

Alero

Alero

Foldable Power Wheelchair



User's Manual

GP-50 Electric Folding Wheelchair



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www.goldentech.com

Consumer Information

Name _____

Model _____

Serial # _____

Date of Purchase _____

Purchased From _____

WARNING !
DO NOT OPERATE THIS ELECTRIC WHEELCHAIR WITHOUT FIRST READING AND UNDERSTANDING THIS MANUAL. IF YOU ARE UNABLE TO UNDERSTAND THE WARNINGS AND INSTRUCTIONS, CONTACT THE DISTRIBUTOR OR DEALER WHERE YOUR ELECTRIC WHEELCHAIR WAS PURCHASED BEFORE ATTEMPTING TO USE THIS EQUIPMENT. OTHERWISE INJURY OR DAMAGE MAY RESULT.

Chair User Classification

Model	Max user Weight	Everyday Use	Indoor Use	Outdoor Use
GP-50 Electric folding power wheelchair	250lbs	X	X	X



SPECIFICATION

No	Item	Specification
1	Seat Width	18"
2	Seat Depth	16"
3	Seat Height	Front 20" Rear 19 3/8"
4	Back Rest Back height (from seat to the top of back upholstery)	8° bend 14 3/4" ~ 18 3/4" (height adjustable)
* 5	Rear drive Wheels	12.8" Dia. Solid Tires
6	Front Wheels	8" Dia. Solid Tires
7	Anti-tip Wheels	1.5" Dia. wheels
8	Brake & wheel locks	Electro-magnetic brake, and BR-A550 alloy wheel lock
9	Manual Freewheel	Yes, Easily accessible without disassembly
10	Adjustable Back Rest	8° bend, height adjustable
11	Adjustable Armrest	Height adjustable from 8.3/8" ~ 14.7/8"
12	Battery	U1-34ah 12V, 2 pcs
13	Battery Charger	Carry-on
14	Controller	DL50 Dynamic
15	Drive Train	Rear wheel drive with two motors, Permanent magnet commutator 24V DC motors.
* 16	Weight Capacity	250lbs
* 17	Max Speed	4.5mph
18	Ground clearance to Batteries	5.3"
19	Ground clearance to Anti-tip Wheels	1.4"
20	Turning Radius	38"
* 21	Max safe inclination	6° MAX
* 22	Max obstacle height	1.5" (in upright seat position)
23	Range (Varies with passenger weight, temperature, condition of batteries, ground surface, type of charger & battery etc.)	20 mile (32km)
* 24	Overall Length	45 1/4 "
* 25	Overall Width	24 1/2 " with 18" seat width
26	Overall Height	Height adjustable from 36" ~ 38 3/4" (from ground to push handle)
27	Weight - base incl. controller, motors, footrests w/o anti-tipper	82 lbs
28	Battery weight	2 pcs U1-34ah 12V (47lbs)
29	Warranty (see details in this user's manual)	5 years for main frame. 1 year for controller / gear motor / main components except exhaustive and wear and tear parts.

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Summary

Thank you for your selection of the Golden Technologies' Alero. A fully foldable k011 power wheelchair. Golden Technologies' power wheelchairs are manufactured from high quality 7000 series seamless aluminium tubing. The advantage of using this high grade material is two fold, one, Golden Technologies' chairs remain well within industry standards for strength and durability and two, Golden Technologies is able to build a high strength, portable product. Every component of a Golden Technologies chair is produced after extensive research and evaluation to ensure durability, reliability and efficiency to surpass industry standards.

The GP-50 is a combination of equipment including controllers and motor/gearbox combinations manufactured to surpass industry expectations. Golden Technologies' Dealers throughout the country can assist you in maintaining your Alero power wheelchair to ensure it meets your satisfaction and continues to be a well-engineered health care product.

Safety Instructions

Read the Manual

Safety is the most important consideration when using a wheelchair. It is important that you read and understand all the operating and safety instructions discussed in this manual. Ensure that your electric wheelchair is correctly fitted and adjusted by your local dealer or by your attending health care professional.

