

ElectraGlide / S4 User Manual



IMPORTANT

For your safety and comfort, please read carefully and understand all the features prior to using your new ElectraGlide. Misuse may result in injury or electrical and/or mechanical damage.

Maximum User Weight 150kg

GLIDE

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1. INTRODUCTION

Thank you for choosing the ElectraGlide Power Wheelchair, previously known as Series 4 (S4). This Australian-designed and manufactured rear-wheel-drive powered chair is constructed with lightweight aluminium, making it easy to carry and store. The unique folding mechanism allows the chair to fit in the luggage compartment of a car. The strong aluminium frame reduces weight, which increases the endurance and range of the battery.

The ElectraGlide complies with AS 3695 and has also been crash tested for user occupant vehicle transport and complies with AS3696.19 when used in conjunction with approved tie-down brackets.

This manual contains important information regarding the safety, operation and maintenance of the ElectraGlide.

Please read it carefully to familiarise yourself with the functions and features of your wheelchair and follow the safety instructions.

Note that, although some settings and maintenance procedures can be performed by the user or their attendant/carer, others will require technical expertise and should only be carried out by the Glide Products-approved technicians/agents.

Damage caused by non-observance of the instructions in this User Manual, or as a result of the incorrect maintenance, will void the warranty.

With proper care and operation, your wheelchair will provide you with many years of excellent mobility.

 WARNING!

This symbol is used in this manual to indicate hazards or practices that could result in an injury or damage to the wheelchair and/or property. You must understand and follow these warnings.

If you have any questions regarding the functions of this wheelchair, please contact Glide Products or your nearest Glide Products agent.

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2. INTENDED USE

The Glide Products ElectraGlide intended use is to provide assisted mobility to occupants limited to a seated position.

 WARNING!

DO NOT use the wheelchair for purposes other than those intended by the manufacturer, Glide Products Pty. Ltd.

3. WEIGHT LIMIT OF ELECTRAGLIDE POWER CHAIRS

 WARNING!

The following weight limit must be observed for the ElectraGlide Power Wheelchair.

Maximum User Weight **150 kg**

This is the combined weight limits of the occupant and any items carried on the wheelchair by the occupant or attendant/carer. If the weight limit is exceeded, damage to the chair, or injury to the occupant and/or others may occur.

4. SAFETY GUIDELINES FOR USERS AND CARERS

4.1 General Guidelines

WARNING!

For safe operation and use of the ElectraGlide, please read and understand the safety warnings stated in this manual. Improper use of the wheelchair may cause injury or damage. If you are uncertain about any aspect of operation of the chair, please consult the relevant healthcare professional or your nearest Glide Products agent.

4.1.1 To the User/Occupant

WARNING!

- Before using this chair, obtain advice and training from your healthcare professional.
- Each chair is custom-designed to suit individual needs. Take time to become familiar with each feature before you begin driving.
- Depending on your level of function and ability, you will need to develop your own methods to use the wheelchair safely.
- Understanding the environment where the wheelchair will be used will help identify potential hazards so you can learn to avoid them.
- Read this manual in full before operating the chair.
- When traversing curbs or steps always approach square on. Never attempt an angled approach as this may damage the castors.
- Never drive the wheelchair onto stairs or escalators. Use lifts or ramps.

4.1.2 To the Carer/Attendant

WARNING!

- Read this manual in full before operating the chair, and follow all the instructions in each section as they also apply to you.
- Drive Clutches or Motor Brakes should be engaged at all times while the occupant is seated. When drive clutches are disengaged there is no braking when manoeuvring the wheelchair.
- To manually push the chair, you must make sure that you have control over the wheelchair before releasing the Motor Drive Clutch. Only manually manoeuvre the wheelchair on level ground while the occupant is seated in the wheelchair. Never manually manoeuvre the wheelchair up and down ramps whilst the occupant is seated in the wheelchair.
- You must develop an understanding of the occupant's specific needs and limitations to develop safe methods of operating the wheelchair best suited to your ability. Seek advice from the relevant healthcare professional on how to safely move the chair with an occupant to prevent injury.
- Only use the push handles to move the chair. They are specifically designed for this purpose.
- When helping the occupant overcome an obstacle you must:
 1. Learn safe methods of operation from your healthcare professional.
 2. Explain clearly to the occupant what you are about to do and what they are required to do.
 3. When traversing curbs or steps always approach square on. Never attempt angled approaches as this may damage the castors.
 4. Never let the chair drop back to the ground when going over edges of steps and obstacles. Doing so may cause damage to chair or injury to the occupant
- Never take the wheelchair onto stairs or escalators. Use lifts or ramps.

4.1.3 Safety / Performance Check Before Use

WARNING!

- Make sure the chair operates as it was designed to. In case of damage, change in the performance of the wheelchair or change in your functional ability, contact your nearest Glide Products agent to reprogram the control settings to match your needs. It is advisable to have these settings checked annually.
- Check for any uncharacteristic noises, vibrations or any difficulty in its use. If a problem is found, notify your carer and Glide Product agent for repair or advice on how to repair it. Do not drive the wheelchair if your safety is at risk.
- Make sure that the batteries are fully charged before operating. The Green float light on the charger will indicate that the batteries are fully charged.
- Make sure all tyres are inflated to recommended pressures and in good condition.
- Make sure all accessories are secure and in the correct positions.
- Check that the electronic brakes work correctly. When the wheelchair is switched ON with the motors engaged, and the hand is off the joystick, you should not be able to push the wheelchair or rotate the drive wheels.

4.2 Environment Conditions

WARNING!

The Glide Products ElectraGlide Power Chair has been designed and tested with user safety, as its prime consideration. This however does not take into account circumstances which put the wheelchair outside the specified operating conditions for which it was designed and tested.

It is important for both users and carers to take due care and understand the limitations of the environment that the chair will be operated in.

As a guide only, the following is a brief list of scenarios that could affect the stability or operation of the chair and need to be considered when driving the chair.

4.2.1 Accidental Movement

WARNING!

- Always turn the controller OFF when parked. Even if it is only for a short time, as this will prevent accidental movement of the chair or the release of park brakes.

4.2.2 Loss of Traction

WARNING!

- Traction could be lost on inclined / declined wet, oily or grassy surfaces. Take extra care and drive slowly on these surfaces. Stop, if one or both drive wheels lose traction.
- DO NOT drive your chair on an ice-covered ramp or incline.

4.2.3 Navigating Curbs and Other Obstacles

WARNING!

- If your environment has many steep obstacles, always have someone in attendance to assist you.
- Curb climbing should not exceed 80mm when level. Do not climb if the chair is already on a slope.

- Curb descending should not be more than 100mm when level. Do not descend if the chair is already on a slope.
- Always approach the curbs square on, never on an angle. The castors will spin and lock if the approach angle is not 90 degrees.
- DO NOT traverse railway lines without someone in attendance.
- Take care when accessing door thresholds. Changes in floor height can stop the castors and cause the chair to tip.
- Maximum Safe Slope = 10 Degrees
- Maximum Obstacle Climbing = 48mm forward 36mm backwards with anti-tip wheels fitted

4.2.4 Wet/Damp Environments

WARNING!

- DO NOT drive your wheelchair in heavy rain.
- DO NOT use your chair in a shower, swimming pool, sauna, ocean or lake.

4.2.5 Rough Surfaces

WARNING!

- Avoid driving your wheelchair in sand or over rough surfaces. Apart from getting stuck, you may also cause damage to wheels, bearings, gearboxes and motors.

4.2.6 Emergency Stop

WARNING!

Whilst driving, the ON/OFF switch on the controller should only be switched OFF in an emergency. The wheelchair will come to a fast controlled stop rather than a sudden stop.

4.2.8 Ramps and Inclines

WARNING!

When your chair is on a ramp or incline the centre of balance of your chair will change. Your chair is less stable when on ramps or inclines and should not be used unless you feel it is safe to do so. If in doubt have someone with you.

