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- › Ecomobi /
- › Ecomobi MS02 PLUS Heavy Duty Mobility Scooter User Manual

Ecomobi MS02 PLUS

Ecomobi MS02 PLUS Heavy Duty Mobility Scooter User Manual

Model: MS02 PLUS

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Ecomobi MS02 PLUS Heavy Duty Mobility Scooter. Please read this manual thoroughly before using the scooter and retain it for future reference.



Figure 1: A full side view of the red Ecomobi MS02 PLUS mobility scooter, showcasing its robust design, comfortable seat, and rear basket.

2. SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your Ecomobi MS02 PLUS mobility scooter for first use.

2.1. Assembly Video Guide

Your browser does not support the video tag.

Video 1: This video provides a visual guide for the installation and operation of the MS02 PLUS Mobility Scooter, covering key assembly steps.

2.2. Step-by-Step Assembly

1. **Battery Installation:** Open the front compartment by turning the knob clockwise. Carefully place the battery into the designated slot. Connect the battery to the scooter's power cable.
2. **Tiller Height Adjustment:** Adjust the tiller to your preferred height using the three-section height adjustment mechanism. Ensure the latch is securely inserted into the corresponding hole.

3. **Seat Installation:** Position the wider and thicker seat onto the scooter's base. Ensure it is securely attached.
4. **Armrest Adjustment:** Install and adjust the armrests to a comfortable position.
5. **Accessory Installation:** Attach the crutch holders and the rear basket as needed. The rear basket features a one-touch insertion mechanism.



Figure 2: This image illustrates the unique front windbreak safety plate, a storage basket, and an additional storage compartment, emphasizing practical features.

Customizable Comfort



Figure 3: A visual guide demonstrating the adjustable seat height, 360-degree swivel, adjustable armrest width, and flip-up armrests for personalized comfort.

3. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and driving procedures for safe operation.

