

Go-Lite Travel

**Zoom
Mobility**
EASY LIVING



USER MANUAL

Thank you for purchasing your Zoom Mobility Scooter. We are honoured you have chosen Zoom Mobility for your mobility needs.

Intended Use:

The intended use of this device is to provide mobility to persons limited to a seated position that are capable of operating an electric scooter.

WARNING!

DO NOT OPERATE OR SIT ON THIS SCOOTER WHILE IT IS IN THE FOLDED POSITION.

THE SCOOTER MUST BE FULLY UNFOLDED AND SECURELY LOCKED INTO ITS OPERATING POSITION BEFORE BEING SWITCHED ON OR USED.

OPERATING OR TURNING ON THE SCOOTER WHILE FOLDED MAY RESULT IN



DO NOT OPERATE WHILE IN FOLDED POSITION

Standard Packing List:

1 x Go-Lite Travel Scooter (please check the main frame and accessories are all there. If any damage or parts missing, please contact the retailer.

1 x QR Code Card (User Manual)

1 Cushion

Battery Charger

**DISCLAIMER**

We ask that you read this manual completely before operating your new Zoom Mobility Scooter and keep it for future reference. Zoom Mobility is not and cannot be held responsible for any damage or injury incurred due to improper or unsafe use of the Zoom Mobility scooter.

Zoom Mobility specifically disclaims responsibility for any bodily injury or property damage that may occur during any use that does not comply with applicable federal, state, or local laws or ordinances.

FOR YOUR RECORDS

Please fill in your Zoom Mobility Scooter's information below. This information will be useful in the event that you ever need to contact Zoom Mobility concerning your scooter.

Model _____ Serial Number _____

Date of Purchase _____ Invoice Number _____

Provider Name _____

Company _____

Address _____

City _____ State _____ Postcode _____

WARNING

PLEASE NOTE : All details contained within this user manual are correct as at time of print. Specifications/Recommendations are subject to change without prior notice.

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INTRODUCTION

Congratulations on the purchase of your new Zoom Mobility Scooter. We are excited to provide you with one of our innovative Mobility Scooters. The Zoom Mobility scooter combines cutting edge technology with attractive designs that are also highly functional in today's world. We at Zoom Mobility know that you have chosen a scooter that will give you years of dependable operation and will enhance the quality of your life by providing you with the mobility to experience an active daily lifestyle.

Even though your new Zoom Mobility scooter is both user-friendly and designed for maximum manoeuvrability, we ask that you **please read, understand, and follow all of the instructions and suggestions in this manual before you operate your scooter for the first time.** The safe use of your new scooter is very important to us.

If you feel that you do not understand the instructions and suggestions presented in this user manual, or if, for any reason, you do not feel capable of performing the activities necessary to assemble, disassemble, operate, or maintain your Zoom Mobility scooter, please contact your local Zoom Mobility provider, or call Zoom Mobility.

Zoom Mobility cannot be held responsible for personal injury or property damage resulting from the unsafe or the improper use of any of our personal mobility products. Also, Zoom Mobility cannot be held responsible for personal injury or property damage resulting from attempts to follow instructions, suggestions, and guidelines presented in this user manual.

Our Research and Development Department, our Quality Control Department, and our Engineering Department have used the latest product specifications and the latest product design information to manufacture your Zoom Mobility scooter. Zoom Mobility reserves the right to implement changes into our product lines when those changes become desirable or necessary. If changes are implemented into our product line, there may be minor differences between the product you purchased and the illustrations and instructions in this user manual.

We at Zoom Mobility would appreciate hearing about the dependability of your Zoom Mobility and about the convenience of mobility it has provided for you. We would also appreciate hearing about the service you received from your local Zoom Mobility provider or representative. You can email sales@zoommobility.com.au

There are several situations, including some medical conditions, where the scooter user will need to practice operating the scooter in the presence of a trained attendant. A trained attendant can be defined as a family member or care professional specially trained in assisting a scooter user in various daily living activities.

As you begin using your scooter during daily activities you will probably encounter situations in which you will need some practice. Simply take your time and you will soon be in full and confident control as you manoeuvre through doorways, on and off elevators, up and down ramps, and over moderate terrain.

This manual covers the use of various models, you will note that many of the operations and adjustments are similar and as such images may depict a different model to that which you have purchased.

For more information about our products and services or to send us your comments, email sales@zoommobility.com.au

UNFOLDING AND FOLDING THE SCOOTER

UNFOLDING THE TILLER LEVER

Place the scooter on the ground, loosen the knob on the tiller adjuster, adjust the tiller to a certain angle, and then tighten the knob.

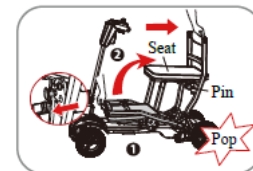
UNFOLDING THE REAR FRAME

- Grasp the handle with your left hand and lift it upwards to unlock the rear frame.
- Hold the rear frame with your right hand and flip it upwards.
- After flipping, the hook locks automatically and the rear frame is fully unfolded.

UNFOLDING THE SEAT

Pull the pin out until it comes out of the hole, turn the seat backwards until you hear a "pop", then the pin is automatically locked into the hole, which means that the scooter is fully unfolded.

Caution: When unfolding, do not put your fingers into the scissors mechanism to avoid pinching your fingers.



FOLDING

FOLDING THE SEAT

Pull the pin out until it comes out of the hole, the seat can be folded down by flipping it forward, and the seat will automatically lock when it is placed at the bottom.

FOLDING THE TILLER

Loosen the knob of tiller adjuster, put the tiller down to the seat, and then tighten the knob.

FOLDING THE REAR FRAME

- Grasp the handle with your left hand and pull upwards. At the same time, pull the pin on the rear frame side outward with your right hand to unlock the rear frame, and then release it with your right hand.
- Keep pulling upwards with your left hand and flip downward with your right hand while gripping the rear frame.
- After flipping, the rear frame automatically locks, and the folding is completed.

Stand up the folded scooter, you can save storage space, and you can easily tow it.

Caution: When folding, do not put your fingers into the scissors mechanism to avoid pinching your fingers.

