

PATHRIDER 143 XLD



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 qualified technician must perform the initial setup of this scooter and must perform all of the procedures in this manual.

The symbols below are used throughout this owner's manual and on the scooter 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 a red slash.

Please fill out the following information for quick reference:

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

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.

This product is manufactured by:
Pride Mobility Products Corporation
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USA



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I. INTRODUCTION

SAFETY

Welcome to Pride Mobility Products (Pride). The product you have purchased combines state-of-the-art components with **safety**, comfort, and styling in mind. We are confident the design features will provide you with the conveniences you expect during your daily activities. Understanding how to **safely** operate and care for this product should bring you years of trouble-free operation and service.

Read and follow all instructions, warnings, and notes in this manual before attempting to operate your scooter for the first time. You must also read all instructions, warnings, and notes contained in any supplemental instructional booklets that accompanied your scooter 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, warnings, and notes in this manual and those located on your Pride product can result in personal injury or product damage and will void Pride's product 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 scooter, 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 scooter 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 scooter. 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 product registration card or 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 scooter to identify warnings, mandatory actions, and prohibited actions. It is very important for you to read and understand them completely.



Pinch/Crush points created during assembly.



Corrosive chemicals contained in battery.



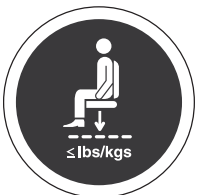
EMI/RFI - This product has been tested and passed at an immunity level of 20 V/m.



Explosive conditions exist!



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



Maximum seating weight.



Do not use a cell phone, walkie/talkie, laptop, or other radio transmitter while operating.

II. SAFETY



Unlocked and in freewheel 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.

Locked and in drive mode.



Do not allow unsupervised children to play near the scooter while the batteries are charging.



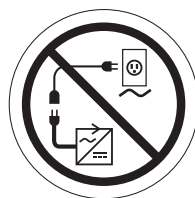
Keep your hands away from the tyres when driving. Be aware that loose fitting clothing can become caught in drive tyres.



Avoid exposure to rain, snow, ice, salt, or standing water whenever possible. Maintain and store in a clean and dry condition.



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.

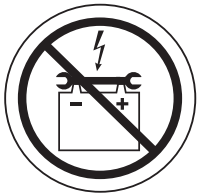


Do not connect an extension lead to the AC/DC converter or the battery charger.

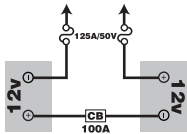
II. SAFETY



Do not mix AGM or Gel-Cell batteries. Always use batteries of the same type and chemistry.



Keep tools and other metal objects away from battery terminals. Contact with tools can cause electrical shock.



Battery Set Configuration:

+ = Positive (Red) Terminal Post

- = Negative (Black) Terminal Post

Connect Red wires to Red Positive (+) Terminal Posts.

Connect Black wire to Black Negative (-) Terminal Posts.



Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.



Do not expose to heat sources such as open flame or sparks. Do not transport batteries with flammable or combustible items.



Do not use batteries with different amp-hour (Ah) capacities. Do not mix old and new batteries. Always replace both batteries at the same time.



Do not place the scooter in freewheel mode when on an incline or decline.



Battery charger for indoor use only.

II. SAFETY



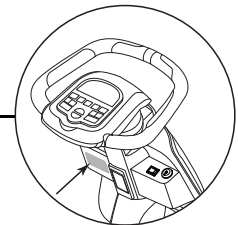
Disposal and recycling - Contact your authorised Pride Provider for information on proper disposal and recycling of your Pride product and its packaging.



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



Scooter information label.



Scooter does not conform to ISO 7176-19 for transport of an occupied scooter in a motor vehicle.

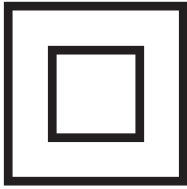


Indicates tie-down points on the scooter.



Indicates electrical shock hazard.

II. SAFETY



Class II equipment.



Contains sealed, non-spillable batteries that meet DOT CRF 173.159 (d), IATA packing instructions 806, IATA provision A67 for safe transportation.



Keep area clean.



Manufactured in.



Keep area dry.

II. SAFETY

GENERAL



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

Your scooter 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 scooter user. Please be aware that the final selection and purchasing decision regarding the type of scooter to be used is the responsibility of the scooter 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 scooter 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 scooter user will need to practice operating the scooter 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 scooter user in various daily living activities.

As you begin using your scooter 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 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 the scooter safely.

MODIFICATIONS

Pride has designed and engineered your scooter to provide maximum mobility and utility. A wide range of accessories is available from your authorised Pride Provider to further customise your scooter to better suit your needs and/or preferences. However, under no circumstances should you modify, add, remove, or disable any feature, part, or function of your scooter.



WARNING! Do not modify your scooter in any way not authorised by Pride. Do not use accessories if they have not been tested or approved for Pride products.

REMOVABLE PARTS



WARNING! Do not attempt to lift or move your scooter by any of its removable parts, including the armrests, seat, or shroud. Pride recommends the use of only solid, non-removable frame components such as scooter securement points or the front and rear frame weldments to lift or move your scooter.

WARNING! Lifting the scooter should be accomplished with no fewer than three people, one at the front and two at the rear of the unit.

PRE-RIDE SAFETY CHECK

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

II. SAFETY

Perform the following inspections prior to using your scooter:

- 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 harness connections. Make sure they are secured properly.
- Check the brakes.
- Check battery charge.

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

TYRE INFLATION

If your scooter is equipped with pneumatic tyres, you should check or have the air pressure checked at least once a week. Proper inflation pressures will prolong the life of your tyres and help ensure the smooth operation of your scooter.



WARNING! It is critically important that the psi/bar/kPa air pressure indicated on each tyre be maintained in pneumatic tyres at all times. Do not underinflate or overinflate your tyres. Low pressure may result in loss of control, and overinflated tyres may burst. Failure to maintain the psi/bar/kPa air pressure rating indicated on pneumatic tyres at all times may result in tyre and/or wheel failure.

WARNING! Inflate your scooter tyres from a regulated air source with an available pressure gauge. Inflating your tyres from an unregulated air source could overinflate them, resulting in a burst tyre.

NOTE: If tyres on your scooter list the psi rating only, use the following conversion formulas to find the bar or kPa rating: $\text{bar} = \text{psi} \times 0.06895$, $\text{kPa} = \text{psi} \times 6.89476$.