Do not use the chair on a slope of greater than 10 degrees.

Going Up the Ramp:

- Approach the ramp or incline straight on. Do not approach at an angle (cut the corner).
- Make sure that you are in the centre of the ramp and that the ramp is wide enough for your wheelchair.
- Do not use the ramp if you feel that a wheel may drop off the side.
- Do not veer or turn while on a ramp. This may cause the chair to tip and fall.
- Drive the wheelchair at a slow, steady speed. Keep it moving up the ramp.

Going Down the Ramp:

- Always use the centre of the ramp.
- Do not veer or turn while on the ramp.
- Drive the wheelchair at a slow steady speed. Do not allow the chair to accelerate over the normal speed. Centre the joystick to allow it to slow down or stop.
- Never use Attendant Brakes to slow or stop the chair. This may cause the chair to veer or change direction erratically.

4.2.8 EMI (Electro-Magnetic Interference)

WARNING!

Most electronic equipment is influenced by EMI (Electro-Magnetic Interference). EMI comes from Radio Waves like mobile phones, CB Radios and Two Way Radio. Other sources, including transmitters from TV and Radio stations, are unlikely to interfere with the function of the chair unless you are in close proximity to the transmitter.

The Glide Products ElectraGlide Wheelchair has been tested to and passes EMC requirements as stated in EN12184. It has also passed ENV50204:1995 for Radiated Electromagnetic Field from Digital Radio Telephones Immunity Tests.

Even though the chair has passed these tests, there is always the chance, no matter how small, that the chair's performance could be influenced by electromagnetic fields.

EMI can cause your wheelchair to behave erratically, release brakes or move by itself unexpectedly. If this happens, immediately turn your wheelchair OFF and leave it OFF while the transmission is in progress.

In the event of a Fault Indicator flashing while driving (battery gauge and/or Status LED), ensure that the system is behaving normally. If not, turn the wheelchair OFF, and contact your Glide Service Agent.

It is recommended that the wheelchair be turned OFF when using equipment that emits electromagnetic fields, i.e. mobile phones and other EMF emitting devices.

It is also important to note that the electromagnetic field emitted by the ElectraGlide Wheelchair may cause interference to other electromagnetic fields in its vicinity, i.e. alarm systems etc.

4.2.9 Risk of Injury From Hot Surfaces

WARNING!

DO NOT leave the chair in direct sunlight or next to a heat source, such as a fireplace, for extended periods. Increase in surface temperature may burn your skin and damage your chair.

4.2.10 Wheelchair Modifications

WARNING!

Never make any modifications or use non-approved Glide Products parts on your power chair. Doing so may result in serious injury or damage and could void the Warranty.

Unauthorised changes could also constitute a re-manufacturing of the Power Chair, with the person or group making the changes assuming full liability for the power chair. Any replacement parts must match the original Glide Products parts.

5. PARTS AND ACCESSORIES

5.1 Common Parts

The illustration below shows the common parts of the ElectraGlide Power chair range.

1. Standard Non-Adjustable Height Armrests	7. Swing Away Footrests
2. Battery Pack (with built in lifting strap)	8. Dynamic Shark Controller
3. Drive Clutch	9. High Torque 2-pole Motors
4. Attendant Brakes	10. Folding Frame
5. Pneumatic Front Castor Wheels – 200mm x 50mm (8"x1¼")	11. Sail Cloth Upholstery
6. Pneumatic Rear Wheels – 203mm x 62mm (12 ½" x 2 ¼")	12. Velcro Calf Strap



5.2 Joystick and Controller

The ElectraGlide will be supplied with either a **PG** or **LiNX** fully programmable controller which can fine-tune many driving parameters using special equipment and a PC. Although the two systems are from different manufacturers, their operations are very similar.

At the time of specification, your chair would have been programmed to best suit your function and ability.

⚠ WARNING! • Drive the chair in the mode and speed level that best suits the environment so as not to cause injury to yourself or others.

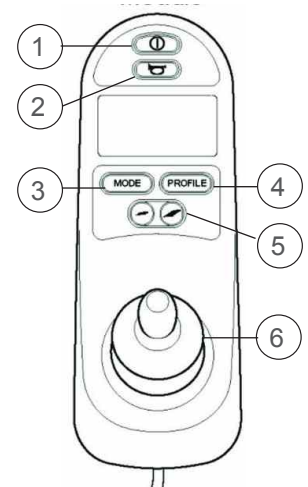
⚠ WARNING! • Only authorised Glide Products agents should make adjustments to the controller if the chair is not performing to your satisfaction. There are no controller adjustments that can be made by the user or carer apart from the speed level selection.

5.2.1 PG Joystick

The standard PG Joystick module will be LCD-screen type as shown. You would have received instructions on how to operate your controller at the time of the pre-sale trial and on delivery.

As most power wheelchairs are set up with Drive parameters to suit individuals and their needs, the following are the basic controls for the PG joystick (refer to the diagram on the right):

1. ON/OFF button (press once for ON and again once for OFF)
2. Horn
3. Mode Button (select Seating Functions. Seat Tilt or Recline)
4. Profile Button (select Profile - Indoor or Outdoor drive settings)
5. Speed Button (Sets speed from Low to High in 5 stages)
6. Joystick (Used to steer the wheelchair)



When powered up, the joystick screen should show no error codes and will be ready to drive. If an M1 or M2 Brake Error is showing, this means the motor brake is disengaged. Check the Brake lever on the front of the motors and turn it anti-clockwise to re-engage. See Section 5.3 for further details.

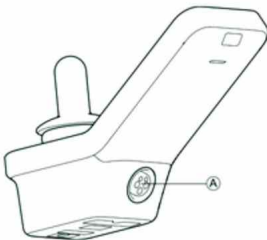
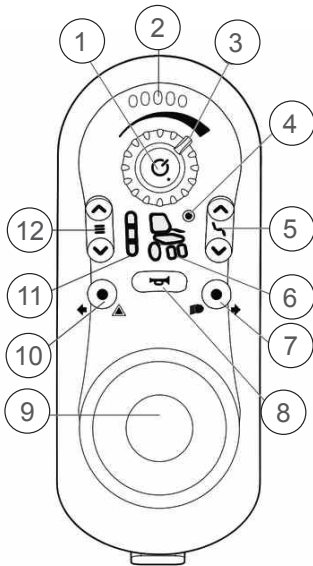
More information relating to PG Controller can be found at www.glide.com.au under Powered Wheelchairs/ElectraGlide/Related Documents/PG Manual.

5.2.2 LiNX Joystick

The ElectraGlide wheelchair using LiNX controls will come standard with the joystick shown. This Joystick is “Lights ready” meaning, the joystick and power module are ready for fitting optional driving lights.

1. ON/OFF Power Button/Status Indicator
2. Battery gauge
3. Speed dial
4. Connectivity indicator
5. Seat function selector
6. Drive/actuator status
7. Lights and direction indicator - right
8. Horn button
9. Joystick
10. Hazard lights and direction indicator - left
11. Drive function indicator
12. Drive function selector

NOTE: The charger socket position is at the front of the joystick (See A in diagram right).



Operation

When the LiNX remote is powered up and there are no faults with the system, the Status Indicator light is green.

If the light is Red, this could mean there is a fault with the controller.

If the Red light flashes 5 times - one motor brake is disengaged.

If the Red light flashes 6 times - both motor brakes are disengaged.

Check the Brake lever at the front of the motors and turn it anti-clockwise to re-engage. See Section 5.3 for further details.

Battery Gauge

The battery charging status is shown in the battery gauge.