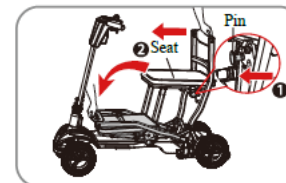
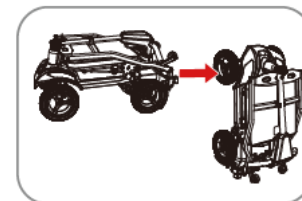
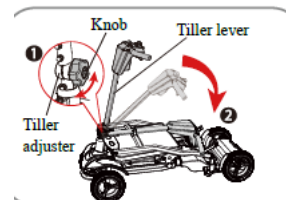
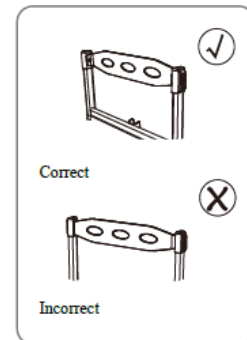


Fig 4.5.1



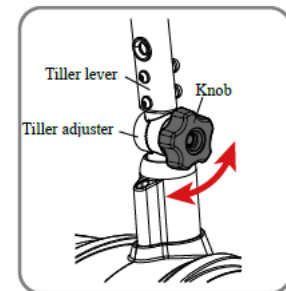
ADJUSTING THE BACKREST

Before driving, be sure to adjust the state of the backrest strap. The concave side of the backrest strap should face the back.



ADJUST THE TILLER ASSEMBLY

Loosen the knob on the tiller adjuster, hold the tiller lever to a comfortable angle for driving, and then tighten the knob.



MODEL FEATURES & SPECIFICATIONS

Go-Lite Travel

1. Collapsible for easy transport in a car
2. Lithium-Ion Battery Technology
3. Amazing 125kg load capacity



Your Zoom Mobility scooter has been designed with your comfort in mind. It has also been designed to be a safe method of transportation when safety and operating instructions are followed. Please review the features and benefits of certain components of the Zoom Mobility scooter below.

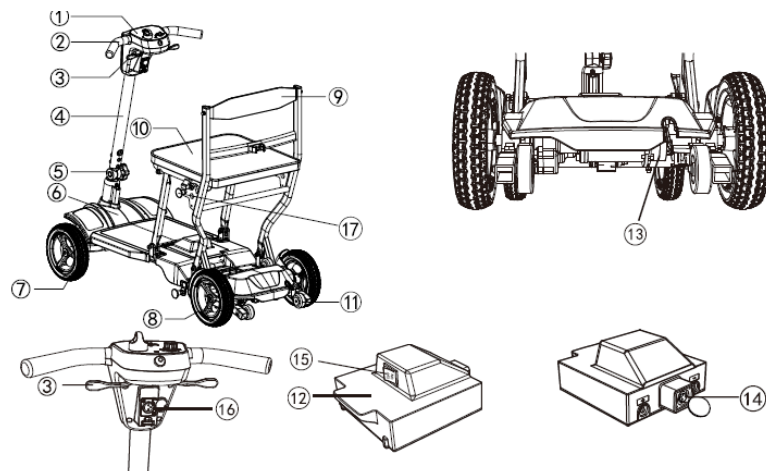
PRODUCT FEATURES

This product is designed to be light and compact, tiller can be adjusted back and forth according to human comfort. Scooter can be manually folded, it can be pulled easily when folded. Equipped with high-performance brushless controller, users can operate it flexibly. The battery is removable for easy charging.

- The waterproof level is IPX4, the degree of protection against electric shock is Class B.
- The rear geared motor is used to ensure reliable and stable riding.
- Ergonomic seat design provides sufficient comfort for drivers.
- This product is suitable for use indoors and on flat roads near buildings.

COMPONENTS

The scooter includes a frame, wheels, seat, battery, motor and controller.



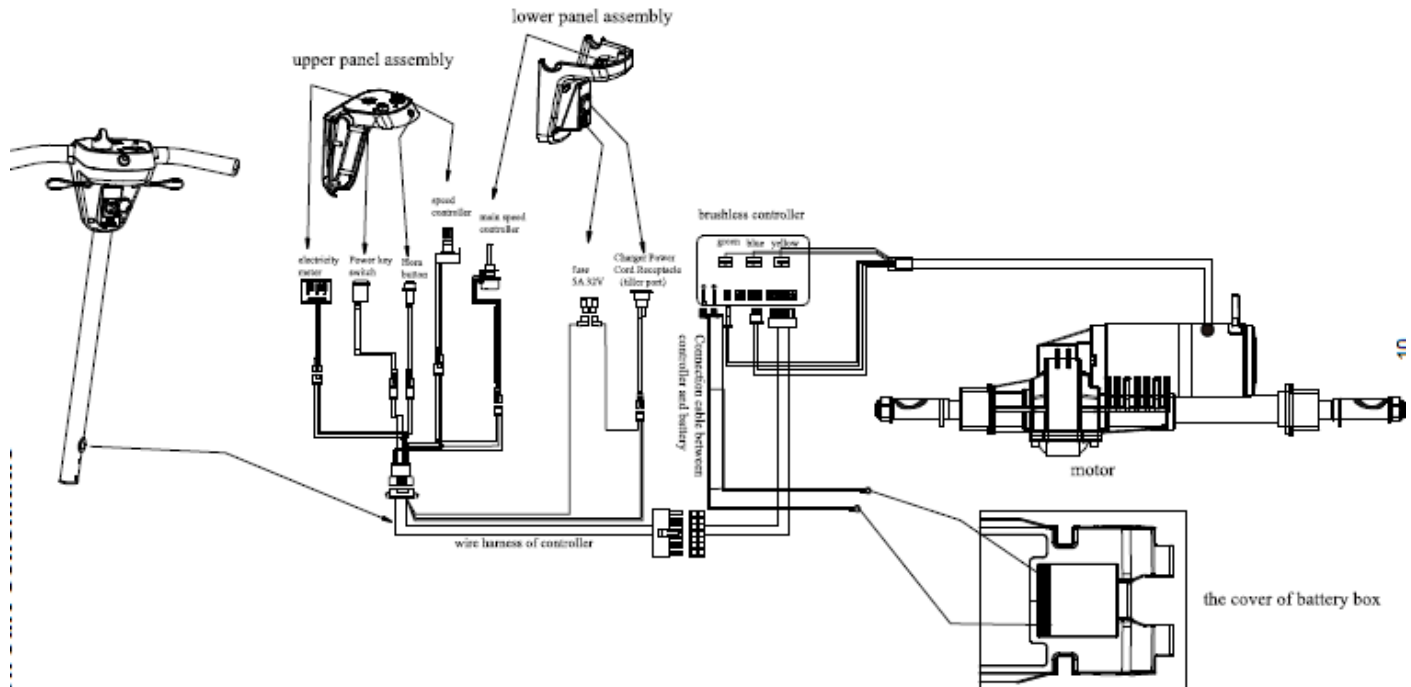
1. Control Panel	2. Handgrips	3. Throttle Control Lever	4. Tiller	5. Tiller Adjuster
6. Frame Cover	7. Front Wheel	8. Rear Wheel	9. Backrest	10. Seat
11. Anti-Tip Wheels	12. Battery Box	13. Transaxle Assembly	14. Battery Charging Port	15. Battery Switch
16. Tiller Charging Port	17. Pull Pin Assembly			

