

ROVER Powerchair

**Zoom
Mobility**
EASY LIVING



USER MANUAL

FOR YOUR RECORDS

Please fill in your Zoom Mobility Powerchairs information below. This information will be useful if you ever need to contact Zoom Mobility concerning your Powerchair.

Name of Purchaser: _____

Address: _____

Model: *Rover Powerchair* Serial Number _____

Date of Purchase _____ Invoice Number _____

Provider Name _____

Company _____

Address _____

City _____ State _____ Postcode _____

Email: sales@zoommobility.com.au

Thank you for purchasing your Zoom Mobility Powerchair. We are honoured you have chosen Zoom Mobility for your mobility needs. Please read this user's manual carefully before using and save for future reference.

Intended Use:

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

Standard Packing List:

1. 1 x *Rover Powerchair*
2. 1 x User Manual

If structural damage occurs during shipping, contact your supplier for further instruction and DO NOT use.

**DISCLAIMER**

We ask that you read this manual completely before operating your new Zoom Mobility Powerchair. 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 Powerchair.

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.

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INTRODUCTION

Congratulations on the purchase of your new Zoom Mobility Powerchair. We are excited to provide you with one of our innovative Mobility Powerchairs. The Zoom Mobility Rover Powerchair 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 Powerchair 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 Powerchair is both user-friendly and designed for maximum manoeuvrability in even the tightest spaces, we ask that you please read, understand, and follow all the instructions and suggestions in this manual before you operate your Powerchair for the first time. The safe use of your new Powerchair 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 Powerchair, please contact your local Zoom Mobility provider.

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 Powerchair. 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 Powerchair user will need to practice operating the Powerchair 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 Powerchair user in various daily living activities.

As you begin using your Powerchair 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.

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

Waste Disposal



Symbol on the left indicates your product should be treated separately from domestic garbage according to local laws and regulations. When the product reaches its lifespan, please take it to the designative waste collection point run by the local authority. Sorting and recycling of this powerchair will help to save the natural resources and ensure it is recycled in a way of protecting the environment.

Plastic parts, frames and tubes can be handed over to the professional recycling units for disposal after reaching its lifespan.

PRODUCT OVERVIEW

Rover Powerchair

MODEL DETAILS	<i>ROVER POWERCHAIR</i>
Weight	120kg
Safe Working Load (SWL)	150kg
Footrest Safe Working Load	100kg
Motor Power	450W x 2
Battery	70AH
Battery Charge Time	Up to 7H
Seat (D x W)	40.7 x 50.5cm
Operational Range	Up to 35 cm
Maximum Speed	7km/h
Maximum Climbing Grade	6-8°
Ditch Height	15cm
Obstacle Height	8cm
Lights	Front Light, Turning Light, Rear Light
Shock Absorber	4
Cushion / Back Cushion Material	Leather Back Sponge Cushion / Leather Latex Cushion
Front Wheel	10" Omni Wheel
Rear Wheel	12" Solid Tyre
Drive	4 Wheel Drive

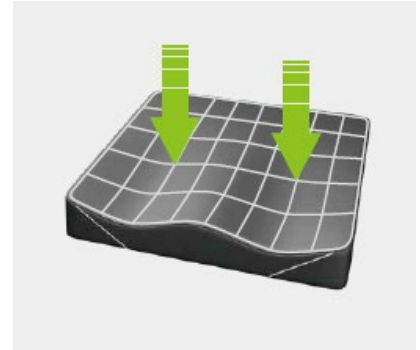
** Specifications are correct at time of print and are subject to change without notification

PRESSURE SEATING SYSTEM

Except travelling, the Rover Powerchair places more emphasis on comfort and safety.

The cushion is made of high elastic biocompatible fabric material and airbag sponge to provide users with preventative protection of skin and soft tissues. It is breathable, fireproof, waterproof, skid resistant and easy to clean.