WEIGHT LIMITATIONS

Your scooter is rated for a maximum weight capacity. Refer to the specifications table for information. Keep in mind that the maximum weight capacity includes the combined weight of the user and any accessories mounted to the scooter.



MANDATORY! Stay within the specified weight capacity for your scooter. Exceeding the weight capacity voids your warranty. Pride will not be held responsible for injuries and/or property damage resulting from failure to observe weight limitations.



WARNING! Do not carry passengers on your scooter. Carrying passengers on your scooter may affect the centre of gravity, resulting in a tip or a fall.

INCLINE INFORMATION

More and more buildings have ramps with specified degrees of inclination, designed for easy and safe access. Some ramps may have turning switchbacks (180-degree turns) that require you to have good cornering skills on your scooter.

- Proceed with extreme caution as you approach the downgrade of a ramp or other incline.
- Take wide swings with your scooter around any tight corners. If you do that, the scooter's rear wheels will follow a wide arc, not cut the corner short, and not bump into or get hung up on any railing corners.
- When driving down a ramp, keep the scooter's speed adjustment set to the slowest speed setting to ensure a safely controlled descent.
- Avoid sudden stops and starts.

II. SAFETY

When climbing an incline, try to keep your scooter moving. If you must stop, start up again slowly, and then accelerate cautiously. When driving down an incline, do so by setting the speed adjustment dial to the slowest setting and driving in the forward direction only. If your scooter starts to move down the incline faster than you anticipated or desired, allow it to come to a complete stop by releasing the throttle control lever. Then push the throttle control lever forward slightly to ensure a safely controlled descent.



WARNING! When on any sort of an incline or decline, never place the scooter in freewheel mode, especially when seated on it or standing next to it.

WARNING! When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Drive your scooter straight up the incline. This greatly reduces the possibility of a tip or a fall. Always exercise extreme caution when negotiating an incline.



WARNING! Do not drive your scooter across the side of an incline or diagonally up or down an incline; do not stop, if possible, while driving up or down an incline.

WARNING! You should not travel up or down a potentially hazardous incline (i.e., areas covered with snow, ice, cut grass, or wet leaves).

WARNING! Even though your scooter is capable of climbing slopes greater than those illustrated in figure 1, do not, under any circumstances, exceed the incline guidelines or any other specifications presented in this manual. Doing so could cause instability in your scooter.

Handicap public access ramps are not subject to government regulation in all countries, and therefore do not necessarily share the same standard percent of slope. Other inclines may be natural or, if man-made, not designed specifically for scooters. **Figure 1** illustrates your scooter's stability and its ability to climb grades under various weight loads and under controlled testing conditions.

These tests were conducted with the scooter's seat in the highest position and adjusted rearward on the seat base to its farthest rearward position. Use this information as a guideline. Your scooter's ability to travel up inclines is affected by your weight, your scooter's speed, your angle of approach to the incline, and your scooter setup.



WARNING! Any attempt to climb or descend a slope steeper than what is shown in figure 1 may put your scooter in an unstable position and cause it to tip.

WARNING! Never carry an oxygen tank weighing more than 6.8 kg (15 lbs.). Never fill the front or rear basket with contents exceeding 6.8 kg (15 lbs.).

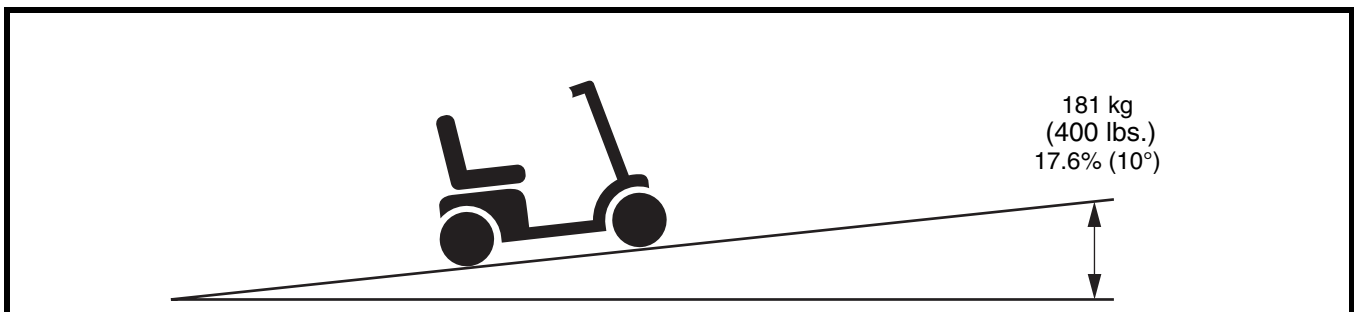


Figure 1. Maximum Recommended Incline Angle

II. SAFETY

When you approach an incline, it is best to lean forward. See figures 2 and 2A. This shifts the centre of gravity of you and your scooter toward the front of the scooter for improved stability.

NOTE: When negotiating ramps, if the throttle control lever is released while moving forward, the powered scooter may "roll back" approximately 30.48 cm (1 foot) before the brake engages. If the throttle control lever is released while moving in reverse, the powered scooter may "roll back" approximately 1 metre (3 feet) before the brake engages.



Figure 2. Normal Driving Position



Figure 2A. Increased Stability Driving Position

CORNERING INFORMATION

Excessively high cornering speeds can create the possibility of tipping. Factors which affect the possibility of tipping include, but are not limited to, cornering speed, steering angle (how sharply you are turning), uneven road surfaces, inclined road surfaces, riding from an area of low traction to an area of high traction (such as passing from a grassy area to a paved area – especially at high speed while turning), and abrupt directional changes. High cornering speeds are not recommended. If you feel that you may tip over in a corner, reduce your speed and steering angle (i.e., lessen the sharpness of the turn) to prevent your scooter from tipping.



WARNING! When cornering sharply, reduce your speed and maintain a stable centre of gravity. When using your scooter at higher speeds, do not corner sharply. This greatly reduces the possibility of a tip or fall.

BRAKING INFORMATION

Your scooter is equipped with these powerful brake systems:

- **Regenerative:** Uses electricity to rapidly slow the vehicle when the throttle control lever returns to the centre/stop position.
- **Disc Park Brake:** Activates mechanically after regenerative braking slows the vehicle to near stop, or when power is removed from the system for any reason.