Loading & Unloading

Be sure to engage the wheel locks before entering or leaving the chair. The wheel locks are designed to prevent the chair from moving. It is preferable to ensure that the front castors are in the forward position before transferring. With the castors in the forward position, the wheelbase of the chair is increased therefore offering more stability.

Stability

DO NOT operate the wheelchair in any direction while leaning forward in the chair. If an object is to be picked up from the floor the caster wheels must be positioned to support you. Drive past the object, then reverse so the front castors are in the forward position, as the chair will then have the greatest stability for this operation. To maintain lateral stability do not reach further than the length of your arm. DO NOT lean out of the chair as this could cause instability.

Ramps

When transferring DO NOT stand on the footplates. Depending on the style of footplate either swing them away or fold them up before transferring. When approaching a ramp be sure of your own ability and your limitations in terms of strength and endurance. You should first consult a qualified specialist as to the correct techniques for ramp negotiation.

Before attempting negotiating a ramp the following basic safety rules should be considered

1. Surface of the ramp: Is it too slippery ?
2. Degree of incline: Is it too steep to attempt alone ?
3. Length of ramp: Is it too long for your endurance ?
4. Obstacles: Are there any obstacles on the ramp that would necessitate an attendant's assistance ?

Assistance is always recommended when going up or down steep inclines.

- * In order to prevent loss of steering control, or the possibility of tipping over backwards, an attendant is recommended when going up inclines greater than 6°.

If it becomes necessary to stop when going up an incline, special care must be taken to avoid abrupt or sudden forward movement when you resume operating the chair to avoid tipping the chair backwards.

Always keep the chair under control when going down a ramp or incline. Speed should be controlled at all times.

When operating your Alero and an obstacle is being approached, care should be taken to prevent the chair from becoming unstable.

Obstacles that may force the Alero to become unstable

CURBS

1. Go down the curb rear wheels first, making sure that the user is square to the curb so that the rear wheels go down together.
2. Go up a curb frontward with both front wheels up together.
3. DO NOT attempt to climb multiple steps.
4. DO NOT use escalators. Use the elevator.

NOTE : As with all adjustable wheelchairs, operation at the extremes of adjustment may affect handling and performance.

Unpacking & Assembly

Unpacking

After removing your Alero GP-50 power chair from the carton please check that you have been supplied with the following main parts as standard specification.

1. The main frame with Motors /gearboxes and front castors attached
2. Foot rigging with swing away leg rests
3. **Rear drive wheels** 12 1/2" x 2 1/4" rear wheel with foam filled tires
4. **Batteries boxes** two pieces, for 28AH~34AH batteries use one box for a battery (Optional)
5. **Batteries** Rechargeable sealed lead-acid battery, 12V34AH and/or smaller. (Optional)
6. **Battery Tray** Foldable tray
7. **Battery Charger** 5 amp
8. **Controller** Dynamic DL 50
9. **Motors:** 24V DC permanent magnet commutator motors

Assembly

Please assemble the main parts mentioned as per the following procedure and check the assembly for normal operation.

1. Mount the swing away leg rests as shown in Fig 8.
2. Drive wheels, motor / gearbox assemblies are pre-installed as shown in Fig 12.

Fig 1 GP-50



Fig 2



GP-50 full length armrest

Fig 3



with DL controller

After following all the steps in General Operation proceed with the following.

1. Note that the battery tray is foldable and will unfold with the chair. See Figure to understand that the battery tray is non removable and is foldable as Fig 12 shows.
2. Insert the battery box with the external power connection towards the front of the chair.
3. There are two batteries. Attach the wiring loom to each battery making sure that the correct polarity is observed. A placard fixed in the battery box lid illustrates correct wiring. Lift each battery with the lifting harness attached into position, connect the power cables to the appropriate plugs and ensure that the power cables are clear of obstacles when replacing the battery box lid. Tighten the battery box-securing strap.
4. Slide the power control module into the mounting bracket under the armrest and secure it into position. Your control module can be mounted either on the left or right hand side of the chair. Should you wish to change the Mounting of the power module, contact your authorized Alero Dealership.
5. Ensure that all the power connections are correctly fitted.

