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Metro Mobility M2

Metro Mobility M2 Mobility Scooter User Manual

Model: M2 | Brand: Metro Mobility

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Metro Mobility M2 Mobility Scooter. The M2 is designed for adults, offering long-range travel with dual battery options, a powerful 250W brushless motor, and a 330 lbs capacity. It features an adjustable seat and handlebar, along with integrated LED lights and a USB port for convenience.



Figure 1.1: The Metro Mobility M2 Mobility Scooter, showcasing its compact design and key features.

2. SETUP AND ASSEMBLY

The Metro Mobility M2 Mobility Scooter is designed for easy assembly. Follow these steps to prepare your scooter for use:

1. **Unfold the Tiller:** Carefully lift the tiller (handlebar column) from its folded position until it locks into place. Secure it with the provided locking mechanism.
2. **Attach the Seat:** Place the seat onto the seat post. Ensure it is securely fastened. The seat is detachable for easy transport and storage.
3. **Adjust Armrests:** The armrests can be adjusted for comfort. Loosen the adjustment knobs, position the armrests, and tighten the knobs.
4. **Insert Battery:** Locate the battery compartment and insert the battery. Ensure it is properly connected.
5. **Attach Front Basket:** Secure the front basket to the designated attachment point on the tiller.

Your browser does not support the video tag.

Video 2.1: Step-by-step assembly guide for the Metro Mobility M2 Mobility Scooter, demonstrating the unfolding, seat attachment, and accessory installation processes.



METRO
MOBILITY

*Travel with ease,
style and independence*

*Where Pavement Meets the Horizon
Glide Seamlessly from Cityscapes to Quiet Trails.
Your Journey Unfolds with Metro Mobility M2.*

Figure 2.1: Visual guide for assembling the scooter, highlighting key components and their placement.

3. OPERATING INSTRUCTIONS

3.1 Control Panel Overview

The control panel provides intuitive access to all scooter functions.

CONTROL PANEL

Simple controls for seamless operation



Figure 3.1: Detailed view of the control panel, indicating the key switch, battery gauge, speed knob, horn, light button, and USB charging port.

- **Key Switch:** Insert and turn the key to power on/off the scooter.
- **Battery Gauge:** Displays the current battery charge level.
- **Speed Knob:** Adjusts the maximum speed of the scooter.
- **Horn Button:** Activates the horn for signaling.
- **Light Button:** Turns the front LED headlight and rear brake light on/off.
- **USB Charging Port:** Located on the control panel for charging mobile devices.

3.2 Lighting and Safety Features

The M2 is equipped with advanced lighting and braking systems for enhanced safety.

HIGH BRIGHTNESS

Powerful lights for safety and visibility

LED headlight

Ensures clear visibility in low-light conditions.

Rear Brake Light

Improves safety by alerting others when braking.

Figure 3.2: The bright front LED headlight and rear brake light ensure visibility in low-light conditions.

- **Front LED Headlight:** Provides clear visibility during night operation.
- **Rear Brake Light:** Illuminates when braking, alerting others to your deceleration.
- **Electromagnetic Brake System:** The scooter stops instantly when the throttle is released, ensuring rider and pedestrian safety.
- **Anti-Tipping Wheels:** Located at the rear to prevent the scooter from tipping backward on inclines or during sudden acceleration.

3.3 Comfort Adjustments

Customize your riding experience for maximum comfort.

BREATHABLE COMFORT SEAT

Enjoy a Cool, Relaxing Ride Every Time



Comfortable



Permeable



Antimicrobial



Mesh fabric

Sweat absorbent and
breathable

Figure 3.3: The breathable comfort seat is designed for extended use, featuring permeable and antimicrobial properties.

PRODUCT DIMENSIONS

The high weight capacity ensures stability, safety, and reliability

LBS **330lbs**
Weight capacity



Figure 3.4: Overview of adjustable features including armrests, tiller, and seat height, along with the wider footrest and anti-tipping wheels.