II. SAFETY

OUTDOOR DRIVING SURFACES

Your scooter is designed to provide optimum stability under normal driving conditions—dry, level surfaces composed of concrete, blacktop, or tarmac. However, Pride recognises that there will be times when you will encounter other surface types. For this reason, your scooter is designed to perform admirably on packed soil, grass, and gravel. Feel free to use your scooter safely on lawns and in park areas.

- Avoid driving on uneven terrain and/or soft surfaces.
- Avoid tall grass that can become tangled in the running gear.
- Avoid loosely packed gravel and sand.
- Do not use your scooter in fresh or salt water.
- Do not use your scooter at the edge of a stream, lake, or ocean.
- If you feel unsure about a driving surface, avoid that surface.

PUBLIC STREETS AND ROADWAYS



WARNING! You should not operate your scooter on public streets and roadways. Be aware that it may be difficult for traffic to see you when you are seated on your scooter. Obey all local pedestrian traffic rules. Wait until your path is clear of traffic, and then proceed with extreme caution.

STATIONARY OBSTACLES (STEPS, KERBS, ETC.)

WARNING! Do not drive near raised surfaces, unprotected ledges, and/or drop-offs (kerbs, porches, stairs, etc.).

WARNING! Do not attempt to have your scooter climb or descend an obstacle that is inordinately high.



WARNING! Do not attempt to have your scooter proceed rearward down any step, kerb, or other obstacle. This may cause the scooter to tip.

WARNING! Be sure your scooter is traveling perpendicular to any kerb you may be required to ascend or descend. See figures 3 and 3A.

WARNING! Even though your scooter may be capable of handling greater obstacles, Pride recommends that you do not attempt to negotiate a kerb that has a height greater than 5 cm (2 in.). Doing so could cause instability in your scooter.

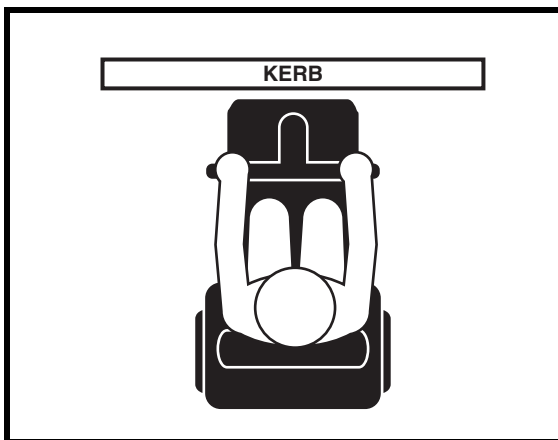


Figure 3. Correct Kerb Approach



Figure 3A. Incorrect Kerb Approach

II. SAFETY

INCLEMENT WEATHER PRECAUTIONS

Exposure of your scooter to inclement weather conditions should be avoided whenever possible. If suddenly caught up in rain, snow, severe cold, or heat while operating your scooter, proceed to shelter at the earliest opportunity. Thoroughly dry your scooter before storing, charging, or operating your scooter.



PROHIBITED! Operating in rain, snow, salt, mist/spray conditions, and on icy/slippery surfaces can cause damage to the scooter and electrical system. Maintain and store your scooter in a dry and clean condition.



WARNING! Prolonged exposure to hot or cold conditions may affect the temperature of upholstered and non-upholstered items on the scooter, possibly resulting in skin irritation. Exercise caution when using your scooter in extremely hot or cold conditions or when exposing your scooter to direct sunlight for prolonged periods of time.

FREEWHEEL MODE

Your scooter is equipped with a manual freewheel lever that, when engaged, allows the scooter to be pushed. For more information about how to place your scooter into and out of freewheel mode, see III. “Your Scooter”.



WARNING! When your scooter is in freewheel mode, the braking system is disengaged.

- Disengage the drive motors only on a level surface.
- Ensure the key is removed from the key switch.
- Stand to the side of the scooter to engage or disengage freewheel mode. Never sit on a scooter to do this.
- After you have finished pushing your scooter, always return it to the drive mode to lock the brakes.

An added feature built into the scooter is “**push-too-fast**” protection which safeguards the scooter against gaining excessive speed while in freewheel mode.

“Push-too-fast” operates differently depending on which of two conditions exists:

- If the key is switched “off” while in freewheel mode, the scooter’s controller activates regenerative braking when the scooter is pushed faster than a maximum threshold which has been preprogrammed. In this case, the controller is acting as a speed governor.
- If the key is switched “on” while in freewheel mode, you will encounter considerable resistance at any speed. This prevents the scooter from gaining unwanted momentum should the manual freewheel lever inadvertently be released while driving the scooter.



WARNING! Pride recommends that you do not disconnect the batteries when the scooter is in freewheel mode as this may interfere with the function of the controller.

STAIRS AND ESCALATORS

Scooters are not designed to travel up or down stairs or escalators. Always use an lift.



WARNING! Do not use your scooter to negotiate steps or escalators.

DOORS

- Determine if the door opens toward or away from you.
- Use your hand to turn the knob or push the handle or push-bar.
- Drive your scooter gently and slowly forward to push the door open. Or drive your scooter gently and slowly rearward to pull the door open.

II. SAFETY

LIFTS

Modern lifts have a door edge safety mechanism that, when pushed, reopens the door(s).

- If you are in the doorway of a lift when the door(s) begin to close, push on the rubber door edge or allow the rubber door edge to contact the scooter and the door will reopen.
- Use care that handbags, packages, or scooter accessories do not become caught in lift doors.

NOTE: *If your scooter's turning radius is greater than 152.4 cm (60 in.) it may be difficult to manoeuvre in lifts and building entrances. Use caution when attempting to turn or manoeuvre your scooter in small spaces, and avoid areas that might pose a problem.*

LIFT SYSTEMS/ELEVATION PRODUCTS

If you will be transporting your scooter during travel, you may find it necessary to use a vehicle-mounted lift system or elevation product to aid in transportation. Pride recommends that you closely review the warnings, instructions, specifications, and safety information set forth by the manufacturer of the lift/elevation product before using that product.

WARNING! Not all lift systems/elevation products are rated for use with an occupied mobility device. Pride recommends that you do not remain seated in your scooter when it is being used in connection with any type of lift system/elevation product unless:

- That product is rated for occupied use by the manufacturer.
- You are able to occupy your mobility device in strict conformity with the warnings, instructions, specifications, and safety guidelines set forth by the manufacturer.