SPECIFICATION TABLE

MODEL DETAILS	Go-Lite Travel
Weight (W/O Battery)	15.6kg
Safe Working Load (SWL)	125kg
Colour Options	Blue Red
Motor Power	150W
Operational Range	Up to 8km
Controller	Intelligent Brushless Controller
Charger Size	24V 2A
Battery	25.2V/10.4Ah
Tyre Size (Front)	8" Solid Tyre
Tyre Size (Rear)	8" Solid Tyre
Max.Speed	6km/h
Ground Clearance	2.7km
Turning Radius	259cm
Climbing Capacity	6-8° (subject to user weight and surrounding conditions)
Brake System	Electromagnetic Brake
Drive System	Rear Wheel Driving (Differential)
Unfolded Dimensions (L x W x H)	105.4 x 45.4 x 88.9cm
Dimensions (L x W x H)	80.7 x 45.4 x 45cm
Warranty	2 Year Warranty

** Specifications are correct at time of print and are subject to change without notificatio

CIRCUIT SCHEMATIC



PRODUCT FEATURES

This product is designed to be light and compact; the tiller can be adjusted back and forth according to the user's comfort. The scooter can be manually folded, and it can be pulled easily when folded. Equipped with high-performance brushless controller, users can operate it ease. The battery is removable for easy charging.

1. The rear geared motor has been used to ensure reliable and stable riding.
2. Seat design provides sufficient comfort for drivers.
3. This product is suitable for use indoors and on flat roads travelling small distances.

INTENDED USE

It is used for the people with mobility difficulties. Only 1 person can be carried, and user's weight does not exceed the max loading capacity.

The persons under the age of 16, mentally handicapped, pregnant women and other incapable persons who cannot use scooter are prohibited from using this product.

Limitation may include the following.

- Hemiplegic or paraplegic
- Mental disorder
- Visually impaired

MAXIMUM WEIGHT

Your Zoom Mobility has been rated to a maximum weight capacity (operator and anything else being carried onboard) of **125kgs**. **Exceeding the maximum weight rating will void the warranty.**

SAFETY SYMBOLS EXPLAINED AND GUIDELINES

The symbols below are used in the User Manual and/or on the product to identify warnings and to notify you of important safety information. Make sure you read and understand them completely.



WARNING! Indicate(s) a hazardous situation which, if not avoided, could result in death or serious injury. This icon is represented as a black symbol on a yellow triangle with a black border.



CAUTION! Indicates that personal injury or item damage may occur with misused.



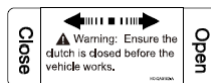
MANDATORY! Failure to perform mandatory actions can cause personal injury and/or equipment damage. This icon is represented as a white symbol on a blue dot with a white border.



PROHIBITED! Indicate(s) an action(s) that should not be performed under any circumstance. Failure to adhere can cause personal injury and/or equipment damage. This icon is represented as a white symbol with a red circle and red slash.



The max load capacity



Indicates to open and close the brake.

SAFETY SYMBOLS

The symbols below identify warnings, mandatory actions, and prohibited actions. They can be found in the User Manual and/or on the product. Make sure you understand all safety labels before operating the product. Do not remove safety labels.



Read and follow the User Manual!



Explosive conditions exist!



Indoor use only!



Use only AGM or Gel-Cell batteries!



Avoid transmitters!



Hot surface!



Pinch/Crush Hazard!



Do not place into trash!



Electrical hazard!



Corrosive chemicals inside
battery!



Recycle



Do not use personal electronic
devices!

SAFETY INSTRUCTIONS

Your Zoom Mobility is a battery-operated personal mobility vehicle. Please exercise caution and consideration when you are operating it. Driving your Zoom Mobility scooter carefully and thoughtfully will help ensure your personal safety and the safety of other people.

NOTICE Before learning to operate your Zoom Mobility scooter, have your authorized Zoom Mobility provider / a trained attendant / family member or care professional specially trained in assisting a scooter user in various daily living determine if it is advisable for you to practice getting on and off your scooter and operating it in the presence of an attendant.



MANDATORY! Read completely and understand this user manual before assembling, operating, transporting, or disassembling your Zoom Mobility scooter. Go slow at first until you become familiar with your scooter.

 PROHIBITED!	• Do not expose the electrical system of the scooter to moisture (such as rain, snow, fog etc) at any time. Do not wash the scooter, it will damage the electrical system. If wet, please confirm that there is no fault after drying, then you can use it. • Do not drive the scooter in bad weather conditions, such as rain, snow, fog, strong wind, temperature below -10°C For above 40°C, etc. Driving the scooter under these conditions may damage the electrical system and cause control failure. • Do not drive in deserts, beaches and do not drive on the road that is muddy, ponding, frozen, gravelly, or bumpy. So as not to affect the performance of the scooter, avoiding accidents and personal injury. • Users are strictly prohibited from modifying the scooter without the consent of the technician. In the event of an accident, the manufacturer is not responsible for it. • Please do not extend any parts of your body during driving, otherwise it will affect the stability of scooter. (Especially on bumpy roads).
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CAUTION!

- Be careful when driving and parking on sloped roads.
- Be especially careful of vehicles and pedestrians when driving at night or in any conditions causing vision to be impaired.
- For the safety of you and others, do not give the scooter to anyone who cannot operate it. Do not give the scooter to minors, mentally handicapped, pregnant women or other persons who are not suitable for electric scooter.



MANDATORY!

