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› Fenamx MJX RC Truck 16208: 1/16 Scale 4WD Brushless High-Speed Remote Control Car Instruction Manual

Fenamx 16208

Fenamx MJX RC Truck 16208 Instruction Manual

1/16 Scale 4WD Brushless High-Speed Remote Control Car

1. INTRODUCTION

This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your Fenamx MJX RC Truck 16208. Please read this manual thoroughly before operating the vehicle to ensure proper function and longevity.

The Fenamx MJX RC Truck 16208 is a 1/16 scale 4WD brushless remote control vehicle designed for high-speed performance and off-road driving. It features a durable chassis, metal components, and a powerful brushless motor system.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Fenamx MJX RC Truck 16208
- Remote Control Transmitter
- 2S 7.4V 1050mAh 25C Rechargeable LiPo Battery (for vehicle)
- Battery Charger
- Screwdriver
- Product Manual (this document)



Image 1: The Fenamx MJX RC Truck 16208 shown with its remote control, battery, charger, and other components.

3. SETUP

3.1. Charging the Vehicle Battery

1. Connect the provided charger to a power source.
2. Connect the 2S 7.4V LiPo battery to the charger.
3. Allow the battery to charge fully. Refer to the charger's indicator lights for charging status.
4. **Important:** Always supervise batteries during charging. Do not overcharge.

3.2. Installing Batteries in the Remote Control

1. Open the battery compartment on the back of the remote control.
2. Insert 1 AA battery, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

3.3. Installing the Vehicle Battery

1. Locate the battery compartment on the vehicle chassis.
2. Insert the fully charged 2S LiPo battery into the compartment.
3. Connect the battery connector to the vehicle's ESC (Electronic Speed Controller) connector.
4. Secure the battery compartment cover.

3.4. Pairing the Remote Control

1. Turn on the remote control.
2. Turn on the vehicle's power switch.
3. The remote control and vehicle should automatically pair. A solid light on both devices indicates a successful connection.
4. If pairing fails, turn off both devices and repeat the process.

4. OPERATING INSTRUCTIONS

4.1. Basic Controls

- **Steering Wheel:** Turn left or right to control the vehicle's direction.
- **Throttle Trigger:** Pull to accelerate forward, push to brake or reverse.
- **Steering Trim:** Adjusts the neutral steering position if the vehicle pulls to one side.
- **Throttle Limit Switch:** For beginners or children, set the throttle limit to 70% to reduce maximum speed.

4.2. Driving Tips

- Start in an open area free from obstacles and people.
- Familiarize yourself with the controls at lower speeds before attempting high-speed maneuvers.
- The vehicle can reach speeds of over 28 mph (45 kph) with the included 2S LiPo battery.
- For advanced users, a 3S LiPo battery (not included) can achieve speeds of 43+ mph (70 kph). Ensure the vehicle is properly maintained and inspected before using a 3S battery.
- The 4WD system and oil-filled shock absorbers provide excellent traction and stability on various terrains.



Image 2: The RC truck in motion, highlighting its speed capabilities with 2S and 3S LiPo batteries.

4.3. Safety Guidelines

- Always operate the RC truck in a safe environment, away from public roads, pedestrians, and pets.
- Do not operate in wet conditions or near water to prevent damage to electronics.
- Keep fingers and loose clothing away from moving parts.
- Adult supervision is recommended for users under 14 years of age.
- After use, turn off the vehicle and remote control, and disconnect the vehicle battery.

5. MAINTENANCE

5.1. General Cleaning

- After each use, clean dirt and debris from the chassis, wheels, and suspension components using a soft brush or compressed air.
- Avoid using water or harsh chemicals directly on electronic components.

5.2. Component Inspection

- Regularly inspect the metal gears, metal differential, and bearings for wear or damage.
- Check the oil-filled shock absorbers for leaks or reduced damping performance.
- Ensure all screws and fasteners are tight.



Image 3: Close-up of the metal differential, bearings, and metal oil-filled shocks, highlighting durable components.

5.3. Battery Care

- Store LiPo batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not puncture or damage LiPo batteries.
- If the battery becomes swollen or damaged, discontinue use immediately and dispose of it properly.

5.4. Upgrades and Accessories

The independent Smart 2S/3S 45A ESC supports a 3S power system for enhanced performance. Upgrade accessories are available to further customize and improve your vehicle.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to remote.	Low battery in vehicle or remote; not paired; power switch off.	Charge/replace batteries; re-pair remote; ensure power switches are ON.
Vehicle pulls to one side.	Steering trim incorrect; damaged steering components.	Adjust steering trim on remote; inspect steering linkage for damage.
Reduced speed or power.	Low vehicle battery; throttle limit engaged; motor/ESC issue.	Recharge vehicle battery; check throttle limit switch; inspect motor/ESC connections.
Unusual noises during operation.	Debris in gears; worn gears or bearings.	Clean gears; inspect and replace worn components.

7. SPECIFICATIONS

- **Model Number:** 16208
- **Scale:** 1/16
- **Drive System:** 4WD
- **Motor:** Hobby 2845 4200KV Brushless Motor
- **ESC:** Independent 45A ESC (supports 2S/3S)
- **Battery (Included):** 2S 7.4V 1050mAh 25C LiPo
- **Remote Control:** 2.4GHz 3-Channel Radio with Light Bar Control and 70% Throttle Limit Switch
- **Top Speed (2S LiPo):** Over 28 mph (45 kph)
- **Top Speed (3S LiPo, not included):** Over 43 mph (70 kph)
- **Chassis:** Honeycomb design with F/R Zinc Metal Reinforced Sheets
- **Drivetrain:** Metal Gears, Metal Differential, 5.5mm Diameter Axle
- **Suspension:** Oil-Filled Shock Absorbers
- **Tires:** Pre-mounted, sponge-inserted
- **Product Dimensions:** 12.18 x 8.75 x 5.11 inches
- **Item Weight:** 3.89 pounds
- **Recommended Age:** 14 years and up



Image 4: An illustration showing the internal components of the RC truck, including the brushless motor, receiver, servo, and ESC.

8. WARRANTY AND SUPPORT

Fenamx products are manufactured to high-quality standards. For warranty information, technical support, or replacement parts, please contact the manufacturer directly through their official channels or the retailer where the product was purchased.

Please retain your proof of purchase for any warranty claims.