WARNING! Always turn off the power to the scooter when you are being transferred via an elevation product. Failure to do so may result in accidental throttle control lever contact, resulting in unintended movement and personal injury or product damage.

BATTERIES

In addition to following the warnings below, be sure to comply with all other battery handling information.



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! Scooter 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! Always protect the batteries from freezing and never charge a frozen battery. Charging a frozen battery may result in damage to the battery.

WARNING! Connect the battery harnesses in the proper manner. RED (+) cables must be connected to positive (+) battery terminals/posts. BLACK (-) cables must be connected to negative (-) battery terminals/posts. Protective caps should be installed over all battery terminals. REPLACE cables immediately if damaged.

BATTERY DISPOSAL AND RECYCLING

If you encounter a damaged or cracked battery, immediately enclose it in a plastic bag. Contact your local waste disposal agency or your authorised Pride Provider for instructions on disposal and battery recycling, which is our recommended course of action.

II. SAFETY

PREVENTING UNINTENDED MOVEMENT



WARNING! If you anticipate being seated in a stationary position for an extended period of time, turn off the power. This will prevent unexpected motion from inadvertent throttle control lever contact.

MOTOR VEHICLE TRANSPORT

Pride recommends that you do not remain seated in your scooter while traveling in a motor vehicle. The scooter should be stowed in the boot of a car or in the back of a truck or van with the batteries removed and/or properly secured. In addition, all removable scooter parts, including the armrests, seat, and shroud should be removed and/or properly secured during motor vehicle transport.

WARNING! Although your scooter may be equipped with a positioning belt, this belt is not designed to provide proper restraint during motor vehicle transport. Anyone traveling in a motor vehicle should be properly secured in the motor vehicle seat with safety belts fastened securely.



WARNING! Do not sit on your scooter while it is in a moving vehicle.

WARNING! Always be sure your scooter and its batteries are properly secured when it is being transported. Batteries should be secured in an upright position and protective caps should be installed on the battery terminals. Batteries should not be transported with any flammable or combustible items.

GETTING ONTO AND OFF OF YOUR SCOOTER

Getting onto and off of your scooter requires a good sense of balance. Please observe the following safety tips when getting onto and off of your scooter:

- Remove the key from the key switch.
- Ensure that your scooter is not in freewheel mode. See III. “Your Scooter”.
- Make certain that the seat is secured into place.
- Pivot the armrests up to make getting onto and off of the scooter easier.

WARNING! Prevent unintended scooter movement. Ensure the scooter is powered down and the key is removed from the key switch before getting onto or off of the scooter. Be aware that if using the tiller handle as a support during transfers, the steering column may shift or you may accidentally engage the throttle control.



WARNING! Position yourself as far back as possible in the scooter seat to prevent the scooter from tipping.

WARNING! Avoid putting all of your weight on the scooter armrests and do not use the armrests for weight bearing purposes, such as transfers. Such use may cause the scooter to tip, resulting in a fall from the scooter and personal injury.

WARNING! Avoid putting all of your weight on the floorboard. Such use may cause the scooter to tip.

II. SAFETY

REACHING AND BENDING

Avoid reaching or bending while driving your scooter. Bending forward creates the risk of accidental throttle control lever contact. Bending to the side while seated creates the risk of tipping. It is important to maintain a stable centre of gravity and keep the scooter from tipping. Pride recommends that the scooter user determine his/her personal limitations and practice bending and reaching in the presence of a qualified attendant.



WARNING! Do not bend, lean, or reach for objects if you have to pick them up from the scooter deck or from either side of the scooter. Movements such as these may change your centre of gravity and the weight distribution of the scooter and cause your scooter to tip.



PROHIBITED! Keep your hands away from the tyres when driving. Be aware that loose fitting clothing can become caught in drive tyres.

POSITIONING BELTS

Your authorised Pride Provider, therapist(s), and other healthcare professionals are responsible for determining your requirement for a positioning belt in order to operate your scooter safely.



WARNING! If you require a positioning belt to safely operate your scooter, make sure it is fastened securely.

PRESCRIPTION DRUGS/PHYSICAL LIMITATIONS

The scooter user must exercise care and common sense when operating his/her scooter. This includes awareness of safety issues when taking prescribed or over-the-counter drugs or when the user has specific physical limitations.



WARNING! Consult your physician if you are taking prescribed or over-the-counter medication or if you have certain physical limitations. Some medications and limitations may impair your ability to operate your scooter in a safe manner.

ALCOHOL/SMOKING

The scooter user must exercise care and common sense when operating his/her scooter. This includes awareness of safety issues while under the influence of alcohol or while smoking.

WARNING! Do not operate your scooter while you are under the influence of alcohol, as this may impair your ability to drive safely.



WARNING! Pride strongly recommends that you do not smoke cigarettes while seated in your scooter, although the scooter has passed the necessary testing requirements for cigarette smoking. You must adhere to the following safety guidelines if you decide to smoke cigarettes while seated in your scooter.

- Do not leave lit cigarettes unattended.
- Keep ashtrays a safe distance from the seat cushions.
- Always make sure cigarettes are completely extinguished before disposal.

FLAMMABILITY PRECAUTIONS

WARNING! Even though the plastics used on your scooter have been tested and have passed the applicable flammability standards, Pride recommends that you do not expose your scooter to open flames.



WARNING! Replace worn or damaged upholstery immediately to reduce the risk of fire hazard.

WARNING! Be aware that washing of upholstered items may reduce the resistance to flammability of the fabric.

II. SAFETY

ELECTROMAGNETIC AND RADIO FREQUENCY INTERFERENCE (EMI/RFI)



WARNING! Laboratory tests have shown that electromagnetic and radio frequency waves can have an adverse effect on the performance of electrically-powered mobility vehicles.

Electromagnetic and Radio Frequency Interference can come from sources such as cellular phones, mobile two-way radios (such as walkie-talkies), radio stations, TV stations, amateur radio (HAM) transmitters, wireless computer links, microwave signals, paging transmitters and medium-range mobile transceivers used by emergency vehicles. In some cases, these waves can cause unintended movement or damage to the control system. Every electrically-powered mobility vehicle has an immunity (or resistance) to EMI. The higher the immunity level, the greater the protection against EMI. This product has been tested and has passed at an immunity level of 20 V/m.