- **Height-Adjustable Handlebar:** Adjust the tiller to your preferred height for comfortable steering.
- **Adjustable Seat:** The seat height can be adjusted to suit your needs. The detachable seat features breathable padding for comfort during long rides.
- **Adjustable Armrests:** Position the armrests for optimal support and comfort.
- **Wider Footrest:** Provides ample legroom for a comfortable ride.

3.4 Charging the Battery

The M2 offers flexible charging options for its removable battery.



**22.5AH lithium
battery**

Battery capacity



20miles

Battery range



2 TYPES OF CHARGING

Charge your scooter effortlessly

**1. No need to remove the
battery, charge it directly**



**2. Remove the battery
to charge**



Figure 3.5: The scooter battery can be charged directly while installed or removed for charging.

- **Direct Charging:** Plug the charger directly into the scooter's charging port without removing the battery.
- **Off-Board Charging:** Remove the battery from the scooter and connect it to the charger for convenient off-board charging.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Metro Mobility M2.

- **Cleaning:** Wipe down the scooter regularly with a damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Battery Care:**
 - Charge the battery fully after each use, even if only used for a short period.
 - If storing the scooter for an extended period, ensure the battery is fully charged and periodically recharge it (e.g., once a month) to maintain battery health.

- Avoid completely draining the battery, as this can reduce its lifespan.
- **Tire Inspection:** Periodically check tire pressure and inspect for wear or damage. Ensure tires are properly inflated according to the recommended pressure.
- **Fasteners:** Regularly check all nuts, bolts, and fasteners to ensure they are tight. Tighten any loose components.
- **Electrical Connections:** Ensure all electrical connections are secure and free from corrosion.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Metro Mobility M2. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or not connected; Key is not fully inserted or turned.	Charge the battery; Ensure battery connections are secure; Fully insert and turn the key to the "ON" position.
Motor runs but scooter does not move.	Freewheel mode engaged; Brake engaged.	Disengage freewheel mode (check lever near motor); Ensure brake is not stuck.
Reduced range or power.	Battery not fully charged; Battery degradation; Overloaded scooter.	Fully charge the battery; Consider battery replacement if old; Reduce load on scooter.
Lights not working.	Light button off; Loose connection; Bulb failure (LEDs are generally long-lasting).	Press the light button; Check wiring connections; Contact support if issue persists.

6. SPECIFICATIONS

Key technical specifications for the Metro Mobility M2 Mobility Scooter.

EASY TO ASSEMBLE

Fits in most trunks & through most doorways



Figure 6.1: Detailed product dimensions and weight capacity of the M2 scooter.

- **Model:** M2
- **Brand:** SHOUFA (Metro Mobility)
- **Weight Capacity:** Up to 330 lbs
- **Motor:** 250W Brushless Motor
- **Battery Options:**
 - Black Model: 12AH Lead-Acid Battery (10-15 miles range)
 - Red/Blue Models: 22.5AH Lithium Battery (15-20 miles range)
- **Lighting:** Bright Front LED Headlight, Rear Brake Light
- **Brake System:** Electromagnetic Brake
- **Convenience Features:** Adjustable Seat & Handlebar, USB Port, Detachable Seat, Wider Footrest
- **Package Dimensions:** 39 x 33.9 x 19.1 inches
- **Product Weight:** Approximately 80.91 Pounds (varies by battery type)

- **ASIN:** B0F3XM4Y42
- **Date First Available:** April 7, 2025

7. WARRANTY AND SUPPORT

For any inquiries or support needs, please refer to the following information:

7.1 Legal Disclaimer

Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

7.2 Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Metro Mobility customer support. Refer to your purchase documentation for specific contact details or visit the official Metro Mobility website.

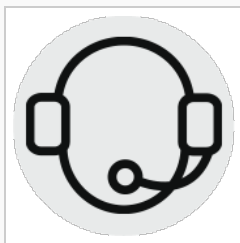


Figure 7.1: Customer Support information is available for assistance.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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