General Operation

1. Hold the two armrests with your hands as Fig 13 shows.
2. Extend the armrests outwards as Fig 14 shows.
3. Push down on the seat rails to ensure the seat opens fully and locks into the receivers on the wheelchair side frames as Fig 15 shows.
4. Swing the leg rests around to the front of the chair and ensure that they lock into place.

To fold the wheelchair for storage or transportation

1. Fold up the footplates and unlock the levers, which position the leg rests. Swing the footplates and leg rests away. Either leave the foot plates in this position or remove them completely by lifting each leg rest vertically to clear the pivot bush as Fig 8 shows.
2. Take hold of the middle seat upholstery, one hand at the front and the other at the rear, pull the seat upholstery up vertically as Fig 16/17 shows.

Fig 8



Fig 12



Fig 13



Fig 14



Fig 15



Fig 16



Fig 17





Fig 18 Drive Disengaged



Fig 19 Drive engaged



Fig 23



Foldable Frame, various quick release construction

Special Features

Freewheel levers

For your convenience, the Alero is equipped with two freewheel levers, see Fig 18 & 19. These levers allow you to disengage the drive motors and maneuver the chair manually.

WARNING! DO NOT use your Alero while the drive motors are disengaged unless you are in the presence of an attendant! DO NOT disengage the drive motors when your Alero is on an incline. The chair could roll down on its own, causing injury !

To engage or disengage the freewheel feature:

1. Turn the freewheel levers outward to disengage the drive motors. see Fig 18.
2. Turn the free wheel levers inward, to engage the drive motors, see Fig 19.

NOTE : It is important to remember that when your Alero is in freewheel mode, the braking system is disengaged.

Armrest

The height adjustable T-type armrest with a skirt guard is provided as standard equipment on the Alero power wheelchairs, see Fig 1 & Fig 3. Adjustment for the Alero is facilitated by a ball lock pin inserted from the outside of the armrest support at the lower extremity and a threaded lever lock at the top of the armrest post. To activate the ball lock pin simply depress the button found in the center of the pin and remove it from the locating hole as Fig 26/27 shows.

The controller unit can easily be adjusted to different positions in order to meet user's demand. To adjust it, loosen the knob and move the mounting tube to the desired position then tighten the screws as Fig 24/25 shows.

The armrests can be unlocked and pivoted to the rear of the chair frame to assist in patient transfers.



Height adjustable armrest w/DL controller

Fig 24



Controller position adjustable

Fig 25



Adjustable forward and backward

Fig 26 and 27



Fig 29



WARNING !

Replace worn or torn fabric immediately. Failure to do so may result in a fall and cause severe injury to you.

Seat

All Alero power wheelchairs feature seat upholstery that can be tensioned. While there should be no adjustment necessary upon delivery of your new chair, over time stretch of the upholstery could occur. To re-tension the upholstery you must first remove all the locating screws and washers from the chair seat rail on the side where the adjusting hook and pile is located. Slide out the aluminium pinch strip and adjust the hook and pile to increase the upholstery tension. Replace the pinch strip and use a punch or a similar tool, insert the tip through the pinch strip and into a center riv-nut. Adjust the upholstery into position and secure a locating screw. If abnormal pressure is required to align the locating screws then remove the upholstery and readjust the hook and pile. Repeat this operation until all the locating screws are in position. See Fig 29

*PUNCH TOOL NEEDED

WARNING !

Replace worn or torn fabric immediately. Failure to do so may cause severe injury.

Footrest

The Alero comes standard with equipment for swing-away & detachable footrests and foot-plates, which are height adjustable. To adjust the height, remove the securing screws and nuts from each side and slide the extension tube and foot plate up or down to the desired height. Retighten the securing hardware as Fig 36 shows.

WARNING ! Never lift the wheelchair by the footrests. These parts are detachable and will not bear the weight of this chair. Lift this chair **ONLY** by non-detachable parts of the main frame.

Fig. 32



Fig. 36



Rear wheel fixing screw must be tightened by 1000 KGF.CM torsion

Wheel Locks

Wheel locks are fitted to both drive wheels. Wheel locks should be engaged whenever a transfer is made and / or when the wheelchair is stationary.