	Battery is fully charged Maximum driving range Green, green, amber, amber and red LEDs are on.	This level is set by the Batt Gauge Maximum parameter. See LiNX System Manual for more information
	Decreased driving range Red, amber and one green LED on.	
	Decreased driving range Red and two amber LEDs are on.	
	Decreased driving range Red and one amber LED is on. Consider charging battery.	
	Very low driving range Only red LED is on. The battery needs charging.	This level is set by the Batt Gauge Maximum parameter. See LiNX System Manual for more information

5.2.3 Optional Attendant Controller

The LiNX Optional attendant controller shown allows the powered wheelchair user’s attendant/ carer to interact with the LiNX System.

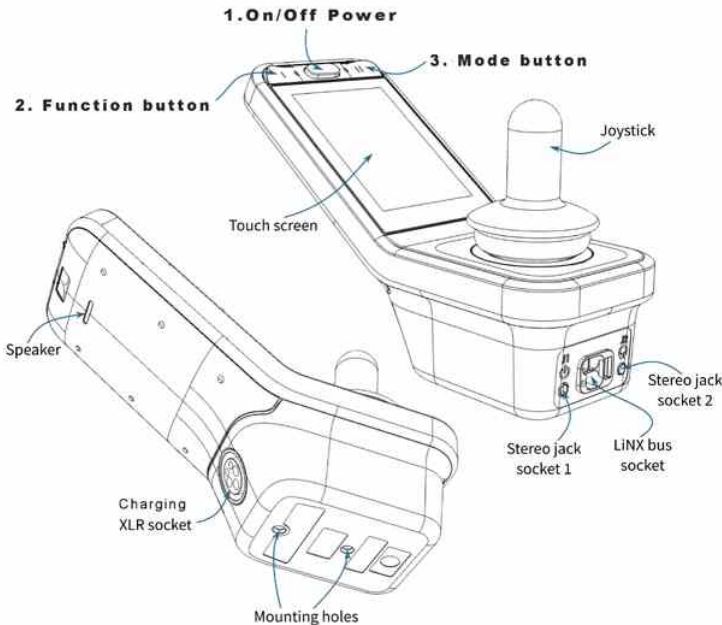
It allows the attendant/carer the control of the Drive, Power seating and connectivity functions (depending on the configuration of the system).



1	Power button/Status indicator	Power up or power down the system. View the system’s status. View fault indications (flash codes). Request to be Attendant-in-charge. Lock the system. Emergency stop the wheelchair, if no restriction has been set.
2	Attendant-in-charge indicator	Indicates whether the attendant control unit is in charge of the system.
3	Drive function indicator	Indicates the selected Attendant drive function.
4	Drive wheel/seating indicator	Indicates the selected seating function.
5	Mode button	Allows selection of functions within the attendant profile.
6	Joystick	Controls the speed and direction of the drive and seating function.

5.2.4 LiNX REM400 Touchscreen

Your ElectraGlide may be fitted with an Optional LCD touchscreen shown.



There are many ways the joystick buttons can be set up. However, the following are the ElectraGlide standard:

- 1. Power the ON/OFF button.
- 2. Function button - to change from the Drive function to the Seating function.
- 3. Mode button - to change the Drive mode (Indoor / Outdoor) when in the Drive function OR to change the seat operation (Tilt / Recline) when in the Seating function.

(More information relating to LinX Controller can be found at www.glide.com.au Go to Powered Wheelchairs/ElectraGlide/Related Documents/ LiNX.

IMPORTANT: Please familiarise yourself with the individual functions of your controller in particular the ON / OFF button - press once for ON and press the same button or pad again for OFF.

5.2.5 Controller Use Precautions

WARNING!

The PG and Dynamic LinX controllers have been designed with user safety as the prime consideration. They incorporate many, sophisticated self-test features that search for potential problems. If the controller detects a problem, either in its own circuits or in the wheelchair's electrical system, it may decide to halt the wheelchair, depending on the severity of the fault. The controllers are designed to maximise user safety under all normal conditions.

Despite their sophistication, the controllers cannot take into account circumstances that put the wheelchair or the controller outside their specified operating conditions. So it is important that the user follows the following precautions.

- NEVER push the ON/OFF button on the Joystick module until you are seated correctly in the chair.
- DO NOT move the joystick when pressing the ON button. An error will occur and you will have to turn the controller OFF and then back ON again. The joystick must be in the central or neutral position to power-on.
- Always set Speed selection to suit the environment. Indoor driving should be set to a lower top speed.
- Driving on highly polished floors and wet or grassy surfaces can lead to a loss of traction. Lower the Speed setting to half or less if required.
- Unless in an emergency, never press the ON/OFF button while driving your power chair.
- NEVER hang items on the joystick (e.g. shopping bags).
- To avoid damage to motor gearboxes always come to a complete stop before turning your power chair OFF.
- Although the controllers are designed and manufactured to be extremely reliable and each unit is rigorously tested, there is always a small possibility of a system malfunction. Under some conditions of a detected system malfunction, the controller will (for safety reasons) stop the chair instantaneously. If the physical impairments of the user are such that sudden braking could result in a fall from the chair, it is advised that a restraining device be fitted to the chair.

WARNING!

DO NOT drive the wheelchair:

- If the controller is damaged or other crucial components are known to require repair.
- If there are visible signs of Electrical cable damage.
- If the Joystick shows any signs of damage.

5.2.6 Replacing and Servicing Controllers

WARNING!

- Never swap Controller parts from another wheelchair.
- All replacement Power Modules will need re-programming by a qualified service technician before use. Damage to motors or unsafe driving parameters may occur.
- The controller supplied with your wheelchair is **specific to that wheelchair** and has been programmed to suit the wheelchair model and the motor type attached.
- Under no circumstances should your controller be swapped with a controller from another wheelchair without strict guidance from your supplier. Doing so may cause the wheelchair to drive erratically and in a dangerous manner.
- All servicing and programming of controllers must be carried out by Glide Products Agents or qualified service technicians.
- If your wheelchair handles poorly after servicing, it may be an indication that the wheelchair has been re-programmed incorrectly and should not be used until the issues are rectified.

 **WARNING!** PG Controls and Dynamic Controls LiNX accept no liability for losses of any kind arising from the unexpected stopping of the wheelchair or improper programming of the controller or improper use of the wheelchair or controller.

5.3 Drive Clutch

The drive clutch is located in the centre of each driving wheel. It is identified as a large Black Plastic Knob.

To ENGAGE, simply turn Black Plastic Knob (drive clutch) in either direction until you hear a “click”. Turn the chair on and SLOWLY move the joystick forward until the drive clutch self-engages.

To DISENGAGE, simply pull out, and 1/8th turn the Black Plastic Knob (drive clutch). This will allow the chair to be free-wheeled.

⚠ WARNING!

Disengaging the drive clutch and moving the chair while on a slope may be dangerous. Automatic electronic brakes will not function. Never disengage Drive on a slope as you will have no control of the wheelchair. Only disengage the Drive on a horizontal surface.

5.4 Brakes

Your power chair has Electronic Brakes. These are activated in the following instances:

- If the chair suffers a power failure while driving.
- When the controller joystick is released.
- When the chair is turned OFF.

In addition, the power chair is fitted with the Attendant Brakes for use when in free wheel (Drive Clutch disengaged)

5.5 Anti-tip Wheels

When anti-tip wheels are requested, they can be easily fitted to the rear motor mounting tubes by way of inserting into the tube and locating a button lock to fit into the pre-drilled hole in the motor mounting tube.

⚠ WARNING!

Interference with kerbs may occur when anti-tip wheels are fitted.



5.6 Battery Charging and Maintenance

To keep your Power Chair working to its maximum potential, it is recommended the batteries be charged every night. This will ensure a longer life for the batteries, and the chair will be ready to go when you are.

⚠ WARNING!

Your Power Chair battery charger is special to your chair and may not be suitable for other power chairs. Only use the charger supplied with your wheelchair. The use of third-party chargers may damage or shorten the life of your batteries.

