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SHOUFA M2

Metro Mobility M2 Mobility Scooter User Manual

Model: M2 | Brand: SHOUFA

1. Important Safety Information

Read all instructions carefully before operating the Metro Mobility M2 scooter. Failure to follow safety guidelines may result in injury or damage to the scooter.

- Always wear appropriate safety gear, including a helmet, when operating the scooter.
- Ensure all components are securely fastened before each use.
- Do not exceed the maximum weight capacity of 330 lbs.
- Operate the scooter on stable, level surfaces. Avoid steep inclines or uneven terrain.
- Be aware of your surroundings and other pedestrians or vehicles.
- Do not operate the scooter under the influence of alcohol or drugs.
- Keep hands and feet clear of moving parts.
- Regularly inspect the scooter for any signs of wear or damage.

2. Product Overview

The Metro Mobility M2 is designed for comfortable and reliable personal transportation. It features a 250W brushless motor, dual battery options for extended range, adjustable seating, and essential safety lighting.



Figure 2.1: Metro Mobility M2 Scooter (Blue Model)

This image displays the overall design of the Metro Mobility M2 scooter, highlighting its compact frame, comfortable seat, front basket, and tiller. The blue color variant is shown.

3. Setup and Assembly

Follow these steps to assemble your Metro Mobility M2 scooter. It is recommended to watch the 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. **Install Tiller:** Insert the tiller into the designated slot at the front of the scooter base. Secure it using the provided locking mechanism and knob.
3. **Attach Seat Post:** Insert the seat post into the rear opening on the scooter base. Secure it with the locking pin and knob.
4. **Assemble Seat:** Unfold the seat and attach it to the seat post. Ensure the seat is firmly locked into place.
5. **Adjust Armrests:** Attach the armrests to the sides of the seat. Adjust their position for comfort and secure them with the adjustment knobs.
6. **Insert Battery:** Place the battery pack into its compartment on the scooter deck. Ensure it is properly seated and connected.

7. **Attach Front Basket:** Hook the front storage basket onto the tiller.
8. **Initial Charge:** Before first use, fully charge the scooter's battery. Refer to the "Charging the Battery" section for details.

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Video 3.1: Metro Mobility M2 Scooter Assembly and Features Overview

This video demonstrates the step-by-step assembly process of the Metro Mobility M2 scooter, including attaching the tiller, seat, armrests, and basket. It also showcases various features of the scooter.

4. Operating Instructions

4.1 Control Panel



Figure 4.1: Control Panel Layout

The control panel provides intuitive access to the scooter's functions:

1. **Key Switch:** Insert the key and turn to the 'ON' position to power on the scooter.

2. **Battery Gauge:** Displays the current battery charge level.
3. **Speed Knob:** Adjusts the maximum speed of the scooter. Turn towards the tortoise icon for slower speeds and the rabbit icon for faster speeds.
4. **Horn Button:** Press to activate the horn.
5. **Light Button:** Press to turn the LED headlight and rear brake light on or off.

4.2 Driving the Scooter

- **Starting:** Turn the key to the 'ON' position. Gently press the throttle lever (located on the handlebars) to move forward or backward.
- **Braking:** Release the throttle lever to engage the electromagnetic brake system, which will stop the scooter instantly.
- **Lighting:** Use the light button on the control panel to activate the bright front LED headlight and rear brake light for enhanced visibility, especially in low-light conditions.



Figure 4.2: LED Headlight and Rear Brake Light

This image illustrates the bright LED headlight at the front and the rear brake light, which are crucial for safety and visibility during operation.

4.3 USB Charging Port

The Metro Mobility M2 is equipped with a built-in USB port on the control panel, allowing you to charge your mobile devices while on the go.



Figure 4.3: USB Charging Port Location

This image shows the location of the USB charging port on the control panel, enabling convenient charging of personal electronic devices.

5. Comfort and Adjustability

The M2 scooter is designed with user comfort in mind, offering several adjustable features:

- **Adjustable Handlebar:** The height of the handlebar (tiller) can be adjusted to suit different user heights.
- **Adjustable Seat Height:** The seat post allows for height adjustments to ensure an ergonomic riding position.
- **Adjustable Armrests:** The armrests can be adjusted for width and angle to provide optimal support.
- **Breathable Comfort Seat:** The detachable seat features breathable padding to reduce fatigue during extended use.

- **Wider Footrest:** An 18.9" footrest provides ample legroom for comfortable positioning.



Figure 5.1: Breathable Comfort Seat Features

This image highlights the comfortable, permeable, and antimicrobial properties of the scooter's seat, designed for extended use.



Figure 5.2: Adjustable Components and Stability Features

This image provides a visual overview of the adjustable components such as the tiller, armrests, and seat height, along with stability features like the wider footrest, freewheel function, and anti-tipping wheels.

6. Maintenance

6.1 Battery Charging

The M2 offers flexible charging options for its removable battery:

- **Direct Charging:** The battery can be charged while remaining installed in the scooter.
- **Off-Board Charging:** The battery can be removed from the scooter and charged separately.

Always use the original charger provided with the scooter. Do not overcharge the battery. Refer to the battery indicator on the control panel for charge status.



Figure 6.1: Two Types of Battery Charging

This image illustrates the two convenient methods for charging the scooter's battery: directly on the scooter or by removing the battery for off-board charging.

6.2 General Care

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using harsh chemicals or abrasive cleaners. Do not spray water directly onto electrical components.
- **Tires:** Regularly check tire pressure and condition. Ensure tires are free from punctures or excessive wear. The scooter features non-scuffing tires.
- **Storage:** Store the scooter in a dry, cool place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is fully charged and periodically recharge it.

7. Troubleshooting

If you encounter issues with your Metro Mobility M2 scooter, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or not connected; Key is not in 'ON' position.	Charge the battery; Ensure battery is properly connected; Turn key to 'ON'.
Scooter moves slowly or lacks power.	Low battery charge; Speed knob set too low.	Recharge battery; Adjust speed knob to a higher setting.
Lights are not working.	Light button is off; Electrical connection issue.	Press the light button; Check for loose connections (if comfortable doing so, otherwise contact support).
Unusual noises during operation.	Loose components; Obstruction in wheels/motor.	Inspect for loose parts and tighten; Remove any obstructions. If noise persists, contact support.

If the problem persists after attempting these solutions, please contact customer support.

8. Specifications

Feature	Detail
Model	M2
Motor	250W Brushless Motor
Weight Capacity	Up to 330 lbs
Battery Options	12AH Lead-Acid (10-15 miles range) or 22.5AH Lithium (15-20 miles range)
Brake System	Electromagnetic Brake
Lighting	Front LED Headlight, Rear Brake Light
Connectivity	Built-in USB Port
Dimensions (Approx.)	39 x 33.9 x 19.1 inches
Weight (Approx.)	80.91 Pounds



Figure 8.1: Product Dimensions and Weight Capacity

This image provides a detailed diagram of the scooter's dimensions and highlights its 330 lbs weight capacity, ensuring stability and reliability.

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact SHOUFA customer service. The product is designed to provide reliable mobility solutions.
For customer support inquiries, please visit the official Metro Mobility website or contact your retailer.

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How do I get the Metro Mobility M2 scooter to move forward and reverse after it is powered up and ready to go?

To make your Metro Mobility M2 scooter move forward and reverse: Turn the key to the 'ON' position. Gently press the throttle lever (located on the handlebars) to move forward or backward. To stop...

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