3.1. Control Panel Overview

Simple, Intuitive Controls

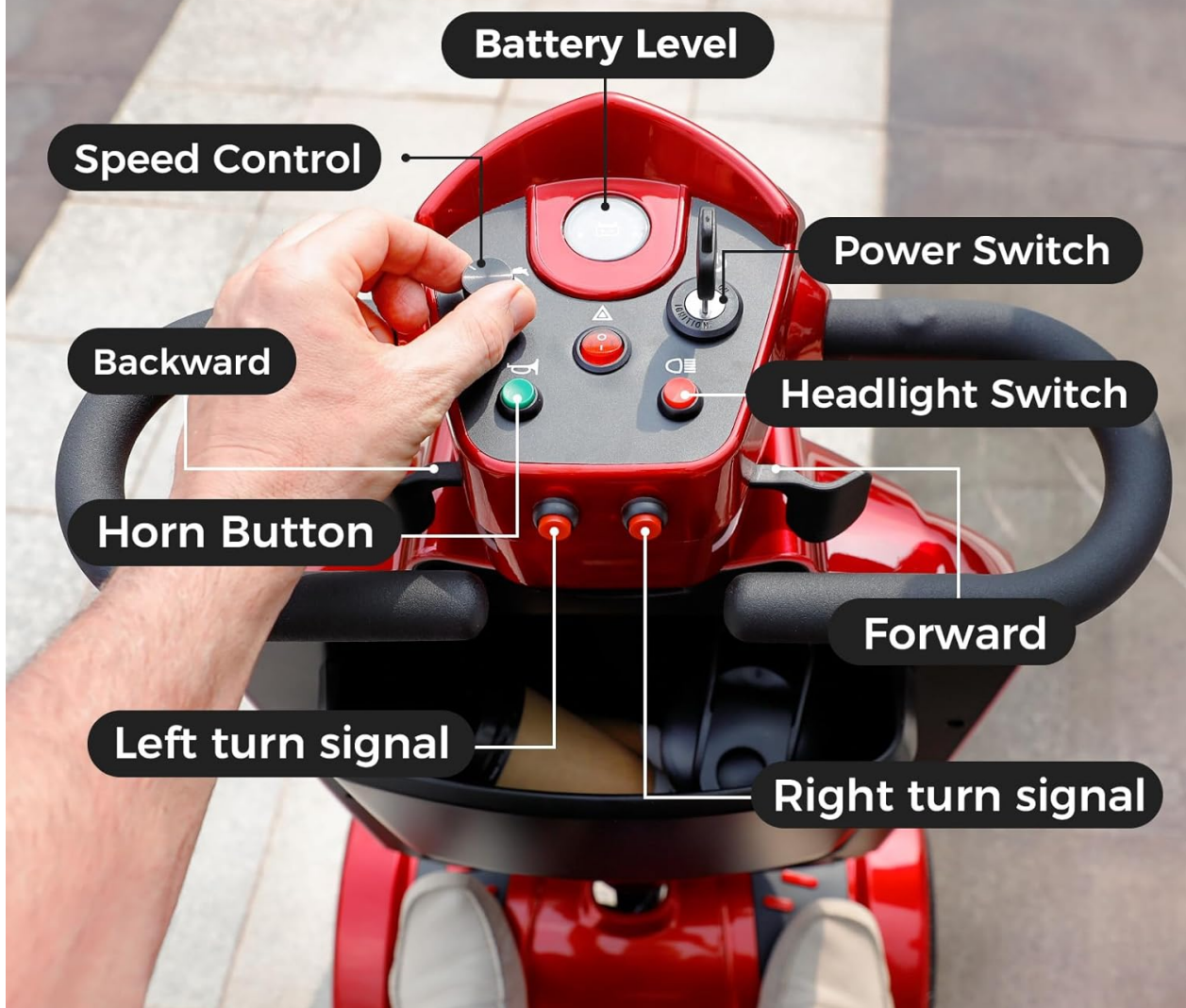


Figure 4: A close-up of the scooter's intuitive control panel, labeling the battery level indicator, speed control, power switch, headlight switch, horn button, and forward/backward levers.

- **Power Switch:** Turn the key to power on/off the scooter.
- **Speed Control Dial:** Adjust the maximum speed of the scooter.
- **Forward/Backward Levers:** Pull the right lever to move forward, the left lever to move backward.
- **Headlight Switch:** Activates the front LED headlight and rear lights.
- **Horn Button:** Press to sound the horn.
- **Turn Signal Buttons:** Activate left or right turn signals for indicating direction.

3.2. Driving Modes

The scooter can be operated in motorized mode or manual mode. To switch to manual mode, locate the yellow lever near the rear of the scooter and disengage the drive. An alarm will sound to indicate manual mode is active. Re-engage the lever for motorized operation.

3.3. Terrain Navigation

The MS02 PLUS is designed for versatility across various surfaces.



Conquer Any Terrain with Ease

Figure 5: This image highlights the scooter's 4.5-inch ground clearance and 10-inch tires, illustrating its capability to navigate various terrains like grass, gravel, and ramps.

- **All-Terrain Capability:** With 10-inch tires and 4.5-inch ground clearance, the scooter can handle grass, gravel, and ramps.
- **Hill Climbing:** The scooter has a 20° hill climbing capability. Approach inclines steadily and maintain a safe speed.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scooter.

- **Battery Care:** Charge the battery regularly, especially after extended use. Avoid fully discharging the battery to prolong its lifespan.
- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using harsh chemicals or excessive water.
- **Tire Inspection:** Periodically check tire pressure and for any signs of wear or damage.
- **USB Charging Port:** The scooter is equipped with a USB charging port for your devices. Ensure the port

cover is closed when not in use to protect against dust and moisture.

Safety-First Design



Figure 6: A composite image showcasing key safety features such as shock absorbers, a USB charging port, front and rear turn signals, and cut-off protection.

5. TROUBLESHOOTING

Refer to this section for solutions to common issues.

- **Scooter Not Moving:** Check if the power key is turned on and the battery is properly connected and charged. Ensure the manual mode lever is engaged for motorized operation.
- **Alarm Sounding:** If an alarm sounds, it may indicate the scooter is in manual mode (drive disengaged) or there is another system alert. Refer to the control panel indicators for specific warnings.
- **Reduced Range/Power:** This could indicate a low battery charge or a battery nearing the end of its lifespan. Ensure the battery is fully charged before each use.

6. SPECIFICATIONS

Detailed technical specifications for the Ecomobi MS02 PLUS Mobility Scooter.

Feature	Specification
Product Dimensions	53"D x 19.6"W x 41.3"H
Item Weight	139 Pounds
Motor Power	500W (up to 1000W peak)
Battery Capacity	32AH
Max Range	Up to 26 miles
Weight Capacity	Up to 400 lbs
Tire Size	10-inch
Ground Clearance	4.5 inches
Material	Aluminum

Ride Far Ride Free



20/32AH
Battery



16/26 Miles
Range



400 lbs
Capacity



Figure 7: An image highlighting the scooter's 20/32AH battery, 16/26 miles range, and 400 lbs capacity, with a person comfortably seated on the scooter.

7. WARRANTY AND SUPPORT

For warranty information, technical assistance, or any product-related inquiries, please contact Ecomobi customer support.

- **Online Mail Service:** ECOMOBICLUB@OUTLOOK.COM
- **Service Telephone:** +1(833)866-8282 (Available Mon-Fri, 9AM-6PM EST)



Eco-Conscious Innovation – Be the Change

Ecomobi – Mobility That Moves the Planet Forward



Recycled materials

Contains at least 50% recycled material



Safer chemicals

Made with chemicals safer for human health and the environment.



Worker well-being

Manufactured on farms or in facilities that protect the rights and/or health of workers

As certified by



Global Recycled Standard

Figure 8: Image displaying customer support details including email and phone number for assistance.