- The scooter is used as a means of transportation for the recovering, elderly and infirm. According to the traffic rules, a driver's license is not required. The same traffic rules apply as for pedestrians.
- For safety, do not drive a scooter under the influence of alcohol, fatigue, or confusion.
- If you are taking medication, check with your doctor if the medication could adversely affect the safe operation of your scooter.
- Please check the scooter conditions such as whether the brakes are sensitive, whether the performance is normal, whether all folding or unfolding mechanisms are locked in correctly, and whether the battery is in a state of power loss.
- **Before operating the scooter for the first time, please familiarize yourself with the functions of the scooter. Practice forward, acceleration, deceleration, stopping, reversing, uphill, downhill, turning, and other operations in a safe place with few people and in good ground conditions. Start a trip after mastering the operation.**
- Stay alert and pay high attention and slow down to drive more slowly on uneven or soft surfaces (such as grass), corners, busy streets, shopping centres, and parks and other crowded places. Do not adjust speed while driving.
- When moving backwards, please pay attention to the surrounding road conditions, people and objects before reversing and then reverse slowly.



PROHIBITED!

- Do not remove the anti-tip wheel.
- The scooter cannot be used for carrying or towing goods.
- The user needs to sit on the scooter seat and hold the two control handles to operate. **Do not use both throttle control leavers at the same time.** This may leave you out of control of your scooter.
- To avoid rollover, don't do zig-zap driving, don't make sharp turns at high speed.
- Do not use wireless communication devices such as mobile phones while driving. Park the scooter in a safe place and turn off the power before using them.
- When going out of the door or the elevator, please drive slowly. It is forbidden to go up and down the escalator/s.
- When going up and down a slope, please stay alert and pay high attention to driving straight at a low speed. Do not forcibly cross a slope that exceeds the allowable gradient.
- Do not force over obstacles or steps over 5cm in height, otherwise the scooter may not be able to go forward, which may cause the wheels to lose contact with the ground resulting in loss of brake functionality.
- Do not cross a trench more than 100mm wide, otherwise the scooter may not be able to go forward, causing the wheels to lose contact with the ground resulting in loss of brake functionality.
- When passing through crossroads, please obey the traffic rules and do not run red lights. When crossing a railway crossing, stop and observe first, and then move slowly at right angles to the railway track to avoid falling into the track groove.
- Do not intentionally switch on and off frequently, and do not frequently start or stop the scooter.
- Do not lend the scooter to others who have never used or are unfamiliar with the scooter. Do not allow minors to play with switches and throttle lever of the scooter.
- **Do not overload. The max loading capacity is 124kg. Just carry one passenger.**
- Do not disassemble the battery, motor, and controller by yourself. For replacement, please purchase genuine parts from an authorized retailer . (Scooters that have been modified to use non-genuine parts will not be covered under warranty).

USER GUIDE AND ADJUSTMENT

TRANSPORTING THE SCOOTER

This product can be folded into the trunk of a car.

To Transport Your Zoom Mobility Scooter

- Fold and unfold your scooter as close as possible to the loading area of the vehicle to be used for transporting your scooter.
- The degree to which you disassemble your Zoom Mobility scooter or fold the seat, and tiller depends on the size and shape of the cargo area of the transporting vehicle.
- Moving blankets or other forms of packing may be used to protect your Zoom Mobility scooter during transportation.

Risk of injury

- a. The scooter is not suitable for use as a car seat.
- b. Remove all loose parts before transport.
- c. No person or object should be under the scooter, and no person or object should be on the pedal or seat.
- d. Secure the scooter to ensure that in the event of a collision or sudden braking of the transport vehicle, passenger injuries can be avoided.
- e. Do not put your fingers between the parts of the scooter.

INSTALLATION AND ADJUSTMENT

BRAKE OPERATION

Pushing brake handle can be used to switch between "electric walking" and "manual walking".

"Electric walking": Push down the brake handle, it is in the off state, and it is driven by the motor.

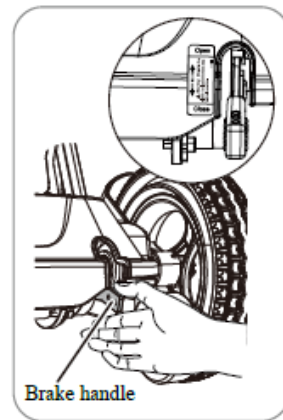
"Manual walking": Pull the brake handle upwards, it is in the on state, and the scooter can be pushed to move forward.

If you are ready to start the scooter to move forward, but it cannot drive, and only the alarm sounds, please check whether the state of the brake handle is off.

WARNING: It is forbidden that the brake is in the one state when going downhill and uphill, and there is no braking effect.

WARNING: Before turning off the brake, please turn off the power.

WARNING: When the brake is in the on state, please do not sit on the seat.

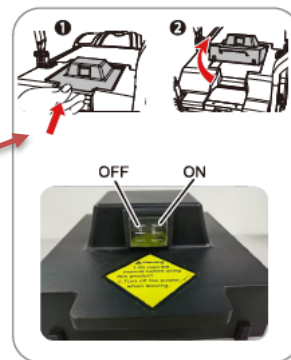


MOUNTING & REMOVING THE BATTERY

When removing and mounting the battery, please make sure that the power switch is in the "OFF" state

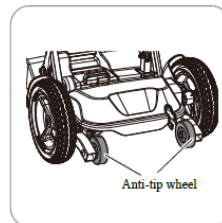
Remove and mount the battery according to the instructions in the picture.

Push Battery forward and lift up
This is spring loaded.



ANTI-TIP WHEEL

The anti-tip wheel assembly is installed on the back of the scooter frame for your safety. It prevents the scooter from tipping backwards when you step over obstacles that do not exceed the specified maximum height.



USE

Before you use the scooter for the first time, please read this chapter carefully and deeply understand the various precautions, so as to drive the scooter safely, comfortably and freely. If any question, please contact your nearest dealer.

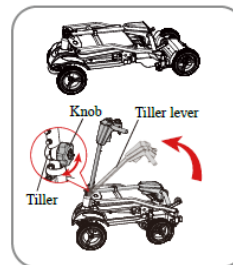
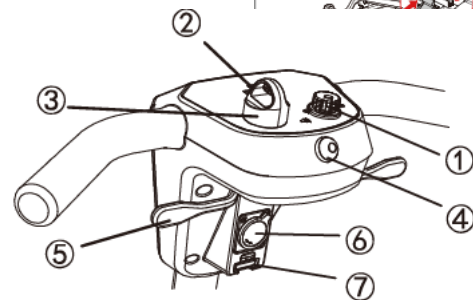


Fig 4.4.1

UNDERSTANDING THE OPERATIONAL INTERFACE

CONTROL PANEL

1. Speed Knob
2. Battery Gauge
3. Power Key Switch
4. Horn
5. Throttle Control Lever
6. Charger Port
7. Fuse



The function introduction of control panel.