1. To apply the wheel locks push the hand lever downward as Fig 39 shows.
2. To release the wheel locks pull the hand lever upward as Fig 38 shows.
3. DO NOT use the wheel locks to slow the wheelchair while descending an incline.
4. Wheel locks can be adjusted as tire wear increases. To adjust, loosen the frame mounting clamp and slide the wheel lock upward. Retighten the clamp while wheel lock engages to correct position. Your dealer can assist with adjustments you may need.

Fig 38



To release wheel lock

Fig 39



To apply wheel lock

Backrest

The backrest is adjustable by removing the four backrest cane securing screws and selecting the required new height. The backrest canes are predrilled as Fig. 32 shows.

Safe driving techniques

Driving your Power Wheelchair

Before sitting in your Alero insure that:

1. The Power wheelchair is switched off.
2. The wheel locks are engaged.
3. Be certain motor freewheel levers are in the “engaged” position (see pg. 11)
4. The battery charger is disconnected

After transferring make sure that you are comfortably positioned and that the leg rests and armrests have been adjusted to suit your needs. The position of the joystick should be easy to reach so as to eliminate muscle fatigue during driving.

TO COMMENCE

1. Set the speed control of the chair to **SLOW** as Fig 40 shows.
2. Release the wheel locks.
3. Press the “on / off ” switch.
4. Allow two seconds to elapse before engaging the joystick. This is a safety feature to prevent sudden starts.
5. Push the joystick gently forward applying a steady even pressure. The further you push the joystick, the faster the chair will go. The chair will stop when you return the joystick to the neutral or vertical position.
6. Directional control is achieved by gently moving the joystick in the direction you wish to go. Pull back to reverse.
7. The controller can be programmed to give you the best feel for all driving situations and only needs a light touch to respond.

In the case of an emergency and to stop the Alero from moving, let the joystick go and the chair will come to a stop.

Fig 40



Fig 40 DL Joystick.

Safe Driving

1. Never drive at a speed greater than your ability to safely control your chair. Remember that wet or loose surfaces need greater care and control.
2. Always turn the chair off and engage the wheel locks when transferring or while the chair is stationary for long periods.
3. Avoid jerky stop / start motions as this will result in excessive current draw from the batteries, increased tire wear and the rapid wearing of the gearbox and motors.
4. Keep your chair clean from sand and salt water.

Indoor / Outdoor Driving

When driving indoors keep the level of speed to a minimum to avoid the risk of collision.

For outdoor driving be wary of wet surfaces, loose sand, large curbs and potholes. A little practice will ensure you understand the capabilities of your chair and enable you to overcome the most common obstacles while operating the Alero.

If operating your chair on the roads please check with your local transportation law enforcement regarding necessary identification and safety devices such as reflectors.

Chair Operation on surfaces that require Special Care

When driving up or down ramps it is recommended that the user:

1. Visually checks to see if the angle of the slope is less than 6°.
2. Checks to see that the ramp surface has GRIP to prevent slippage.
3. Ensures that the ramp surface is correctly in line with the tires and is wide enough to allow the tires to pass freely along the ramp.

If the ramp meets these conditions, it is recommended that the user drives the wheelchair slowly up or down the ramp, ensuring that the chair is driven in the center of the ramp. If possible, have an assistant monitor the chairs' progress, and prevent tipping of the chair by holding the push handles at the back of the seat.

If the ramp does not meet these conditions, it is recommended that alternative methods for climbing and descending be found.

Chair Response

Should the chairs' response not be to your satisfaction, ask your Dealer to adjust the programming to a level at which you are comfortable. This programming can be altered at anytime to either increase the response rates in line with your improved motor skills or to lower the rates to level at which you feel comfortable and in control.

Curbs

For power chairs with micro cellular (hard) front tyres it is recommended that before the user attempts to climb or descend a curb that the user visually checks the height of the curb to ensure that it does not exceed 1 ½" in height.

If the curb height is less than 1 ½", the user should approach the curb at right angles to the curb line at a slow speed, climb or descend the curb slowly so as to keep the chair under control. If climbing the curb the user may find it easier to reverse the chair up the curb.

