Feel free to enjoy life!



SUNFIRE PLUS GT



SUNFIRE PLUS EC



IMAGE GT



IMAGE EC

GEO



SUNFIRE GENERAL



US Drive Medical Design & Manufacturing, NY 11050
UK Drive Medical Ltd, HX5 9JP
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CE Part No. Z20945 (Rev C)

The team at Drive Medical develops its products to give our customers the freedom to live independently. This encompasses their daily home life and provides them with the opportunity to enjoy an outing with family and friends. Our goal is to develop a range that will provide individuals with a chance to enjoy every day life.

fixed base powerchairs owner's handbook

QUICK REFERENCE GUIDE

Problem: Limited range or low power showing	
Causes:	Remedy:
Insufficient charge in batteries	Ensure batteries are charged for at least 12 hours.
Weak batteries	Replace batteries if error persists.

Problem: Batteries not charging	
Causes:	Remedy:
No mains power	Try another mains socket
Loose connections	Check all connections
Blown fuse	Check fuse in charger and plug
Charger fault	Contact dealer.

Problem: Powerchair will not drive	
Causes:	Remedy:
Freewheel levers disengaged	Ensure freewheel levers are in DRIVE position
Low battery power	Recharge batteries
Charger plugged in	Remove charger and restart
Circuit breaker	Reset circuit breaker
Joystick held whilst powerchair is switched on	Release joystick and do not hold; restart powerchair

Problem: Only one wheel turns	
Causes:	Remedy:
Only one freewheel lever engaged	Ensure both freewheel levers are in DRIVE position

Problem: Excessive motor noise	
Causes:	Remedy:
Freewheel levers not fully engaged	Ensure both freewheel levers are in DRIVE position

Problem: Battery gauge flashes	
Symptoms:	Remedy:
The powerchair has diagnosed a fault	Ensure the joystick is released and switch the powerchair off and on. Recharge batteries if error persists. Refer to fault diagnosis guide



Drive Image GT pictured

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"Caution: Federal Law restricts this device to sale by or on the order of a practitioner licenced by the law of the State in which he/she practices"

(USA Only)

1. PREFACE AND INTRODUCTION

Please carefully read this owner's handbook before using the powerchair. Improper use of the powerchair could result injury, damage or traffic incidents.

This handbook includes a copy of the service record and warranty information. Please keep it in a safe place or with the powerchair. If someone else uses the powerchair, provide them with this handbook for their information.

As designs change some illustrations and pictures herein may not correspond to the powerchair purchased. We reserve the right to make design modifications.

The Drive range of powered wheelchairs have been designed and manufactured to provide a comfortable and secure yet affordable solution for some mobility requirements. All Drive powerchairs have a fixed base (not folding) with a separate seat. There a number of mid-wheel and rear-wheel drive configurations available.

The models in the Drive powerchair range are:

- Sunfire General rear wheel drive powerchair
- Sunfire Plus GT RWD powerchair
- Sunfire EC RWD powerchair
- Image EC mid wheel powerchair
- Image GT mid wheel powerchair
- Geo Indoor RWD powerchair

Your Drive powerchair is CE marked by Drive Medical, who are an ISO 9001 and ISO 13485 certified medical device manufacturer.

2. SAFETY

Before Driving

- The user needs to be familiar with the use and operation of this powerchair before driving.
- Ride on the pavement and pedestrian areas only. Never ride on motorways or dual carriageways. Only use roads to cross to other side of the pavement.
- Be aware of traffic when crossing or using roads.
- Use extreme caution when driving your powerchair in busy areas such as shopping malls.
- Do not drive the powerchair under the influence drink or drugs, or when you are tired.
- Be careful when using the powerchair in low light. It has not been designed for use at night.
- Before using the powerchair in busy or hazardous environments, familiarise yourself with the operation of the powerchair. Practice in an open and safe area which is free from hazards and other people. Use a low speed for your initial practice.



Always remain in seat whilst using the powerchair. Do not stand on the footplate.

Whilst Driving

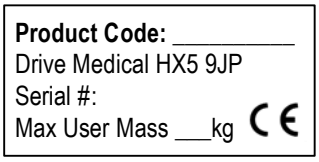
- Do not use your powerchair on surfaces that are muddy, gravelly, bumpy, narrow, snowed over, icy; or on towpaths near to canals which are not guarded.
- Do not use your powerchair outside when it is raining, snowing, misty or windy.
- Do not make erratic turnings on your powerchair.
- Bear in mind driving motions such as accelerating, stopping, turning, reversing, and the effect of gradients.
- Slow down when driving on gradients. Always lean forward when climbing a steep gradient. Do not travel on gradients exceeding those stated in the specification. Most access ramps are 5º which is a suitable incline for all Drive powerchairs.