1. Speed Knob

The speed can be adjusted by speeder knob, the speed range is within 0~7km/h. Turn the knob to the far left (turn it counterclockwise to the end) for the slowest speed, and the symbol is the 17 turtle. Turn the knob to the right end (turn it clockwise to the end) for the maximum speed, the symbol is rabbit.

2. Battery Gauge

Turn on the switch, the battery gauge will show how much the battery is charged. The green part means the battery is strong, the yellow part means the battery is weak, and the red part means the battery is low and needs to be charged in time.

3. Power Key Switch

Turn the key to the "ON" position, the power is turned on, and you can drive the scooter.

Turn the key to the "OFF" position, the power is turned off, and the scooter stops.

WARNING: It is forbidden to turn off the power while driving, as this operation will stop suddenly and cause the danger of tipping over.

4. Horn

Pressing the button will sound an alarm. To prevent accidents and damage, please use it promptly.

5. Throttle Control Lever

Hold the straight handle, push the right throttle control lever forward with the right thumb, and the scooter will move forward. Push the left throttle control lever forward with the left thumb, the scooter will move backwards. The horn will sound a warning sound when the scooter is moving backwards.

When the throttle control lever is fully released, it will automatically stop in the "centre" position, and the electromagnetic brake will automatically brake the scooter.

6. Charger Port

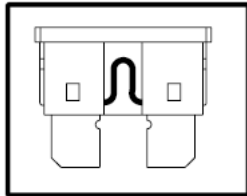
Charge the battery.

7. Fuse

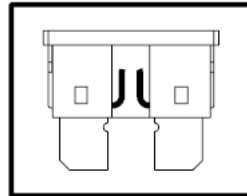
When a short circuit occurs, the fuse is blown to protect the safety of all lines.

Please check the fuse:

- Pulling the fuse out from the down charging port.
- Checking whether the fuse was blown or not, as Picture1 and Picture 2.
- Replace the blown fuse with new fuse.



Picture 1



Picture 2

WARNING: Please make sure the new fuse have same rating with the old one. The electrical system will be damaged with the wrong rated fuse.

5.3 Transfer in or out the scooter

WARNING: Be sure to turn off the power switch and remove the key before getting on or off the scooter.

5.4 Correct position in scooter

Here are some advices for comfortably using a scooter:

5.4.1 Please bring your back as close to the backrest as possible.

5.4.2 Make sure your thighs are level.

5.5 Driving

5.5.1 Start and drive

5.5.1.1 Check that manual freewheel lever must be closed.

5.5.1.2 Turn the power key switch to the "ON" state first.

5.5.1.3 Check the battery gauge to confirm the remaining power of the battery and charge it when it is low.

5.5.1.4 Adjust the speed knob to the desired speed.

5.5.1.5 Confirm the safety of the surrounding environment and road conditions.

5.5.1.6 The operation of throttle control lever: Slowly turn the right throttle control lever to control the forward of the scooter, turn the left throttle control lever to control the back of the scooter. Adjust the speed of the scooter according to the forward and backward degree of the throttle control lever.

5.5.1.7 Forward

Hold the straight handle, push the right throttle control lever forward with the right thumb, and the scooter will move forward.

5.5.1.8 Backwards

Push the left throttle control lever forward with the left thumb, the scooter will move backwards.

The horn will sound a warning sound when the scooter is moving backwards.

First Drive

WARNING: Take control of your scooter -get used to driving your scooter.

WARNING: Take control of your scooter -do not use both throttle control levers at the same time. This may leave you out of control of your scooter.

WARNING: Take control of your scooter, risk of injury -do not adjust speed while driving.

WARNING: Risk of injury -make sure no people or objects are behind you when reversing.

- Driving

When sitting on the scooter, start the scooter according to the operating instructions, then hold the handle with both hands, and use your fingers to pull the throttle control lever in the desired direction. Please refer to 5.2.2 for details.

- Driving on the sidewalks

The maximum speed on sidewalks depends on the country.

Check the traffic laws of your country.

- Braking

Release the throttle control lever to brake, let it return to the center position, the scooter will slow down and stop. Please practice the braking distance to get used to the scooter. You need to be able to anticipate what will happen to your mobility scooter when driving or braking.

Do not turn off the power switch while driving, otherwise it will cause an emergency stop and may result in accident and injury.

- Driving on curves

WARNING: Risk of rollover -slow down before entering curves or corners.

WARNING: Risk of getting stuck -always keep a sufficient distance from corners and obstacles.

WARNING: Risk of rollover -Please don't do S-drive and erratic driving. In corners and bends, use both hands to turn the handlebars in the direction you want. The front wheels will turn accordingly and guide the scooter in

a new direction. This is very important that you should make sure there is enough space for you to pass through corners and curves. It is best for you to start making a big curve before corners and curves, so that the scooter can keep going straight through as much as possible, when entering the narrowest corners and curves.

WARNING: Do not turn 90 degrees too fast, the rear wheel is likely to hit an obstacle and make your scooter unbalanced.

5.6.1 Backwards

WARNING: Take control of your scooter -get used to driving your scooter.

WARNING: Control the speed -go back as low as possible.

WARNING: Collision hazard -keep looking back when you reverse

Driving backwards requires more attention (left-hand operation). This explains why we should reduce the speed of reversing significantly compared to going forward. We recommend that you adjust the speeder knob to slow down when reversing.

5.6.2 Going uphill.

WARNING: Take control of your scooter -get used to driving your scooter.

WARNING: Take control of your scooter -never leave the scooter on a slope with the manual freewheel lever on.

WARNING: Control the speed -move as fast as possible on the slope.

WARNING: Do not back up when going uphill.

Sitting position when going uphill.

- Lean forward when going uphill.

Do not tip the scooter when going uphill. To avoid tipping over, make sure all wheels are in constant contact with the ground (ramp, driveway, etc.). The scooter is driven by a differential, so the two drive wheels should always be in contact with the ground.

When driving on a slope, the battery indicator light may move left and right. This is normal, please don't worry.

5.6.3 Going downhill

WARNING: Take control of your scooter -get used to driving your scooter.

WARNING: Take control of your scooter -never leave the scooter on a slope with the manual freewheel lever on.

WARNING: Control the speed -move as slowly as possible on the slope.

WARNING: Risk of rollover -avoid sharp turns.

Sitting position when going downhill

- Keep leaning back when going downhill.

