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Razor Power Core E90

Razor Power Core E90 Electric Scooter User Manual

Model: Power Core E90

INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Razor Power Core E90 Electric Scooter. Please read this manual thoroughly before initial use and retain it for future reference.



Figure 1: Front view of the Razor Power Core E90 Electric Scooter.

SAFETY GUIDELINES

Operating an electric scooter can be hazardous. To ensure your safety and the safety of others, always follow these guidelines:

- Always wear a helmet and appropriate safety gear, including elbow and knee pads.
- Do not exceed the maximum weight limit of **120 pounds (54 kg)**.
- Recommended for riders aged **8 years and older**.
- Ride only in safe, open areas away from traffic.
- Avoid riding on uneven surfaces, loose debris, or wet conditions.
- Maintain a safe distance from other riders and pedestrians.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Always use the hand-operated front brake to slow down or stop.



Figure 2: Rider demonstrating safe operation of the electric scooter.

SETUP AND INITIAL CHARGE

Unpacking and Assembly

Your Razor Power Core E90 Electric Scooter comes largely pre-assembled. Carefully remove all contents from the box. Ensure all packaging materials are removed before proceeding.

Handlebar Adjustment

The handlebar height can be adjusted for rider comfort. Loosen the quick-release clamp on the steering column, adjust the handlebar to the desired height, and securely tighten the clamp. Ensure the handlebar is aligned with the front wheel.

Initial Battery Charge

Before first use, fully charge the scooter's **12V sealed lead-acid battery** for at least **12 hours**, even if the indicator light turns green. This initial charge is crucial for battery longevity.

1. Locate the charging port on the scooter.
2. Plug the charger into a standard wall outlet (100-240V AC).
3. Connect the charger to the scooter's charging port. The charger light will indicate charging status (typically red for charging, green for fully charged).
4. Disconnect the charger once charging is complete.

*Note: Do not overcharge the battery after the initial charge. Subsequent charges should **be up to 8 hours**.*

OPERATING INSTRUCTIONS

Starting the Scooter

1. Ensure the scooter is on a flat, clear surface.
2. Place one foot firmly on the deck.
3. Use your other foot to **kick-start** the scooter forward.
4. Once moving, gently engage the **throttle** located on the handlebar to activate the **90-watt hub motor**.

The scooter can reach speeds of up to **10 mph (16 km/h)** and provides up to **60 minutes** of continuous ride time on a full charge.



Figure 3: Illustration of the innovative Power Core hub motor technology.

Braking

To slow down or stop, gently squeeze the **hand-operated front brake lever** on the handlebar. Apply pressure gradually to avoid sudden stops.

Lighting Features

The Power Core E90 Glow features an **electroluminescent wire** that lights up the top of the deck and **6 LEDs** that glow below the deck, enhancing visibility and style. These lights activate automatically when the scooter is in operation.

MAINTENANCE

Battery Care

- Recharge the battery after each use.
- If the scooter is not used for extended periods, charge the battery at least once a month to maintain its life.
- Do not store the scooter in extreme temperatures.

Cleaning

Wipe the scooter clean with a damp cloth. Do not use harsh chemicals or solvents. Avoid spraying water directly onto electrical components.

Brake Adjustment

Periodically check the front brake for proper function. If the brake feels loose or too tight, adjust the cable tension at the brake lever or caliper. Consult a qualified technician if you are unsure.

General Inspection

Regularly inspect the scooter for loose fasteners, damaged parts, or unusual wear. The scooter features an **all-steel frame and fork** for durability and a **flat-free, airless rear tire**, reducing maintenance needs for the rear wheel.



Figure 4: View of the durable all-steel frame construction.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not start or move.	Battery is not charged; Power switch is off; Throttle not engaged correctly; Loose connection.	Charge the battery; Ensure power switch is ON; Kick-start the scooter before engaging throttle; Check all visible connections.
Reduced speed or ride time.	Low battery charge; Battery aging; Overweight rider; Riding uphill or on rough terrain.	Fully charge the battery; Consider battery replacement if old; Ensure rider is within weight limit; Ride on flat, smooth surfaces.
Brake not working effectively.	Brake cable too loose; Worn brake pads.	Adjust brake cable tension; Inspect and replace brake pads if necessary.
Lights not working.	Loose connection; Electrical fault.	Check connections to the electroluminescent wire and LEDs; Contact customer support if issue persists.

SPECIFICATIONS

Model Name	Razor Power Core E90 Electric Scooter
Model Number	13112195
Brand	Razor
Motor	90-watt, high-torque, hub motor
Max Speed	Up to 10 mph (16 km/h)
Ride Time	Up to 60 minutes of continuous use
Battery	12V sealed lead-acid, rechargeable
Frame Material	Alloy Steel
Wheel Material	Polyurethane

Rear Tire	Flat-free, airless
Brake	Hand-operated, front brake
Weight Limit	120 Pounds (54 kg)
Recommended Age	8 years and up
Product Dimensions (LxWxH)	31.7" x 12.9" x 32.9" (80.5 cm x 32.8 cm x 83.6 cm)
Item Weight	9.82 Kilograms (21.65 lbs)
UPC	845423021474

WARRANTY AND SUPPORT

Manufacturer Warranty

This Razor Power Core E90 Electric Scooter is covered by a **Limited Manufacturer Warranty**. Please refer to the warranty card included with your product for specific terms and conditions.

International Disclaimer

This Razor product is produced for sale in the United States and Canada. Razor products produced for and sold in international channels are warranted as applicable in such foreign countries. For details regarding Razor products that require service, were purchased in the United States or Canada, and are now outside the United States or Canada, consumers are responsible for all costs including shipping, resulting taxes, duties of replacement parts, and local power adapters at the owner's expense.

Customer Support

For technical assistance, warranty claims, or to order replacement parts, please contact Razor Customer Support:

- Phone: [+1 866 467 2967](tel:+18664672967)
- Visit the official Razor website for more information and support resources.

