

Go-Chair



OWNER'S MANUAL

Pride[®]
Mobility Products
Australia Pty. Ltd.
www.pridemobility.com

20-24 Apollo Drive Hallam, Victoria 3803 Australia

SAFETY GUIDELINES



WARNING! An authorised Pride Provider or a qualified technician must perform the initial setup of this travel chair and must perform all of the procedures in this manual.

The symbols below are used throughout this owner's manual and on the Go-Chair to identify warnings and important information. It is very important for you to read them and understand them completely.



WARNING! Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage, or malfunction. On the product, this icon is represented as a black symbol on a yellow triangle with a black border.



MANDATORY! These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol on a blue dot with a white border.



PROHIBITED! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a black symbol with a red circle and red slash.

INTENDED USE

The intended use of the Pride Mobility Products device is to provide mobility to persons limited to a seated position that have the capability of operating a powered wheelchair.

Quick Reference Information:

Authorised Pride Provider: _____
Address: _____
Phone Number: _____
Purchase Date: _____

NOTE: This owner's manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased. The latest/current version of this manual is available on our website.

NOTE: This product is compliant with WEEE, RoHS and REACH directives and requirements.

This product is manufactured by:
Pride Mobility Products Corporation
182 Susquehanna Avenue
Exeter, PA 18643-2694

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I. INTRODUCTION

SAFETY

WELCOME to Pride Mobility Products (Pride). The travel chair you have purchased combines state-of-the-art components with **safety**, comfort, and styling in mind. We are confident that these design features will provide you with the conveniences you expect during your daily activities. Once you understand how to **safely** operate and care for your travel chair, it should give you years of trouble free operation and service.

Read and follow all instructions, warnings, and notes in this manual before attempting to operate your travel chair for the first time. You must also read all instructions, warnings, and notes contained in any supplemental instructional booklets for the controller that accompanied your travel chair before initial operation. Your **safety** depends upon you, as well as your provider, caretaker, or healthcare professional in using good judgement.

If there is any information in this manual which you do not understand, or if you require additional assistance for setup or operation, please contact your authorised Pride Provider. **Failure to follow the instructions in this manual and those located on your travel chair can lead to personal injury and/or damage to the travel chair, including voiding the warranty.**

PURCHASER'S AGREEMENT

By accepting delivery of this product, you promise that you will not change, alter, or modify this product or remove or render inoperable or unsafe any guards, shields, or other safety features of this product; fail, refuse, or neglect to install any retrofit kits from time to time provided by Pride to enhance or preserve the safe use of this product.

SHIPPING AND DELIVERY

Before using your travel chair, make sure your delivery is complete as some components may be individually packaged. If you do not receive a complete delivery, please contact your authorised Pride Provider immediately. Where damage has occurred during transport, either to the packaging or content, please contact the delivery company responsible.

INFORMATION EXCHANGE

We want to hear your questions, comments, and suggestions about this manual. We would also like to hear about the safety and reliability of your new travel chair, and about the service you received from your authorised Pride Provider.

Please notify us of any change of address, so we can keep you apprised of important information about safety, new products, and new options that can increase your ability to use and enjoy your travel chair. Please feel free to contact us at the address below:

Pride Mobility Products Australia Pty. Ltd.
20-24 Apollo Drive
Hallam, Victoria 3803
Australia

NOTE: If you ever lose or misplace your copy of this manual, contact us and we will be glad to send you a new one immediately.

II. SAFETY

PRODUCT SAFETY SYMBOLS

The symbols below are used on the travel chair to identify warnings, mandatory actions, and prohibited actions. It is very important for you to read and understand them completely.

NOTE: *There are more warnings identified and explained in the Consumer Safety Guide that is included with your travel chair. Please become familiar with all the warnings and safety information found in the Consumer Safety Guide and refer to this resource often.*



Read and follow the information in the owner's manual.



Locked and in drive mode.

Place unit on level ground and stand to one side when changing from drive mode to freewheel mode or freewheel mode to drive mode.

Unlocked and in freewheel mode.

II. SAFETY

GENERAL GUIDELINES



MANDATORY! Do not operate your new Go-Chair for the first time without completely reading and understanding this owner's manual.

Your Go-Chair is a state-of-the-art life-enhancement device designed to increase mobility. Pride provides an extensive variety of products to best fit the individual needs of the Go-Chair user. Please be aware that the final selection and purchasing decision regarding the type of travel chair to be used is the responsibility of the Go-Chair user, who is capable of making such a decision, and his/her healthcare professional (i.e., medical doctor, physical therapist, etc.).

The contents of this manual are based on the expectation that a mobility device expert has properly fitted the Go-Chair to the user and has assisted the prescribing healthcare professional and/or the authorised Pride Provider in the instruction process for the use of the product.

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

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

Below are some precautions, tips, and other safety considerations that will help you become accustomed to operating your Go-Chair safely.

Pre-Ride Safety Check

Get to know the feel of your Go-Chair and its capabilities. Pride recommends that you perform a safety check before each use to make sure your Go-Chair operates smoothly and safely.

Perform the following inspections prior to using your Go-Chair:

- Check for proper tyre inflation. Maintain but do not exceed the psi/bar/kPa air pressure rating indicated on each tyre if equipped with pneumatic tyres.
- Check all electrical connections. Make sure they are tight and not corroded.
- Check all controller connections to the power base. Make sure they are secured properly.
- Check the brakes. See VII. "Care and Maintenance."
- Check battery charge. See VI. "Batteries and Charging."
- Ensure the manual freewheel levers are in drive mode before sitting on the travel chair.

NOTE: If you discover a problem, contact your authorised Pride Provider for assistance.

III. YOUR GO-CHAIR

THE GO-CHAIR

The Go-Chair has two main assemblies: the seat assembly and the power base assembly. See **figure 1**. Typically, the seat assembly includes the armrests, seatback, and seat base. The power base assembly includes the two motors, two drive wheels, two caster wheels, two anti-tip wheels, two batteries, and a foot platform. See **figures 1 and 2**.