Do not tip the scooter when going downhill. Tilt may cause some wheels to no longer maintain contact with the ground (risk of rollover).

The weight of the scooter will increase your downhill speed. Please release the throttle control lever in advance to slow down. And avoid sharp turns when going downhill, the scooter's own weight can cause your scooter to lift on one side or even roll over around a corner.

Driving on a slope

WARNING: Risk of injury--Do not exceed the maximum slope angle.

WARNING: Risk of injury---Try to choose a slight slope to avoid any injury or damage.

WARNING: Risk of injury---When the weight of the scooter produces a huge reaction force, the accompanying person needs to push the scooter up the ramp.21

WARNING: Risk of injury---Make sure wheels are high enough to pass ramps. The scooter frame must not touch the ramp.

To use the ramp to cross obstacles, please note the following:

1. Drive at the lowest speed on the ramp.
2. Please refer to the instructions in the chapter of "The first driving".

Driving over obstacles

WARNING: Risk of injury from accidental movement.

- Don't take the scooter on an escalator.
- Never drive over obstacles and steps over 2 inches.
- Do not drive fast on a slope of more than 5 degrees.
- Do not cross a groove more than 4 inches wide. Drive in a direction perpendicular to the groove surface.
- Do not tilt the scooter.

Make sure all wheels are in contact with the ground when driving up or down.

WARNING: Risk of damage. If necessary, do a short acceleration to get over an obstacle. Avoid large reaction forces on your scooter.

WARNING: Take control of your scooter -never leave your scooter with the manual freewheel lever on while driving.

WARNING: Take control of your scooter - never on a slope with your scooter with the manual freewheel lever on, it may roll unexpectedly.

Caution:

1. Please turn the power switch to "ON" when getting on and off.
2. Do not operate left and right throttle control levers with both hands at the same time to accelerate.
3. Do not turn the power switch to "OFF" while driving, it may cause sudden braking and fall.

4. Please drive at low speed indoors.
5. Please be careful when driving in crowded and heavy traffic areas.
6. When reversing, pay attention to the crowds and obstacles behind you.

Transport

Transport by car: This product may be folded into the trunk of a car.

WARNING: Risk of injury--The scooter is not suitable for use as a car seat.

WARNING: Risk of injury--Remove all loose parts before transport.

WARNING: Risk of injury--No person or object should be under the scooter, and no 22

person or object should be on the pedal or seat.

WARNING: Risk of injury--Please pay attention to whether you are sitting tightly and close to the scooter, in the event of a collision or sudden braking, passenger injuries can be avoided.

WARNING: Risk of injury--Do not put your fingers between the parts of the scooter.

BATTERY SAFETY & PERFORMANCE MANAGEMENT

Battery Installation

- Always have batteries installed by a qualified mobility scooter or wheelchair technician.
- Always fully charge batteries before first use.
- Always follow the installation and start-up instructions provided by Top Gun Mobility.
- Most mobility scooters and powerchairs operate using two batteries connected in a 24-volt series configuration.
- Never mix different battery brands, technologies, or batteries with mismatched date codes.
- Never combine Gel and AGM batteries in the same unit.

Battery Break-In Period

- Deep cycling is a process used by active powerchair users that cycle their batteries daily. This requires a unique battery design that will sometimes compromise initial capacity in return for longer battery life.
- Gel battery performance improves once the battery has been cycled (discharged and recharged) 15 - 20 times.
- This break-in period is necessary to fully activate the battery for maximum performance and longevity.
- Your range and running time of your mobility device could initially increase with use.

Charge Your Battery Daily

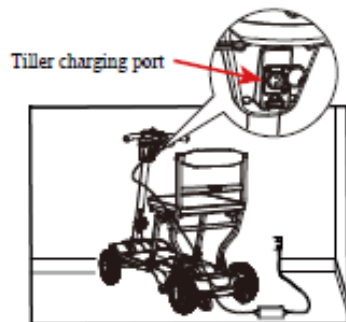
- The charger supplied with your mobility device is designed to fully recharge the batteries overnight. Modern smart chargers are voltage-regulated and automatically switch off once charging is complete, so overcharging is not a concern.
- Sealed VRLA GEL and AGM batteries do not suffer from the capacity-reducing “memory effect” associated with some other battery types.

Charging Guidelines

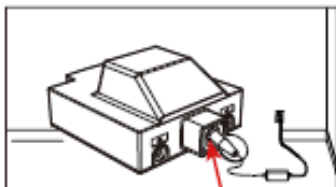
- Always use the automatic charger supplied or recommended by Top Gun Mobility.
- Never use an automotive or wet-cell charger on Sealed VRLA Gel or AGM batteries, as this can cause permanent damage.
- Battery cycle life is directly affected by depth of discharge – the deeper the discharge, the shorter the expected lifespan.
- Always avoid ultra-deep discharges.
- Never allow batteries to become completely flat.
- Never leave batteries in a low state of charge for extended periods. Recharge discharged batteries as soon as possible.
- Avoid repeatedly operating batteries at a low state of charge without fully recharging them on a regular basis.

Correct Battery Storage

- Always store batteries in a fully charge condition.
 - Inspect stored batteries monthly and recharge if required.
 - Fully charged Sealed VRLA Gel and AGM batteries can retain their charge for up to 6 months; however, they must be recharged before use.
 - If storing a powerchair or scooter for longer than two weeks, fully charge the batteries and then disconnect them during the storage period.
 - Avoid exposing batteries to extreme heat or cold while in storage.
- Sealed VRLA Gel and AGM batteries are maintenance free and do not require watering.

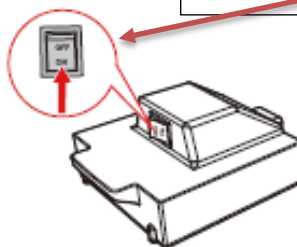


(Charging method I)



Battery charging port (Charging method II)

When charging the battery, make sure the switch is in the on position



Charger

Charger model: HP060WL2

Charger input: 100~240V AC, 50/60 Hz, 1.2~0.5A

Charger output: 24V, 2A Max (1.8A)

There are 2 states for the charger indicator.

1. Orange indicator: the power is on and charging.
2. Green indicator: Fully charged.

Caution:

Please note that the scooter should have safe circuits to prevent driving while charging. If the scooter cannot drive normally after charging, please check whether the battery charger is disconnected from the charging terminal. The charger must be kept in a dry environment at temperatures (14°F~ 104°F) and should not suffer mechanical damage. In all cases, the charger should only be repaired by an authorized dealer or the manufacture.