When climbing an incline, try to keep your powerchair moving. If you must stop, start up again slowly, and then accelerate cautiously. When driving down an incline, do so slowly and in the forward direction only. If your powerchair starts to move faster than you anticipated or desired, allow the chair to come to a complete stop by releasing the joystick. Push the joystick slightly forward and continue travelling slowly down the incline. When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Always drive your Drive straight up the incline. This greatly reduces the possibility of a tip or a fall.

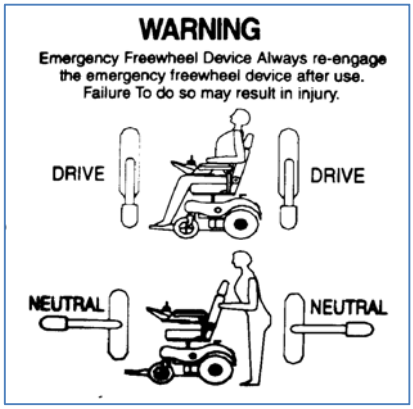
- Do not drive on roads with large drops or potholes.
- The powerchair is not suitable for carrying passengers.
- Do not use the powerchair to carry heavy goods.
- Do not use a mobile phone or other wireless communication devices whilst driving. Always stop somewhere suitable and switch off the powerchair before using the phone.
- Do not set in freewheel mode when driving, especially on a gradient. Ensure that the powerchair's automatic brakes are applied before use.
- Do not exceed the weight limit of the powerchair.

Labelling

- Please carefully read all labels applied to the powerchair before driving. For future reference, do not remove them from the powerchair. The labels are also shown here:



Above: Located on rear



Above: Located by freewheel levers on rear



Above: Located on rear

Electromagnetic Interference

- Powerchairs may be susceptible to electromagnetic interference (EMI) from sources such as mobile phones, walkie-talkies, TV and radio broadcast stations and amateur radio sets. In some cases, there is a risk this interference may cause involuntary movement of the powerchair. The powerchair has been tested and passed to withstand interference to a level of 20V per metre.
- Be aware that the above sources may cause involuntary movement due to EMI. Exercise caution whilst using the aforementioned devices and avoid close proximity to TV and Radio broadcast stations.
- The addition of components or accessories may effect the EMI susceptibility of the powerchair. Do not fit accessories other than Drive Medical authorised accessories.

3. PARTS INTRODUCTION

The parts description below applies to rear wheel drive powerchairs:

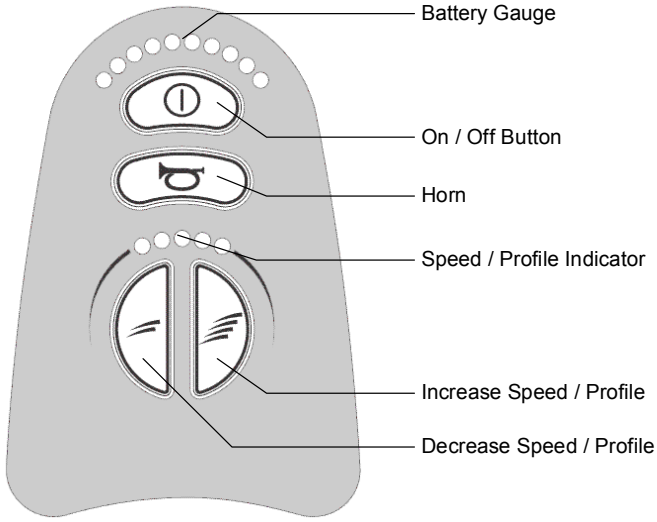


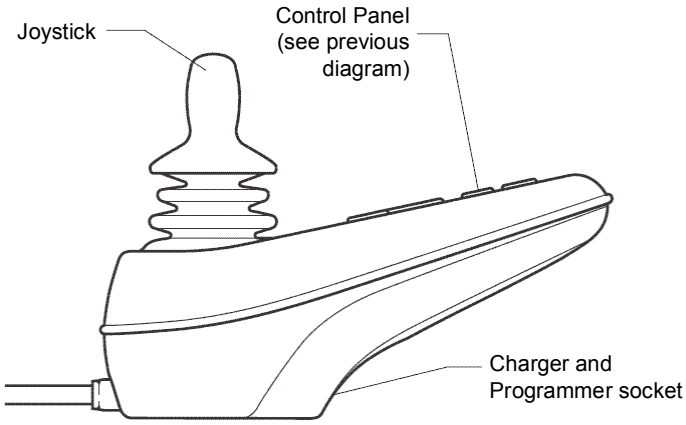
The parts description below applied to mid wheel drive powerchairs:



4. PARTS INTRODUCTION

Control Panel





Joystick Control Panel shown above

HOW TO OPERATE YOUR POWERCHAIR

1. **Joystick.** The primary function of the joystick is to control the speed and direction of the wheelchair. The further you push the joystick from the center position the faster the wheelchair will move. When you release the joystick the brakes are automatically applied.
2. **On / Off button.** The on/off button applies power to the control system electronics, which in turn supply power to the wheelchair's motors. Do not use the on/off button to stop the wheelchair unless there is an emergency. (If you do, you may shorten the life of the wheelchair drive components). The battery gauge shows you that the wheelchair is switched on. It also indicates the operating status of the wheelchair.
3. **Increase Speed / Profile.** Press this button to increase the maximum speed of the wheelchair.

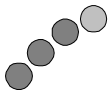
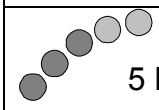
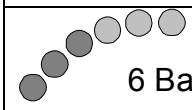
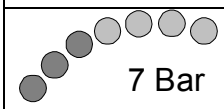
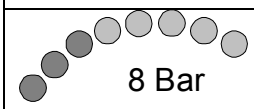
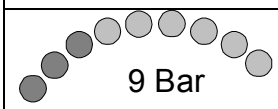
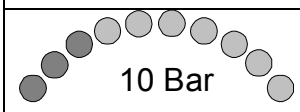
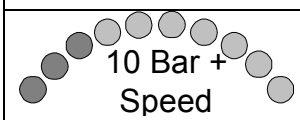
4. **Decrease Speed / Profile.** Press this button to decrease the maximum speed of the wheelchair.
5. **Speed / Profile Indicator.** This shows the maximum speed of the wheelchair. The more LEDs are lit, the faster the maximum speed. The wheelchair can be configured to use drive profiles. However, this is not included by default. For more information about drive profiles, contact your dealer. If the speed indicator ripples, this means the wheelchair is locked. By default the locking function is disabled.

<u>To unlock / lock the wheelchair:</u>

- Switch the wheelchair on
- Hold down the on/off button for 1 second (lock only)
- Deflect the joystick forwards until the control system bleeps
- Deflect the joystick backwards until the control system bleeps
- Release the joystick. There will be a long bleep and the wheelchair will be unlocked / locked.

6. **Horn**. Press this button to sound the horn. The horn will stop when you release the button.
7. **Battery Gauge.** This shows the battery power level of the wheelchair.

- The more LEDs that are lit, the more power is left in the battery. The LEDs will be lit constantly when the wheelchair is operating normally.
- If the LEDs on the battery gauge are stepping up (i.e. the number of LEDs lit quickly increases then resets to 1), the battery charger is connected and the wheelchair drive inhibited.
- If the battery gauge is flashing slowly then the wheelchair is operating normally, but the batteries need recharging as soon as possible.
- If the battery gauge LEDs are flashing rapidly this indicates a fault with the wheelchair. If you have a problem with your wheelchair consult the table overleaf. If the problem persists after you have followed the advice herin then restarted the wheelchair, contact your dealer.

 1 Bar	The battery needs charging or there is a bad connection to the battery. Check the connections to the battery. If the connections are good, try charging the battery.
 2 Bar	The left hand motor has a bad connection. Check the connections to the left hand motor.
 3 Bar	The left hand motor has a short circuit to a battery connection. Contact your service agent.
 4 Bar	The right hand motor has a bad connection. Check the connections to the right hand module.
 5 Bar	The right hand motor has a short circuit to a battery connection. Contact your service agent.
 6 Bar	The wheelchair is being prevented from driving by an external signal. The exact cause will depend on the type of wheelchair you have, one possibility is the battery charger is connected.
 7 Bar	A joystick fault is indicated. Make sure that the joystick is in the centre position before switching on the control system.
 8 Bar	A control system fault is indicated. Make sure that all connections are secure.
 9 Bar	The parking brakes have a bad connection. Check the parking brake and motor connections. Make sure the control system connections are secure.
 10 Bar	An excessive voltage has been applied to the control system. This is usually caused by a poor battery connection. Check the battery connections.
 10 Bar + Speed	This is where the Speed Indicator and 10 bars are lit. A communication fault is indicated. Make sure that joystick cable is securely connected and not damaged.

EXTENDABLE CONTROL BRACKET

Your Drive powerchair is equipped with an extendable controller bracket. To extend or retract the bracket, first slacken the knob located underneath the armrest (shown by arrow) and then reposition the control as required, Retighten the knob to secure. The armrests also flip up to allow improved access to tables, desks, etc.