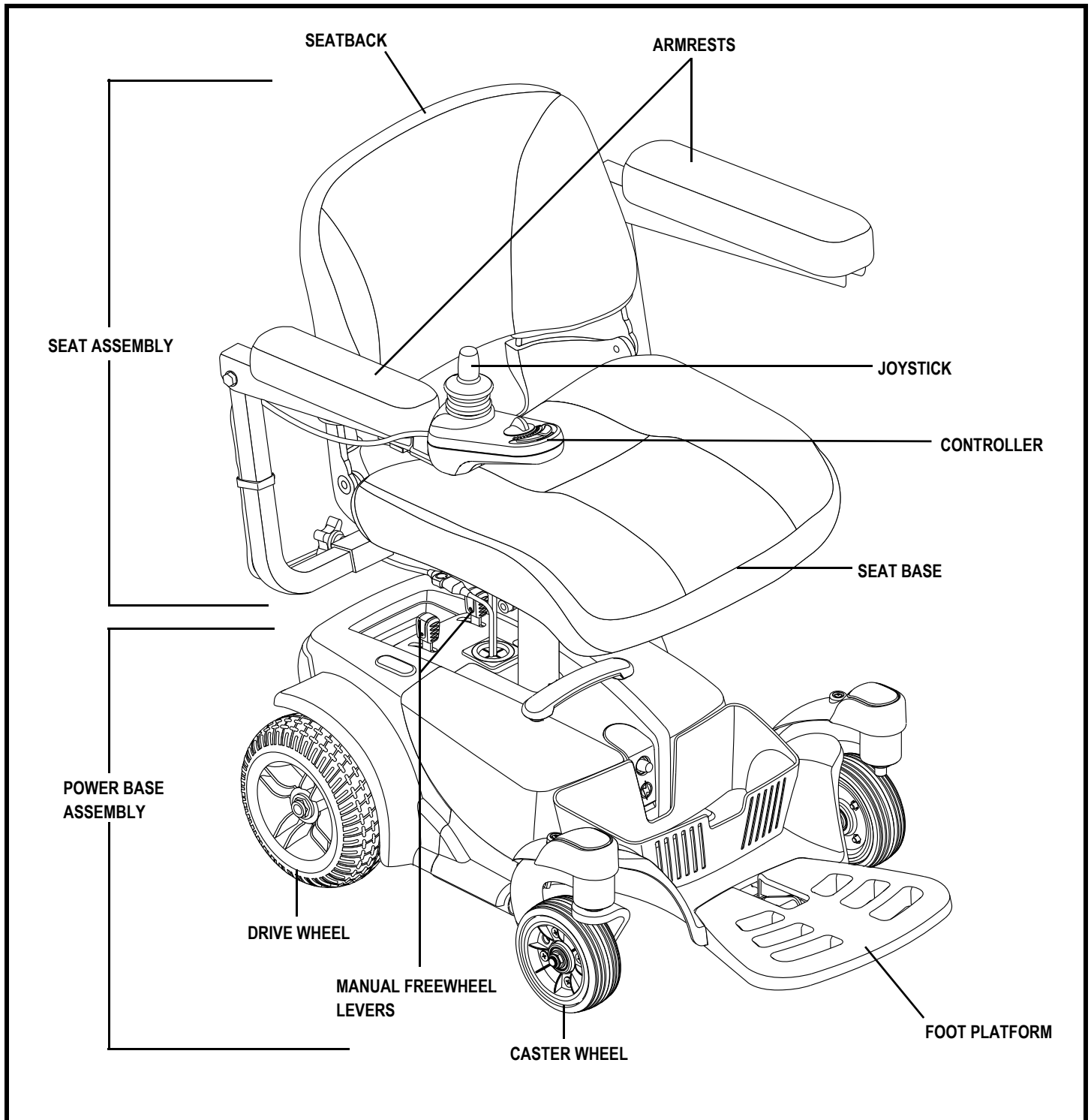


Figure 1. The Go-Chair

III. YOUR GO-CHAIR

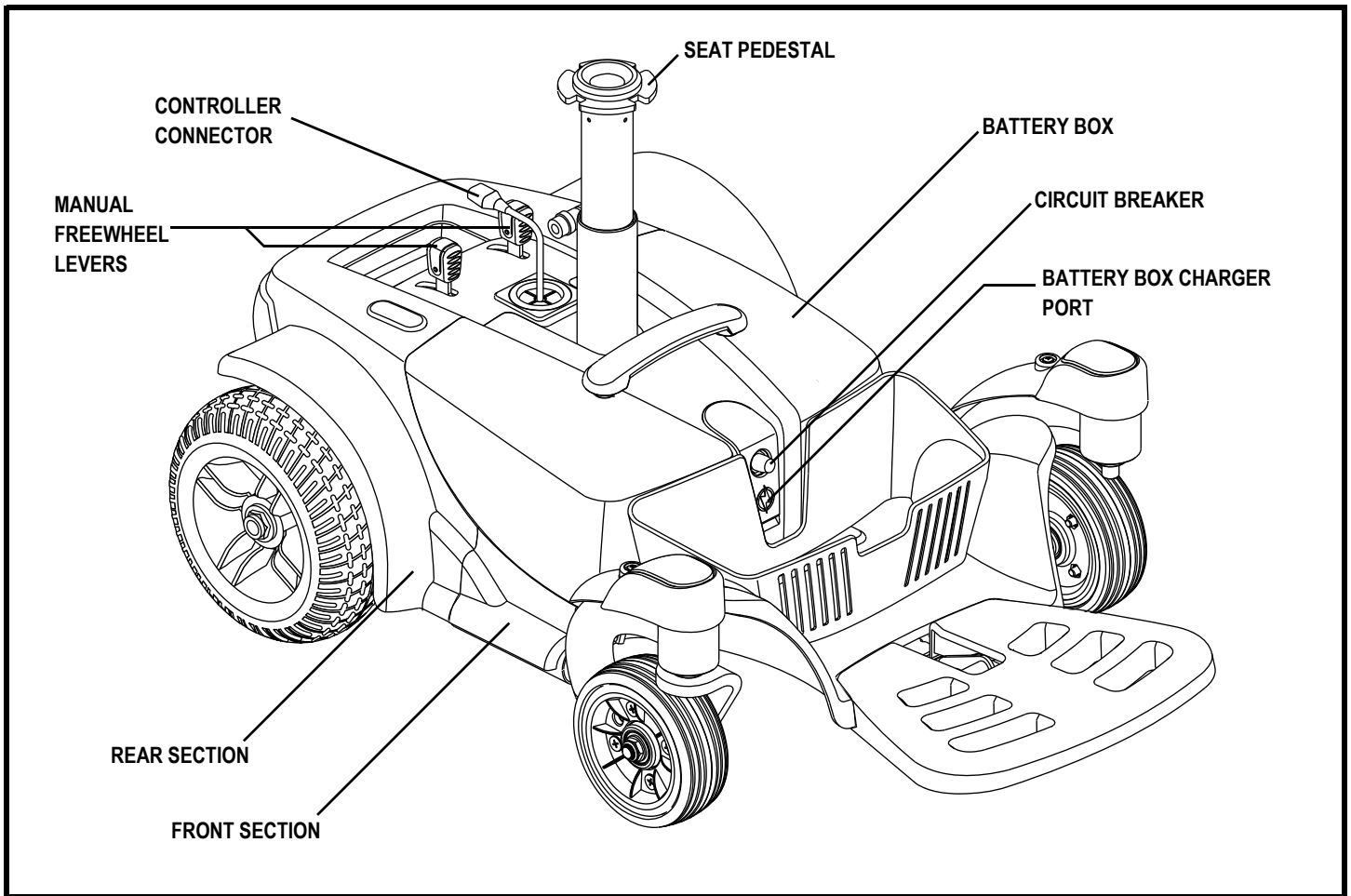


Figure 2. The Go-Chair Power Base

Electrical Components

The electrical components are located on the power base. The main circuit breaker is located on the front of the battery box. The controller connector is located on the back of the power base. **See figure 2.**

Controller Connector: This is where the controller connects to the power base. Each controller uses a different type of cable. Regardless of which type of controller is used, the cable must be secured to the assembly and not allowed to drag on the floor.

Battery Box Charger Port: This enables you to charge the batteries either on the unit or when the battery box is removed from the power base. See VI. “Batteries and Charging.”

Main Circuit Breaker: The main circuit breaker is a safety feature built into your Go-Chair. When the batteries and the motors are heavily strained (e.g., from excessive loads), the main circuit breaker trips to prevent damage to the motors and the electronics. If the circuit trips, allow your Go-Chair to “rest” for approximately one minute. Next, push in the circuit breaker button, turn on the controller, and continue normal operation. If the main circuit breaker continues to trip repeatedly, contact an authorised Pride Provider.

III. YOUR GO-CHAIR

Manual Freewheel Levers

For your convenience, your Go-Chair has a manual freewheel lever on each motor. Manual freewheel levers enable you to disable the drive system in order to maneuver the chair manually. This is called freewheel mode.



WARNING! Do not use the travel chair while the drive motors are disengaged! Do not disengage the drive motors when the travel chair is on an incline or decline, as the unit could roll on its own! Only engage the freewheel mode when on a level surface.



WARNING! It is important to remember that when your Go-Chair is in freewheel mode, the braking system is disengaged.

NOTE: The batteries will not charge in freewheel mode unless the battery box is removed from the power base.

NOTE: You must turn off the power before disabling the drive systems; otherwise, you may get an error code on the controller. To clear this code, turn off the controller and place the Go-Chair in drive mode. Then turn on the controller. The error message should be cleared. If not, contact an authorised Pride Provider.

To engage or disengage the drive system:

1. Locate the levers on the rear section of the power base. See figure 3.
2. Push the two levers forward to engage the drive motors (drive mode).
3. Pull the two levers rearward to disengage the drive motors (freewheel mode).

If a lever is difficult to move in either direction, rock your travel chair back and forth slightly. The lever should then move to the desired position.



WARNING! Do not use the freewheel lever handles as tie-down points to secure this product.

Anti-Tip Wheels

The anti-tip wheels are an integral and important safety feature of your Go-Chair. They are bolted to the frame at the rear of the chair. See figure 3.



PROHIBITED! Do not remove the anti-tip wheels or modify your travel chair in any way that is not authorised by Pride.

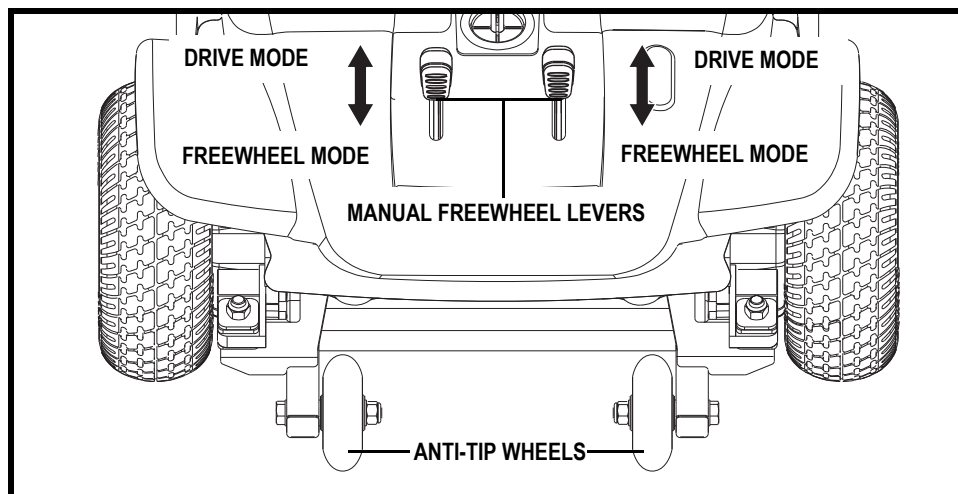


Figure 3. Back of Power Base

IV. ASSEMBLY/DISASSEMBLY

INITIAL ASSEMBLY

Your Go-Chair may require some assembly either before initial use or after transportation. It may also require disassembly to make some comfort adjustments. **Figure 4** details those parts of the Go-Chair that are designed to be disassembled and assembled by an end user or by a qualified carer before using the product or making comfort adjustments. There are two hex keys provided for use with controller installation and adjustment and foot platform adjustment.

NOTE: Any nylon insert lock nut removed during the disassembly or adjustment of the travel chair must be replaced with a new nut. Nylon insert lock nuts should not be reused as it may cause damage to the nylon insert, resulting in a less secure fit. Replacement nylon insert lock nuts are available at local hardware stores or through your authorised Pride Provider.