Caution:

1. You can only use our original charger. Using other chargers will affect the scooter warranty. Using an unapproved charger can cause serious damage to the battery or the scooter. Using an unsuitable charger can even create a fire hazard.
2. The input voltage of the charger is only limited to the urban electrical frequency voltage. It is forbidden to use the power frequency voltage higher than the urban electricity.
3. The charger is forbidden to be used in the case of high tide and high heat.
4. The charger has its automatic protection function, and no special care is required when charging. When the battery is fully charged, the charger will automatically stop charging, and there is no need to unplug the charger. However, the charger is not allowed to be connected to the scooter for a long time, generally no more than 20 hours.
5. When the charger is overheated (higher than 158°F), sparks, smoke, etc., the power of the charger should be cut off quickly.

MAINTENANCE

7.1 Cleaning your scooter

7.1.1 Seat cushions and backrest covers can be washed with water and neutral detergent once a week;

7.1.2 Other painted parts can be wiped with a cleaning cloth or a disinfecting cloth once a week.

7.2 Disinfecting the scooter

7.2.1 Disinfection of handles and armrests can be done with a cleaning cloth or a disinfecting cloth dipped in 75% medical alcohol, and then dry it immediately, once a week is enough.

Caution:

1. Do not use high pressure cleaners to clean the scooter. Do not splash water on the scooter.
2. Do not use volatile chemical solvents, such as high-concentration alcohol, ether, high-concentration acid or banana water, gasoline, kerosene, etc. Also do not use abrasive waxes, sponges, brushes, etc.
3. Be sure to turn off the power during cleaning, disinfection and maintenance.
4. All parts must be thoroughly dry before use after cleaning and disinfection.

7.3 Inspection, service and maintenance

7.3.1 Daily inspection

1. Check whether the throttle control lever is deformed or damaged.
2. After turning on the power switch, check if the scooter needs to be charged.
3. Check that the brakes are working before driving.

7.3.2 Weekly inspection

1. Before checking, please confirm that the power is turned off.
2. Check whether the throttle control lever is detached or broken.
3. Wipe the scooter with a soft, damp cloth that has been wrung out, taking care not to wet the electrical system.
4. Check that the throttle control lever can return to the center point, after releasing the lever.

7.3.3 Monthly inspection

1. Check the battery condition and wipe the battery connector if necessary.
2. Check the electrical system and check if the connectors are in good contact.

3. Check whether the fasteners are loose.
4. Check whether the front and rear tires are shaken or cracked or worn.
5. Check that the throttle control lever can return to the center point, after releasing the lever. 26

7.3.4 Annual inspection:

Ask a technician at the dealership to do a thorough inspection of your scooter.

7.4 Reuse

To reuse after a long period of inactivity, please first clean, disinfect and maintain the wheelchair according to the chapter "7.1, 7.2 and 7.3".

Inspect motors, batteries and chargers

Please check that there is no abnormality in the motor, and the battery and charger.

7.5 End of use

The symbol means that your product should be disposed of separately from household waste according to the local law and regulations. At the end of the wheelchair life, take it to the designated recycling place. Sorting and recycling will help conserve natural resources, and ensure it is recycled in an environmentally friendly way. Recycling of each part should be handled by a designated authorized recycling organization in accordance with local laws and regulations. As for plastic parts, frame and pipe parts, they can be handed over to professional recycling units for disposal after the end of use.

WARNING: Risk of injury--Disinfection should only be performed by trained personnel.

TRANSPORTATION AND STORAGE

8.1 Transportation and storage

- a. Ambient temperature range: -13°F — 104°F ;
- b. Relative humidity: $\leq 80\%$;
- c. Atmospheric pressure range: $80\text{kPa} \sim 105\text{kPa}$;
- d. Can be transported in general transportation.

COMMON FAULTS AND TREATMENTS

9.1 Detection of controller failure

The controller contains a program for identifying problems and troubleshooting. When the diagnostic program detects problems and errors, the buzzer will alarm, the buzzer continuously alarms until the fault is eliminated. Users can try the following methods to solve the problem, if the problem persists, please consult your Top Gun dealer.

NO	Number of flashes / beeps	Number	Fault	Fault causes and troubleshooting
1	★ ★★	1-2	Throttle control lever(lever potentiometer) Open circuit fault	There is a problem with the throttle control lever(lever potentiometer) connection, check whether the potentiometer is in good welding condition and whether the plug is in place. If the problem cannot be solved, please contact the dealer or the manufacturer.
2	★★ ★★★★★	2-5	Throttle control lever(lever potentiometer) short circuit fault	There is a short circuit in the connection of the throttle control lever (lever potentiometer), checking whether the lead of the potentiometer has a short circuit of stranded wires. If the problem cannot be solved, please contact the dealer or the manufacturer.

3	★ ★★★★★★	1-6	The throttle control lever is not in the center when powered on.	If the lever is not in the center position when powered on, the scooter will break down and the controller will issue a warning. Please check whether the lever is in the center position, make sure the lever is in normal position, power off and on again. In other cases, the lever may need to be recalibrated. If the problem cannot be solved, please contact the dealer or the manufacturer.
4	★★★★ ★★	3-2	Electromagnetic brake failure (open or short circuit of brake coil)	Check whether the manual freewheel lever is turned on. In electric walking, the manual freewheel lever must be turned on. Exclude the above situation, check whether the brake plug-in is connected normally, whether t the micro brake switch is turned on and off well, and whether the brake coil is good.
5	★ ★★★★★	1-3	Charge disabled	Please check if it is charging
6	★ ★★★★★★	1-5	Under voltage	Please check battery voltage

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The battery voltage is too low, the controller breaks down the scooter, and then issues a dead battery warning. If the scooter is turned off for a few minutes, the battery may recover a little. It may be allowed to drive for a short period of time.

7	★ ★★★★★	1-4	Motor Hall fault (The Hall is open or shorted or the Hall is damaged)	In the case of ensuring that the Hall plug is in good contact, use a multimeter DC20V to detect whether the high and low voltage (0V/5V) conversion of the motor Hall is normal.
8	★★ ★★★★★	2-4	Controller internal fault	Please contact the dealer or the manufacturer.

Notes

1. If above faults happened, the fault indicator and buzzer will work synchronously until fault was removed and the scooter was rebooted, the buzzer synchronously alarm will stop after two times to avoid the noise pollution.

