Razor Power Core E90

Razor Power Core E90 Electric Scooter User Manual

Model: Power Core E90

Safety
Assembly
Setup
Operating
Maintenance
Troubleshooting
Specifications
Warranty

1. Safety Guidelines

The Razor Power Core E90 Electric Scooter is designed for riders aged 8 and above, with a maximum weight limit of 120 pounds. Adherence to safety guidelines is crucial for a safe riding experience.

General Safety Rules:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Ensure adult supervision for young riders.
- Do not ride in traffic, near motor vehicles, or on busy streets.
- Avoid riding on uneven surfaces, loose debris, or wet conditions.
- Maintain a safe distance from other riders and pedestrians.
- The electrical system is certified compliant with UL 2272 by ACT Lab LLC.

Important Safety Features:

- **Non-Slip Deck:** Provides enhanced grip for the rider's feet, reducing the risk of slipping.
- **Rear-Wheel Drive:** Offers improved balance control and traction.

- **Hand-Operated Front Brake:** Allows for controlled and responsive stopping.

2. Assembly Instructions

The Razor Power Core E90 Electric Scooter requires minimal assembly. Please follow these steps carefully.

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all parts listed in the owner's manual are present and undamaged. The package should include the Power Core E90 scooter, a battery charger, and this owner's manual.

2.2 Handlebar Attachment

Insert the handlebar stem into the fork tube until it clicks into place. Ensure the quick-release clamp is securely fastened. Tighten any bolts as instructed in the included manual using the provided Allen wrench.

2.3 Kickstand Deployment

The scooter features a retractable kickstand for convenient upright storage when not in use. Simply push the kickstand down with your foot until it locks into position.



Image: The Razor Power Core E90 Electric Scooter shown with its retractable kickstand extended, allowing it to stand upright.

3. Initial Setup and Charging

Before the first ride, the scooter's battery must be fully charged.

3.1 Charging the Battery

1. Locate the charging port on the side of the scooter's deck.
2. Ensure the scooter's power switch is in the 'OFF' position.
3. Plug the charger into a standard wall outlet (100-240V AC).
4. Connect the charger's plug to the scooter's charging port.
5. Allow the battery to charge for approximately 12 hours for the first charge. Subsequent charges may take less time.
6. The charger's indicator light will typically change from red to green when fully charged.
7. Disconnect the charger once charging is complete.

Important: Always turn off the power switch after each ride. The battery may be unable to recharge if left ON without use.



Image: A detailed view of the scooter's deck, highlighting the power switch and the DC 12V charging port.

4. Operating Your Scooter

Familiarize yourself with the controls before riding.

4.1 Powering On/Off

To turn the scooter ON, flip the power switch located on the side of the deck to the 'ON' position. To turn OFF, flip the switch back to 'OFF'.

4.2 Starting the Ride

1. Place one foot firmly on the scooter's deck.
2. Use your other foot to push off the ground, gaining a small amount of momentum (kick-start).
3. Once moving, press the push-button throttle located on the handlebar to engage the motor.



Image: A close-up of the handlebar showing the green push-button throttle for acceleration.

4.3 Braking

To slow down or stop, squeeze the hand-operated front brake lever located on the handlebar. Apply gentle pressure initially and increase as needed for a smooth stop.



Image: A close-up of the handlebar showing the hand-operated front brake lever.

4.4 Riding Demonstration

Video: An official product video demonstrating the Razor Power Core E90 Electric Scooter in use, showcasing its features and how a child rides it.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your scooter.

5.1 Battery Care

- Charge the battery fully before first use and after every ride.
- Do not store the scooter with a completely discharged battery.
- If storing for extended periods, charge the battery at least once a month.

5.2 Cleaning

- Wipe the scooter clean with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid getting water into electrical components.

5.3 Tire and Brake Inspection

- Regularly check the tires for wear and tear. The Power Core E90 features a flat-free, airless rear tire.
- Inspect the brake system for proper function and adjust if necessary.

5.4 General Inspection

- Check all fasteners and connections before each ride to ensure they are secure.
- Inspect the frame and fork for any signs of damage or cracks.

6. Troubleshooting

This section addresses common issues you might encounter with your Razor Power Core E90 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not turn on.	Battery is discharged or power switch is off.	Ensure power switch is ON. Charge the battery for 12 hours.
Scooter runs slowly or loses power quickly.	Low battery charge or battery degradation.	Fully charge the battery. If issue persists, battery may need replacement.
Motor does not engage when throttle is pressed.	Scooter not kick-started or throttle malfunction.	Ensure scooter is moving before pressing throttle. Check throttle connection.
Brake is not effective.	Brake cable loose or worn brake pad.	Adjust brake cable tension. Inspect and replace brake pad if worn.

7. Product Specifications

Key technical details for the Razor Power Core E90 Electric Scooter.



Image: A detailed view of the Power Core Hub motor, highlighting its compact and efficient design.

Feature	Detail
Brand	Razor
Model Name	Power Core E90
Age Range	Kid (8+)
Weight Limit	120 Pounds
Product Dimensions (LxWxH)	32.5"L x 16"W x 36"H
Item Weight	22 Pounds
Motor	85-watt, maintenance-free hub motor
Max Speed	Up to 10 mph (16 km/h)
Battery	Rechargeable 12V sealed lead-acid
Ride Time	Up to 65 minutes continuous use
Maximum Distance Range	13 miles (21 km)
Charging Time	12 Hours (initial charge)
Frame Material	Alloy Steel
Wheel Type	Solid, Flat-free, Airless Rear Tire
Brake Style	Front Braking (Hand-operated)

Feature	Detail
Special Feature	Non-Slip Deck, Retractable Kickstand

8. Warranty and Customer Support

The Razor Power Core E90 Electric Scooter comes with a**90-day Limited Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical assistance, or replacement parts, please contact Razor Customer Service.
Do not return the product to the store of purchase without prior authorization.
For more information, visit the official Razor website or refer to the contact details provided in your product packaging.