

## Razor 25141003

# Razor Ground Force Rad Rod Electric Go-Kart Instruction Manual

Model: 25141003

## IMPORTANT SAFETY WARNINGS

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**WARNING:** Riding electric products can be dangerous. Certain conditions may cause the equipment to fail without fault of the manufacturer. The product is intended to move and it is therefore possible for the rider to lose control, fall off, and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur, you can be seriously injured or die, even when using safety equipment and other precautions.

- Always wear a helmet and other protective gear (knee pads, elbow pads) when operating the go-kart.
- Ensure all components are securely fastened before each use.
- Do not operate in traffic, near motor vehicles, on steep inclines, or near steps, swimming pools, or other bodies of water.
- Adult supervision is required for riders under 13 years of age.
- Keep fingers and other body parts away from moving parts, wheels, and the drive system.
- Do not exceed the maximum weight limit specified in the specifications section.
- Only use on flat, dry surfaces free of loose debris.
- Read and understand the entire manual before allowing children to operate the go-kart.

## PRODUCT OVERVIEW

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The Razor Ground Force Rad Rod is an electric-powered go-kart designed for younger riders (ages 6+). It features a unique style inspired by classic "rat rods" with an unfinished look and lowered hot rod stance. This go-kart is capable of high-performance maneuvers including powerslides and burnouts, offering an exciting riding experience.

### Key Features:

- Electric-powered pocket go-kart capable of high-performance maneuvers including powerslides,

drifts, and burnouts.

- Quiet 150-watt motor with parent-controlled high and low speed settings for at-home karting fun.
- Unique design influenced by hot rod culture and the unfinished look of garage-built "rat rod" dragsters.
- Compact construction, ideal for small riders, easy to store and transport.
- Features a bucket seat, grippy front wheels, slick rear wheels for drifting, and hand-operated, paddle-style accelerator and brake.

## SETUP

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### 1. Assembly

Assembly is required for the Razor Ground Force Rad Rod. Please refer to the included manual for detailed step-by-step instructions. Ensure all bolts and fasteners are tightened securely before initial use.

### 2. Initial Charging

Before first use, fully charge the 24V rechargeable battery system. The charging port is typically located near the power switch. An initial charge may take several hours. Refer to the charging indicator lights for status. Do not overcharge the battery.



Image: The 24V rechargeable battery system provides up to 40 minutes of continuous use per charge.

## OPERATING INSTRUCTIONS

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### 1. Power On/Off

Locate the red power switch on the main body of the go-kart. Flip the switch to the "ON" position to power on the unit. Flip to "OFF" when not in use to conserve battery life.

### 2. Controls: Steering, Acceleration, and Braking

The go-kart features a steel racing-inspired steering wheel for precise control. Acceleration is managed by a hand-operated, paddle-style throttle, and braking is performed using a hand-operated, paddle-style rear brake.



Image: Steel racing-inspired steering wheel for precise steering and control.



Image: Hand-operated paddle-style throttle to quickly reach speeds up to 10 MPH.



Image: Hand-operated paddle-style rear brake provides quick and smooth stops.

### 3. Parental Speed Control

The go-kart includes a parental speed control switch. This allows adults to select the maximum speed for the rider:

- **Low Mode:** Maximum speed of up to 7 MPH (11.3 km/h).
- **High Mode:** Maximum speed of up to 10 MPH (16 km/h).

To adjust the speed setting, locate the switch on the main body and slide it to the desired mode. Ensure the go-kart is off before changing speed settings.



Image: Parental speed control allows adjustment for younger drivers: Low Mode (up to 7 MPH) or High Mode (up to 10 MPH).

## 4. Riding Techniques

The Rad Rod is designed for exciting maneuvers. The bucket-style seat provides stability and comfort during rides, while high-density polyethylene rear drifting slicks enable thrilling drifts and spins.



Image: Bucket-style seat provides stability and comfort while riding.



Image: High-density polyethylene rear drifting slicks allow for exciting drifts and spins.

Your browser does not support the video tag.

Video: Official Razor video demonstrating the Ground Force Rad Rod in action, showcasing its ride capabilities and fun features.

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Video: Official Razor video highlighting the Rad Rod's ability to perform drifts and burnouts, taking the riding experience to the next level.

## MAINTENANCE

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### 1. Battery Care

- Charge the battery fully after each use.
- Do not store the go-kart with a completely discharged battery.
- If storing for extended periods, charge the battery every 30 days to maintain optimal performance and lifespan.
- Use only the charger provided by Razor.

### 2. Wheel Inspection

Regularly inspect the wheels for wear and tear. The rear drifting slicks, especially, may wear down with frequent use. Replace worn wheels promptly to ensure safe operation and optimal drifting performance. Replacement parts can be ordered through Razor customer service.

### 3. General Cleaning

Wipe down the go-kart with a damp cloth after use. Avoid using harsh chemicals or abrasive cleaners. Keep the motor and electrical components dry.



## TROUBLESHOOTING

Problem	Possible Cause	Solution
Go-kart does not move or moves slowly.	Battery is low or not charged. Speed setting is on "Low".	Ensure battery is fully charged. Check parental speed control switch and set to "High" if desired.
Battery does not hold a charge for long.	Battery degradation over time or improper charging habits.	Ensure proper charging procedures are followed (full charge after each use, regular charging during storage). If problem persists, battery may need replacement. Contact Razor support.
Rear wheels wear out quickly.	Frequent drifting and powersliding on abrasive surfaces.	This is normal wear for drifting slicks. Replace rear wheels as needed. Consider riding on smoother surfaces to extend wheel life.
Unusual noises during operation.	Loose components or debris in the drive system.	Inspect all visible parts for looseness and tighten as necessary. Check for any foreign objects obstructing the wheels or motor.

## SPECIFICATIONS

Feature	Detail
Brand	Razor
Model Number	25141003
Age Range	Youth (Ages 6+)
Motor	150-watt Chain-Driven Motor
Battery	24V Rechargeable Battery System
Max Speed (High Mode)	Up to 10 MPH (16 km/h)
Max Speed (Low Mode)	Up to 7 MPH (11.3 km/h)
Continuous Use	Up to 40 minutes
Item Weight	27.59 Pounds
Item Dimensions (L x W x H)	26.73"L x 20.67"W x 12.87"H
Material Type	Aluminum
Assembly Required	Yes

Feature	Detail
Included Components	Rad Rod Go Kart, Charger, Manual



Image: Dimensions of the Razor Ground Force Rad Rod: 26.73"L x 20.67"W x 12.87"H.

## WARRANTY AND SUPPORT

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### Warranty Information

The Razor Ground Force Rad Rod comes with a **90-day limited manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty card included with your product or visit the official Razor website.

### Customer Support

For technical assistance, replacement parts, or warranty claims, please contact Razor customer support. Contact information can typically be found on the Razor website or in the product packaging. Please have your model number (25141003) and proof of purchase ready when contacting support.