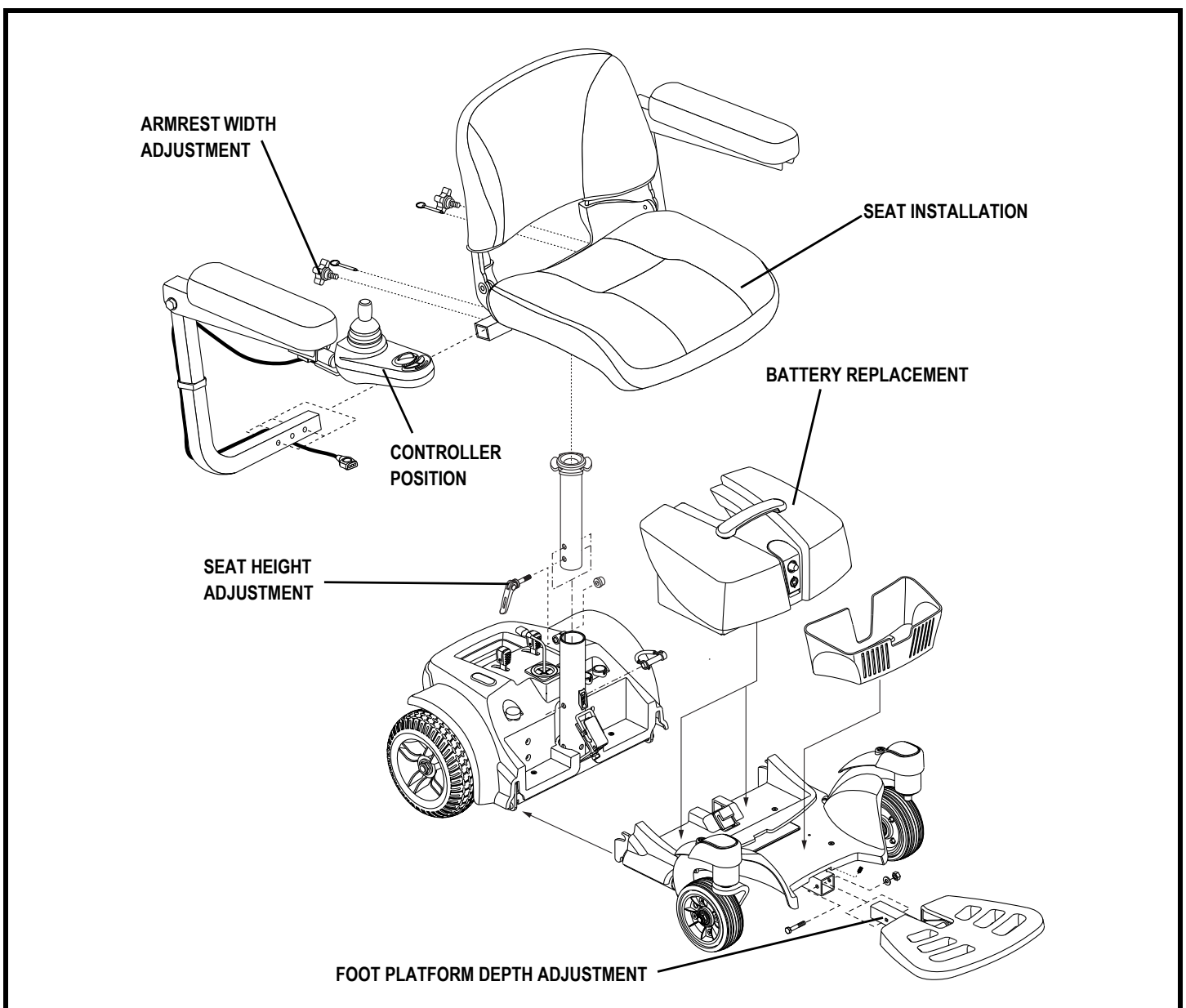


Figure 4. Go-Chair Assembly View

IV. ASSEMBLY/DISASSEMBLY

Seat Installation

It may be necessary to install the seat either prior to initial operation or after transporting your Go-Chair. The seat is attached to the power base by a height-adjustable seat pedestal.



WARNING! Do not pick up the seat frame by the armrests. They are free to pivot, and you may lose control of the seat if they do so.

To install the seat:

1. Adjust the seat height if necessary. See V. "Comfort Adjustments."
2. Set the seat onto the seat pedestal. See figure 5.
3. Install the controller into the armrest, and tighten the setscrew under the armrest.
4. Route the controller harness to the rear of the power base.
5. Plug the controller harness connector into the power base. See figure 5.
6. Secure the controller harness to the armrest with wire ties. See figure 5.



MANDATORY! Prevent controller harness damage! Avoid routing the controller harness on the outside of the armrest pad. Route the harness under the armrest or toward the inside of the armrest pad. Use correct tie-down points for the controller harness to prevent the harness from getting caught in the drive tyres, pinched in the seat frame, or damaged when passing through doorways.

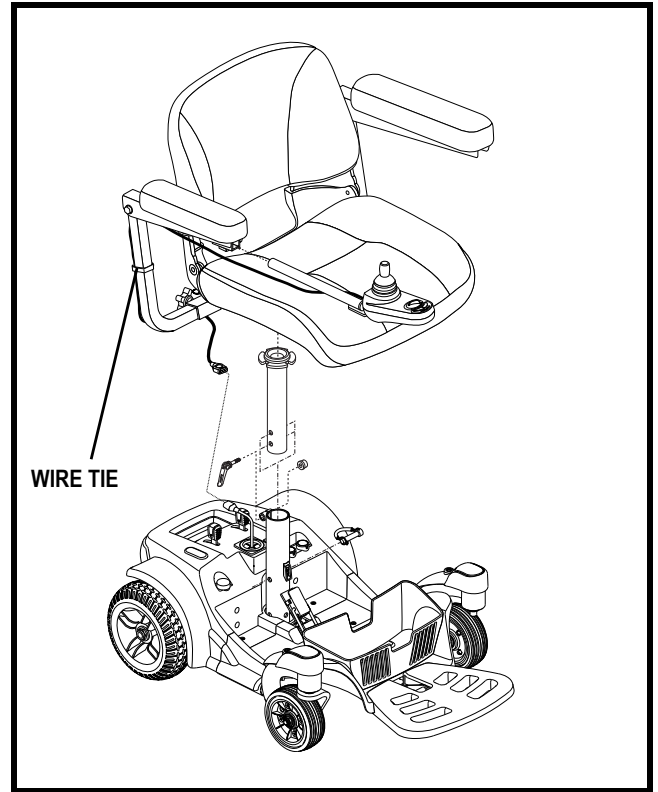


Figure 5. Seat Installation

IV. ASSEMBLY/DISASSEMBLY

Disassembly

The Go-Chair disassembles into four components: the seat, the battery box, the rear section of the power base, and the front section of the power base. See figure 6.

To disassemble the Go-Chair:

1. Turn off the power to the controller.
2. Place the Go-Chair in drive mode. See III. "Your Go-Chair."
3. Disconnect the controller from the power base.
4. Remove the seat.
5. Grasp the battery box handle and lift up to disengage the box from the power base, then tilt the box forward slightly and pull it away from the power base.
6. Push in the toggle latch release button while pulling forward on the toggle latch. See figure 7.
7. Rotate the toggle latch buckle over the top of the toggle latch until it snaps into its retainer. See figure 8.
8. Lift the front section up and off of the rear section.