2. Example: “*** **” means fault indicator blink three times, and then it will blink two times after a short time interval (or buzzer keep on ticking), which all prompt user there’s a failure with electromagnetic brake.

WARRANTY

Consumer Warranty

Scooters

Zoom Mobility has provided information throughout the user manual in regard to proper usage and care of your scooter. Failure to adhere to this information will void the warranty of the scooter, it's parts and the batteries supplied by Zoom Mobility.

The following warranty is granted only to the INITIAL Consumer who has purchased our product and commences on the Date of Purchase by the Consumer from an Authorized Zoom Mobility' Provider. The Consumer must have proof of purchase from Zoom Mobility or the authorised scooter provider to receive service.

Note: Your selling retailer is responsible for the repairs, and should you not be able to return the product to the selling retailer or another Top Gun Mobility retailer, you may be liable for any labour charges, parts will still be supplied free of charge. You will be liable for all labour and parts costs should the repairs not be covered by warranty.

The warranty covers the following scooter models unless otherwise noted:

Go-Lite Travel

3 Year Warranty:

For the life of the scooter, from the date of purchase from an authorized Zoom Mobility' retailer, in the event of defective materials or workmanship, Zoom Mobility will repair or replace at our option any of the following structural frame components found to be defective by an authorized Zoom Mobility representative:

- ◆ Steel Frame

One-Year Warranty:

For the period of one year from the date of purchase, in the event of defective materials or workmanship, Zoom Mobility will repair or replace at our option any of the following electronic assemblies found to be defective by an authorized Zoom Mobility representative:

- ◆ Electronic Controller
- ◆ Motor
- ◆ Gear Box
- ◆ Brake
- ◆ Other Electrical Parts (excluding Battery)

6-Month Warranty

For the period of 6 months from the date of purchase, in the event of defective materials or workmanship, Zoom Mobility will replace the batteries supplied by Zoom Mobility if found to be defective by an authorized Zoom Mobility representative.

Note: While charging batteries, it is normal for the battery charger to heat up. Heat coming from the battery charger does not constitute a defect.

Items not listed are covered at the discretion of Zoom Mobility. Any accessories, standard or optional, supplied by Zoom Mobility, are covered for a period of one year from the date of purchase with the particular unit (*if applicable*).

Warranty Exclusions:

Zoom Mobility does not provide warranty on any of the following items which may require replacement due to the normal wear and tear of day-to-day usage:

- ◆ Tyres and Tubes
- ◆ Grips
- ◆ Seats
- ◆ Back Cushions

This warranty also excludes for the following:

- ◆ Loss or theft of components (i.e.: keys, baskets, etc.)
- ◆ Damage caused by:

- Battery fluid spillage or leakage.
 - Abuse, misuse, accident, or negligence.
 - Improper operation, maintenance, or storage.
 - Commercial use or use other than normal.
 - Exceeding the specified weight capacity of the unit.
 - Repairs and/or modifications made to any part without the specific consent of Zoom Mobility.
 - Accessories other than those supplied or approved by Zoom Mobility.
 - Failure to adhere to the product instructions.
 - Acts of Nature, such as lightning strikes, cyclones, earthquakes, etc
 - Circumstances beyond the control of Zoom Mobility.
- ◆ ANY PARTS ALTERED OR REPAIRED BY AN UNAUTHORIZED PERSON.

Warranty Exclusions:

As mentioned above, the guarantee does not extend to those items which may need replacement due to normal wear and tear (tyres, belts, bulbs, upholstery, plastic shrouds, motor brushes, fuses, and batteries), or damage to the product caused by misuse or accident for which Zoom Mobility or its agent cannot be held responsible. This warranty does not include service calls or external bolt on components such as a canopy or canopy framework. Transport/Call Out Costs - As the owner you must bear the cost of transporting the unit to the retailer or should you decide to have the retailer come to you, you must bear the cost of the retailer's call out fee. Your retailer may choose to waive this cost, but this will be at the Retailer's discretion only and separate to Zoom Mobility's warranty terms and conditions.

Warranty Service Period:

The service intervals are every 500km or every twelve (12) months from date of purchase, whichever occurs first. We recommend using a Zoom Mobility Service Provider. Proof of annual service (paid invoice receipts) must be kept and provided upon any warranty claim. This warranty will be void if annual servicing is not carried out.

Service Checks and Warranty Service:

Warranty service can be performed by an authorised Zoom Mobility Provider / Local Mobility Scooter Technician. Please contact your authorised Zoom Mobility Provider for advice on the current cost affecting the service visit. Zoom Mobility reserves the right to replace warranted part(s) with refurbished or new part(s) at our discretion. All labour charges, service calls, transportation costs or any other charge(s) associated with the installation of any warranted part(s) are the responsibility of the consumer. Warranty is for the replacement of the parts only and does not include freight for the replacement parts. Consumers are not to return any item(s) to Zoom Mobility without prior written authorization. Any damages incurred while warranted part(s) are in transport are the sole responsibility of the consumer.

Commercial Use:

Any Zoom Mobility products used in a commercial application will only be covered by a 12-month warranty from the purchase date and will be excluded from any coverage mentioned in the warranty relating to 3 (three) or 1 (one) year warranty. All other conditions in this warranty will apply.

There is no other express warranty.

Implied warranties including those of merchantability and fitness for a particular purpose are excluded. Liabilities for consequential damages are excluded. This warranty gives you specific rights and you may also have other rights which may vary from state to state.

END OF USE



The symbol means that your product should be disposed of separately from household waste according to the local law and regulations. At the end of the wheelchair life, take it to the designated recycling place. Sorting and recycling will help conserve natural resources, and ensure it is recycled in an environmentally friendly way. Recycling of each part should be handled by a designated authorized recycling organization in accordance with local laws and regulations. As for plastic parts, frame and pipe parts, they can be handed over to professional recycling units for disposal after the end of use.

SERVICE RECORD

Certification, by signature and stamp, of an Authorised Zoom Mobility retailer /repairer is required to verify that the recommended routine maintenance has been performed on this Mobility Scooter. An accurate record is necessary to protect your warranty.

Always present this book to the retailer when routine maintenance is performed or when warranty repairs are requested. Service intervals are required as per Maintenance Schedule section of this User Manual.

RETAILER /REPAIRER: 500km/12mths	RETAILER /REPAIRER: 500km/12mths
DATE: Being:	DATE: Being:

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Technical Service, please scan the following QR code.



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