Please see the photo below.



BRAKING

Electromagnetic braking: Release the joystick on the controller and the electromagnetic brakes will automatically operate and the powerchair will stop. At first this can be a strange sensation which is why we recommend we an initial practice session with the powerchair as described in the Safety Notice.

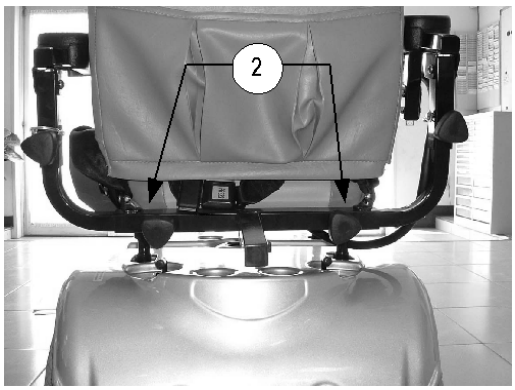
WARNING!
Putting the motors in to freewheel mode also disengages the brakes. When on a gradient never switch the powerchair in to freewheel mode as the electromagnetic brakes will not be applied. This may result in injury.

HOW TO ADJUST THE SEAT

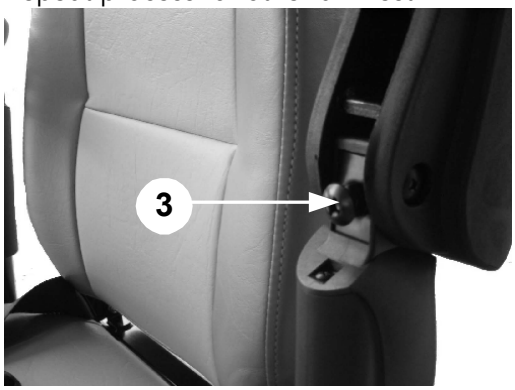
To adjust the seat back angle:

- Pull up the seat back recline lever (arrow 1).
- Adjust the seat back to the required position.
- Release lever
- 

To adjust the armrest width:

- Loosen the tri-knobs (arrow 2).
- Slide the armrests to the required width.
- Retighten tri-knobs.
- 

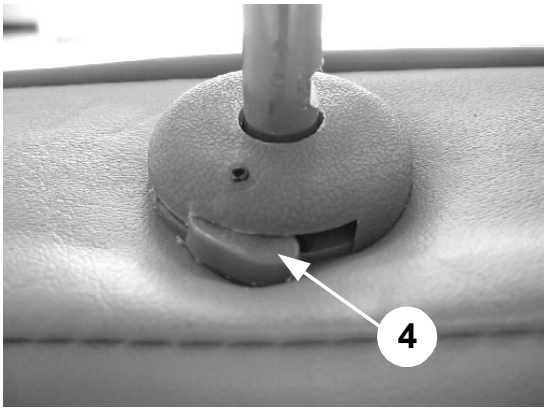
To adjust the armrest angle

- Lift up armrest
- Loosen the jam nut (arrow 3 below)
- Adjust the socket screw up or down to the desired arm angle position.
- Retighten the jam nut
- To determine the same angle for the opposite armrest, measure the protrusion or count up the number of threads on the bolt.
- Repeat process for other armrest
- 

To adjust the armrest height

- Push the plastic button on the side of the armrest (see photo below)
- Reposition to the desired height
- Release the button
- 

To adjust the headrest

- To raise the headrest, lift the headrest up to the required position
- To lower the headrest, push the release tab (arrow 4 below)
- Lower the headrest to the required position and release the tab
- 

REMOVAL AND HEIGHT ADJUSTMENT OF SEAT

To remove the seat:

- Switch the Drive off and ensure it is not in freewheel mode
- Disconnect the controller or remove the armrest on which the controller is mounted
- Slacken the tri-knob securing the seat post in the seat post receiver on the powerchair base
- Unlock the locking pin and remove from the seat post.
- Lift up the seat to remove

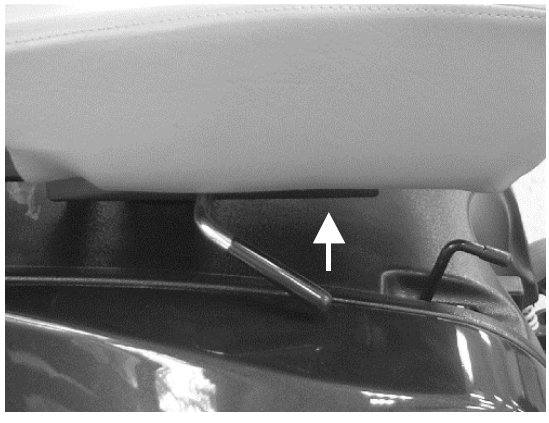
To install the seat:

- Reverse the procedure above ensuring that the seat locking pin is securely locked and that the tri-knob is sufficiently tightened

To adjust the seat height:

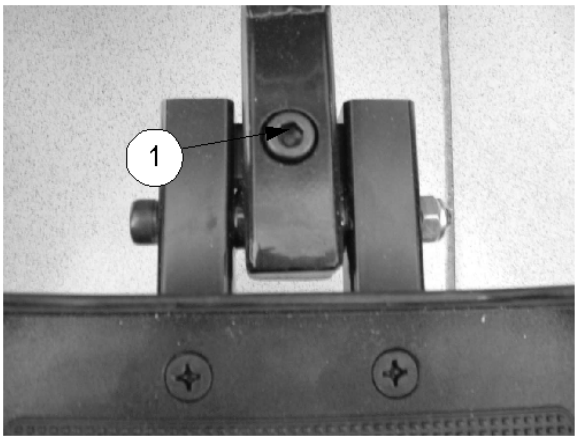
- Remove the seat, as described above and remove the shroud.
- Release the seat post camlock mounted on the seat post receiver.
- Disengage and remove the seat height adjustment bolt from the seat post.
- Reposition the seat post at the desired height.
- Reinsert the bolt in to the seat post and secure with the nyloc nut.
- Lock the seat post in position with the seat post camlock.
- Reinsert the seat, as described above.

ROTATING THE SEAT

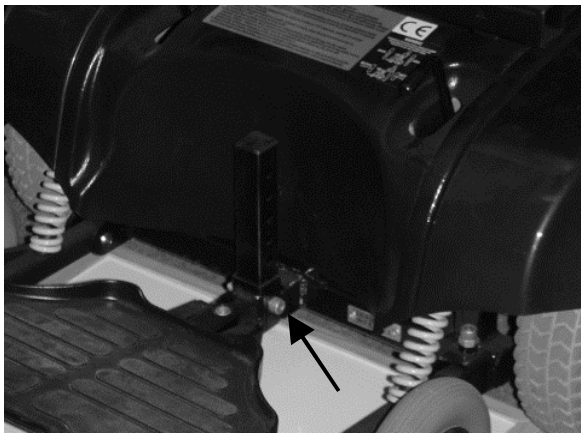
- The seat can rotate 180°, and the seat locks at 45° intervals. This allows the user to swivel the seat to the left or right for easier access to desks, tables, etc.
- To rotate the seat, first push up on the seat rotation lever. Whilst holding the lever, swivel the seat in to the required position. Then release the lever and continue swiveling the seat until it locks in position.
- 

ADJUSTING THE FOOT PLATE

To adjust the footrest angle

- You can adjust the angle of the footrest with a M6 allen key
- Turn the setscrew (arrow 1 below) clockwise to raise the front of the footrest
- Turn the setscrew (arrow 1 below) anticlockwise to lower the front of the footrest
- 

To adjust the footrest height

- Remove the nut and bolt securing the footplate bracket (shown by arrow in the photograph).
- Adjust the bracket to the required height.
- Reattach the bracket to the powerchair using the nut and bolt.
- 

SETTING FREEWHEEL MODE

For your convenience, your Drive powerchair is equipped with a freewheel lever. This allows you to disengage the drive motors and electromagnetic brakes so you can manoeuvre the powerchair manually.

To engage the powerchair in DRIVE mode:

- It is advisable to ensure the powerchair is switched off
- Turn the freewheel lever on both motors to the DRIVE position (see photo below)
- Switch the powerchair on and use as normal

To engage the powerchair in FREEWHEEL mode

- Switch off the powerchair
- Turn the freewheel lever on both motors to the FREEWHEEL position (see photo below)
- Manoeuvre the powerchair manually
- 

WARNING!
Putting the motors in to freewheel mode also disengages the brakes. When on a gradient never switch the powerchair in to freewheel mode as the electromagnetic brakes will not be applied. This may result in injury.

CIRCUIT BREAKERS

- Your Drive powerchair has a circuit breaker protruding through the shroud cover.
- In the unlikely event of a short circuit or heavy overload, all power to your powerchair will be shut off.
- To reset the circuit breaker, press the circuit breaker button. The circuit breaker will then reset after a few minutes.
- If the powerchair continues to shut down after resetting contact your Drive Medical dealer.
- With some shroud styles the circuit breaker is recessed in to the shroud and covered by a rubber flap. To gain access to the circuit breaker simply lift up the rubber flap.