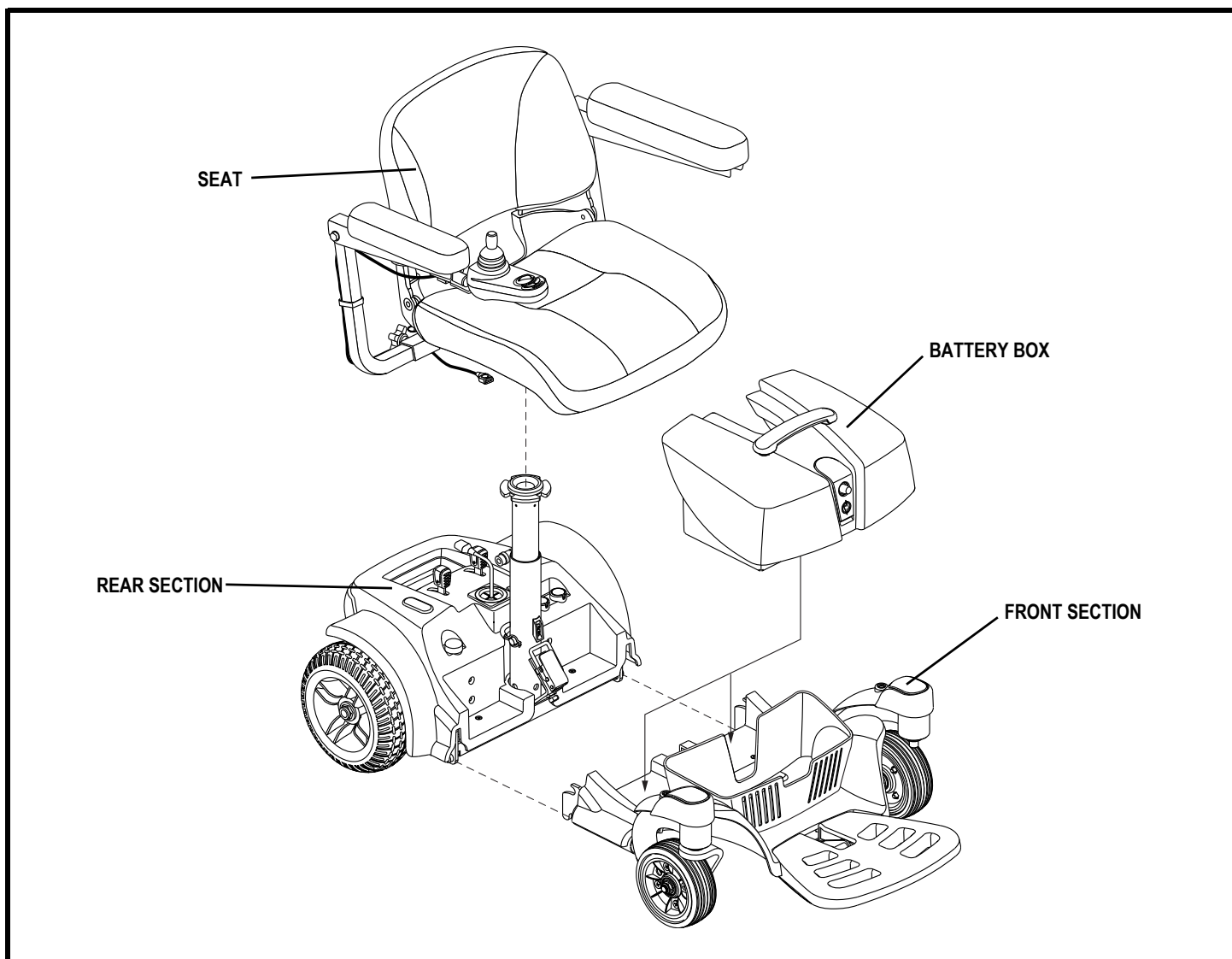


Figure 6. Go-Chair Components

IV. ASSEMBLY/DISASSEMBLY

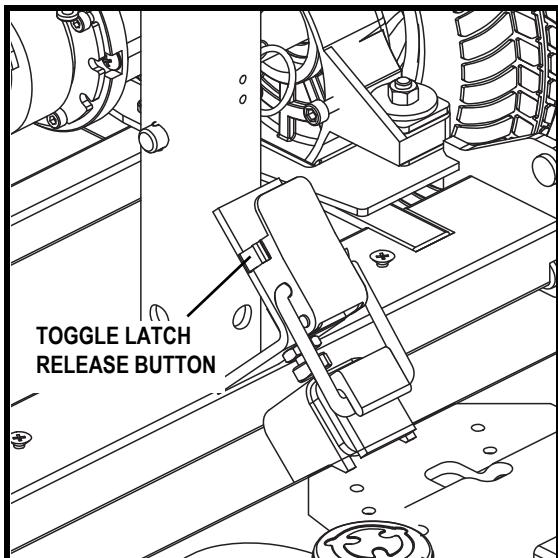


Figure 7. Toggle Latch Closed

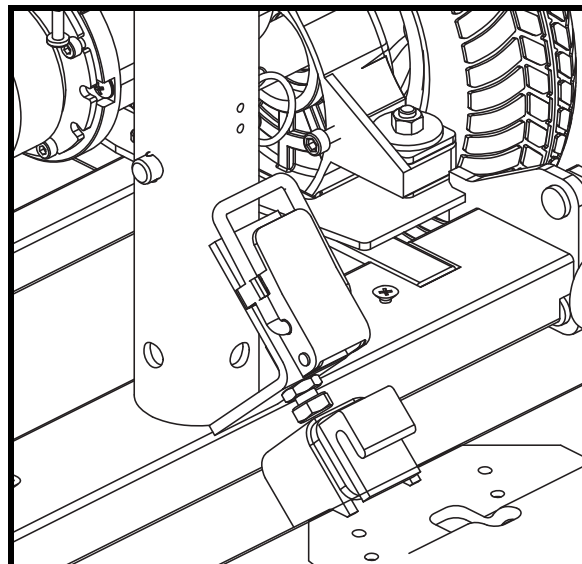


Figure 8. Toggle Latch Open

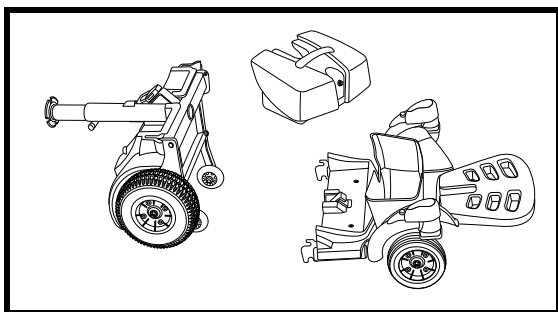


Figure 9. Rear Section Positioning

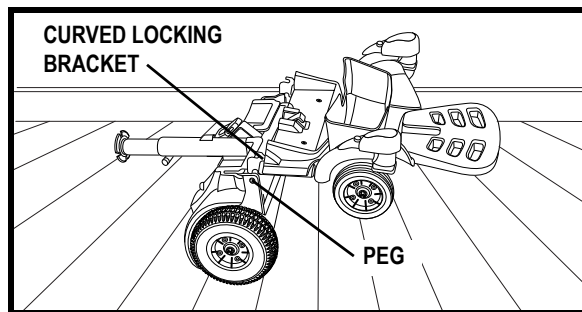


Figure 10. Align Frame Sections

Assembly

1. Tilt the Go-Chair rear section rearward onto the anti-tip wheels. See figure 9.
2. While holding the front section parallel to the floor, align the curved locking brackets on the front section with the corresponding pegs on the rear section. See figure 10.
3. Grasp the foot platform and lift the front section to a vertical position on the rear section. See figure 11.
4. Secure the toggle latch to the locked position. See figure 9.



WARNING! Ensure that the toggle latch buckle is securely fastened to the retainer before operating the Go-Chair.

5. Grasp the foot platform and lower the assembled frame sections to the floor.
6. With the battery box tilted forward slightly, place it on the power base, then push the back of the battery box down until it is firmly in place.
7. Install the seat and plug the controller into the power base. See figure 2.

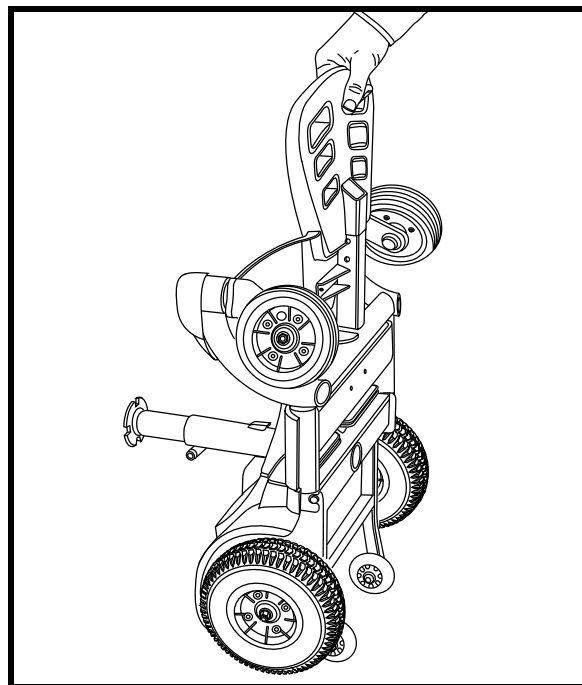


Figure 11. Lift Front Section

V. COMFORT ADJUSTMENTS

COMFORT ADJUSTMENTS

After becoming familiar with your travel chair's operation, you may find the need to make some adjustments to increase your comfort, such as seat height, armrest width, foot platform depth, and controller position. Use the steps below to make comfort adjustments.

WARNING! The centre of gravity of your travel chair was factory set to a position that meets the needs of the demographic majority of users. Your authorised Pride Provider has evaluated your travel chair and made any necessary adjustments to suit your specific requirements. Do not change your seating configuration without first contacting Pride Mobility Products or your authorised Pride Provider.



WARNING! Some travel chair components are heavy. You may need assistance to lift or carry them. Please refer to the specification table for specific component weights before you disassemble the travel chair.

WARNING! Remove the occupant from the Go-Chair before making any adjustments.

Seat Height Adjustment

You can adjust the seat to two different heights. Seat height adjustment requires the removal of the battery box.

To change the seat height:

1. Turn off the power to the controller.
2. Disconnect the controller from the power base.
3. Remove the seat.
4. Remove the battery box.
5. Loosen the quick release fastener. **See figure 12.**
6. Remove the clevis pin from the seat pedestal.
7. Reposition the seat pedestal to the desired height.
8. Reinstall the seat pedestal clevis pin.
9. Tighten the quick release fastener. **See figure 13.**
10. Reinstall the battery box.
11. Reinstall the seat.
12. Reconnect the controller to the power base.

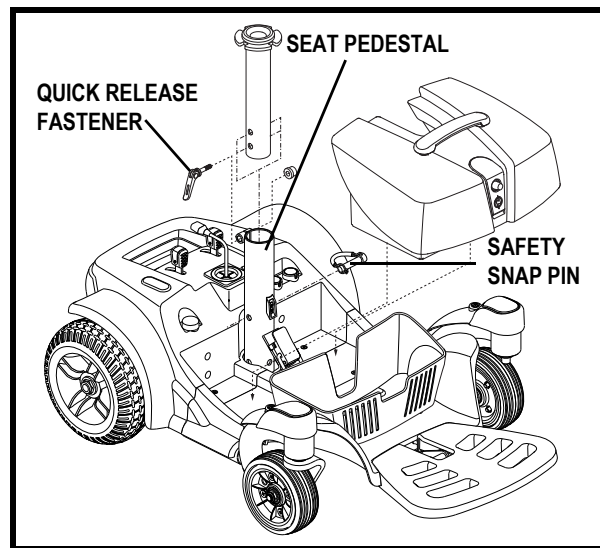


Figure 12. Seat Height Adjustment

Quick Release Fasteners

The quick release fastener removes excess play in the seat pedestal. **See figure 12.** The quick release fastener consists of a bolt, a lever, and a nut. **See figure 13.** The lever has a cam on the end that allows it to clamp into place. The quick release fastener has two states: clamped and unclamped. When the lever is open, the quick release fastener is unclamped. When the lever is closed, the quick release fastener is clamped.

To clamp the quick release fastener:

1. Make sure the lever is in the open position.
2. Turn the nut clockwise until it is snug.
3. Rotate the lever until it is in the fully closed position.

NOTE: If the lever will not rotate to the fully closed position, then turn the nut anticlockwise one-quarter or one-half turn.

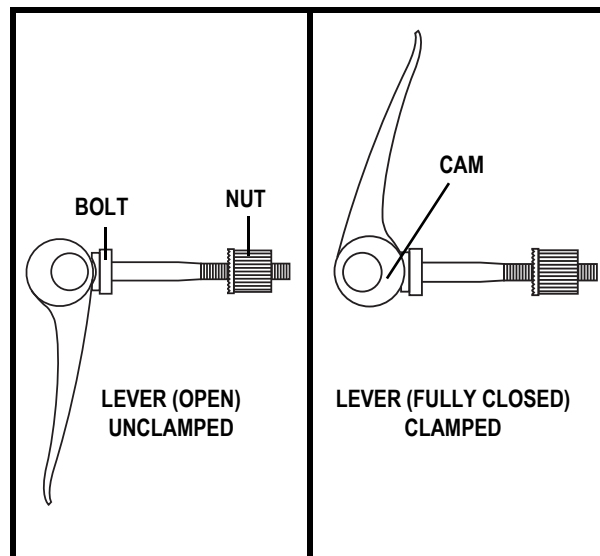


Figure 13. Quick Release Fastener Operation

V. COMFORT ADJUSTMENTS

Armrest Width Adjustment

You can change each armrest's width independently of the other.

NOTE: Changing the armrest width may increase the overall width of your Go-Chair.

To change the armrest width:

1. Locate the two armrest knobs on each side of the armrest receiver bracket. See figure 14.
2. Loosen the knobs.
3. Remove the detent pins.
4. Slide the armrests in or out to the desired width.
5. Reinstall the pins and tighten the knobs.