If the curb height is greater than 1 ½", it is not recommended that the user climb or descend the curb. Should there be any doubt an assistant should be called to supervise the operation.

Steep Slopes

When the power wheelchair is to be operated up and down steep slopes, it is recommended that the user:

1. Visually checks to see if the angle of the slope is less than 6 degrees.
2. Checks that the slope surface is roughened to prevent slippage.

If the slope meets these conditions, it is recommended that the user approaches the slope at a slow speed, keeping the chair under control at all times. It may be preferable to track across the slope so as to decrease the steepness of the descent providing that the surface of the slope is wide enough and suitable to prevent slippage.

If possible have an assistant monitor the chairs' progress, and prevent tipping by holding the push handles at the back of the chair.

WARNING : If the slope does not meet these conditions, it is recommended that the user does not climb or descend the slope.

Batteries and Charging

When your batteries are fully charged you should have sufficient power to give you all the mobility required in a day - It is important that you understand how your batteries and charger work.

Battery Maintenance

First, determine which batteries are fitted to your chair - “wet cell” or “dry, maintenance free” type. If they are wet cell type, we recommend that you check the battery water level once a week and top up, if necessary, with distilled water after charging, to cover the separator plates by 6mm (1/4”), no more.

If the batteries are the dry cell type there is no maintenance required.

Charging the Batteries

1. Batteries should be charged every night in a well ventilated room.
 2. DO NOT place the power wheelchair near radiators or open fireplaces while charging.
 3. DO NOT smoke or permit open flames in the immediate area.
 4. Turn the chair controller power off before charging.
 5. It is advisable that the batteries be charged for a minimum of 10 hours per night to ensure a full return to the batteries storage capacity. The battery charger is an automatic current limiting device and will shut off when the batteries are fully charged.
- Charging the batteries
1. Position Alero GP-50 power chair next to a standard wall outlet.
 2. Connect the battery charger to a standard wall outlet and switch the charger
 3. Switch the power button to the on position.

If your wheelchair is fitted with a “unitary” controller (i.e. one that has the joystick fitted to the controller), then the battery-charging socket will be on the rear of the controller.

- During the recharge:
 1. While the batteries are being recharged, a red and amber light will appear on the battery charger, indicating that the power is connected and charging is in progress.

- At the end of the recharge cycle:
 1. The amber light will change to a green light. This indicates that the batteries are fully charged and ready for use.
 2. The battery charge level indicator on the controller should also show a full charge when batteries are charged & power is switched on.

