

Razor 20136491

Razor Power Rider 360 Electric Drifting Trike

Model: 20136491

Brand: Razor

1. IMPORTANT SAFETY INFORMATION

WARNING: To avoid serious injury, always follow these safety guidelines:

- Always wear a helmet and other protective gear (knee pads, elbow pads) when operating the Power Rider 360.
- Adult supervision is required for riders under 18 years of age.
- Recommended for riders aged 8 years and older.
- Maximum rider weight: 120 lbs (54 kg).
- Do not ride at night or in low-visibility conditions.
- Avoid riding on wet, uneven, or slippery surfaces.
- Keep fingers and other body parts away from moving parts, such as the chain and wheels.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).
- The electrical system is certified compliant with UL2272 by ACT Lab LLC, an accredited testing lab.

Certified
compliant with
UL 2272 by
ACT Lab LLC,
an accredited
testing lab.

Image: UL2272 Certification Logo, indicating compliance with safety standards.

2. PRODUCT OVERVIEW

The Razor Power Rider 360 is an electric-powered three-wheeler designed for recreational use, offering speeds

up to 9 mph and the ability to perform 360-degree spins and drifts. It features a robust design for durability and an engaging riding experience.



Image: Front-side view of the Razor Power Rider 360 electric drifting trike.

Key Features:

- Chain-driven motor for reliable power.
- Push-button throttle for easy acceleration.
- Speeds up to 9 mph (14 km/h).
- Up to 40 minutes of continuous use on a single charge.
- Front, hand-operated braking system for controlled stops.
- Welded steel frame with moto-style double crown fork design for durability.
- Hi-impact pneumatic front wheel for a smooth ride.
- Rear, dual inclined casters for drifting and spinning action.
- Rubber grips and folding foot pegs for comfort and convenience.
- 12V sealed lead acid rechargeable battery system with charger.

What's in the Box:

- Razor Power Rider 360 Electric Drifting Trike
- 12V Sealed Lead Acid Rechargeable Battery (pre-installed)

- Battery Charger
- Instruction Manual

3. ASSEMBLY INSTRUCTIONS

The Razor Power Rider 360 requires some assembly before initial use. Please follow the steps below carefully. It is recommended to have an adult perform the assembly.

Required Tools (Not Included):

- Adjustable wrench
- Hex keys (Allen wrenches)
- Screwdriver

Assembly Steps:

1. **Attach the Handlebars:** Secure the handlebars to the front fork using the provided bolts and tighten them firmly. Ensure the brake lever is correctly positioned for easy access.
2. **Install the Front Wheel:** If not pre-installed, attach the pneumatic front wheel to the fork. Ensure all nuts and bolts are securely fastened.
3. **Mount the Seat:** Position the seat on the frame and secure it with the appropriate hardware. The seat is adjustable; choose the position that best suits the rider's leg length.
4. **Attach Foot Pegs:** Install the folding foot pegs to the designated points on the frame.
5. **Connect Brake Cable:** Ensure the front brake cable is properly connected and adjusted for effective braking. Test the brake function before riding.
6. **Final Inspection:** Double-check all nuts, bolts, and connections to ensure they are tight and secure. Verify that all moving parts operate smoothly.



Image: Side view of the Razor Power Rider 360, showing the overall structure.



Image: Close-up of the handlebars with rubber grips and the hand-operated brake lever.



Image: Close-up of the ergonomic seat, which is adjustable.



4. CHARGING THE BATTERY

The Power Rider 360 is equipped with a 12V sealed lead acid rechargeable battery. Proper charging is essential for optimal performance and battery longevity.

Charging Procedure:

1. Ensure the Power Rider 360 is turned off before charging.
2. Locate the charging port on the unit.
3. Plug the charger into a standard wall outlet (100-240V AC).
4. Connect the charger to the charging port on the Power Rider 360.
5. The charger's indicator light will typically show red during charging and turn green when charging is complete.
6. For the first charge, charge the battery for a full 12 hours. Subsequent charges should also be approximately 12 hours, even if the light turns green sooner. Do not charge for more than 24 hours.
7. Disconnect the charger once charging is complete.

IMPORTANT: Do not store the Power Rider 360 with a fully discharged battery. Recharge after each use.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and operation before riding. Always wear appropriate safety gear.

Starting the Ride:

1. Ensure the battery is fully charged.
2. Sit firmly in the seat with both feet on the folding foot pegs.
3. Turn on the power switch (usually located near the seat or foot area).
4. Press the push-button throttle located on the handlebar to engage the motor and begin moving.

Steering and Braking:

- Steer by turning the handlebars left or right.
- To slow down or stop, release the throttle button and gently squeeze the hand-operated brake lever on the handlebar.

Drifting and Spinning:

The Power Rider 360 is designed for drifting and 360-degree spins using its dual inclined rear casters. To initiate a drift or spin, accelerate to a moderate speed and then turn the handlebars sharply while applying the brake briefly. Practice in an open, safe area.



Image: A child wearing a helmet and protective gear riding the Razor Power Rider 360.



Image: Close-up of the dual inclined rear caster wheels, designed for drifting.



Image: An overhead view of a child performing a controlled drift on the Power Rider 360.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Power Rider 360.

Battery Care:

- Always recharge the battery immediately after each use.
- Charge the battery at least once a month, even if the product is not in use, to prevent deep discharge.
- Store the product in a cool, dry place away from direct sunlight and extreme temperatures.