Foot Platform Depth Adjustment

To adjust the foot platform depth:

1. Remove the hardware from the foot platform bracket. See figure 15.
2. Move the foot platform in or out to the desired depth.
3. Reinstall the hardware into the foot platform bracket and tighten.

Controller Position

You can position the controller for either left-hand or right-hand use.



WARNING! Do not place the controller harness so that it can be pinched in the seat frame or the power base frame.

To change the controller position:

1. Turn off the power to the controller.
2. Unplug the controller from the power base.
3. Cut all wire ties securing the controller to the armrest.
4. Flip up the armrest and loosen the setscrew. See figure 16.
5. Slide the controller out of the armrest.
6. Loosen the setscrew in the other armrest.
7. Place the controller in the other armrest.
8. Tighten the setscrew in each armrest.
9. Use a wire tie to secure the controller to the armrest.
10. Plug the controller into the power base.

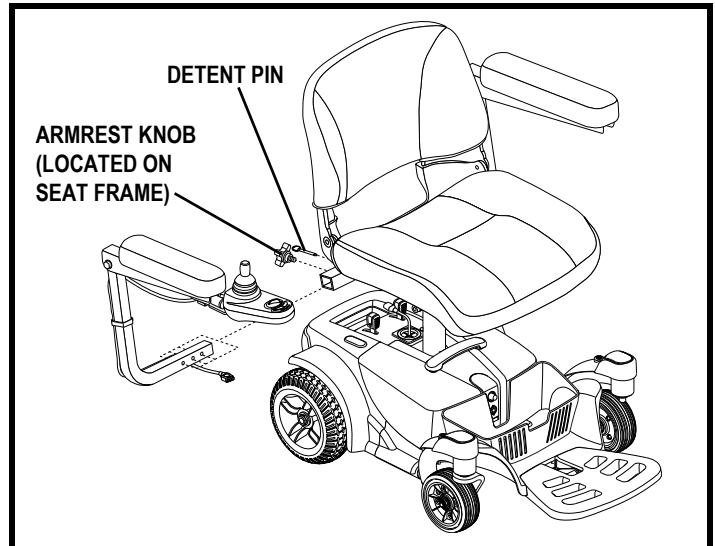


Figure 14. Armrest Width Adjustment

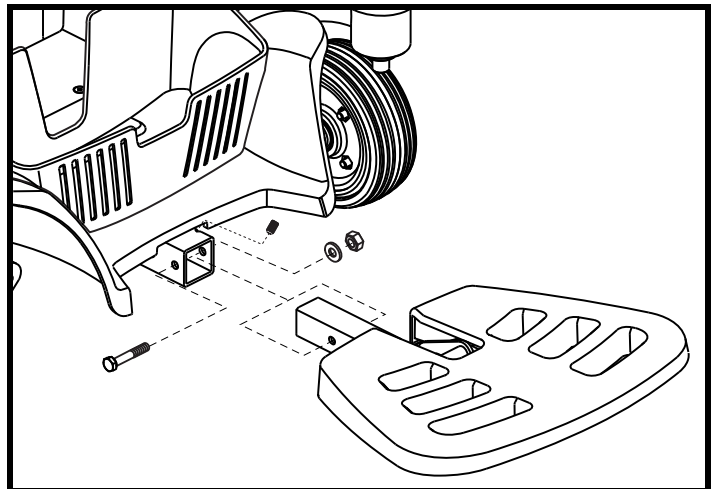


Figure 15. Foot Platform Depth

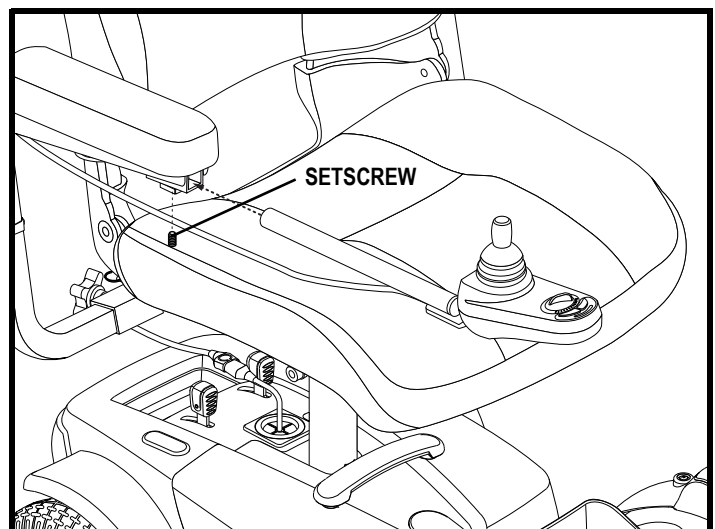


Figure 16. Controller Position

V. COMFORT ADJUSTMENTS

Positioning Belt

Your travel chair may be equipped with a positioning belt that can be adjusted for operator comfort. See **figure 17**. The positioning belt is designed to support the operator so that he/she does not slide down or forward in the seat. The positioning belt is not designed for use as a restraining device.



WARNING! The positioning belt should be secured at all times. Never allow the positioning belt to hang or drag on the floor as it may become entangled.

To install the positioning belt:

1. Remove the rearmost screw that holds the seat hinge to the seat base on both the left and right seat hinges.
2. Insert the screw through the supplied washer, through the positioning belt and into the seat base for each side of the travel chair seat.
3. Tighten both screws.

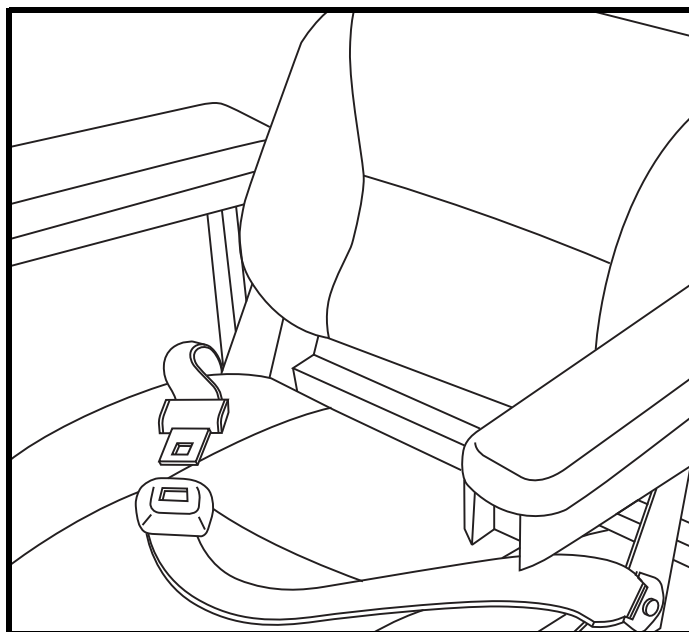


Figure 17. Positioning Belt Adjustment

To adjust the positioning belt for operator comfort:

1. Once seated, insert the metal tab on one side of the belt into the plastic housing on the opposite side until you hear a click. See **figure 17**.
2. Pull the excess strap attached to the metal tab until it is secure, but not so tight as to cause discomfort.

To release the positioning belt:

1. Press the push button mechanism on the plastic housing.



MANDATORY! Make sure the positioning belt is properly secured to the travel chair and is adjusted for operator comfort before each use.

MANDATORY! Inspect the positioning belt for loose parts or damage, including tears, worn spots, bent hardware, damaged latch mechanisms, dirt or debris, before each use of the travel chair. If you discover a problem, contact your authorised Pride Provider for maintenance and repair.

VI. BATTERIES AND CHARGING

BATTERIES AND CHARGING

The Go-Chair uses two long-lasting, 12-volt, deep-cycle batteries. These batteries are sealed and maintenance free. Since they are sealed, there is no need to check the electrolyte (fluid) level. Deep-cycle batteries are designed to handle a longer and deeper discharge. Though they are similar in appearance to automotive batteries, they are not interchangeable. Automotive batteries are not designed to handle a long, deep discharge, and also are unsafe for use in travel chairs.



MANDATORY! Battery posts, terminals, and related accessories contain lead and lead compounds. Wear goggles and gloves when handling batteries and wash hands after handling.



WARNING! Contact your authorised Pride Provider if you have any questions regarding the batteries in your travel chair.



PROHIBITED! Always use two batteries of the exact same type, chemistry, and amp-hour (Ah) capacity. Refer to the specifications table in this manual and in the manual supplied with the battery charger for recommended type and capacities.

Charging the Batteries

The battery charger is essential in providing long life for your Go-Chair batteries. It is designed to optimise your travel chair's performance by charging the batteries safely, quickly, and easily.



PROHIBITED! Removal of grounding prong can create electrical hazard. If necessary, properly install an approved 3-pronged adapter to an electrical outlet having 2-pronged plug access.



PROHIBITED! Never use an extension lead to plug in your battery charger. Plug the charger directly into a properly wired standard electrical outlet.



PROHIBITED! Do not allow unsupervised children to play near the Go-Chair while the batteries are charging. Pride recommends that you do not charge the batteries while the travel chair is occupied.



MANDATORY! Read the battery charging instructions in this manual and in the manual supplied with the battery charger before charging the batteries.



WARNING! Explosive gases may be generated while charging the batteries. Keep the Go-Chair and battery charger away from sources of ignition such as flames or sparks and provide adequate ventilation when charging the batteries.

WARNING! You must recharge your Go-Chair's batteries with the supplied off-board charger. Do not use an automotive-type battery charger.

WARNING! Inspect the battery charger, wiring, and connectors for damage before each use. Contact your authorised Pride Provider if damage is found.



WARNING! Do not attempt to open the battery charger case. If the battery charger does not appear to be working correctly, contact your authorised Pride Provider.

WARNING! Be aware that the battery charger case may become hot during charging. Avoid skin contact and do not place on surfaces that may be affected by the heat.

WARNING! If the battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots.



WARNING! If your battery charger has not been tested and approved for outdoor use, then do not expose it to adverse or extreme weather conditions. If the battery charger is exposed to adverse or extreme weather conditions, then it must be allowed to adjust to the difference in environmental conditions before use indoors. Refer to the manual supplied with the battery charger for more information.