5. BATTERY CHARGING AND CARE

To Charge the Powerchair

1. Plug the charger's power cord in to the mains.
2. *For Off-board chargers (UK).* Plug the round connector on the charger in to the socket on the front of the joystick controller
   For On-board chargers (USA). Plug the mains lead in to the socket on the scooter body.
3. Switch on the plug socket at the mains.

Charger Light

- The charger light will illuminate orange to indicate the batteries are charging. The charging duration is about 8 hours, however a 12 hour charge is recommended for optimum performance. The orange light will turn green when charging is 95% complete.

Ensure that the charger is removed from the mains and the powerchair after charging. Failure to do this may flatten the battery.

Suggestions

1. Do not disconnect the charger cord until charging is completed and the light is lit Green.
2. When fully charged the battery charger will still trickle charge the battery for optimum range.
3. Even when not in use, the powerchair should be charged at least every week to ensure battery longevity.
4. Ambient temperature will effect charging time. Charging time will be longer in cold environments.
5. The batteries carry a 1 year warranty which covers manufacturing defects only. It does not cover battery faults as result of not following the guidelines herein.

Warning

1. Only use the charger supplied with the powerchair. Using the wrong type of charger may cause damage. Never disassemble or modify the powerchair.
2. Always charge the powerchair in a well ventilated space. Avoid direct sunlight or contact with water and moisture.
3. Do Not charge or operate the powerchair in temperatures below -10ºC or above 50ºC. Do not expose the battery pack to these temperatures.

About the Batteries

- The batteries require charging every week to ensure battery longevity.
- The batteries supplied by Drive Medical are classified as safe for air transport under IATA special provision A67.

Battery Care

1. You should recharge the batteries after each time the powerchair is used to ensure maximum battery range. The batteries should be charged at least once a week even if the powerchair is not used.
2. After charging or replacing a new battery, drive the powerchair for a short period to ensure battery capacity is sufficient.
3. In cold environments, the battery may respond more slowly and range will be reduced.
4. When driving on a gradient, the battery gauge will fluctuate. This is a normal occurrence.
5. Battery range is reduced when driving up gradients or on rough terrain, as the powerchair uses more power.
6. The batteries should not be charged for more than 24 hours.

Battery Replacement

It is natural for the battery capacity to reduce with time, even if the battery is charged as directed above. When the battery range is about half of its peak performance we recommend that the batteries are changed. Continuing to use an old battery will result in a rapid reduction in the range of the powerchair and can cause excessive wear and tear on other parts of the powerchair.

6. INSPECTION AND MAINTENANCE

a. Weekly Checking

Check the following items weekly or before driving. If you find anything abnormal contact your Drive Medical Dealer for further inspection or advice.

- **Arms.** Check they are secure and flip up easily
- **Seat and Back.** Check for rips or sagging. Ensure seat positively locks in position and swivels freely.
- **Motor.** Check for any abnormal noise and electromagnetic brakes work correctly.
- **Freewheel Lever.** Ensure they works correctly.
- **Horn.** Check the horn sounds when button pressed.
- **Tyres.** Check tyre tread depth and for any signs of damage such as cracking.
- **Front (Castor) Wheels.** Check they swivel easily, and there is no vibration when going forward.

b. Service Record

To ensure your powerchair is correctly serviced take it to your Drive Medical dealer for regular service. We recommend that powerchairs are serviced at least annually, and your dealer may charge a fee for this.
A copy of the service record is at the back of this handbook.



Even if the powerchair has not been used, it should still be serviced annually.

c. Batteries and Tyres

- For information on the batteries, please read section 5 on Battery Charging and Care.
- Tyre condition will be affected by how you drive the powerchair and what terrain it is driven on.
- Some models come with solid tyres which are puncture free, so there is no need to check tyre pressure.
- On models with pneumatic tyres, check tyre pressure regularly. The maximum tyre pressure is stated on the side wall of the tyre.

d. Cleaning

- The powerchair should be cleaned periodically, especially if you tend to drive on sand, gravel or other adverse environments.
- Use a soft, wrung dry cloth to keep your powerchair clean and dust free. Use a damp cloth and mild detergent to clean the powerchair.



Warning

- Do not use a hose pipe or splash water directly on to the powerchair.
- Do not use petrol, solvents or vaporising solutions as these many damage body panels. Do not use wax
- Ensure the charger is unplugged and the powerchair switched off before cleaning the powerchair.

e. Storage

- Ensure the powerchair is stored with the seat set in the forward position, the powerchair switched off and charger disconnected. Ideally the joystick controller should also be unplugged to prevent battery drain.