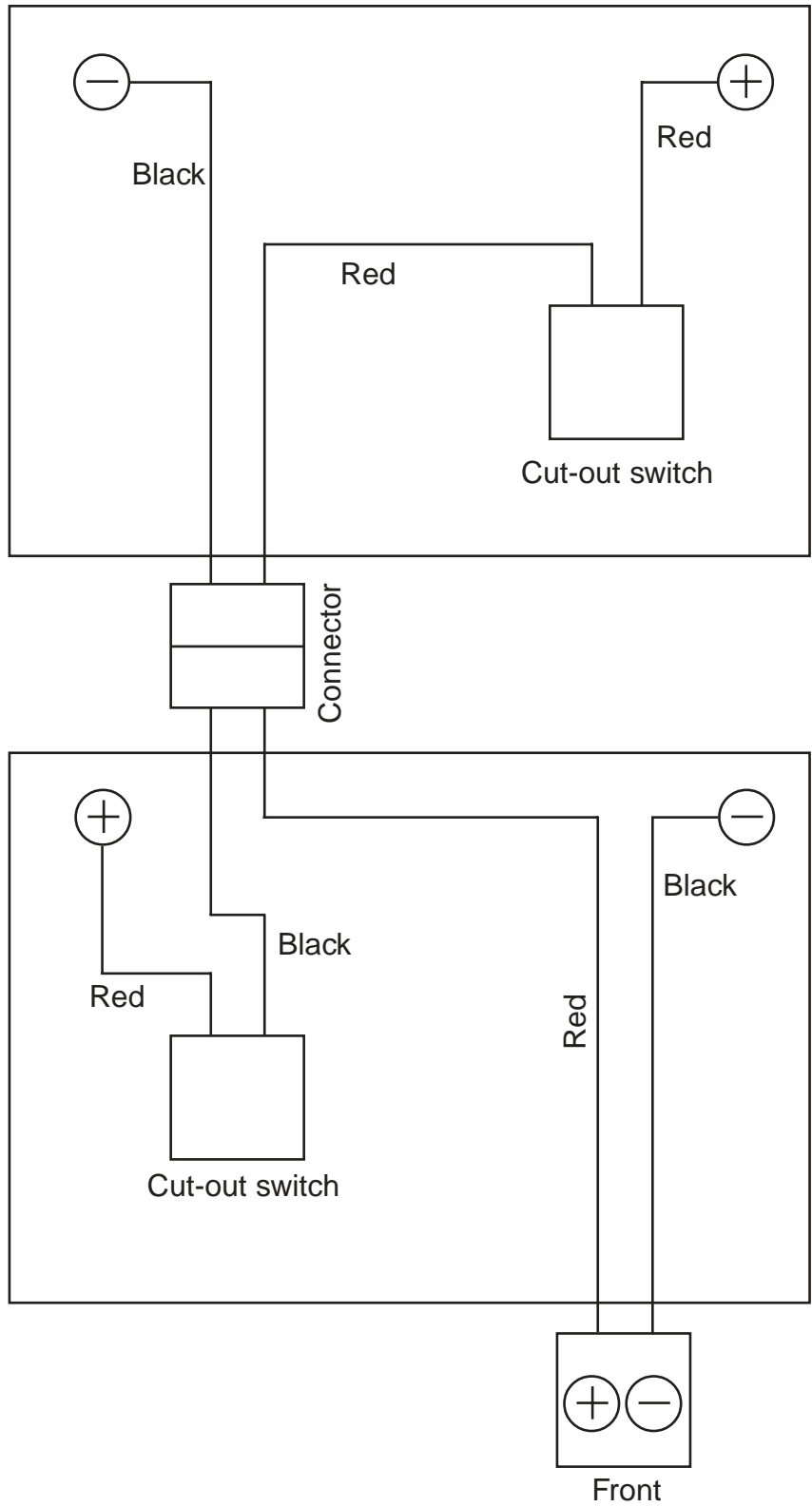
When do the batteries need recharging ?

When the batteries fall below 80% of the maximum charge level, the “on / off” lamp on the controller will flash. This indicates that while you have some reserve power, the batteries should be recharged.

Note:

1. Do not use batteries other than the recommended type for your chair and never use a charger other than the one supplied for the purpose.
2. If the chair is not used for a long period of time (e.g., school holidays, hospitalisation, or when vacationing) arrange to have the batteries charged for at least one day (10 hours) every month, minimum.
3. Periodically, check that the battery terminals are clean and the connections are tight. Smear a thin film of petroleum jelly on the terminals to guard against corrosion. Always wash your hands after handling batteries.

Battery Connections



Replacing the batteries

CAUTION ! - if you have doubts about your ability to lift any components, it is recommended that you seek assistance so as to avoid injury.

1. Turn the power off .
2. Disconnect the battery connection plug at the front of the battery tray.
3. Release the securing belt holding the battery box.
4. Disconnect the battery connection cables located in the battery box.
5. Lift the rear battery out of the battery box by using the lifting strap.
6. Slide the front battery to the rear of the battery box and remove the battery as in step 4.
7. Undo the terminal lugs, noting the polarity of the lugs. Remove the wiring loom.
8. Repeat step 6 for the other battery.
9. Inspect the terminals on the wiring loom and the lugs on the replacement batteries to make sure they are clean. If they are not, clean with a warm solution of bicarbonate of soda (one teaspoon) and water (approximately five litres). It is important that you wash your hands afterwards.
10. Connect the terminal lugs on the wiring loom to the new batteries, observing the polarity of the lugs as noted before.
11. Place the new batteries back into the battery box and rejoin the connectors.
12. Replace the battery box lid and secure the retaining belt.
13. Reconnect the power cable.

For maximum performance it is recommended that you replace both batteries at the same time.