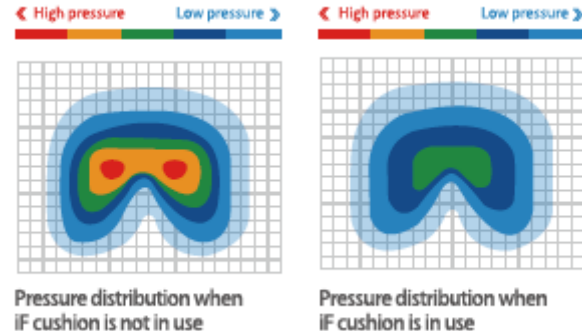
The intelligent sensing seat system avoids the risk caused by mis operation to ensure user's safety.



Selection of imported W ergonomics pressure release cushion.

Accurate and stable support for the pelvis. It helps maintain optimal support for the ischial tuberosity and greater trochanter. Reducing surface pressure and pain by using body pressure distribution.

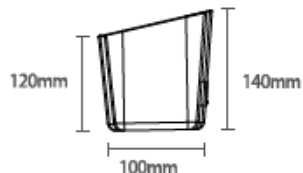
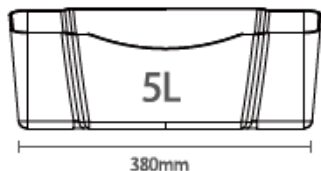
This Effectively prevents bedsores caused by long sitting.



FUNCTION & FEATURES

- Voice Prompts
- Seat adjustable, up and down, front and rear.
- AWD system.
- Build-in lithium battery, with self-monitoring power function.
- Manual or power control is optional.
- EMC complies with ISO7176:2019 and EN60601:2015

The back hook, storage box can carry daily grocery shopping goods and personal belongings. Equivelent up to 1.5kg vegetables + 1.5kg fruits + 4 water bottles.



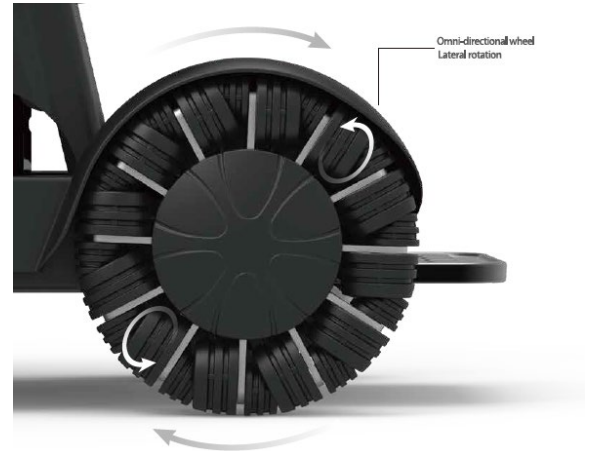
MOTOR AWD SYSTEM

The Rover Powerchair has powerful and stable AWD power, which can accommodate a high load limit. It is a quiet and battery efficient. It is equipped with an electromagnetic braking system, has fast braking when releasing the control stick, and is reliable on slopes.



OMNI-DIRECTIONAL WHEELS

The innovative design of the 6th generation omni-directional wheel with international patent is adopted in the Rover Powerchair, every omni-directional wheel is made of 12 larger wheels and 12 smaller wheels. It creates smaller movement dislocation segment, smooth and quiet operation, flexible lateral movement and anti-winding.