VI. BATTERIES AND CHARGING

To charge the batteries using the off-board charger:

1. Position the front of your travel chair next to a standard electrical outlet.
2. Be certain the controller power is turned off.
3. Plug the off-board charger into the battery box charger port. See figure 18.

NOTE: The off-board charger connector can be inserted through a slot found on the back of the basket and located directly in front of the battery box.

4. Plug the off-board charger into the electrical outlet.



WARNING! The LED lights on the charger indicate different charger conditions at various times: charger power on, charging in progress and charging complete. If the LED does not indicate that charging is completed within 24 hours, unplug the charger from the outlet and contact your authorised Pride Provider. Refer to the manual supplied with the battery charger for a complete explanation of these indicators.

5. When the batteries are fully charged, disconnect the off-board charger from the electrical outlet and then from the battery box.

NOTE: The Go-Chair batteries can be charged when the battery box is removed from the power base.

To charge the batteries with the battery box removed from the power base:

1. Remove the battery box from the power base. See IV. "Assembly/Disassembly."
2. Position the battery box next to a standard electrical outlet. See figure 19.
3. Plug the off-board charger into the battery box charger port.
4. Plug the off-board charger into the electrical outlet.
5. When the batteries are fully charged, unplug the off-board charger from the electrical outlet and then from the battery box.
6. Reinstall the battery box to the power base.

To charge the batteries using the XLR off-board charger port:

1. Position the front of your Go-Chair next to a standard electrical outlet.
2. Be certain the controller power is turned off and the freewheel levers are in the engaged position. See III. "Your Go-Chair."
3. Plug the off-board charger into the XLR off-board charger port located on the controller. See figure 20.
4. Plug the off-board charger into the electrical outlet.
5. When the batteries are fully charged, unplug the off-board charger from the electrical outlet and then from the controller.

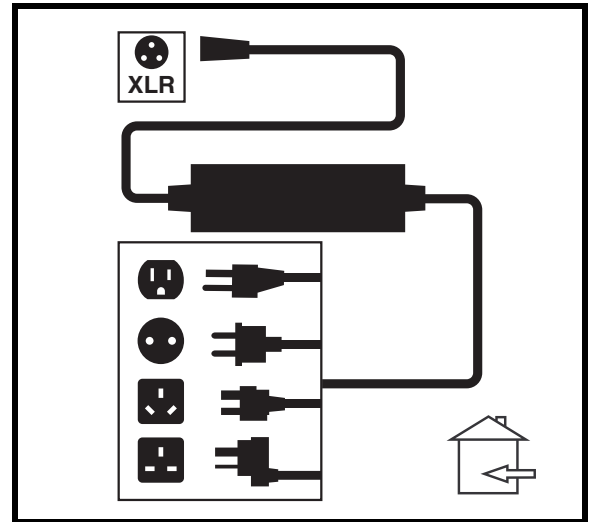


Figure 18. Battery Charging

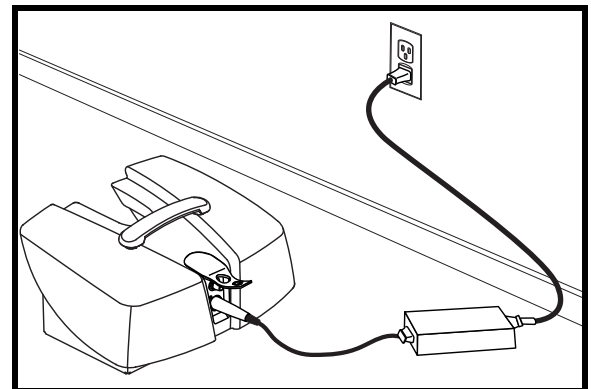


Figure 19. Battery Charging (Battery Box Removed)

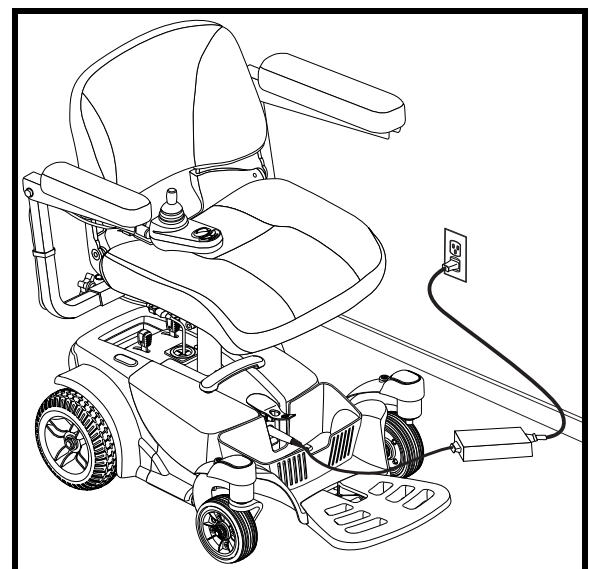


Figure 20. Battery Charging Through Controller

VI. BATTERIES AND CHARGING

Battery Break-in

To break in new batteries for maximum efficiency:

1. Fully recharge any new battery prior to its initial use. This brings the battery up to about 90% of its peak performance level.
2. Operate your Go-Chair throughout the house and grounds. Move slowly at first, and do not travel too far until you become accustomed to the controls and break in the batteries.
3. Give the batteries another full charge of at least 8 to 14 hours and operate your Go-Chair again. The batteries will now perform at over 90% of their potential.
4. After four or five charging cycles, the batteries will top off at 100% charge and last for an extended period.

FREQUENTLY ASKED QUESTIONS (FAQS)

How does the charger work?

The battery charger takes the standard electrical outlet voltage of (alternating current) and converts it to 24 VDC (direct current). The batteries use direct current to run your Go-Chair. When the battery voltage is low, the charger works harder to charge the battery. As the battery voltage approaches full charge, the charger does not work as hard to complete the charging cycle. When the battery is fully charged, the amperage from the charger is nearly at zero. This is how the charger maintains a charge but does not overcharge the battery.

Can I use a different battery charger?

You should use the charger supplied with the Go-Chair. It is the safest, most efficient tool to charge the batteries. We do not recommend using other types of chargers (e.g., an automotive battery charger).

NOTE: Your travel chair's charger will not operate after the batteries have been discharged to nearly zero voltage. If this happens, call an authorised Pride Provider for assistance.

How often must I charge the batteries?

Many factors come into play when deciding how often to charge the batteries. You may use your Go-Chair all day on a daily basis or you may not use it for weeks at a time.

■ Daily Use

If you use your Go-Chair on a daily basis, charge the batteries as soon as you are finished using your Go-Chair. Your Go-Chair will be ready each morning to give you a full day's service. It is recommended that you charge the batteries at least 8 to 14 hours after daily use. Pride recommends that you charge your batteries for an additional 4 hours after the battery charger indicates that charging is complete.

■ Infrequent Use

If you use your Go-Chair infrequently (once a week or less), you should charge the batteries at least once per week for 12 to 14 hours.

NOTE: Keep your batteries fully charged and avoid deeply discharging your batteries. Refer to the manual supplied with the battery charger for charging instructions. Pride recommends charging your batteries for at least 48 continuous hours once per month to improve battery performance and battery life.

VI. BATTERIES AND CHARGING

How can I get maximum range or distance per charge?

Rarely do you have an ideal driving situation such as smooth, flat, hard terrain with no wind, hills, or curves. More often you are presented with hills, pavement cracks, uneven and loosely packed surfaces, curves, and wind. All of these factors will affect the distance or running time per battery charge. Below are a few suggestions for obtaining the maximum range per charge:

- Always charge the batteries fully prior to your trip.
- Plan your trip in advance to avoid inclines if possible.
- Limit baggage weight to essential items.
- Try to maintain an even speed and avoid stop-and-go driving.
- Pride recommends charging your batteries for at least 48 continuous hours once per month to improve battery performance and battery life.

What type of batteries should I use?

We recommend deep-cycle batteries that are sealed and maintenance free. Both AGM and Gel-Cell are deep-cycle batteries that are similar in performance. Refer to the specifications table for more information regarding the batteries used with your Go-Chair.



WARNING! Corrosive chemicals contained in batteries. Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.

Why do my new batteries seem weak?

Deep-cycle batteries employ a much different chemical technology than that used in car batteries, nickel-cadmium (nicads), or in other common battery types. Deep-cycle batteries are specifically designed to provide power, drain down their charge, and then accept a relatively quick recharge. AGM and Gel-Cell batteries should be charged as often as possible. They do not have a “memory” like nickel-cadmium batteries.

We work closely with our battery manufacturer to provide a battery that best suits your Go-Chair’s specific demands. Fresh batteries arrive regularly at Pride and are promptly shipped with a full charge. During shipping, the batteries encounter temperature extremes that may influence initial performance. Heat robs the charge from the battery, and cold slows the power available and extends the time needed to recharge the battery (just as with a car battery).

It might take a few days for the temperature of the battery to stabilise and adjust to its new ambient temperature. More importantly, it will take a few “charging cycles” (a partial drain—then a full recharge) to establish the critical chemical balance that is essential to the battery’s peak performance and long life. It will be well worth it to take the time to break in your battery properly.

NOTE: The useful life of a battery is quite often a reflection of the care it receives.

How can I ensure maximum battery life?

A fully charged deep-cycle battery will provide reliable performance and extended battery life. Keep your Go-Chair’s batteries fully charged whenever possible. Batteries that are regularly and deeply discharged, infrequently charged, or stored without a full charge may be permanently damaged, causing unreliable Go-Chair operation and limited battery life.

VI. BATTERIES AND CHARGING

How should I store my Go-Chair and its batteries?

If you do not use your Go-Chair regularly, we recommend maintaining battery vitality by charging the batteries at least once per week.

If you do not plan on using your Go-Chair for an extended period, fully charge the batteries prior to storage. Disconnect the battery harnesses and store the Go-Chair in a warm, dry environment. Avoid temperature extremes, such as freezing and excessively hot conditions, and never attempt to charge a frozen battery. A cold or frozen battery should be warmed for several days prior to recharging.