WARNING! Be aware that cell phones, two-way radios, laptops, and other types of radio transmitters may cause unintended movement of your electrically-powered mobility vehicle due to EMI. Exercise caution when using any of these items while operating your mobility vehicle and avoid coming into close proximity of radio and TV stations.



WARNING! The addition of accessories or components to the electrically-powered mobility vehicle can increase the susceptibility of the vehicle to EMI. Do not modify your scooter in any way not authorised by Pride.

WARNING! The electrically-powered mobility vehicle itself can disturb the performance of other electrical devices located nearby, such as alarm systems.

NOTE: For further information on EMI/RFI, visit the Resource Centre on www.pridemobility.com. If unintended motion or brake release occurs, turn your scooter off as soon as it is safe to do so. Contact your authorised Pride Provider to report the incident.

III. YOUR SCOOTER

TILLER CONSOLE

The tiller console and lower tiller house all of the controls needed to drive your scooter, including the LCD control panel, throttle control levers, key switch, and the throttle control lever switch. See figures 4, 5 and 6.



PROHIBITED! Do not expose the tiller console to moisture. In the event that the tiller console does become exposed to moisture, do not attempt to operate your scooter until the tiller console has dried thoroughly.

LCD Control Panel

See the supplemental basic operating instructions booklet (included in the owner's packet) for operation and functions of the LCD control panel.

Throttle Control Levers

These levers allow you to control the forward speed and the reverse speed of your scooter up to the maximum speed you preset with the speed adjustment buttons. A throttle control lever is located on the underside of the left and right side of the tiller handle. See Figure 5.

To Move Forward:

- Squeeze the rear part of the throttle control lever.

To Move Rearward:

- Squeeze the front part of the throttle control lever.

Release the throttle control lever and allow your scooter to come to a complete stop before engaging the other side of the lever. When the throttle control lever is completely released, it automatically returns to the centre "stop" position and engages your scooter's brakes.