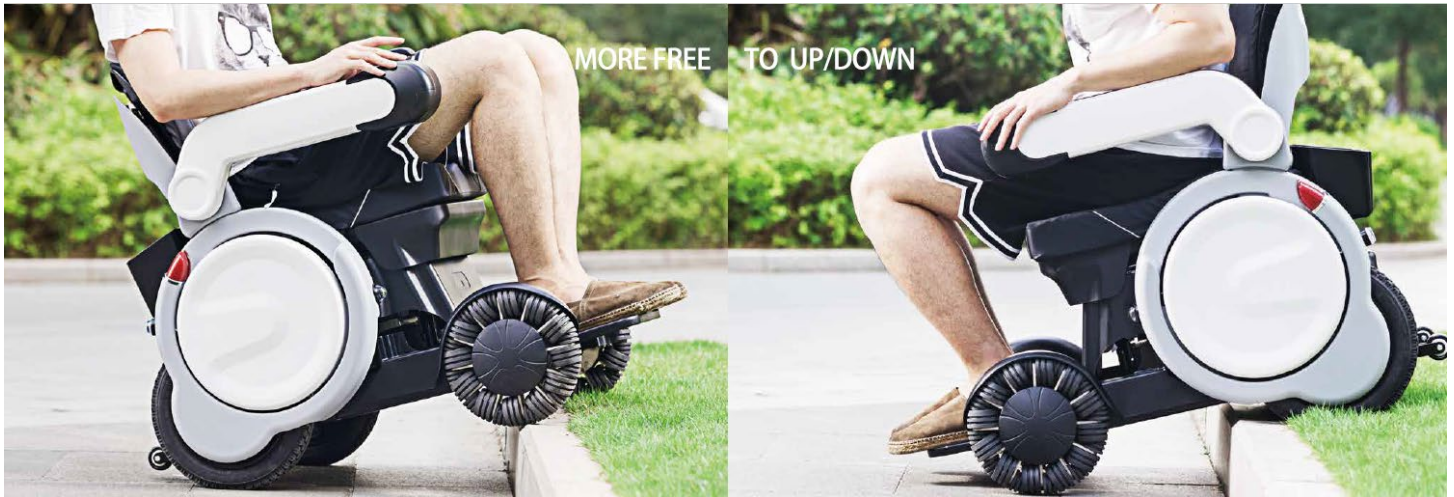
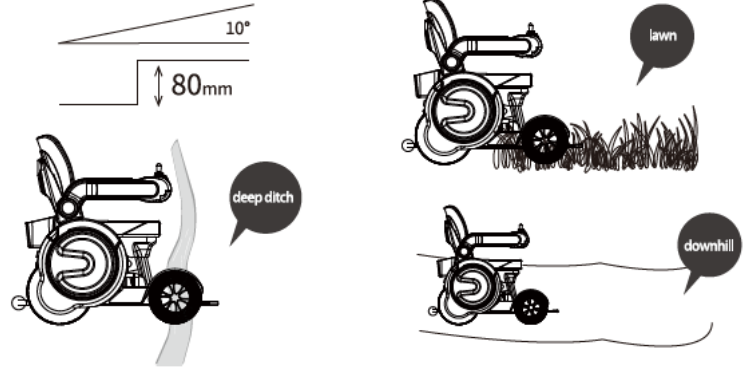


The Rover Powerchair can spin around a minimum radius of 77cm. It can be rotated flexibly within narrow indoor spaces, whether in the bathroom, kitchen, bedroom or elevator.



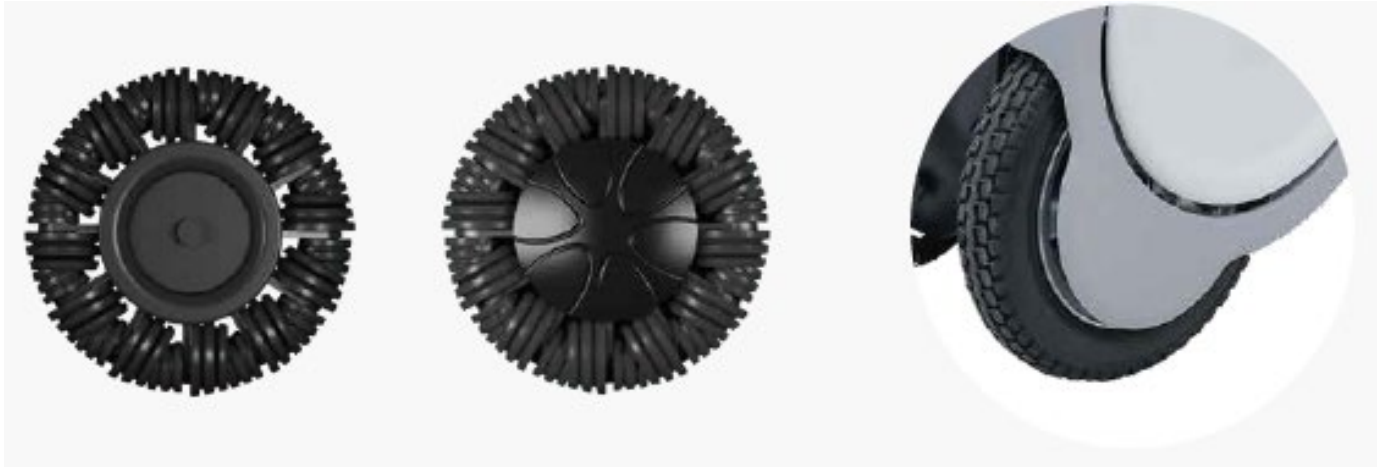
ROAD ADAPTABILITY & OBSTACLE CROSSING

The Rover Powerchair can incline up a 8cm road step and 15cm width ditch crossing, It has a 6-8° slope climbing grade and can adapt with stone roads, lawn, beach, and curbs.



