller and vehicle
Poor steering response	Steering trim incorrect; Damaged servo/linkage	Adjust steering trim; Inspect and replace damaged parts
Reduced power/speed	Low battery; Motor/ESC overheating	Charge battery; Allow components to cool down

If the issue persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Scale	1/8
Drive System	6WD
Vehicle Type	RC Off-Road Climbing Truck / Rock Crawler
Dimensions (Package)	34.4 x 14.8 x 14.8 inches
Item Weight	24.2 pounds
Manufacturer	wheelfun
Recommended Age	21 years and up

9. WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to purchase replacement parts, please refer to the manufacturer's official website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Manufacturer: wheelfun