5.6.1 Battery Specifications

(Sonnenschein A212/24G5 Sealed Lead Acid)

Volts 12V/DC, Ah 24, C20, Max Current for 5 Sec 800A,

5.6.2 Charger Specifications

Input – 240V/AC 150V/AC 50Hz

Output – 24V/DC @ 8Amp

NOTE: Chargers may vary slightly, so please familiarise yourself with the manufacturer's instructions.

5.6.3 Charging the Battery

1. Ensure the charger is switched OFF.
2. Ensure the wheelchair is switched OFF.
3. Connect the charger to the wheelchair via the charging socket located on the front of the joystick module. An ORANGE “Battery Connected” light will come on.
4. Connect 3 Pin plug to the mains supply and turn it ON.
5. Switch the charger ON. The RED “Power On” light will come on.
6. When the battery is fully charged, GREEN (charge complete) float light will come on.

** WARNING!**

Undercharged batteries will reduce your driving range and shorten the battery life.

NOTE: The battery indicator light on your controller may state that the battery is fully charged. However, this may not be the true indication of charge. The charge level could be as low as 75%. Only your charger will state when the batteries are fully charged.

5.6.4 Charging Times

Charging times may vary depending on usage, battery condition, internal resistance and age of the battery.

In most cases, overnight charging (8 – 10 hours) is sufficient.

No harm will be done to batteries by leaving them on charge for a few days. However, prolonged charging is not advisable e.g., 3 days or more.

5.6.5 Battery Safety

** WARNING!**

- If batteries are leaking or faulty, never dispose of them into general waste.
- Take care when handling the battery box. It weighs over 16kg.
- Take care when handling damaged batteries and avoid contact of acid with bare skin.
- If acids make contact with skin or clothing, wash immediately with soap and water.
- All batteries are deemed to be hazardous waste when they are no longer useful, and you should contact your local authority for recycling.
- It is advisable to have a Glide Products representative replace your batteries.

5.6.6 When Should I Charge the Battery?

You should charge the battery after use each day. If the battery indicator light on your controller is in the RED range, you should not drive your wheelchair and must charge it immediately. Driving in the RED range will damage the battery. The flashing battery indicator light is a warning to charge your battery.

The battery must be fully charged every 3 months if not in use.

5.6.7 When Should I Replace the Battery?

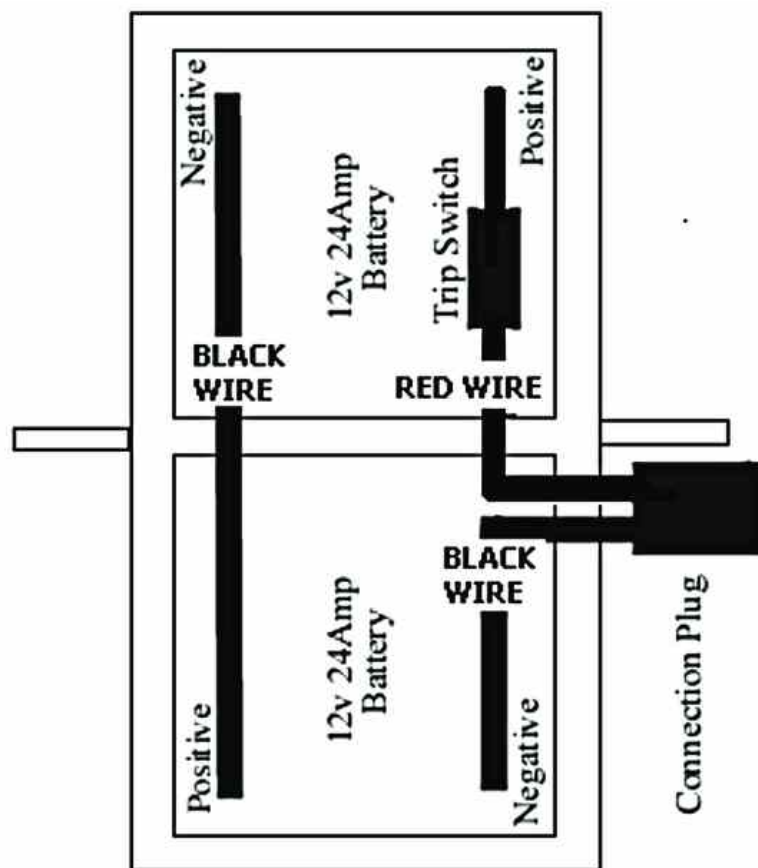
On average, you should get 12 months of life from your battery before you need to replace it. This is a guide only and depends on many factors including proper charging each night. As the battery deteriorate, you will notice the charge does not last lasting as long, and eventually, you will need to replace it, as a full charge may only last a couple of hours or less.

5.6.8 Battery Care and Storage

** WARNING!**

Do not store the battery near a heat source or in direct sunlight. Keep the terminals dry. Clean and coat them lightly with petroleum jelly to prevent corrosion.

5.6.9 Battery Wiring Diagram



6. WHEELCHAIR SETUP AND ADJUSTMENTS

Always ensure the ElectraGlide wheelchair is adjusted to suit the occupant. This will ensure maximum comfort and safety during use.

It is important the wheelchair is set up correctly by a healthcare professional in conjunction with the Glide Products agent. If your wheelchair is fitted with a third-party seating systems, some operations and features may differ from this manual.

⚠ WARNING!

Today, there are many seating systems on the market to fit a multitude of wheelchair types and brands and also to suit individual needs and preferences. The ElectraGlide has been designed to accommodate many of these systems including Glide's own. Because of the varying nature of these systems and possible changes to the centre of gravity, it will be necessary for a healthcare professional with the aid of the Glide Products agent representative to ensure the wheelchair is set up safely.

6.1 User/Attendant Training

Before using the ElectraGlide, it is advisable for both the user/occupant and the carer/attendant to undergo training in all aspects of operation of this power chair by a healthcare professional in conjunction with the Glide Products agent.

⚠ WARNING!

You should always start in a slow Drive Mode selected on the controller and gradually increased speed as you become more proficient in your driving ability. Maximum speeds should be set to suit the user's capabilities.

6.2 Folding and Unfolding Your Power Chair

To fold the chair, you must first remove the battery box.

6.2.1 Removing the Battery Box

1. Unclip the battery lead connector.
2. Pull out both locking pins A (see diagram) and twist so they hold in the out position.
3. Lift the battery box out using the lifting strap (Velcro lid retaining strap).



6.2.2 Folding the Power Chair

1. Lift up the Left and Right footplates.
2. Remove the spreader bar (if fitted)
3. Lift seat upholstery directly upwards to fold the chair.

6.2.3 Assembling the Power Chair

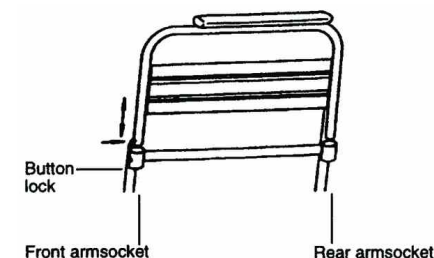
1. Unfold the chair, taking care not to put your fingers under the seat upholstery bar. Push down and out on the seat upholstery bars.
2. Lift battery box into a chair using lifting strap (Velcro lid retaining strap)
3. Plug in the battery lead connectors.
4. Twist and push in both locking pins A (see diagram)

⚠ WARNING! The battery box weighs over 16kg. Take care when handling.

6.3 Armrests Adjustment

To remove:

1. Push the button on the front arm socket and hold it in.
2. Using the other hand lift the armrest upwards.



To install:

1. Replace the armrest into the front and rear arm sockets.
2. Push the button in and the armrest down simultaneously.
3. Ensure the armrest is secure and the button has popped out.

⚠ WARNING! Never lift the wheelchair by the armrests.

Some chairs are fitted with adjustable height arms, that are incrementally adjustable in height. To adjust, simply depress the two button locks located on the outside of the bottom frame, move to the desired height and ensure that the button locks “spring” back into the holes nearest to your desired height.