Store the powerchair in environments which are free from direct sunlight and water or moisture.

f. Moving About

1. Switch off the powerchair and dismount from the powerchair.
2. Lift the powerchair by the chassis only.
3. For your safety ask for help if required. You will need two or more people when moving or lifting the powerchair as a whole.



Never lift the powerchair by the bumpers or body panels, as this can cause injury or damage.

TROUBLESHOOTING GUIDE

Problem: Limited range or low power showing	
Causes:	Remedy:
Insufficient charge in batteries	Ensure batteries are charged for at least 12 hours.
Weak batteries	Replace batteries if error persists.

Problem: Batteries not charging	
Causes:	Remedy:
No mains power	Try another mains socket
Loose connections	Check all connections
Blown fuse	Check fuse in charger and plug
Charger fault	Contact dealer.

Problem: Powerchair will not drive	
Causes:	Remedy:
Freewheel levers disengaged	Ensure freewheel levers are in DRIVE position
Low battery power	Recharge batteries
Charger plugged in	Remove charger and restart
Circuit breaker	Reset circuit breaker
Joystick held whilst powerchair is switched on	Release joystick and do not hold; restart powerchair

Problem: Only one wheel turns	
Causes:	Remedy:
Only one freewheel lever engaged	Ensure both freewheel levers are in DRIVE position

Problem: Excessive motor noise	
Causes:	Remedy:
Freewheel levers not fully engaged	Ensure both freewheel levers are in DRIVE position

Problem: Battery gauge flashes	
Causes:	Remedy:
The powerchair has diagnosed a fault	Ensure the joystick is released and switch the powerchair off and on. Recharge batteries if error persists. Refer to fault diagnosis guide on page 5

A copy of this troubleshooting guide is also included on page 1 of this handbook.

8. SPECIFICATION

Rear Wheel Drive Powerchairs

	Sunfire Plus EC	Sunfire Plus GT	Sunfire General
SADMERC Code Group	K0823	K0823	K0825
Dimensions (cm) / L x W x H (in)	95 x 60 x 110cm 37.4 x 24 x 43.3	103.5 x 66 x 113.5 41 x 26 x 45	103 x 63.5 x 112 41 x 25 x 44
Total weight (kg / in)	96kg / 212lbs	91kg / 201lbs	100kg / 220lbs
Carry weight (kg / in)			
Battery	U1 (typically 36ah)	U1 (typically 36ah)	Typically 50ah
Motor	270W	350W	450W
Charger	5A OFF BOARD	5A OFF BOARD	5A OFF BOARD
Castor wheel	8" (20cm) diameter	8" (20cm) diameter	9" (23cm) diameter
Drive wheel	10" (25cm) diameter	10" (25cm) diameter	13" (34cm) diameter
Climbing angle	8°	8°	8°
Kerb climbing ability	4cm / 1.6"	4cm / 1.6"	4cm / 1.6"
Ground clearance	6.8cm / 2.7"	5.3cm / 2.1"	8cm / 3.1"
Cruising range	24~32km (15 – 20 miles)	24~32km (15 – 20 miles)	24~32km (15 – 20 miles)
Turning radius (cm / in)	79cm / 31"	83cm / 32.7"	72cm / 28.3"
Max. user weight	136kg / 300lbs	136kg / 300lbs	180kg / 400lbs
Max. speed (mile / km)	4mph / 6.4kph	4mph / 6.4kph	4mph / 6.4kph

Mid Wheel Drive Powerchairs and Geo Indoor Chair

	Image GT	Image EC	Geo
SADMERC Code Group	K0823	K0823	K0814
Dimensions (cm) / L x W x H (in)	107 x 63.5 x 105.5 42.1 x 25 x 42	106 x 62.5 x 110 42 x 25 x 43	85 x 56 x 55.5 33.5 x 22 x 21.8
Total weight (kg / in)	108kg / 238lbs	87kg / 192lbs	45.9kg / 101lbs
Carry weight (kg / in)			
Battery	U1 (typically 36ah)	U1 (typically 36ah)	12Ah
Motor	450W	200W	180W
Charger	5A OFF BOARD	4A OFF BOARD	1.8A OFF BOARD
Castor wheel	6" (15cm) diameter	6" (15cm) diameter	6" (15cm) diameter
Drive wheel	10" (25cm) diameter	10" (25cm) diameter	8" (20cm) diameter
Climbing angle	8°	8°	6°
Kerb climbing ability	4cm / 1.6"	4cm / 1.6"	2cm / 0.8"
Ground clearance	5cm / 2.2"	3.5cm / 1.3"	6.8cm / 2.7"
Cruising range	24~32km (15 – 20 miles)	24~32km (15 – 20 miles)	8~10km (4-6 miles)
Turning radius (cm / in)	77cm / 30.3"	70cm / 28"	43cm / 17"
Maximum user weight	160kg / 350lbs	136kg / 300lbs	115kg / 250lbs
Maximum speed	4mph / 6.4kph	4mph / 6.4kph	4mph / 6.4kph

Remark : The manufacturer reserves the right to modify the specification if necessary. The final specification is subject to the individual powerchair you purchase from your dealer.

