

Instruction Manual

Mobility Scooter



EMSLA2RED

SectorCare

Contents

Introduction

01	Safety Instructions	01
02	Installation Guide	02-04
03	Usage Operation	05-10
04	Electric Operation / Manual Push Mode	11

Safety Instructions

Emergency Power-Off

Immediately switch off the power supply if any of the following occur:

- 1 Unexpected or sudden movement
- 2 Loss of directional control
- 3 Brake failure

Safety Instructions

For safe operation of your mobility scooter, do not:

- Carry passengers.
- Operate under the influence of alcohol
- Tailgate other vehicles.
- Exceed the maximum safe climbing angle.
- Use the joystick erratically on inclines or declines.
- Exceed the maximum user weight capacity.
- Press the power button while moving, as this may damage the electromagnetic brakes or joystick controller.
- Disassemble the mobility scooter without first engaging the electromagnetic brakes and switching off the joystick controller.
- Drive on main roads; always use the footpath.
- Change direction or reverse before the mobility scooter has come to a complete stop.

Always:

- Wear the safety belt.
- Keep feet on the footrest while moving.
- Ensure the batteries are fully charged before each journey.
- Charge the scooter in a well-ventilated area.

Reminder: When operating a mobility scooter, the driver must obey all road rules and regulations.

WARNING: Before making any adjustments, always remember to remove the power key. Never attempt to make adjustments while the scooter is in motion.



Installation Guide

Major Parts

This scooter primarily comprises four main components: the front body, rear body, seat unit and batteries. The front body includes the controller, handlebar, and footrest. The rear body consists of the drive motor, The rear body includes the brake and electric components, as well as the controller unit. The seat unit comprises the backrest, armrest, and cushion.



01 Main Control

02 Seat

03 Battery

04 Wheel

05 Headlight

Installation Procedure

Opening The Packing Box

Open the packing box of your new scooter, and take off all protective liner and then take off the scooter that has folded from the box.

Adjusting Angle Tiller

1. Loosen the lock-nut.
2. Lift the tiller up until a proper angle for yourself.
3. Tighten the lock-nuts to fix the tiller.



Assemble The Seat Support

Insert the seat support into the seat tube located on the rear body.

Adjusting Angle Tiller

1. Align the seat pin to the seat tube hole.
2. Insert the seat pin into the hole.
3. Tighten the lock nut behind the seat tube



Seat Assembly

1. Put the seat onto the seat post.
2. Unlock the seat lock lever, adjust the seat toward the front and the lock lever will automatically lock the seat.
3. Assemble the left/right armrests respectively into the square tubes below the seat.
4. Adjust the seat width between the armrests suitable for you, tighten the knob.

Basket Assembly

Remove the two screws in the tiller. Assemble the basket holder onto the tiller.

Usage Operation



01 Key Switch

02 Speed Gear Button

03 Power Indicator

04 Front Light Button

05 Horn Button

06 Left Control Lever

07 Right Control Lever

01 Key Switch

Control power of the entire scooter.

02 Speed Gear Button

Pressing the button forward is one speed down, pressing it backward is one speed up, and when it is in the center position it is medium speed.

03 Power Indicator

Turn on the power switch, the meter will show the battery's power level, the green part indicates that the power is strong, the yellow part indicates that the power is weak, and the red part indicates that the power is very low. The battery must be charged in time.

04 Front Light Button

Press this button to turn on the light, then press this button again to turn off the light.

05 Horn Button

Press this button, the horn sounds.

06 Left Control Lever

Pull the lever backward with your left hand to make the scooter move backward. The greater the angle, the faster the speed. Slowly release the lever to slow down. When fully released and reset, the scooter will stop and enter the braking state.

07 Right Control Lever

Pull the lever backward with your right hand to move the scooter forward. The greater the angle, the faster the speed. Slowly release the lever to slow down. When fully released, the scooter will stop and enter the braking state.

Seat Height Adjustment

- Pull up the seating fixing bar to release the seat.
- Pull up the seat .
- Remove the latch by pulling the latch-ring outward.
- Adjust the seat height.
- Reload the latch.
- Reset the seat.