RUN FLAT TYRES

Run flat tyres are used on all four wheels of the Rover Powerchair and they are inflation free, don't worry about replacing tyres because the process of maintenance is quite easy. You can enjoy a smooth and reassuring driving experience. Different from ordinary tyres, the omni-directional wheel is filled with multi-point distributed gel rubber. This material has the character of toughness and durability, allowing better contact with the drive shaft and grip. Tyres adapt themselves when they are crossing obstacles.



ULTRA LONG ENDURANCE MILEAGE

The Rover Powerchair has lithium battery power, this gives protection in over voltage, under voltage, overheating, over current and overload, providing worry free charging. It has a long service life power system. Each lithium battery has a fuse, providing you with completely worry-free charging protection.

LIGHTS

FRONT HEADLIGHTS

The front headlights have four levels of adjustments to ensure safe travel in dark spaces at night.



REAR LIGHTS

The back reverse lights flash when in reverse mode partnered with a sound alarm to remind pedestrians and vehicles of surrounds, protecting yourself and others.



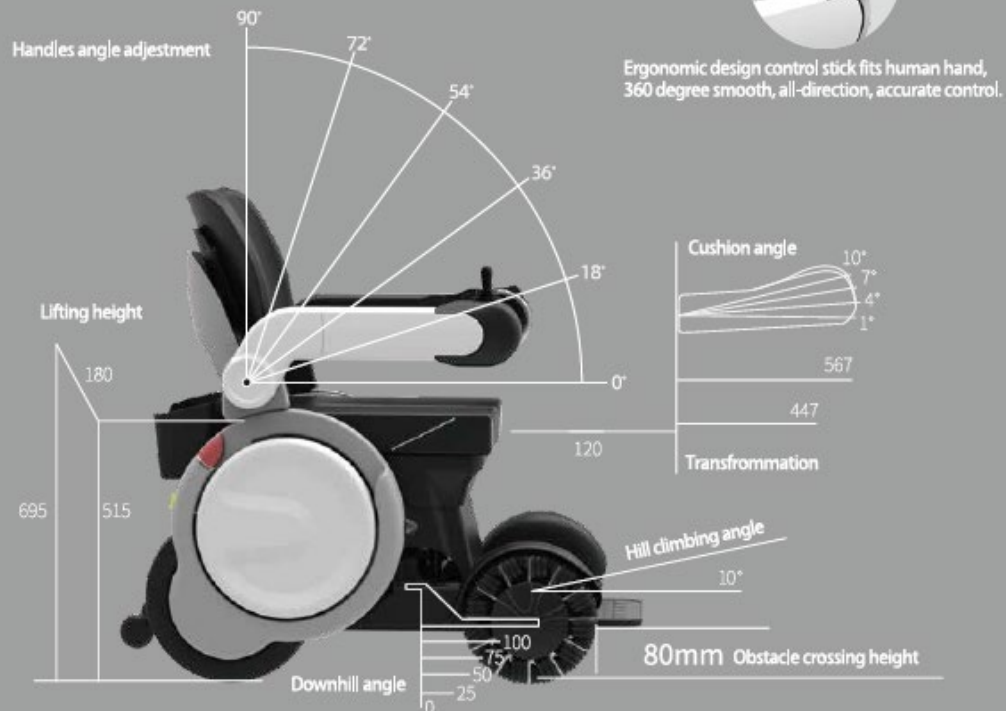
CUSTOMISATION

The Rover Powerchair can be customised based on 8 body data. Following the ergonomic design, the Rover lets users sit longer without feeling uncomfortable. According to individual difference, the seat, backrest, and the handrails can be adjusted. This enables users with the different physical conditions to customise the powerchair based on their own needs. This creates a comfortable ride and avoids injury.