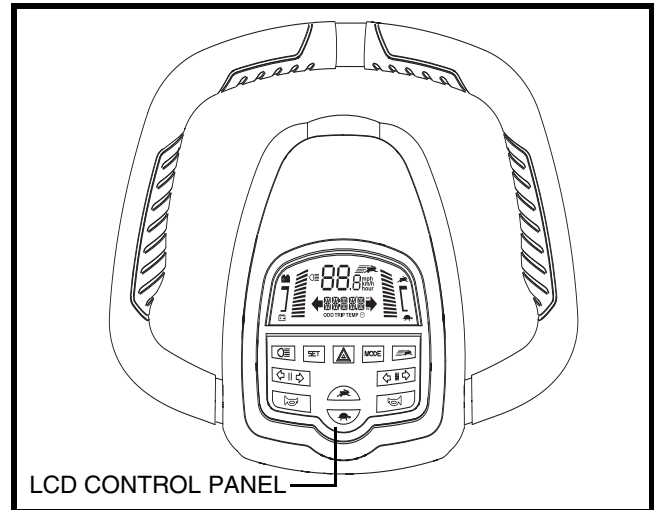


Figure 4. Tiller Console Components

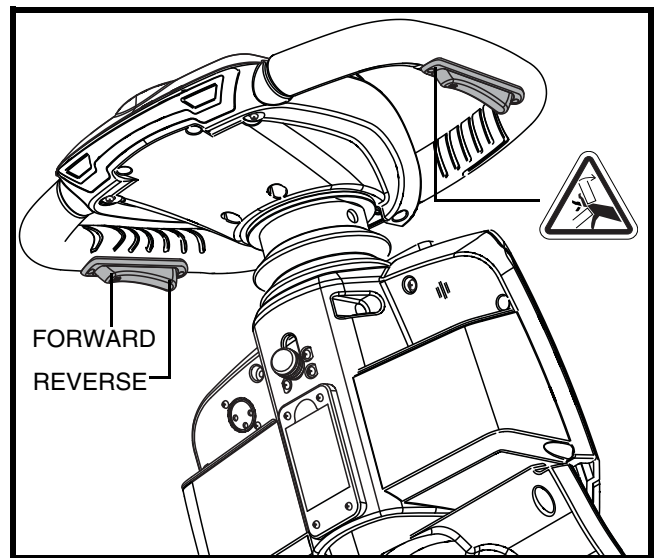


Figure 5. Throttle Control Levers

III. YOUR SCOOTER

LOWER TILLER

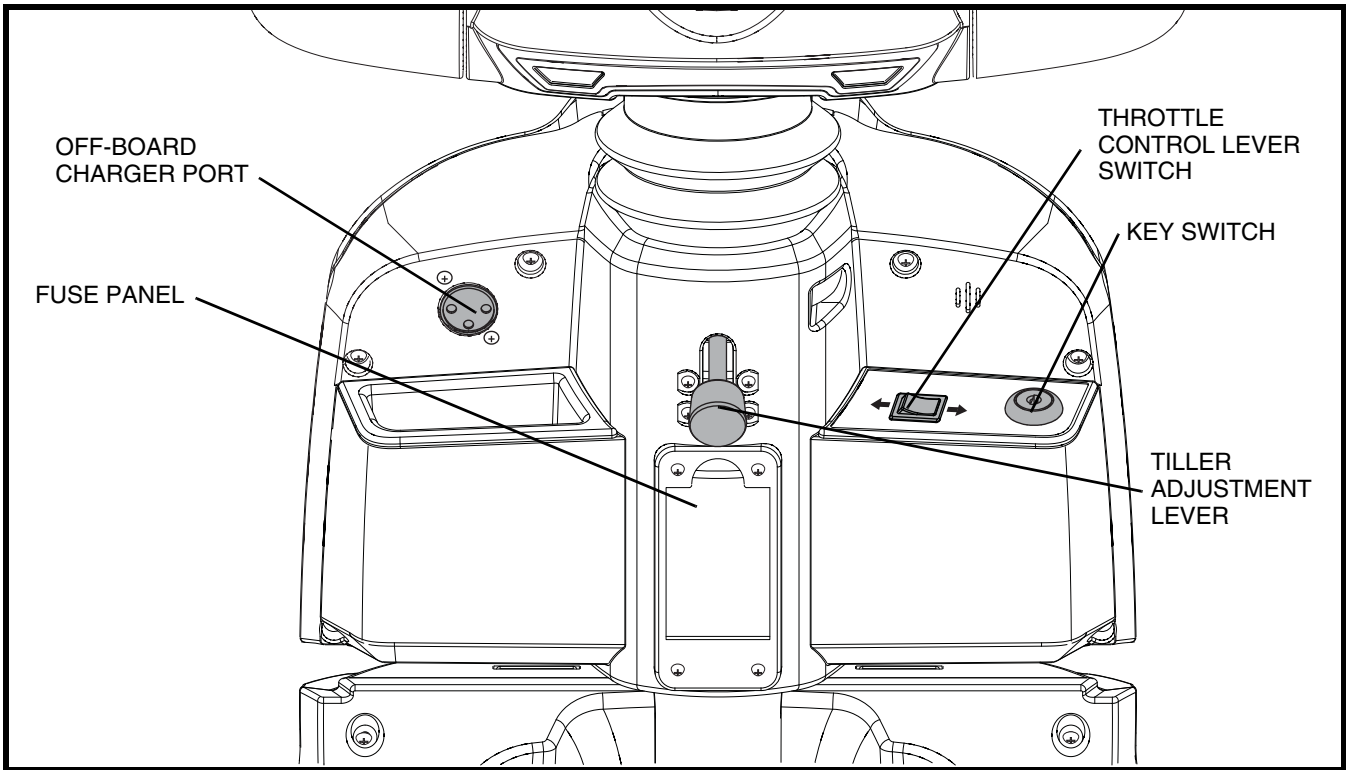


Figure 6. Throttle Control Lever Switch

Throttle Control Lever Switch

This switch dictates which throttle control lever (left or right) will function. **See figure 6.**

- Toggle the switch to the left to activate the left throttle control lever.
- Toggle the switch to the right to activate the right throttle control lever.

NOTE: *Only one throttle control lever will function at a time.*

Key Switch

- Insert the key into the key switch and turn it clockwise to power up (turn on) your scooter. **See figure 6.**
- Turn the key anticlockwise to power down (turn off) your scooter.



WARNING! If the key is turned to the "off" position while your scooter is in motion, the electronic brakes will engage and your scooter will come to an abrupt stop!

Off-board Charger Port

The off-board charger power lead plugs into this port during battery charging. The off-board charger port will be located on the tiller. **See figure 6.**

Tiller Adjustment Lever

See VI. "Comfort Adjustments".

III. YOUR SCOOTER

Electrical System Fuses

Your scooter is equipped with a series of electrical system fuses, which help protect the off-board charging system, key switch, and lighting system from receiving an overload of electrical current. These fuses are the same type used in automobiles and are located in a compartment on the tiller. See **figure 7**.

NOTE: *Keep all electrical areas clean and free of moisture and foreign material.*

Water Bottle Holder

The water bottle holder is intended to hold a standard size, plastic water bottle. The holder can be attached to either side of the scooter using the supplied hardware. See **figure 8**.

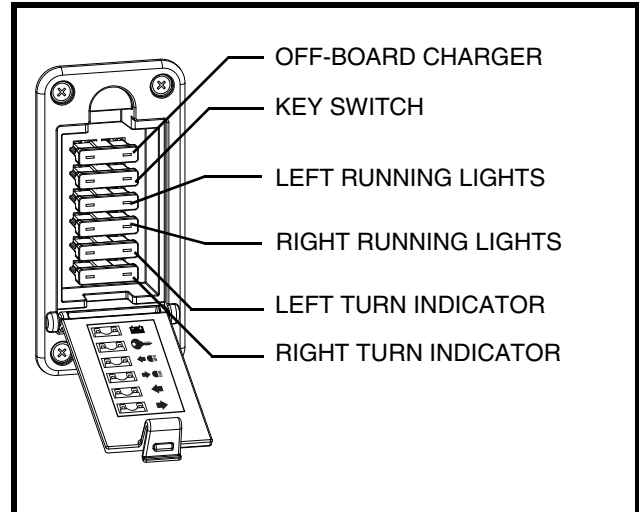


Figure 7. Tiller Console Fuses

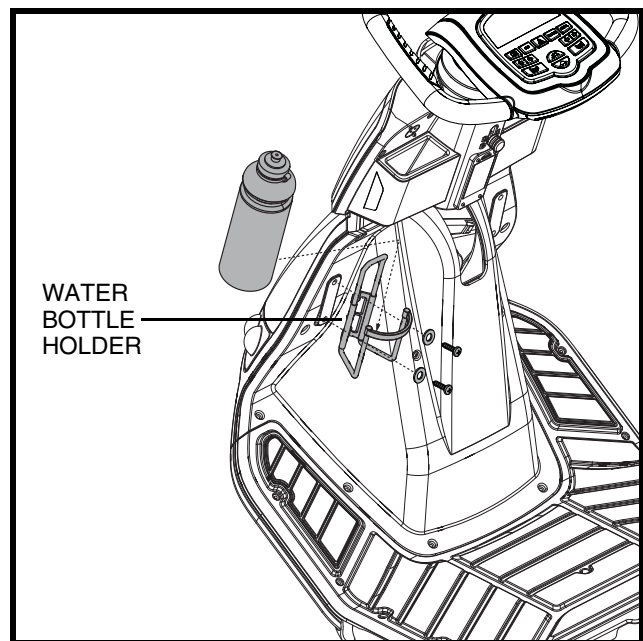


Figure 8. Water Bottle Holder (bottle not included)

III. YOUR SCOOTER

REAR SECTION

The batteries, motor/transaxle assembly, and the manual freewheel lever are located on the rear section of your scooter. See **figure 9**.