What about public transport?

AGM and Gel-Cell batteries are designed for application in travel chairs and other mobility vehicles allowing safe transportation on aircraft, buses, and trains, as there is no danger of spillage or leakage. We suggest you contact the carrier's ticket counter in advance to determine that carrier's specific requirements.

What about shipping?

If you wish to use a freight company to ship your Go-Chair to your final destination, repack your Go-Chair in the original shipping container and ship the batteries in separate boxes.

VII. CARE AND MAINTENANCE

CARE AND MAINTENANCE

Your Go-Chair is a sophisticated travel mobility vehicle. Like any motorised vehicle, it requires routine maintenance checks. You can perform some of these checks, but others require assistance from an authorised Pride Provider. Preventive maintenance is very important. If you follow the maintenance checks in this section as scheduled, you can help ensure that your Go-Chair gives you years of trouble-free operation. If you have any doubt as to your Go-Chair's care or operation, contact an authorised Pride Provider.



WARNING! Do not service the Go-Chair when the seat is occupied.

Your Go-Chair, like most electrical equipment, is susceptible to damage from the elements. Avoid damp areas of any kind.



WARNING! Direct or prolonged exposure to water or dampness could cause the Go-Chair to malfunction electronically and mechanically. Water can cause electrical components to corrode and the chair's frame to rust. Travel chairs should be examined periodically for signs of corrosion caused by water exposure, bodily fluid exposure, or incontinence. Damaged components should be replaced or treated immediately.

Should your Go-Chair come in contact with water:

1. Dry your Go-Chair as thoroughly as possible with a towel.
2. Allow your Go-Chair to sit in a warm, dry place for 12 hours to allow unseen water to evaporate.
3. Check the joystick operation and the brakes before using your Go-Chair again.
4. If any inconsistencies are found, take your Go-Chair to an authorised Pride Provider. Travel chairs that are frequently exposed to sources of water, such as incontinence, should be inspected often for corrosion and electronic components may need to be replaced frequently.

Temperature

- Some of the parts of your Go-Chair are susceptible to extreme changes in temperature. Always keep your Go-Chair between the temperatures of -8°C (18°F) and 50°C (122°F).
- In extremely cold temperatures the batteries may freeze. The specific temperature at which they freeze depends on a number of factors, such as battery charge, usage, and composition of the batteries (e.g., AGM or Gel-Cell).
- Temperatures above 50°C (122°F) may cause your Go-Chair to operate at a reduced speed. This reduced speed is a safety feature built into the controller that helps prevent damage to the motor and other electrical components.

General Guidelines

- Avoid knocking or bumping the controller, especially the joystick.
- Avoid prolonged exposure of your Go-Chair to extreme conditions, such as heat, cold, or moisture.
- Keep the controller clean.
- Check all connectors to ensure that they are all tight and secured properly.
- Make sure pneumatic tyres are inflated to the psi/bar/kPa air pressure rating indicated on each tyre.



WARNING! Make sure pneumatic tyres are inflated to the psi/bar/kPa air pressure rating indicated on each tyre. Do not underinflate or overinflate your tyres. Low pressure may result in loss of control, and overinflated tyres may burst. Overinflating tyres can cause them to explode.

WARNING! Do not use a high pressure hose to inflate your tyres.

- Use a rubber conditioner on the tyre sidewalls to help preserve them.



WARNING! Never use a rubber conditioner on the tread area of the tyres; doing so may make the tyres slippery and cause your travel chair to skid.

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- All wheel bearings are prelubricated and sealed. They require no subsequent lubrication.
- The body shroud has been sprayed with a clear sealant coating. You can apply a light coat of car wax to help it retain its high-gloss appearance.
- Check all electrical connections. Make sure they are tight and are not corroded. Batteries must sit flat within the battery tray, with the battery terminals facing inward, toward each other. Refer to the battery wiring label for the correct wiring layout.



WARNING! Even though the Go-Chair has passed the necessary testing requirements for ingress of liquids, you should keep electrical connections away from sources of dampness, including direct exposure to water or bodily fluids and incontinence. Check electrical components frequently for signs of corrosion and replace as necessary.

Daily Checks

- With the controller turned off, check the joystick. Make sure it is not bent or damaged and that it returns to the neutral position 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 an authorised Pride Provider if there is a problem.
- Visually inspect the controller harness. Make sure that it is not frayed, cut, or has any wires exposed. See an authorised Pride Provider if there is a problem.
- Check for flat spots on solid tyres. Flat spots could adversely affect stability.
- Inspect the seating system, armrests and front riggings for loose hardware, stress points or damage. See your authorised Pride Provider if there is a problem.

Weekly Checks

- Disconnect and inspect the controller from the power base. Look for corrosion. Contact an authorised Pride Provider if necessary.
- Ensure that all parts of the controller system are securely fastened to your Go-Chair. Do not overtighten any screws.
- Check the brakes. This test should be carried out on a level surface with at least 1 metre (3 feet) of clearance around your Go-Chair.

To check the brakes:

1. Turn on the controller and turn down the speed level of your Go-Chair.
2. After one second, check the battery condition meter. Make sure that it remains on.
3. Slowly push the joystick forward until you hear the electric brakes click. Immediately release the joystick. You must be able to hear each electrical brake operating within a few seconds of joystick movement. Repeat this test three times, pushing the joystick rearwards, then left, and then right.

Monthly Checks

- Check for drive tyre wear. See an authorised Pride Provider for repair.
- Check the caster wheels for wear. Replace them as necessary.
- Check the caster forks for damage or fluttering which indicates that they may need to be adjusted or have the bearings replaced. See an authorised Pride Provider for repair.
- Check the entire travel chair for loose hardware and changes in the function or performance of the travel chair. See your authorised Pride Provider for service and repair.
- Keep your Go-Chair clean and free of foreign material, such as mud, dirt, hair, food, drink, etc.

Yearly Checks

Take your Go-Chair to an authorised Pride Provider for yearly maintenance, especially if you use your chair on a daily basis. This helps ensure that your Go-Chair is functioning properly and helps prevent future complications.

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Storage

Your Go-Chair should be stored in a dry place, free from temperature extremes. When storing, disconnect the batteries from the Go-Chair. See VI. “Batteries and Charging.”



WARNING! If you fail to store the unit properly, the frame can rust and the electronics can be damaged.

Batteries that are regularly and deeply discharged, infrequently charged, stored in extreme temperatures, or stored without a full charge may be permanently damaged, causing unreliable performance and limited service life. It is recommended that you charge the batteries periodically throughout periods of prolonged storage to ensure proper performance.

You may wish to place several boards under the frame of your Go-Chair to raise it off of the ground during periods of prolonged storage. This takes the weight off the tyres and reduces the possibility of flat spots developing on the areas of the tyres contacting the ground.

Disposal of Your Go-Chair

Your Go-Chair must be disposed of according to applicable local and national statutory regulations. Contact your local waste disposal agency or authorised Pride Provider for information on proper disposal of travel chair packaging, metal frame components, plastic components, electronics, batteries, neoprene, silicone, and polyurethane materials.

Cleaning and Disinfection

- Use a damp cloth and mild, non-abrasive cleanser to clean the plastic and metal parts of your Go-Chair. Avoid using products that may scratch the surface of your chair.
- If necessary, clean your product with an approved disinfectant. Make sure the disinfectant is safe for use on your product before application.

WARNING! Follow all safety instructions for the proper use of the disinfectant and/or cleaning agent before applying it to your product. Failure to comply may result in skin irritation or premature deterioration of upholstery and/or travel chair finishes.



WARNING! Never hose off your travel chair or place it in direct contact with water. Your travel chair has a painted, ABS plastic body shroud that allows it to be easily wiped clean with a damp cloth.

WARNING! Never use any chemicals to clean a vinyl seat, as they may cause the seat to become slippery or dry out and crack. Use soapy water and dry the seat thoroughly.

Wheel Replacement

If your chair is equipped with a solid tyre insert, then you must replace the whole wheel assembly. Replacement wheel assemblies are readily available through an authorised Pride Provider.

WARNING! The wheels on your travel chair should only be serviced or replaced by an authorised Pride Provider or a qualified technician.



WARNING! Be sure that the power to the controller is turned off and the travel chair is not in freewheel mode before performing this procedure.

WARNING! When changing a tyre, remove only the centre lug nut and washer, then remove the wheel. If any further disassembly is required, deflate the tyre completely or it may explode.

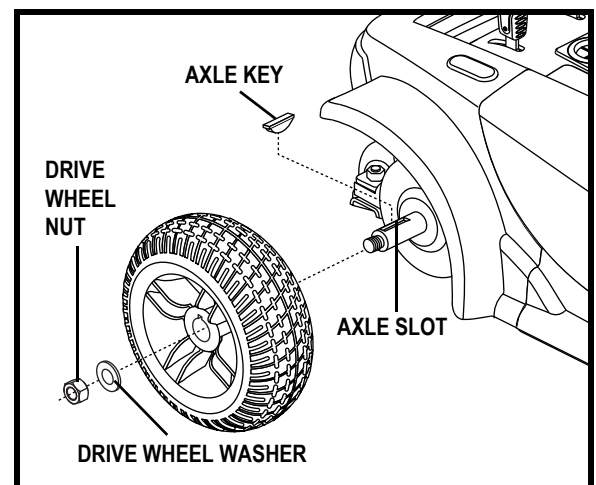


Figure 21. Go-Chair Drive Wheel

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To replace the wheel:

1. Turn off the power to the controller.
2. Set the Go-Chair up on blocks.
3. Remove the drive wheel nut and washer from the axle. See figure 21.
4. Pull the wheel off the axle.
5. Slide the new wheel back onto the shaft. Make sure that the key is in the axle slot.



WARNING! Ensure that the axle key is properly installed into the axle slot when mounting the wheel. If not installed securely, the braking system is disengaged which may cause personal injury and/or product damage may result.