Contact your local Dealer for assistance

Tires

Tires are solid, flat free tires

- * **Front wheels** : GP-50 come with 7.8" x 2" flat free tires
- * **Rear wheels** : GP-50 come with 12-1/2" x 2-1/4" flat free tires

Follow these easy steps for a quick and safe repair:

1. Use a ratchet and socket to remove the drive wheel screw from the center hub of the wheel. See Fig 41.
2. Pull the wheel off of the axle.
3. Separate the tire from the rim.
4. Remove the tire and replace it with a new tire.
5. Slide the wheel back onto the shaft.
6. Install the drive wheel nut into the center hub and tighten.

Fig 41 Rear drive wheel Screw removal



Rear wheel fixing screw must be tightened by 1000 KGF.CM torsion.

Maintenance, Cleaning & Fault finding

An electric wheelchair needs some basic attention to ensure it provides reliable service. We recommend that the user ensure that the power wheelchair is checked regularly for maintenance requirements and receives a thorough annual maintenance check up.

We recommend that the chair have at least one full service from an authorized dealer once a year. If you notice an irregular aspect of your chair, phone your nearest authorized dealer for assistance. They will advise if the chair should be returned for repairs. If the chair is to be returned, they will advise on the availability of replacement units, and the required method of packing and shipping.

Annual Maintenance

We recommend that the chair have at least one full service per year from an authorized Dealer. This helps ensure your power chair is functioning properly and helps prevent future complications. This should include:

1. Checking the tires.
2. Checking the batteries and terminals.
3. Checking the controller programmer for the user's needs.
4. Checking the wheelchair frame.
5. Checking the upholstery condition.

Regular Maintenance and Cleaning

1. Avoid knocking or bumping the controller, especially the joystick.
2. Avoid prolonged exposure of your power chair to extreme conditions, such as heat, cold, or moisture.
3. Keep the controller clean.
4. Check all controller connectors are tight and secured properly.
5. Never hose off your power chair or place it in direct contact with water.
6. Keep the upholstery and frame clean by wiping with a soft cloth, particularly after driving through wet, sandy or muddy conditions. Do not use harsh abrasive materials when cleaning. Do not apply liquid cleaners or solvents directly to the control box, battery charger or any electrical connections.

7. Keep wheels free from lint, hair, sand and carpet fibers.
8. Lightly oil axle pin, wheel axles and bearings once every three months.
9. Use only recommended batteries and have batteries changed only by Qualified Dealers.
10. Charge batteries regularly. Make sure the charger lead plugs are engaged properly in the sockets. Do not disconnect by pulling the cord.
11. With the controller turned off, check the joystick. Make sure it is not bent or damaged and that it returns to center when you release it. Check the rubber boot around the base of the joystick for damage. Visually inspect the boot. Do not handle or try to repair it. See authorized dealer if there is any problem.
12. Visually inspect the controller harnesses. Make sure that they are not frayed or cut or have any wires exposed. See authorized dealers if there is a problem with any of these harnesses.
13. Ensure that all parts of the controller system are securely fastened to your Alero. Do not over tighten any screws.

Storage

Your wheelchair should be stored in a dry place free from temperature extremes. When storing, disconnect the batteries from the power chair. See "Batteries and Charging" in this manual. If you fail to store the unit under the above conditions, the frame can rust, and the electronics can be damaged.

FAULT FINDING CHECK LIST

Problem: The controller light flashes.

Action: If the lamp flashes immediately when the power is switched on and the joystick is engaged, switch the power off, wait a few seconds, then switch on again. Wait for two seconds before engaging the joystick.

Problem: The controller lamp flashes slowly while driving.

Action: The slow flashing means that the battery charge level is low and should be placed on charge as soon as possible.

Problem: The controller lamp flashes continuously and the chair will not operate.

Action: The continuous flashing of the lamp means there may be a major problem. Switch the power off, disengage the wheel clutches and seek assistance. Contact your Dealer and advise of the problem.

Problem: The red light on the battery charger fails to illuminate when the power is connected to it.

Action: Check that all the leads have been properly connected and the main power is turned on. If this doesn't cause the red light on the charger to illuminate, turn the main power off, disconnect the lead from the main to the battery charger. Contact your Dealer and advise of the problem.