6.4 Footrests and Footplates Adjustment

The footrests are swing-away and detachable. They swing out by pulling the release lever (see diagram). The type of release lever fitted to your chair depends on your ability and the footplate type fitted to your chair.

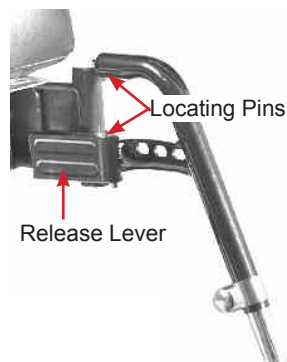
To remove:

1. Push the lever inwards to unlock and swing the footrest hanger outwards.
2. Lift upwards to remove.

To install:

1. Insert the footrest back on the two locating pins and swing it inwards for automatic locking.
2. When the lever is released, the footplate will swing out and lift off the two locating pins.

3. Once the legrest is on the locating pins, and with the footplates up, swing the legrest towards the centre of the chair firmly so that the latch will click into position.



⚠ WARNING!

When refitting the footrest to the wheelchair, ensure it is located on both of the locating pins. Damage may result if only one pin is used.

6.4.1 Height Adjustment of the Footplates

Your footplate will be fitted with one of two types of adjustment styles.

1. **Clamp-type.** To adjust the height simply loosen the clamp bolt, move to footplate to the desired position and re-tighten the clamp bolt.
2. **Incremental-Hole-type.** To adjust the height, un-do and remove the bolt, move the footplate to the nearest hole to suit the desired height, then replace it and tighten the bolt firmly.

6.5 Positioning Belts

The use of positioning belts is highly recommended, as this will help support the occupant and prevent the occupant from falling out. The use of position belts must ONLY be set up by a healthcare professional. Improper use of positioning belts may cause serious injury.

⚠ WARNING!

Positioning belts are not to be used as seat belts when the occupant and the wheelchair are transported in a vehicle. Please refer to Section 10 Transporting Wheelchair Occupant in a Motor Vehicle for further details.

7. TRANSFERRING TO AND FROM THE WHEELCHAIR

The ElectraGlide power chair is designed to ensure the safe and efficient transfer of the occupant in and out of the chair. However, it is important that the occupant and the attendant/carer learn safe transfer techniques from a healthcare professional.

⚠ WARNING!

Note the following when transferring:

- Make sure the chair is turned OFF before transferring the occupant.
- Ensure the wheelchair brakes are applied.
- Armrests can either be removable or flipped back (depending on type specified when ordering) allowing easy lateral movement from either side of chair or for the fitting of a patient hoist sling.
- If the occupant is ambulant, or able to do standing transfers, removing the swing-away footplates will allow better placement of feet when standing or conversely, closer access to the seat when transferring into chair.
- Always have the wheelchair as close as possible to the chair that you are transferring to.
- Ensure that the front castors are facing forward when transferring.
- Where possible have someone assist you during the transfer.

8. SAFE OPERATION OF THE POWER CHAIR

WARNING!

The ElectraGlide wheelchair has been designed with user safety as its prime consideration. The user and the attendant must take due care and understand the limitations of the environment that the chair will be operated, and exercise caution in circumstances that put the wheelchair outside the specified operating conditions for which it was designed.

- When driving the wheelchair for the first time you should always start with the slowest speed setting and gradually increase it as you get accustomed to your wheelchair.
- In the event of the wheelchair moving in an unexpected manner, release the joystick. This action will stop the wheelchair under any circumstances.
- If your wheelchair is not steering, not performing normally or making strange noises or knocking sounds, cease driving the wheelchair immediately and have a Service Technician examine your wheelchair.

WARNING!

- To ensure stability, maintain proper balance at all times. Do not move your centre of gravity outside the normal seating position.
- Keep your feet on the footplates while the chair is moving.
- DO NOT use the brakes for slowing down the wheelchair. Use the push rims as a means of breaking.
- DO NOT use the ElectraGlide on gradients above 10 degrees.
- Go down gradients slowly.
- DO NOT ride over deep, soft ground (soft dirt, loose gravel, tall grass, sand)

9. TRANSPORTING THE WHEELCHAIR IN A MOTOR VEHICLE

The ElectraGlide can be easily transported in Sedans or Station wagons by removing the battery pack from the chair and folding it together, allowing you to lift it into the boot or back of the station wagon. See section 6 for details.

10. TRANSPORTING WHEELCHAIR OCCUPANT IN A MOTOR VEHICLE

The Glide Products ElectraGlide is compliant with the Australian Standard AS3696.19 - *Wheeled mobility devices for use as seats in motor vehicles*.

WARNING:  THE PRIMARY GOAL OF AS/NZS 3695.19 IS TO REDUCE THE POTENTIAL FOR INJURY TO WHEELCHAIR-SEATED OCCUPANTS IN THE EVENT OF A VEHICLE IMPACT, AND ADDRESS WHEELCHAIR PERFORMANCE RELATED TO NORMAL VEHICLE OPERATING CONDITIONS. ANY MODIFICATIONS OR ADDITIONS TO THE WHEELCHAIR (SUCH AS CHANGES TO THE FRAME, AFTERMARKET CUSHIONS, HARNESSES ETC.) MAY REDUCE ITS SAFETY IN A VEHICLE ACCIDENT AND IF UNSURE OF THEIR EFFECT, THE OPERATOR SHOULD CONSULT A SUITABLY QUALIFIED PROFESSIONAL FOR ADVICE.

10.1 Safety Considerations

WARNING!

- It is safer to be seated in the OEM vehicle seat using the OEM restraint system than seated in a wheelchair using the approved restraint systems.
- For this reason, where feasible, wheelchair users should transfer to the vehicle manufacturer-installed seat using the (OEM) restraint system.
- Wheelchair users should transfer to the vehicle seat and use the vehicle-manufacturer-installed restraint systems whenever it is feasible.
- Unoccupied wheelchairs should be stored in the cargo area and secured during travel.
- The ElectraGlide complies with ISO 7176.19 & AS/NZS 3696.19 and has been tested for use in a forward-facing position ONLY.
- The user must not weigh more than 150kg for ElectraGlide secured with a Four-Point WTORS.
- When the wheelchair is used as Occupant Transport the wheelchair must be in the forward-facing position.
- Use a four-point strap-type wheelchair tie-down. This could be a hook attached to the Tie-down strap end or if no fitting is supplied loop the Tie-down webbing through the securement point to the tie-down (refer to standards below).
- Use a three-point-belt restraint comprising a pelvic-belt restraint and a shoulder-belt restraint that connect near the hip of the occupant.
- Only use the designated Tie-down points located on the wheelchair. Two in the front, and two in the rear.
- Use only a compliant WTORS (Wheelchair Tie-down and Occupant Restraint System) that is installed to the requirements of ISO 10542.1 or ADR 4/04 or AS/NZS 2596 or equivalent.
- Do not use leg rests, footplates or armrests as attachment points for your tie-down system.
- Posture Positioning Belts should not be used as vehicle restraint belts.

- Ensure that your restraint system complies with AS2942 and you fully understand the manufacturer's instructions on how your tie-down system works and whether it is compatible with the Glide Power Chair.

10.2 Crash Test

The ElectraGlide was dynamically tested in a forward-facing test with ATD (test dummy) using the Four-Point Wheelchair tie-down system.

10.3 Determining Motor Vehicle Size and Type

The size and type of wheelchair will impact the selection of a vehicle suitable for Wheelchair Occupant transport. Smaller vehicles are generally not suitable for Occupant Transport of powered wheelchairs. The ElectraGlide is a rear-wheel drive chair and has good manoeuvrability inside a vehicle. Vehicles with rear entry are the preferred vehicle type.

The best practice for positioning the wheelchair in a vehicle in a forward-facing position is to drive straight in from the rear of the vehicle and avoid manoeuvring inside the vehicle where possible.