Tire and Wheel Maintenance:

- Check the front pneumatic tire pressure regularly and inflate to the recommended PSI (indicated on the tire sidewall).
- Inspect the rear caster wheels for wear or damage. Replace if necessary.

General Cleaning and Inspection:

- Clean the Power Rider 360 with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Regularly inspect all nuts, bolts, and fasteners to ensure they are tight.

- Check the brake system for proper function and adjust if needed.
- Inspect the chain and motor for any debris or signs of wear.

7. TROUBLESHOOTING

If you encounter issues with your Power Rider 360, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not turn on	Battery is discharged; Power switch is off; Loose wiring connection	Charge battery for 12 hours; Ensure power switch is ON; Check all wiring connections.
Unit does not move when throttle is pressed	Throttle malfunction; Motor issue; Brake engaged	Ensure brake is not engaged; Contact customer support if throttle or motor is suspected.
Reduced speed or run time	Undercharged battery; Old battery; Overweight rider; Riding conditions (uphill, rough terrain)	Fully charge battery; Consider battery replacement if old; Ensure rider is within weight limit; Ride on flat, smooth surfaces.
Unusual noises (grinding, clicking)	Loose chain; Debris in drivetrain; Worn bearings	Inspect and adjust chain tension; Clean drivetrain; Contact customer support for worn parts.

If these steps do not resolve the issue, please contact Razor customer support for further assistance.

8. SPECIFICATIONS

- **Product Dimensions:** 35.5 x 24.25 x 35.5 inches (90.17 x 61.60 x 90.17 cm)
- **Item Weight:** 32.8 pounds (14.88 kg)
- **Model Number:** 20136491
- **Recommended Age:** 8 - 18 years
- **Maximum Rider Weight:** 120 pounds (54 kg)
- **Battery:** 12V Sealed Lead Acid (included)
- **Battery Charge Time:** 12 hours (initial and subsequent charges)
- **Continuous Use Time:** Up to 40 minutes
- **Max Speed:** Up to 9 mph (14 km/h)
- **Frame Material:** Welded Steel
- **Front Wheel:** Hi-impact pneumatic
- **Rear Wheels:** Dual inclined casters

9. WARRANTY AND SUPPORT




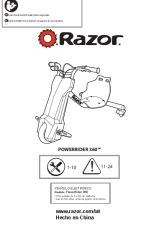
For warranty information, product registration, or to purchase replacement parts, please visit the official Razor website or contact their customer support directly. Keep your proof of purchase for warranty claims.



Manufacturer: Razor USA, LLC

Contact Information: Refer to the official Razor website or product packaging for the most current support details.

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Related Documents - 20136491

	<p>Razor RipRider 360 Caster Trike Assembly and Safety Guide</p> <p>Comprehensive assembly instructions and safety guidelines for the Razor RipRider 360 caster trike. Learn how to safely build, operate, and maintain your RipRider 360.</p>
	<p>Razor DXT Drift Trike & FlashRider 360 Caster Trike User Manuals</p> <p>Comprehensive user manuals for the Razor DXT Drift Trike and Razor FlashRider 360 Caster Trike, covering safety guidelines, assembly instructions, usage tips, maintenance procedures, parts identification, warranty details, and customer support contacts.</p>
	<p>Razor RipRider 360 Mini Caster Trike - Assembly and Safety Guide</p> <p>Official assembly instructions and safety guide for the Razor RipRider 360 Mini Caster Trike. Learn how to safely assemble, operate, and maintain your caster trike. Includes age and weight limits, riding tips, and warranty information.</p>
	<p>Razor PowerRider 360 Electric Ride-On Toy User Manual and Assembly Guide</p> <p>Comprehensive user manual and assembly guide for the Razor PowerRider 360 electric ride-on toy. Includes safety precautions, operating instructions, maintenance tips, and replacement procedures.</p>

 <p>OWNER'S MANUAL</p> <p>Read and understand this entire manual before allowing child to use this product. For assistance contact Razor. DO NOT RETURN TO STORE.</p> <p>WARRANTY: Razor does not warrant this product against defects in materials or workmanship. Razor does not warrant this product against damage caused by misuse, abuse, or neglect. Please read and understand this entire manual before allowing child to use this product. For assistance contact Razor. DO NOT RETURN TO STORE.</p>	<p>Razor FlashRider 360 Caster Trike Owner's Manual</p> <p>Comprehensive owner's manual for the Razor FlashRider 360 Caster Trike, detailing safety warnings, assembly instructions, pre-ride checks, usage guidelines, maintenance procedures, product parts identification, and warranty information.</p>
 <p>OWNER'S MANUAL</p> <p>Read and understand this entire manual before allowing child to use this product. For assistance contact Razor. DO NOT RETURN TO STORE.</p> <p>WARRANTY: Razor does not warrant this product against defects in materials or workmanship. Razor does not warrant this product against damage caused by misuse, abuse, or neglect. Please read and understand this entire manual before allowing child to use this product. For assistance contact Razor. DO NOT RETURN TO STORE.</p>	<p>Razor RipRider 360 Mini Caster Trike Owner's Manual and Safety Guide</p> <p>This owner's manual provides essential information for the Razor RipRider 360 Mini Caster Trike, including assembly instructions, safety warnings, pre-ride checks, maintenance guidelines, parts list, and warranty details.</p>