Problem: The chair is difficult to steer.

Action: First, check the tires are in proper positions. Second, check to see if both the clutches are engaged correctly.

Note :

If you detect that there are problems with the motors, the battery charger, the controller or damage to the power wheelchair frame, it is recommended that you contact the nearest Authorized Service Agent.

If you notice any other irregular aspect of your chair or if it fails to respond after making some of the above inspections, phone your nearest Authorized Service Agent. They will advise if the power wheelchair should be returned for repairs. If the chair is to be returned, they will advise on the availability of replacement units, and the required method of packing and shipping.

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Limited Warranty

This is to certify that the Golden Technologies' Alero GP-50 power wheelchair Series is guaranteed against defects in materials and workmanship and free of fault, wear and tear excluded, as follows:

- ◆ There is a ONE YEAR limited warranty from the date of purchase for any of below parts found. This warranty does not include “normal” wear to any part of this product.
 - Electric motors and battery charger
 - Micro processor controller
 - Foot rigging
 - Manual brakes and hardware
 - Armrests
 - Cross braces
 - Backrest canes

Warranty exceptions

The commutator of the motor is not warranted if the damage is caused by not replacing the motor brushes after heavy wear to the brushes. Motor brushes are wear items and are not warranted.

- ◆ The chair side frames are guaranteed for a period of FIVE YEARS from date of purchase.

- ◆ **Warranty exclusions:**
 - Batteries
 - Tires
 - Upholstery and seating
 - Repairs and/or modifications made to any part without specific prior Written consent from Golden Technologies, Inc.
 - Circumstances beyond the control of Golden Technologies, Inc.
 - Labor, service calls, shipping, and other charges incurred for repair of the product unless specifically by an authorized dealer.

Damage caused by :

- Battery fluid spillage or leakage
- Abuse, misuse, accident, or negligence
- Improper operation, maintenance, or storage
- Commercial use, or use other than normal

◆ **This warranty is subject to the following conditions:**

- This warranty is extended only to the original purchase/user of Golden Technologies, Inc. products.
- The Company will not accept responsibility if the fault was caused by misuse or failure to observe the instructions in the User's Manual.
- If a fault develops, it is the responsibility of the owner to immediately notify the company or the Distributor from whom the chair was purchased.
- All costs associated with the freight of the chair or any faulty components are the responsibility of the owner.
- Labor charge incurred in the installation or repair of the above mentioned parts plus all freight charges are not included in the warranty
- Any parts found to be defective due to faulty workmanship and / or materials may be replaced or repaired at the Company's discretion without charge to the owner of the chair.
- The warranty will be void if any unauthorized repair service or parts alteration has been made.
- The company will not warrant the frame or any parts damaged when the maximum weight limit of 250 lbs is exceeded.

NOTICE :

The information and specification of Alero GP-50 contained in this User's Manual is subject to change without prior notice.

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Please fill out & mail registration form, next page.

Alero Warranty Registration

Please type or print.

Serial # _____	Date Purchased _____
Owner Name _____	
Address _____	
City _____	State _____ Zip _____

Optional Information (Used for Marketing Information)

Height _____	Weight _____	Age _____
Sex _____	Physical Limitations _____	

If you're satisfied with your Alero, let us help other family members and friends. Please fill in the following. (Please type or print.)

Name _____
Address _____
City _____ State _____ Zip _____

Failure to return warranty registration card could result in significant delays in obtaining service.

Additional Required Owner Information

Please indicate your understanding of your Alero by completing the following information.

_____ I have read and fully understand:

_____ Owners Manual, especially sections on operating instructions, safety guidelines, maintenance and battery instructions.*

_____ Alero 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.

_____ My dealer has instructed me on how to operate my Alero.

Signature _____ **Dealer Name** _____

Telephone (_____) _____ **Dealer Phone** _____

e-mail address _____

Comments _____



FOLD HERE FIRST

*PLACE
STAMP
HERE*



401 BRIDGE ST
OLD FORGE PA 18518

FOLD HERE SECOND

SEAL WITH TAPE. DO NOT STAPLE



