

[manuals.plus](#) /

› [Rochobby](#) /

› [Rochobby 1941 MB Scaler Willys Jeep RC Car Instruction Manual](#)

Rochobby FMMROC009RTR

Rochobby 1941 MB Scaler Willys Jeep RC Car Instruction Manual

Model: FMMROC009RTR

Brand: Rochobby

1. INTRODUCTION

The 1941 Willys MB is a new, 1/12 scale, ready-to-run radio controlled platform that delivers both technical rock crawling prowess and detailed scale looks. This 4x4 vehicle is designed for both aesthetics and function, featuring a fantastic LED system including four turn lights, two headlights, and a blackout lamp, which aids in exploring in low-light conditions. It boasts realistic scale detailing such as canvas seats, rear-view mirrors, dashboards, leaf springs & dampers, tires, and metal ladder frame rails. Additional movable scale features and accessories include a rear seat, axe, shovel, two bins, a windshield, a rotating steering wheel, and a fuel tank. The 2.4GHz ANT transmitter provides modelers of all skill levels with the opportunity to enjoy exciting trails with a Two-speed transmission option (Crawling Mode and Beginner Mode). Its professional design and smart remote controller offer a superior experience, making this RC truck adaptable to various situations and driving styles.



Figure 1.1: The Rochobby 1941 MB Scaler Willys Jeep RC Car.



Figure 1.2: The Willys Jeep navigating rocky terrain, showcasing its off-road capabilities.

2. WHAT'S IN THE BOX

Upon unboxing your Rochobby 1941 MB Scaler Willys Jeep, you will find the following components:

- 1/12 1941 MB Scaler Willys Jeep RC Car
- 2S Lipo 7.4V 380mAh Battery
- USB LiPo Battery Charger
- Product Manual
- Hex Wrench Socket
- Bind Connector



Figure 2.1: The military-style packaging box for the Willys Jeep.

3. SETUP

3.1 Battery Charging

Before first use, fully charge the included 2S Lipo 7.4V 380mAh battery using the provided USB LiPo Battery Charger. Connect the battery to the charger, and then plug the charger into a compatible USB power source. Refer to the charger's indicator lights for charging status. Always supervise charging and disconnect once complete.

3.2 Transmitter Setup

The transmitter requires 4 AAA batteries (not included). Insert them into the battery compartment, observing correct polarity.

Needed to Complete



AAA Batteries x4

Figure 3.1: The transmitter requires 4 AAA batteries for operation.

The transmitter features two operational modes: A Mode (for setting) and B Mode (Standard operation). You can adjust steering trim, throttle trim, and reverse servo/motor direction. The LED key controls light effects: one press for headlights, two for full power, three for headlights and blackout lamp. The button below the LED activates turn lights, which flash when turning the wheel. The ST Angle button sets steering range (30%, 50%, 100%). The Train button limits throttle output to 50% for precise control on rough terrain. The Climbing button activates climbing mode, engaging the brake to prevent backward movement on inclines.

Your browser does not support the video tag. This video demonstrates the remote control functions for the 1/12 1941 Willys RC car, including crawling and beginner modes.

Video 3.1: Detailed explanation of the 1/12 1941 Willys Remote Control functions, including Crawling and Beginner Modes.

4. OPERATING

4.1 Driving Modes

The vehicle offers two primary driving modes: Crawling Mode and Beginner Mode. These can be selected via the 2.4GHz ANT transmitter. Crawling Mode provides precise, low-speed control ideal for navigating challenging obstacles and rough terrain. Beginner Mode offers a more forgiving and stable driving experience, suitable for new users or general recreational driving.

4.2 Light Controls

The integrated LED system includes headlights, turn lights, and a blackout lamp. These can be controlled directly from the transmitter. Headlights can be activated for low-light conditions, and turn lights will illuminate when steering, enhancing realism and visibility.

4.3 Gear Shift

The two-speed transmission allows for shifting between different gear ratios to optimize performance for various driving conditions. Use the shift function on the transmitter to switch between gears, providing either higher torque for climbing or higher speed for open terrain.

Your browser does not support the video tag. This video showcases the 1/12 4x4 off-road crawler in action,

highlighting its fun and capable performance.

Video 4.1: The Rochobby Willys Jeep demonstrating its off-road capabilities and overall performance.

Your browser does not support the video tag. This video provides a detailed look at the Rochobby 1/12 1941 Willys MB Scaler Crawler Military Truck.

Video 4.2: A comprehensive overview of the Rochobby 1/12 1941 Willys MB Scaler Crawler Military Truck.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your RC car. After each use, especially after driving in dirt, mud, or wet conditions, clean the vehicle thoroughly. Remove any debris from the chassis, suspension components, and wheels. Inspect all moving parts for wear and tear, including gears, driveshafts, and suspension links. Ensure all screws are tight. Lubricate moving parts as recommended in the detailed product manual (if applicable). Store the vehicle and battery in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1 No Power

- Ensure the vehicle's battery is fully charged and properly connected.
- Check that the transmitter batteries are fresh and correctly installed.
- Verify both the vehicle and transmitter are powered on.

6.2 Loss of Control/Erratic Movement

- Ensure the vehicle and transmitter are properly bound. Refer to the binding instructions in the detailed product manual.
- Check for interference from other 2.4GHz devices. Operate in an open area away from other RC vehicles or strong Wi-Fi signals.
- Verify that the steering and throttle trims on the transmitter are correctly adjusted.

6.3 Vehicle Not Responding to Steering/Throttle

- Check for any obstructions in the steering mechanism or drivetrain.
- Ensure the servo and motor connections are secure.
- If the issue persists, perform a transmitter reset as described in Section 3.2.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	10.95 x 5.36 x 5.52 inches

Feature	Specification
Item Weight	1.36 pounds
ASIN	B093RF54SF
Item Model Number	FMMROC009RTR
Manufacturer Recommended Age	14 years and up
Batteries	1 Lithium Polymer batteries required. (included)
Manufacturer	RocHobby
First Available Date	April 29, 2021

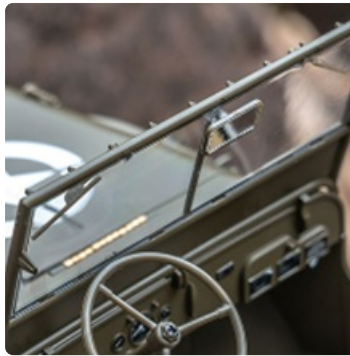


Figure 7.1: Detailed view of the vehicle's undercarriage, highlighting its robust suspension and drivetrain.

8. 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.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the official Rochobby website or contact the seller directly. Keep your proof of purchase for any warranty claims.