Seat Rotation

- Pull up the seat lock lever to release the seat.
- Rotate the seat to your desired direction.
- Release the seat lock lever, then it will lock the seat automatically.

Armrest Width

- Find the fixing screws on the armrest adjusting frame.
- Release the screws.
- Move the armrests outward or inward according to your needs.
- Retighten the fixing screws securely after adjustment.

Tiller Angle Adjustment

- Loosen the lock knob on the lower end of the tiller.
- Adjust the tiller back and forth according to your favorite angle.
- Fasten the knob.

Charging

The battery charger is important to the batteries. This off-board charger can charge your scooter's batteries safely, quickly and easily.

WARNING! Your scooter's batteries must be charged with the off-board battery charger supplied by us. Do not use any automotive-type battery charger.

Charging Batteries with the off-board Charger

- The scooter can be charged with battery pack connected on the scooter.
- Position your scooter near to a standard wall outlet.
- Lift the cover on the battery box.
- Ensure the scooter is off power.
- Plug the output connector of the off-board charger into the 3-pin charger socket of the scooter.

- The red light on the charger turns on that indicates charging on.

- When charging is nearly finished, the green light turns on.

You should continue to charge the batteries for one or two hours.

- It is recommended that your batteries are charged for 10 to 12 hours .
- When the battery pack is fully charged, unplug the input connector of the charger from the wall outlet and then its output connector from the 3-pin charger socket of scooter.
- The battery pack can also be charged off-scooter.



*Please turn off the power before charging.

Battery Condition Indicator

- When your scooter is powered up, this indicator shows the remaining capacity of the batteries by 3 color ranges.
- When pointing to green, it indicates that the batteries are fully charged .
- When pointing to yellow, it indicates that the batteries remain half of capacity, and they need to be recharged
- When pointing to red, it indicates that the batteries have been fully discharged, and they need to be recharged immediately.

Overload Protector

The overload protector is a safety device. When the overload occurs, this protector automatically trip to protect the motor and other electric devices. When the protector trips, your scooter will be powered down immediately. And then you should wait a minute at least before you can press the button on the protector, which is under the cover at rear body of scooter , to resume it . After that you can power up again and drive normally.

The malfunction phenomena of commuter vehicles and the corresponding solutions

Fault Indication	Fault Phenomenon	Solution
The buzzer sounds one alarm	The battery voltage is too low	Charge the battery in time
The buzzer sounds two alarms	The motor wire is disconnected or loose	Unplug the motor wire terminals, clamp the points with pliers and reinsert the controller
	The motor has malfunctioned	Replace the motor

The buzzer sounds six alarms	It will alarm six times without charging	Replace the controller
	The vehicle was operated during the charging process	Turn off the power lock while the power is on
The buzzer sounds seven alarms	After turning on the machine, the gear lever was operated without waiting for the power-on test for 3 seconds	It is recommended to wait for 3 seconds after turning on the machine for power-on detection before operating
	When the electric door lock is turned on, it will sound an alarm seven times and the vehicle won't move	Replace the potentiometer or the main line
	The vehicle suddenly stopped while driving and the alarm sounded seven times, but It wouldn't move	Check the battery box and the vehicle's wiring as well as the circuit lock
The buzzer sounds nine alarms	The lever is not in electric mode	Switch the rear lever to the electric mode
	The motor brake is faulty	Replace the motor brake
	It rings six times first and then three	Replace the motor

Electric Operation / Manual Push Mode

*If the user wants left lever forward, right lever backward, we can adjust the controller to achieve customer's request.

The other Function:



The yellow lever is the Manual brake lever.

Move the position of the yellow lever, the brake can be controlled to switch between electric mode and free-wheel mode.

Electric mode: When the brake lever is moved backwards to the "closed" position, the scooter is in braking state and cannot be pushed. At this position, turn on the power, so the scooter can run normally.

Free-wheel mode: When the brake lever is moved forward to the "open" position, the scooter is in a brake release state and can be pushed. (This function can be achieved by pulling the handle whether the power is on or off, but in this position, the scooter cannot be drove).

It is absolutely forbidden to push the brake lever forward to the "open" position(push by hand) when going downhill, because there is no brake effect at this time to ensure the safety of the user and the mobility scooter.

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