

Razor MX400

Razor MX400 Dirt Rocket Electric Bike User Manual

Model: MX400

1. INTRODUCTION

Welcome to the Razor MX400 Dirt Rocket Electric Bike user manual. This document provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your electric dirt bike. Please read all instructions carefully before use to ensure a safe and enjoyable riding experience.



Figure 1: Razor MX400 Dirt Rocket Electric Bike

2. SAFETY INFORMATION

Your safety is paramount. Always wear appropriate safety gear, including a helmet, knee pads, and elbow pads, when operating the Razor MX400. This product is designed for off-road use on private property. Do not ride on streets or around cars, as traffic can be fatal.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PRODUCT FEATURES

The Razor MX400 Dirt Rocket is engineered for performance and durability. Key features include:

- **High-Torque Motor:** Chain-driven rear-wheel drive motor for speeds up to 14 mph.
- **Durable Construction:** Steel frame with authentic dirt bike geometry, double-crown fork, and shatter-resistant plastic fairings.
- **Comfort and Control:** Soft rubber grips, adjustable-angle riser-style handlebars, and twist-grip throttle.
- **Pneumatic Knobby Tires:** 12-inch tires for enhanced traction on dirt, gravel, and grass.
- **Hand-Operated Brakes:** Rear brake for confident stopping power.

- **Long Ride Time:** Rechargeable 24-volt battery system provides up to 30 minutes of continuous ride time on high speed.
- **Folding Foot Pegs:** Metal foot pegs and a retractable kickstand for convenience.



Figure 2: Key Features of the MX400



Figure 3: MX400 Specifications Overview

4. SETUP AND ASSEMBLY

Some assembly is required. Please follow these general steps. Refer to the detailed assembly video for visual guidance.

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all components listed in the packing list are present.
2. **Handlebar Installation:** Attach the handlebars to the steering column using the provided clamps and bolts. Ensure they are securely tightened.
3. **Front Wheel Assembly:** Install the front wheel, ensuring the brake caliper is correctly aligned with the disc. Secure the axle with the nuts.
4. **Front Fender Attachment:** Mount the front fender to the front forks.
5. **Rear Shock Adjustment (if applicable):** Ensure the rear shock absorber is correctly installed and adjusted.
6. **Initial Battery Charge:** Charge the battery for 12 hours before the first use.

Assembly Video

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Video 1: Razor MX400 Dirt Rocket 24V Electric Toy Motocross Dirt Bike Overview. This video provides a general overview of the Razor MX400, showcasing its features and operation.

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Video 2: Razor Dirt Rocket Electric Motocross Motorcycle Dirt Bike. This video demonstrates the electric motocross bike in action, highlighting its performance and design.

5. OPERATING INSTRUCTIONS

To operate your Razor MX400 Dirt Rocket:

1. **Power On:** Locate the power switch, usually near the battery compartment, and switch it to the 'ON' position.
2. **Accelerate:** Twist the throttle grip on the right handlebar to accelerate. The speed is controlled by how much you twist the throttle.
3. **Brake:** Use the hand-operated rear brake lever on the left handlebar to slow down or stop.
4. **Steering:** Steer by turning the handlebars in the desired direction.

Always start slowly and familiarize yourself with the controls in a safe, open area before attempting higher speeds or challenging terrain.



Figure 4: Kickstand and Footpegs

6. CHARGING INSTRUCTIONS

The Razor MX400 is powered by a rechargeable 24-volt (two 12-volt) sealed lead-acid battery system.

1. **Initial Charge:** Before first use, charge the battery for a full 12 hours.
2. **Subsequent Charges:** After each use, or if the battery indicator shows low power, connect the charger to

the charging port. A full charge typically takes 8-12 hours.

3. **Power Switch:** Always turn off the power switch after each ride. The battery may be unable to recharge if left ON without use.
4. **Charger Indicator:** The charger will have an indicator light (usually red for charging, green for fully charged).

Do not overcharge the battery. Disconnect the charger once the indicator shows a full charge.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Razor MX400.

- **Tire Pressure:** Check tire pressure regularly. The 12-inch pneumatic knobby tires require proper inflation for optimal performance and safety.
- **Brake Adjustment:** Periodically inspect and adjust the hand-operated rear brake for proper function. Ensure the brake lever provides firm and responsive stopping power.
- **Chain Lubrication:** Keep the chain-driven motor chain clean and lubricated to prevent wear and ensure smooth operation.
- **General Inspection:** Before each ride, check for any loose parts, damaged components, or unusual noises. Tighten any loose fasteners.
- **Cleaning:** Wipe down the bike with a damp cloth after use. Avoid using harsh chemicals or excessive water, especially near electrical components.

8. TROUBLESHOOTING

If you encounter issues with your Razor MX400, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Bike does not start	Power switch is OFF; Battery is low/dead; Loose connection	Turn power switch ON; Charge battery for 12 hours; Check all connections
Reduced speed/power	Low battery; Overloaded weight; Rough terrain	Charge battery; Ensure rider weight is within limits (140 lbs max); Ride on smoother terrain
Brakes not effective	Brake cable loose; Worn brake pads	Adjust brake cable tension; Replace worn brake pads
Unusual noises	Loose chain; Foreign object in drivetrain; Loose components	Adjust chain tension/lubricate; Inspect and remove foreign objects; Tighten all fasteners

If you cannot resolve the issue using these steps, please contact Razor customer support.

9. SPECIFICATIONS

- **Brand:** Razor
- **Model:** MX400
- **Item Weight:** 62.5 pounds
- **Battery:** 24-Volt (two 12-volt) sealed lead-acid rechargeable system
- **Max Speed:** Up to 14 Mph
- **Ride Time:** Up to 30 minutes of continuous use (high speed)
- **Recommended Age:** 8 years old and up
- **Max Rider Weight:** 140 pounds

- **Tires:** 12-inch pneumatic knobby tires
- **Manufacturer:** Razor USA, LLC

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your product or visit the official Razor website. Keep your purchase receipt for warranty claims.