To unload a wheelchair, again the best practice is to reverse the wheelchair straight out without manoeuvring inside the vehicle.

WARNING!

Never manoeuvre a wheelchair while it is on a ramp or lifting ramp.

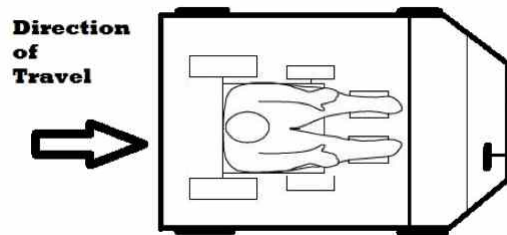
10.4 Occupant Vehicle Transport - Maximum User Weight

WARNING!

Four-Point tie-down system ElectraGlide = 150kg

10.5 Wheelchair Securement

The securement of the wheelchair must be in a forward-facing position in a motor vehicle as shown.



10.6 Four-Point Strap-Type Tie-Down System

The Tie-down system used must comply with ISO 10542.1.

This will consist of two Front and two Rear attachment points and occupant restraint belts.

The systems must be fitted and used in accordance with the manufacturer's instructions along with the wheelchair manufacturer's instructions.

10.6.1 Securing the Wheelchair with a Four-Point Strap-Type Restraint

⚠ WARNING!

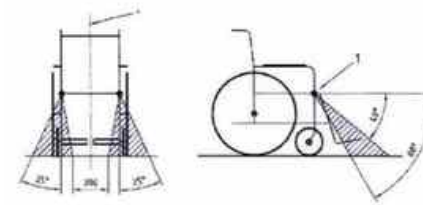
Standard ISO 10542.1 approved four-point WTORS (wheelchair Tie-down and Occupant Restraint Systems) are only tested to 85kg.

For wheelchairs heavier than 85kg it is recommended to use an ISO 10542.1 WTORS (Heavy-duty system), which is rated for the total weight of the wheelchair including any options.

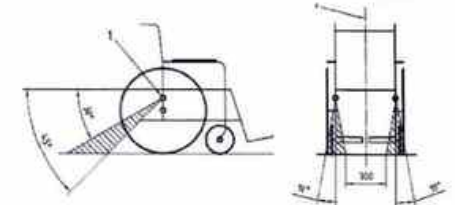
If using a Heavy-duty System, use four straps to secure the wheelchair, two straps at the front and two straps at the rear.

Never use equipment not labelled with ISO 10542.

10.6.2 Tie-Down Strap Angles



Preferred angles for front
Tie-down straps

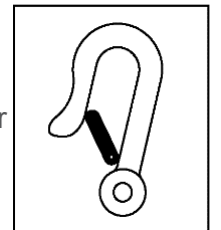


Preferred angles for rear
Tie-down straps

10.6.3 Wheelchair Tie-Down Locations Four-Point

⚠ **WARNING!** Only use the designated Tie-down points on the wheelchair as shown below. DO NOT use any other points for attachment.

Each Tie-down attachment point on the wheelchair will be labelled with the securement decal shown right.



Example of the
securement decal

10.7 Wheelchair Set-up for Occupant Transport

⚠ WARNING!

- Footplates must have a minimum ground clearance of 100mm.
- Tire pressure should be at recommended pressures.
- Attendant Brakes must be ON or the Drive Wheel clutch must be engaged.
- Remove any trays and secure them in a separate section of the vehicle. Trays can also remain secured to a wheelchair positioned out of the way from the occupant with energy-absorbing padding between the tray and the occupant.
- Remove all Auxiliary equipment not bolted to the wheelchair during transport and secure it in a separate section of the vehicle.
- Alterations should not be made to securement points or the structural frame of the wheelchair without consulting Glide Products.
- The wheelchair should be inspected by Glide Products should it be involved in a collision.

10.8 Occupant Restraints

⚠ WARNING!

- Only use a three-point-belt restraint that complies with ISO 10542-2, comprising a pelvic-belt restraint and a shoulder-belt restraint that connect near the hip of the occupant.
- Belt restraints should make full contact with the shoulder, chest and pelvis and the pelvic belts should be positioned low on the pelvis near the thigh-abdominal junction. The shoulder belt should fit over the mid-shoulder (see the image below).

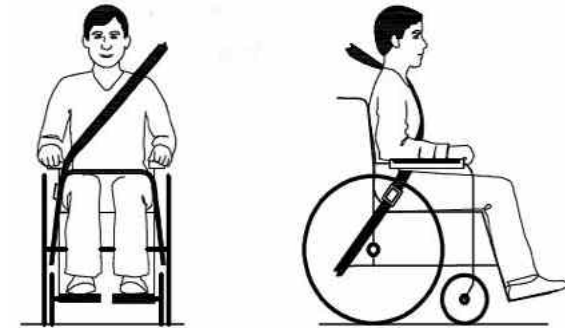


Illustration of correct belt restraint

10.8.1 Occupant Restraint Instructions for Use

⚠ WARNING!

- Use a three-point occupant restraint system to secure the occupant.
- Both pelvic and upper torso restraint belts must be used to restrain the occupant to reduce the possibility of any head or chest impacts with the vehicle.
- Any wheelchair-anchored occupant restraint i.e., three-point belt, harness or postural supports (lap straps, lap belts) should not be used or relied on for occupant restraint in a moving vehicle, even if labelled as compliant with ISO 7176.19, SAE J2249 or any other standard. Use a vehicle-anchored and certified occupant restraint system instead.

- Use a suitable headrest for transporting the occupant in a wheelchair. The headrest should be adjusted within 50mm of the back of the occupant's head and the centre of the head restraint should be at least as high as the rearward point on the back of the head during normal travel.
- Wheelchair-anchored postural supports (lap straps, lap belts) should not be relied on for occupant restraint in a moving vehicle.
- Occupant restraint should make full contact with the shoulder, chest and pelvis and pelvic belts should be positioned low on the pelvis near the thigh-abdominal junction (meeting the requirements specified in ISO 7176.19:2008).
- The upper torso restraint belt must fit over the midpoint of the shoulder and across the chest as illustrated (see image above).
- Restraint belts must be adjusted as tightly as possible consistent with user comfort. Restraint belt webbing must not be twisted when in use.
- Care should be taken when applying the occupant restraint to position the seatbelt buckle so that the release button will not be contacted by wheelchair components while driving or during a crash.
- Belt restraints must not be held away from the body by wheelchair components such as armrests or wheels (see image below).



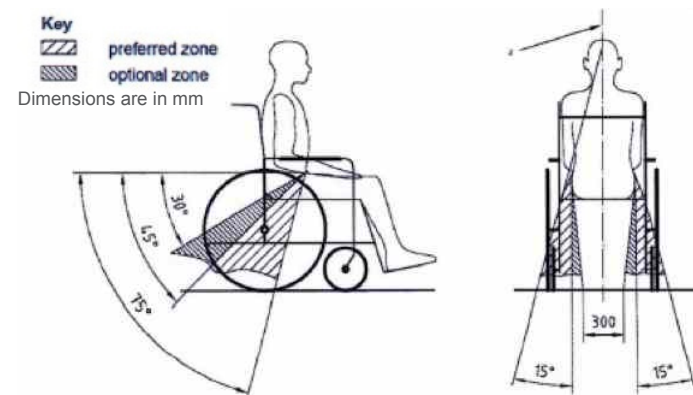
Illustration of incorrect belt restraint

10.8.2 Positioning Occupant Restraint Using the Four-Strap Tie-Down

⚠ WARNING!

The pelvic restraint belt must be worn low across the front of the pelvis so that the angle of the pelvic belt is within the optional or preferred zone of 30° to 75° to the horizontal. A steeper (greater) angle within the preferred zone, 45° to 75° is desirable, i.e. closer to, but never exceeding 75°.