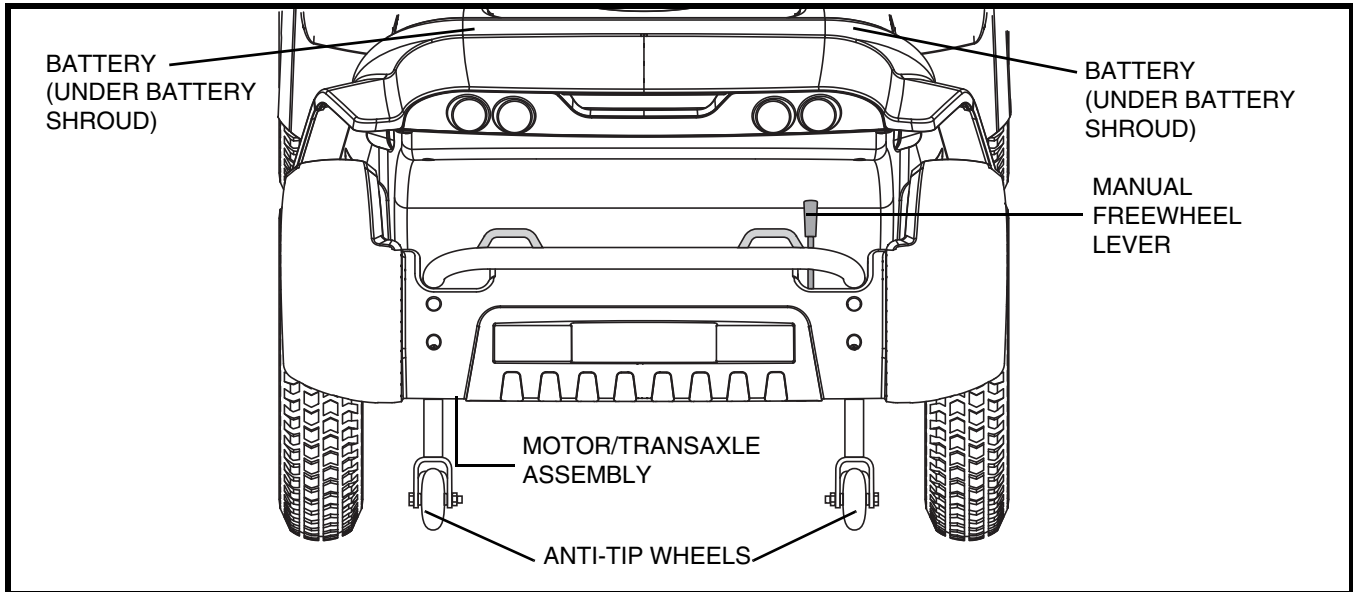


Figure 9. Rear Section

Batteries

The batteries store electrical energy that powers your scooter. See IV. “Batteries and Charging” for information on how to charge your scooter batteries. See **figures 9 and 15**.

Motor/Transaxle Assembly

The motor/transaxle assembly is an electromechanical unit that converts electrical energy from your scooter’s batteries into the controlled mechanical energy that drives the scooter’s wheels.

Manual Freewheel Lever

Whenever you need or want to push your scooter for short distances, you can put it in freewheel mode.

1. Remove the key from the key switch.
2. Push forward on the manual freewheel lever to disable the drive system and the brake system. This will enable you to push the scooter.
3. Pull back on the manual freewheel lever to reengage the drive and the brake systems and take your scooter out of freewheel mode.



WARNING! When your scooter is in freewheel mode, the braking system is disengaged.

- Disengage the drive motors only on a level surface.
- Ensure the key is removed from the key switch.
- Stand to the side of the scooter to engage or disengage freewheel mode. Never sit on a scooter to do this.
- After you have finished pushing your scooter, always return it to the drive mode to lock the brakes.

NOTE: If the scooter is placed in freewheel mode (manual freewheel lever forward) while the key is in the “on” position, the scooter will not run until the manual freewheel lever is pushed rearward and the key is turned to the “off” position, then back to the “on” position.

III. YOUR SCOOTER

Anti-tip Wheels

The anti-tip wheels are an integral and important safety feature designed to help prevent your scooter from tipping rearward on an incline. They are bolted to the frame at the rearmost part of your scooter.



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



WARNING! The anti-tip wheels may cause interference with the smooth transition of your scooter when ascending or descending a kerb. Contact your authorised Pride Provider for more information.

Main Circuit Breaker

When the voltage in the batteries becomes low or your scooter is heavily strained because of excessive loads, the main circuit breaker may trip to protect the motor and electronics from damage. When the breaker trips, the entire electrical system shuts down. **See figure 10.**

- The reset lever flips down when the breaker trips.
- Allow a minute or so for the electronics to “rest.”
- Push the reset lever up until you hear a click to reset the breaker.
- If the breaker trips frequently, you may need to charge the batteries more often or have your authorised Pride Provider perform a load test on the batteries.
- If the main circuit breaker trips repeatedly, see your authorised Pride Provider for service.

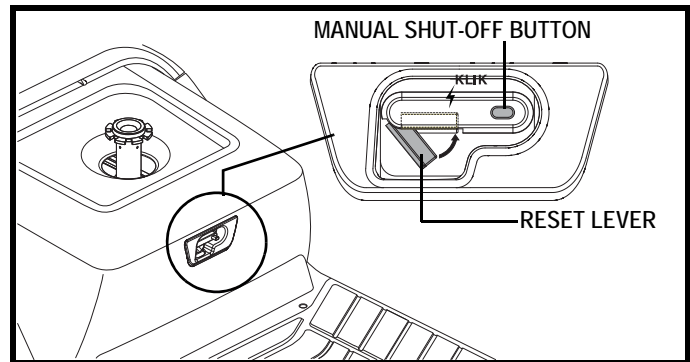


Figure 10. Main Circuit Breaker

NOTICE: *If you are preparing the scooter for transport or service, or if there is a situation that requires you to manually shut down the electrical system, press the manual shut-off button on the circuit breaker. This will cut all power to the scooter.*

III. YOUR SCOOTER

SECURING THE SCOOTER

Always secure the scooter in a forward-facing position in the vehicle. Attach the four tie-down straps to the designated securement points. **See figures 11 and 11A.** Tighten the straps to sufficiently remove all slack. Never attach tie-downs to adjustable, moving, or removable parts of the scooter such as armrests, shrouds, and wheels. These items should be removed. Position the anchor points for the rear tie-down straps directly behind the rear securement points on the scooter. The front tie-down straps should anchor to floor points that are spaced wider than the scooter to provide increased lateral stability.



WARNING! Ensure scooters are properly secured to the motor vehicle during transport. Scooters that are not properly secured can become a hazard to the user and to other vehicle passengers in the event of a crash, sudden stopping, or swerving, as the scooter could tip or slide out of place.