- Closed front pedal to avoid getting your feet stuck.
- Adjustable seat depth to prevent compression of blood vessels.
- Adjustable height of the handrail to avoid shoulder fatigue.
- Handheld control stick avoids figure fatigue.
- Adjustable seat height to ensure feet are on the pedal.
- Body pressure distribution cushion, preventing bedsores.
- Adjustable backrest, convenient to lie on and take a rest.
- Hand separation design avoids arm disfunction.



CUSTOMIZE YOUR UNIQUE RIDE



ELECTROMAGNETIC COMPATIBILITY

CAUTION:

- The electric powerchair meets the requirements of EN60601:2015 electromagnetic compatibility.
- The user shall install and use the Electro Magnetic Compatibility information provided by product files.
- Portable and mobile radio frequency communication equipment may affect the performance of the powerchair. Avoid strong electromagnetic interference when using this powerchair, such as mobile phones, microwave ovens etc.

WARNING!

- This powerchair shouldn't be used in close proximity to or stacked with other equipment. If it is inevitable, they should be observed and verified to work normally in the configuration they are used in.
- With the exception of chargers sold as spare parts by the manufacturers of electric powerchairs, the use of chargers other than those specified may result in increased instability if the powerchair or decrease in immunity.

SAFETY

SAFE RIDING

Safety is considered a significant point in the Rover Powerchairs design process. The body structure is made up mixed materials of steel and aluminium in order to ensure the strength of the main frame, stable gravity and grip. The liftable aluminium alloy pedal results in robust and stable performance which allows users to stand on it. The chassis with uniform weight and level 4 stock absorption technology can absorb the vibration caused by the wheels encountering rough roads, improving the riding experience.

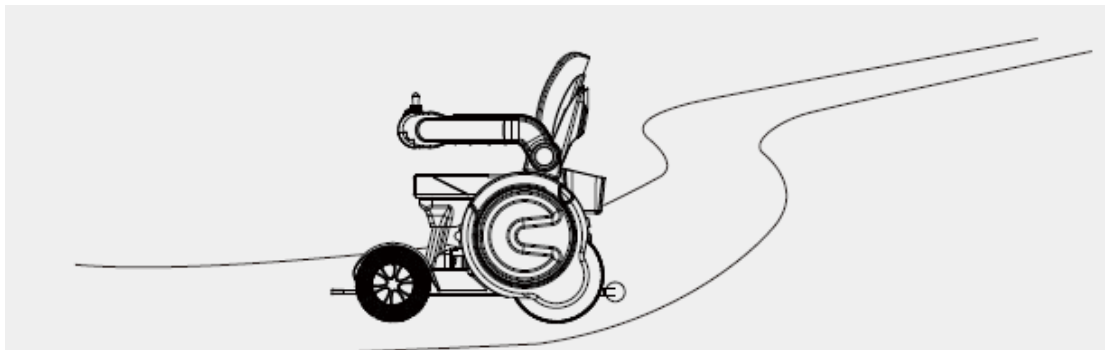


ANTI ROLL PROTECTION

The rear side of the powerchair is equipped with an anti-roll bar, effectively preventing rolling.



“Automatic trajectory correction” is an active driving safety system which can ensure the powerchair is in control and stable. The Rover has an ESP system, this can make sure the user can accurately operate the powerchair in different conditions. The ESP system can prevent faults and correct the movement track, ensuring the powerchair is on the right track.



GENERAL CAUTION

- Please follow the instructions in this manual.
- Depending on the safe working load, seat height, and sitting position, the friction at the tilt and support seat will be affected.
- When driving this product outdoor or on non-motorised roads, please obey all traffic rules related to non-motorised vehicles. During the driving process, please continue to operate the control parts and keep them connected.
- Do not lean on the power switch! This can cause the product to stop working while running.
- For safety reasons, do not exceed the recommended safe working load of 120kg.
- To ensure that the user's weight can be supported during the lifting process, the upper limit of the footrest is set to the same value as the product load.
- Do not stand on the pedal to drive the product.
- Do not stand on the anti-tipping device.
- Do not use this product in a condition beyond the limit value described in this manual.
- If the function of this product is abnormal, please stop using it and contact your local retailer .
- Do not connect electrical devices and mechanical equipment to the products that are not approved by Zoom Mobility. Failure to comply with these instructions may result in injury and the warranty will be invalid.