The use of a postural Hip Belt (Lap Belt) attached to the wheelchair is recommended only in conjunction with the three-point Belt restraint. The Hip belt is not to be relied on as a restraint.



Preferred and optional angles for locations of the lap belt

10.9 Postural Support Devices

It is recognised that in many cases postural support devices provide support during normal vehicle manoeuvres.

⚠ WARNING!

During transportation, postural support devices, where practical, should be removed if they are likely to cause injury in an event of an accident.

Postural support devices should not be removed if the client's safety is likely to be compromised during normal transport.

Postural supports should not be relied on as a crash-worthy occupant restraint regardless of whether they comply with AS/NZS 10542.2 or ADR 4/04 or AS/NZS 2596 or equivalent.

10.10 Untested Seating / Backrest

WARNING!

Where a seating system is provided for a wheelchair that was not part of the wheelchair during the AS/NZS 3696.19 crash test, the following considerations should be made with regard to the selection and application of the wheelchair seating requirements:

- Seating components not provided with the wheelchair for testing under AS/NZS 3696.19 should be as light as possible, consistent with clinical function and secured to the wheelchair.
- The seating system must have a backrest that reaches to shoulder height.
- The seating system must have a substantial headrest or head support.
- The minimum restraint requirement recommended is a three-point belt restraint.
- The seating system must comply with Clause 6 of AS 3696.10.
- Seating systems that are not part of the wheelchair supplied by the wheelchair manufacturer should be attached to the wheelchair frame without having to drill, weld or glue the fixture to the frame.
- The back support angle during travel should be not greater than 30° to the vertical. It is recognised that there may be instances where this may not be practical.
- The seat reference plane during travel should be greater than 0° to the horizontal. It is recognised that there may be instances where this may not be practical.

11. CARE MAINTENANCE AND REPAIRS

The ElectraGlide power wheelchair has been designed for minimal service requirements and will give years of service if used correctly.

11.1 Maintenance Schedule

Daily

- Charge your batteries every night so your power chair is ready to go when you are.
- Check first up each day that your chair drives as it should. If your wheelchair suddenly drives or reacts differently, it generally means something is wrong. Stop using the wheelchair until it has been checked by a technician. It could be something as simple as a flat tyre or something more serious.

Weekly

- Check tyre pressures and tyre wear or damage.
Recommended pressure:
Front = 206 kpa (30 PSI)
Rear = 241 kPa (35 PSI)

WARNING!

Never use High-Pressure inflators such as the Service Station guns unless regulated. These are fast-flowing guns and could result in over-inflation or explode the tyre. Only use regulated air guns or hand pumps.

- Clean the frame and vinyl parts with a mild soapy solution.
- Wipe the upholstery with a clean damp cloth
- Check all cables and ensure all connectors are secured, i.e. battery, motors and controller.
- Check the function of electric brakes (When the chair is turned ON with the motors engaged and the hand is off the joystick, you should not be able to push the chair or rotate the drive wheels). If the wheelchair can be moved, do not operate the wheelchair. Ask a service technician to rectify the fault immediately.

Monthly

- Give the chair a general inspection for loose nuts and bolts or any damage.
- Inspect and clean corrosion from battery terminals and cable connectors. Coat with petroleum jelly

Annually

- It is advisable to have an annual inspection of the Power Chair performed by an authorised Glide Products agent. Their knowledge and experience enable them to identify and correct problems that might otherwise go undetected.

For any questions concerning maintenance or service procedures, contact your nearest Glide Products selling agent or Glide Products Direct.

11.2 Cleaning Wheelchair and Parts

Cleaning should be carried out regularly using a mild soapy solution for all painted surfaces and a damp cloth for all other areas. Always dry off with a clean cloth. Upholstery can be cleaned with a mild detergent and then wiped again with a damp cloth using water only. Leave in an area where it will dry.

11.3 Using a High-Pressure Water Cleaner

WARNING!

Glide does not recommend using high-pressure cleaners but does concede that on rare occasions it may be necessary. Before proceeding:

- All Electrical components including controllers must be removed from the wheelchair before using high-pressure guns.
- Motors must be tightly sealed with a plastic cover and never aim the gun directly at the motors or gearbox.
- Never use alkaline-based solvents or degreasers as they are highly corrosive.

11.4 Packing & Shipping the ElectraGlide Power Chair

The ElectraGlide Power Chair is shipped to Glide Products agents on a pallet enclosed in a cardboard box to minimise damage during transport.

Your chair should arrive to you fully assembled and ready to use.

If your chair needs to be transported interstate or overseas, it is recommended that a shipping box and pallet be used. These can be purchased from your nearest Glide Products agent or dealer.

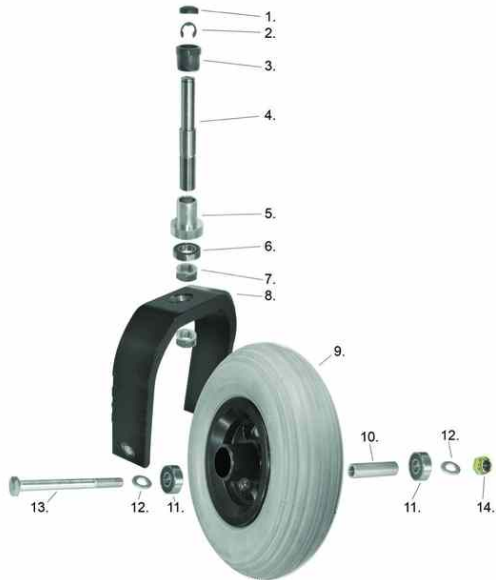
11.5 User Serviceable Parts / Spare Parts

⚠ WARNING!

The only user-serviceable parts are listed below. For safety, all other components are to be serviced by Glide Products or a trained technician.

Replacement TYRES		TUBES	
200mm (8") Pneumatic Front	P/N 202602	200mm (8") Front	P/N 202492
250mm (10") Pneumatic Front	P/N 202670	4.10/3.50 – 6	P/N 202567
203 x 62 (12 ½ x 2 ¼) Rear	P/N 202615	250mm (10") Front	P/N 202566
4.10/3.50 – 6 Rear	P/N 202663	203 – 62 (12 ½ x 2 ¼) Rear Thorn Proof	P/N 202501

CASTOR PINTLE AXLE ASSEMBLY			
1. Dust Cap	P/N 77081	8. Castor Fork	P/N 200722
2. Circlip	P/N 7803	9. Castor Wheel	P/N 20125
3. Top Nylon Bush	P/N 60390	10.Bearing Spacer	P/N 60627
4. Pintle Axle	P/N 600145 or 600146	11.Castor Wheel Bearings	P/N 20024
5. Bottom Bearing Housing	P/N 60061	12. Spacer Washers	P/N 7827
6. Bearing	P/N 20017	13. Axle Bolt	P/N 78732
7. Top & Bottom Castor Fork Retaining Nuts	P/N 62000	14.Nyloc Axle Retaining Nut	P/N 783841



11.6 Removing the Castor Wheel

11.6.1 Tools Required

To remove the castor wheel from the fork, you will require:

- 2 x 8mm sockets (3/8 sq drive)
- Thread locking compound (Loctite 277 or similar) for assembly



11.6.2 Removal Procedure

1. Raise the wheelchair so the castor wheel is 25 to 50mm from the ground. The wheel can then easily be removed from the castor fork.
2. When loosening the bolts, one bolt should stay in tack with the spindle while the other side will loosen. This is because one bolt is secured using high-strength Loctite 680, while the other bolt uses a thread-locking compound, Loctite 277.

11.6.3 Reassembly Procedure

1. With one side of the spindle assembled with a washer and bolt, slide the opposing end of the spindle through the fork and wheel until the spindle is flush with the outside of the fork on the opposing side.
2. Once the spindle is located on both sides of the fork, tighten securely (Torque 7.0 nm) ensuring you use a thread-locking compound on the bolts.