Note:

Maximum driving distance is based on an ambient temperature of 20°C, a 75kg driver, a brand new fully charged battery, a constant driving speed at 4mph with 70% battery power discharged.

The Geo Indoor Powerchair has its own Handbook, and is not covered by this handbook

Battery specifications supplied are subject to change, as batteries are not supplied as standard by Drive Medical.

VIN NUMBER

To ensure the correct after sales service and warranty service support, please write down the powerchair serial number. The serial number is located on the back right-hand side of the frame.

VIN Number	
Motor S/No.	
Controller S/No.	

Also, note your Drive Medical dealer below:

Dealer	
Address	
Postcode	
Telephone	

WARRANTY

There is a comprehensive twelve-month warranty from the date on which your new powerchair is delivered. The warranty covers the powerchair for repairs or replacement during this period. For more detail, please see the Warranty Conditions below.

Warranty Conditions:

1. Any work or replacement part installation must be carried out by an authorized Drive Medical dealer / service agent.
2. To apply the warranty should your powerchair require attention please contact the designated service agent listed below.
3. Should any part of the powerchair require repair or full or part replacement, as a result of a manufacturing or material defect within twelve months of receiving the powerchair, replacement parts will be supplied free of charge.

   Note: This guarantee is not transferable
4. Any repaired or replaced parts will be covered by this warranty for the balance of the warranty period on the powerchair.
5. Consumable items supplied will not generally be covered during the normal warranty period unless such items require repair or replacement clearly as a direct result of a manufacturing or material defect.

   Such items include (among others):

   upholstery, tyres and batteries.
6. The above warranty conditions apply to brand new powerchair purchased at the full retail price. If you are unsure whether your power chair is covered, check with the service agent.
7. Under normal circumstances, no responsibility will be accepted where the powerchair has failed as a direct result of:
   a) The powerchair part not having been maintained in accordance with the manufacturer's recommendations.
   b) Failure to use the manufacturer's specified parts
   c) The powerchair or part having been damaged due to neglect, accident or improper use
   d) The powerchair or part having been altered from the manufacturer's specifications or repairs having been attempted before the service agent is notified

Please note your local service agent's contact details in the previous box. In the event of your powerchair requiring attention, contact them and give all relevant details so they can act quickly.

The manufacturer reserves the right to alter without notices any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

APPENDIX : SERVICE RECORD

YEAR	1	2	3	4	5	6	YEAR	1	2	3	4	5	6
Service Dates							Service Dates						
Controller							Upholstery						
On/off switch							Seat						
Joystick							Back						
Braking							Armrests						
Recharge point							Electrics						
Batteries							Connections condition						
Levels							Utility tray						
Connections							Test run						
Discharge test							Forwards						
Wheels and							Reverse						
Wear							stop						
Pressure							Left turn						
Bearings							Right turn						
Wheel nuts							Slope test						
Motors							Over obstacles						
Wiring							List Items repaired						
Noise													
Connections													
Brake													
Brushes													
Chassis/Footrest													
Condition													
Footrest													

WARRANTY REGISTRATION

Please detach from the line (left) and type or print to fill out the form, and send to:
UK: Drive Medical Ltd, Ainleys Industrial Estate, Elland, UK HX5 9JP
USA: Drive Medical, 99 Seaview Boulevard, Port Washington, NY 11050

Serial# ..... Date Purchased ..... / ..... /.....

Owner Name .....

Address .....

City ..... Zip or Postcode .....

Additional Required Owner Information

Please indicate your understanding of your powered product by completing the following information

..... My dealer has instructed me on how to operate my powerchair.

I have read and fully understand:

..... Owner's Handbook, especially the sections on operating insutrctions, safety guidelines, maintenance and battery charging instructions.

..... Powerchair Warranty

Battery Instructions – only sealed lead acid or gel cell type batteries should be used. Batteries must also be sealed, deep cycle and maintenance free or battery will hinder vehicle performance and void the warranty.

Signature ..... Dealer Name .....

Telephone ..... Dealer Phone .....

Email .....

Comments: .....

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