CAUTION FOR USE

- When carrying this product please lock the armrests
- Before starting to drive, please make sure the user is seated and the seat belt is fastened and in a safe state.
- Please use the product in a planned way. Before driving, please confirm that the product has been fully charged and the destination distance is within the range of the mileage.
- Please adjust the speed to suit the user's driving skills and driving environment. It is recommended that you also set the minimum speed before getting used to driving this powerchair. In addition, it is strongly recommended that you also set the minimum speed for indoor use.
- For details, please refer to

ELECTRICAL SAFETY OF PRODUCTS

- Classification of protection against electric shock: Class 1 internal supply.
- Degree of protection against electric shock: B application part.
- Liquid ingress protection: IPX4
- Classification of the degree of safety when used in the presence of flammable anaesthetic gas mixed with air or oxygen or nitrous oxide: Neither AP nor APG Type.
- Electromagnetic compatibility according to ISO7176:2019 / EN60601:2014 group 1 Class B
- Classification of operation: continuous operation.
- Rated voltage and frequency: the input voltage AC110V-220V, frequency 50 Hz, internal DC power supply voltage 24V.
- The input power: 360VA.
- Without the application part has protection against the effect of defibrillation discharge.
- No single output parts.
- Non-permanent installation of the product.
-

CARE AND MAINTENANCE

Failure to care for and monitor your product may result in the risk of serious injury.



- Do not drive through puddles or water as this can affect your powerchair electrics and battery and cause electric shock or harm to you and others.
- Clean the product regularly with warm water and a soft cloth. Do not use abrasive products, detergents, or solvents.
- Dry with a clean, dry soft cloth.
- Make sure there is no accumulation of dirt or debris around the axle, brakes, or wheels.
- Do not use cleaning products containing phenol or chlorine, as this could damage the powerchair.
- Lubricate the wheels with a little oil if they squeak.
- Periodically check the wear and strength of all screws and bolts. Replace all broken, damaged, or worn parts immediately.
- Check the upholstery has no cuts, is not torn or heavily used. Replace if necessary.
- If there is a malfunction, do not repair the product yourself. Consult an authorized retailer.
- Regularly check whether the wheels are loose.
- Regularly check whether the clutch lever meets the braking requirements.
- Check whether the tyre wear level before driving. If the tyre is worn to the wheel tread limit, replace it with a new tyre immediately.

WARRANTY

Two -Year Warranty (applicable to the Zoom Mobility product)

Structural frame components, including platform, fork, seat, and frame.

One-Year Warranty

Drivetrain, including differential, motor, and brake.

Your Zoom Mobility Powerchair is fully guaranteed for one (1) year from the date of purchase against faults arising due to defects in manufacture or materials. This warranty does not detract from it but is in addition to your legal rights.

All electronic parts, including controllers, batteries and battery chargers, have a ***one (1) year warranty***.

Servicing to the controller, batteries or battery charger must be carried out by your authorised Zoom Mobility Provider.

Any attempt to open or dismantle these items renders the guarantee void on that item.

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.

Not Covered Under Warranty

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 retailers' 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 (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

The warranty service can be performed by an authorised Zoom Mobility Provider. Please contact your authorised Zoom Mobility Provider for advice on the current cost affecting the service visit.

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 a 2 (two) or 3 (three) year warranty. All other conditions in this warranty will apply.

Storage Instructions

Always store it in a dry area protected from freezing to avoid damage to the powerchair and premature wear of the batteries. Avoid exposure to rain, snow, ice, salt or stagnant water. Keep your powerchair clean and dry.

Never expose the electronic components of the powerchair to humidity (rain, snow, mist, or water from washing), as it may damage electronic circuits.

Always store your powerchair with batteries fully charged. When storing the powerchair for more than two weeks, charge the batteries and disconnect them. During the storage, check the charge once a month and recharge the batteries as

needed. You must complete a full charge cycle every month or damage to batteries can occur. Avoid extreme temperatures of hot and cold during storage. Freezing can damage low charged batteries and they may become unusable.



Technical Service, please scan the following QR code.



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