⚠ WARNING!

You must always re-assemble the castor wheel using a thread locking compound (Loctite 277 or equivalent) on the 5mm bolts. Failing to do so may result in bolts unscrewing.

⚠ WARNING!

Never use substitute parts. Use only the Glide spindle shaft, 5mm 8.8 bolts and the special washer.

11.6.4 Replacing the Inner Tube on the Castor Wheel

1. Remove the wheel (ensure the tyre is deflated).
2. Remove 4 nuts on the wheel as per Fig A.
3. Once all 4 bolts have been removed, remove one-half of the hub which will leave the tyre and tube exposed Fig B.
4. Remove the old tube and replace it with a new tube. Slightly inflate the tube before inserting a new tube into the tyre.
5. Re-fit the tyre/tube back onto one side of the hub as per Fig B ensuring you line the valve up with the valve hole on the hub.
6. Ensure the tyre is seated correctly, then fit the other half of the hub, again ensuring the hub valve indentation lines up with the valve.
7. Replace all 4 bolts (inserting bolts from the valve side of the hub) as per Fig A and tighten Dome nuts.
8. Replace the wheel back onto the fork and tighten the bolt. Do not over-tighten. Make sure the wheel spins freely.

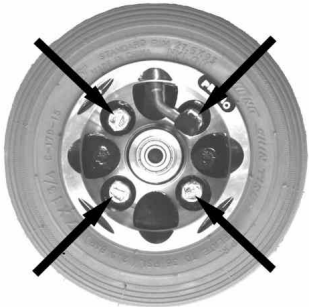


Fig A



Fig B

12. TROUBLESHOOTING

12.1 Power Chair Will Not Drive

If your Power chair will not go, follow this procedure:

1. Check the lights on the control box are illuminated.
2. If there are no lights on the controller, check that all leads/plugs that connect to the controller are pushed in and secure.
3. Check for damaged cables.
4. Check the motor cables are properly connected.
5. Check all battery wiring is connected.
6. Check the battery box connector is plugged in.
7. Check the circuit breaker located on the battery box lid. The circuit breaker will trip when the wheelchair is stalled for a prolonged period or if a major fault has occurred. If the circuit breaker continually trips for no apparent reason, don't use the wheelchair and contact your Glide Products service agent. Important:

IMPORTANT: Allow 60 seconds before resetting the circuit breaker.

If you still have problems after reviewing the above checklist, please contact your nearest Glide agent or Glide Products direct.

13. WARRANTY

Glide Products Pty Ltd (ACN 645 050 255) ("Glide Products") warrants all manufactured and distributed products against defects in materials and workmanship for a period of one year or for a period otherwise stated in this warranty from the date of purchase.

Under normal conditions, no responsibility will be taken for the repair or replacement of any product that has not been used or maintained in accordance with the instructions in this User Manual or is not a direct result of an original manufacturing defect.

Glide Products will repair or replace any part, as determined by Glide Products in its absolute discretion, provided the purchased product is delivered intact and prepaid to a location authorised by Glide Products within the prescribed period of warranty.

The foregoing is in lieu of all other warranties expressed, implied or statutory (except to the extent it is not lawful to exclude them) and Glide Products' sole liability shall be to repair or replace defective components in accordance with the terms listed below and as determined by Glide Products in its sole discretion.

Glide Products warrants the following for defects in materials and workmanship:

- Chassis 5 year warranty. The Chassis will be replaced within the first five years period. Glide Products will extend the warranty for any such replaced chassis for a further five years, from the date of replacement and will either repair or replace the chassis during that period.
- Upholstery: 12-month warranty. Warranty does not cover against normal wear and tear from reasonable use or damage.
- Tyres and Tubes: 12-month warranty. Warranty does not cover against normal wear and tear from reasonable use or damage.
- Spare Parts: All spare parts will have a 12-month warranty period from the date of purchase.
- Controllers/Battery Charger: 12-month warranty. Controllers and associated hardware will be repaired where possible. Replacement will only occur if repair is not practical or not possible.

- Motors/Gearbox/Actuators: 12-month warranty. Automatic replacement within six months of purchase. Thereafter, the unit must be returned for evaluation and possible repair before replacement.

If any faults are detected during normal use, please notify the Glide Products agent from whom you purchased the wheelchair, or Glide Products directly to ascertain if warranty conditions apply and to organise repair or replacement as determined by Glide Products in its absolute discretion.

13.1 Limitation of Liability and Exclusions

Only Glide Products wheelchairs purchased at full price from a Glide Products agent are warranted against defective workmanship and materials.

Glide Products does not warrant either expressly or impliedly the suitability of the (product name) wheelchair for the purchaser or any intended user. Purchasers and intended users are advised to seek advice from an appropriate medical practitioner prior to using the Glide Powered wheelchair.

Glide Products will not accept responsibility for any damage or injury caused by misuse or non-observance of the instructions set out in this User Manual.

Glide Products will not guarantee the safe and correct functioning of the wheelchair if any of the original components have been modified or replaced with non-original Glide Products parts. Unauthorised modifications or use of unsuitable spares will also void the warranty.

This warranty does not extend to parts or components subjected to negligence, accident, improper assembly/installation by the purchaser, incorrect programming, operation, storage or maintenance, unauthorised modifications to the wheelchair including, but not limited to, modifications to the original components through the use of non-original Glide Products parts or attachments, products damaged by reason of repair made to any component without authorisation from Glide Products, or to products damaged by circumstances beyond Glide Products' control, and such evaluation will be solely determined by Glide Products.

The warranty does not extend to problems arising from or any situation that could be deemed as fair wear and tear or misuse.

The warranty does not extend to any cosmetic or superficial defects, dents, marks or scratches which do not influence the proper and intended function of the products.

The warranty does not extend to any product purchased second-hand or from a person who is not an authorised Glide Products agent.

The warranty on this product does not include labour or freight charges incurred in replacement part installation or repair of the product.

Except insofar as is prohibited by statute, Glide Products shall not be liable for consequential or incidental damage, injury or loss of any kind to any property or person whatsoever arising from or in connection with the Glide Products wheelchair.

14. TECHNICAL SPECIFICATIONS

Max Recommended User Weight	150Kg – AS3695
Chair weight	49 – 52kg
Rear Wheels	203mm x 62mm (12 ½” x 2 ¼”) (Pneumatic)
Front Castors	200×50 (8”x1¼”) (Pneumatic)
Drive Wheels	Rear
Overall Length	95cm
Overall Width	43cm chair width = 60cm overall width
Seat Frame	Aluminium folding modular frame
Seat Width	37 – 52cm
Seat Depth	33, 37, 40, 43, 46, 49, 52, 55cm
Seat Height	51cm Std – 46cm with low seat height kit
Back Height	To client requirements, in 3cm gradations
Seat Upholstery	Sailcloth material with seat adjustment
Arm Rests	Full Length Non Adjustable
Leg Rests	Detachable swing away, plastic footplates
Frame Colour	Choose from Glide colour range
Brakes	Electromagnetic and manual attendant
Controls	PG or LiNX
Battery	12V 24 Amp
Charger	24V 5 Amp
Range	18 Km
Approvals and Compliance	TGA – ARTG #95730 AS3695, AS 3696.19

15. DISPOSAL AND RECYCLING

At the end of its useful life, your ElectraGlide power chair must be recycled.

Disposal of any component must be carried out in accordance with national and local government provisions.

- The metal components can be disposed of at your nearest scrap metal collection facility.
- Electric components and printed circuit boards can be disposed of as electronic scrap at your nearest waste management facility.
- Depleted or damaged batteries must be disposed of at your nearest battery collection facility. Please contact your local Council for locations. DO NOT put them in your regular rubbish bin.

Please contact your Glide Products agent or Glide Direct for further advice.



Glide Products are manufactured in Australia

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