6. Reinstall the drive wheel nut and washer onto the axle and tighten.



WARNING! Make sure both the nut and washer are reinstalled and tightened properly.

7. Remove the Go-Chair from the blocks.

Battery Replacement

A battery wiring diagram is printed on a decal located on the front battery tray. See the specifications table for correct battery specifications.



MANDATORY! Battery posts, terminals, and related accessories contain lead and lead compounds. Wear goggles and gloves when handling batteries and wash hands after handling.

WARNING! The batteries in your travel chair should only be serviced or replaced by an authorised Pride Provider or a qualified technician.

WARNING! Do not replace the batteries when seat is occupied.



WARNING! Travel chair batteries are heavy. See specifications table. If you are unable to lift that much weight, be sure to get help. Use proper lifting techniques and avoid lifting beyond your capacity.

WARNING! Do not mix old or new batteries. Always replace both batteries at the same time.



PROHIBITED! Keep tools and other metal objects away from the battery terminals. Contact with tools can cause electric shock.

You may need the following to change your batteries:

- metric/standard socket set and ratchet
- adjustable wrench

To replace the batteries:

1. Remove the battery box from the Go-Chair.
2. Turn the pack upside down.
3. Remove all screws that hold the battery box halves together. See figure 22.
4. Flip the battery box back over so the handle is up and remove the lid.

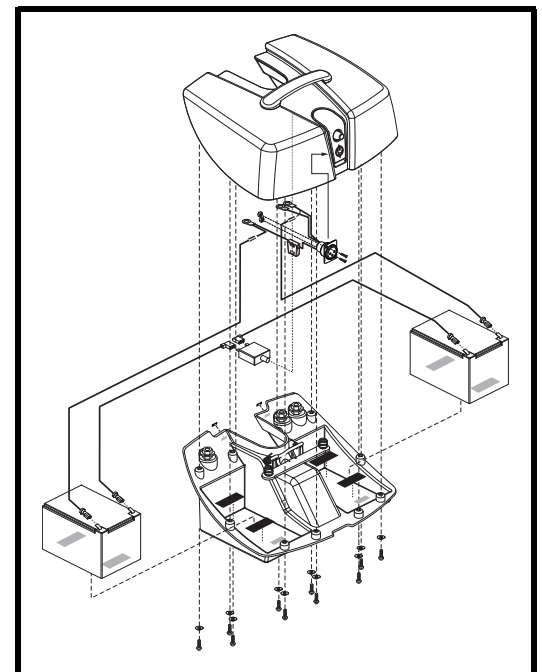


Figure 22. Go-Chair Battery Box

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5. Remove the red (+) positive and black (-) negative battery leads from each battery.
6. Remove the batteries.
7. Put the new batteries back into the battery box (battery terminals up).
8. Reconnect the two (2) battery leads to the battery terminals. Make sure the red lead is connected to the (+) positive terminal and the black lead is connected to the (-) negative terminal.
9. Replace the lid and carefully flip the battery box over so the handle is down.
10. Replace and tighten all the screws that hold the battery box together.
11. Reinstall the battery box back onto the Go-Chair.

When to See An Authorised Pride Provider for Service

The following symptoms could indicate a serious problem with your Go-Chair. If necessary, contact an authorised Pride Provider. When calling, have the model number, serial number, nature of the problem, and the error code if available.

- Motor noise
- Frayed harnesses
- Cracked or broken connectors
- Uneven wear on any of the tyres
- Jerky motion
- Pulling to one side
- Bent or broken wheel assemblies
- Does not power up
- Powers up, but does not move
- Loose seat or seating components

Corrective Maintenance

If the battery condition meter does not light up when you turn on the power:

- Check the harness connections. Make sure they are tight.
- Check the circuit breaker. Reset it if necessary.
- Check the battery connections.

If the above conditions prove normal, you can load test the batteries with a battery load tester. These testers are available at automotive parts stores. Disconnect both batteries before load testing and follow the directions that come with the load tester. If either one of the batteries fails the load test, replace both of them. If your Go-Chair still does not power up, contact an authorised Pride Provider.

APPENDIX I – SPECIFICATIONS

Suspension:	Limited
Drive Wheels:	20.32 cm (8 in.), solid
Front Caster Wheels:	12.7 cm (5 in.), solid
Rear Anti-tip Wheels:	5.08 cm (2 in.), solid
Maximum Speed: ¹	Up to 5.65 km/h (3.5 mph)
Range per charge (Theoretical value based on Test Standards) ^{1, 2}	Up to 9.65 km (6 miles)
Range per charge: (Value based on Straight-line Test Simulation) ^{1, 3}	Up to 12.87 km (8 miles)
Brakes:	“Intelligent Braking” electronic regenerative, disc park brake
Ground Clearance: ⁴	See figure 23.
Turning Radius: ⁴	See figure 23.
Overall Size: ⁴	Length: See figure 23. Width: See figure 23.
Drivetrain:	Two motor, rear-wheel drive
Batteries:	Two 12-volt, 12 Ah, deep-cycle
Battery Charger:	2-amp, off-board
Weight Capacity:	113 kg (250 lbs.)
Component Weights:	Front Section: 10.21 kg (22.5 lbs.) Rear Section: 15.65 kg (34.5 lbs.) Seat: 11.34 kg (25 lbs.) Batteries: 9 kg (20 lbs.) total weight of battery pack

¹ Varies with user weight, terrain type, battery amp-hour (Ah), battery charge, battery condition, and tyre condition. This specification can be subject to a variance of +10%, -5%.

² Tested in accordance with ANSI/RESNA, WC Vol 2, Section 4 & ISO 7176-4 standards. Results derived from theoretical calculation based on battery specifications and drive system performance. Test conducted at maximum weight capacity.

³ Tested by Pride Mobility Products under simulated conditions; continuous straight-line driving until total battery depletion. Test conducted at maximum weight capacity.

⁴ Due to manufacturing tolerances and continual product improvement, this specification can be subject to a variance of (+ or -) 3%.

⁵ AGM or Gel-Cell type required. See IV. “Batteries and Charging.”

NOTE: This product conforms to all applicable ANSI-RESNA testing requirements and ISO 7176 series EN12184 standards. All specifications subject to change without notice.

APPENDIX I – SPECIFICATIONS

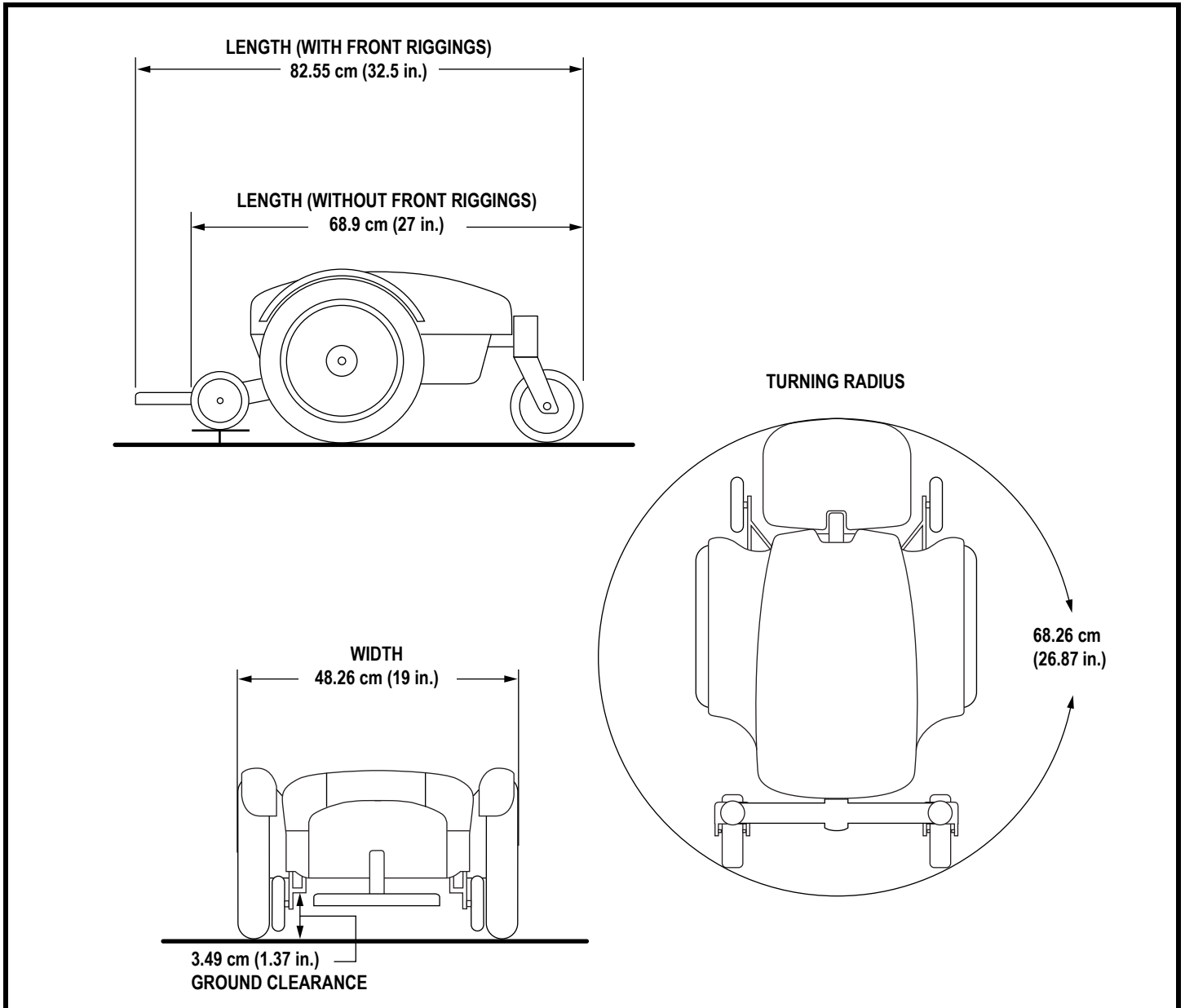


Figure 23. Go-Chair Dimensions and Ground Clearance

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Go-Chair



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Product Serial Number