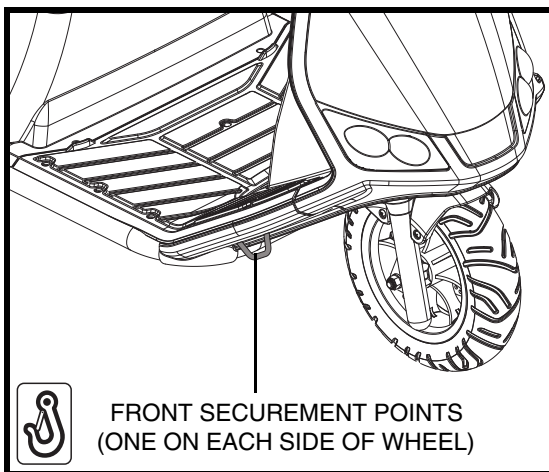


Figure 11. Front Section

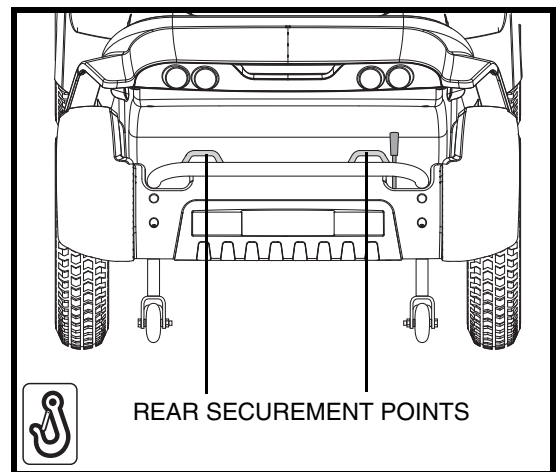


Figure 11A. Rear Section

IV. BATTERIES AND CHARGING

BATTERIES AND CHARGING

Your scooter requires two long-lasting, 12-volt, deep-cycle batteries that are sealed and maintenance free. They are recharged by an off-board charging system.

- Charge your scooter's batteries prior to using it for the first time.
- Keep the batteries fully charged to keep your scooter running smoothly.

READING YOUR BATTERY VOLTAGE

The battery condition meter on the tiller console indicates the approximate strength of your batteries. To ensure the highest accuracy, the battery condition meter should be checked while operating your scooter at full speed on a dry, level surface. **See figure 12.**

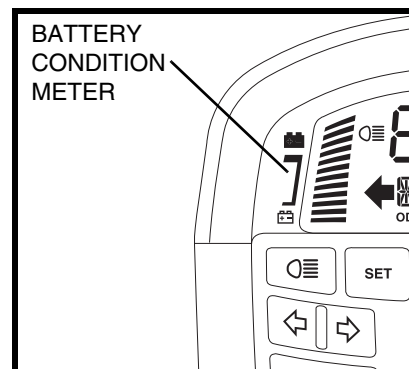


Figure 12. Battery Condition Meter

CHARGING YOUR BATTERIES



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 scooter while the batteries are charging. Pride recommends that you do not charge the batteries while the scooter 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 scooter 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 scooter'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! If the battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots.

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 heat.



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.

IV. BATTERIES AND CHARGING

Follow these easy steps to charge the batteries:

1. Position the front of your scooter close to a standard electrical outlet.
2. Remove the key from the key switch.
3. Make sure that the manual freewheel lever is in the drive position.
4. Plug the 3-pin charger power lead into the off-board charger port. **See figures 6 and 13.**
5. Extend the charger power lead and plug it into the electrical outlet. We recommend that you charge the batteries for 8 to 14 hours.
6. When the batteries are fully charged, unplug the charger power lead from the electrical outlet and then from the off-board charger port.

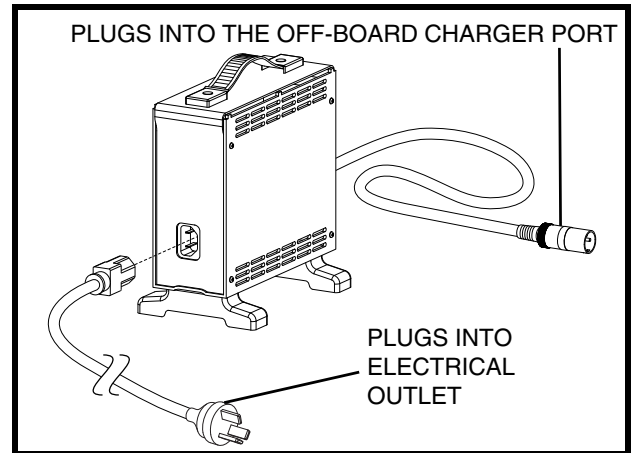


Figure 13. Off-board Charger

NOTE: The LED lights on the charger indicate different charger conditions at various times: charger power on, charging in progress, and charging complete. Refer to the manual supplied with the charger for a complete explanation of these indicators.

NOTE: There is a charger inhibit function on your scooter. The scooter will not run and the battery condition meter will not operate while the batteries are charging.

FREQUENTLY ASKED QUESTIONS

How does the charger work?

When your scooter's battery voltage is low, the charger works harder, sending more electrical current to the batteries to bring up their charge. As the batteries approach a full charge, the charger sends less and less electrical current. When the batteries are fully charged, the current sent from the charger is at nearly zero amperage. Therefore, when the charger is plugged in, it maintains the charge on your scooter's batteries, but does not overcharge them. We do not recommend that you charge your scooter's batteries for more than 24 consecutive hours.

Can I use a different charger?

Chargers are selected precisely for particular applications and are especially matched to the type, size and chemical formulation of specific batteries. For the safest and most efficient charging of your scooter's batteries we recommend only use of the charger supplied as original equipment with your Pride product. Any charging method resulting in batteries being charged individually is especially prohibited.

What if my scooter's batteries won't charge?

- Ensure the red (+) and black (-) battery cables are connected properly to the battery terminals.
- Ensure both ends of the charger power lead are inserted fully.

How often must I charge the batteries?

Two major factors must be considered when deciding how often to charge your scooter's batteries:

- All day scooter use on a daily basis.
- Infrequent or sporadic scooter use.

IV. BATTERIES AND CHARGING

With these considerations in mind, you can determine how often and for how long you should charge your scooter's batteries. We designed the off-board charger so that it will not overcharge your scooter's batteries. However, you may encounter some problems if you do not charge your batteries often enough and if you do not charge them on a regular basis.

Following the guidelines below will provide safe and reliable battery operation and charging:

- If you use your scooter daily, charge its batteries as soon as you finish using it for the day. Your scooter will be ready each morning. We recommend that you charge your scooter's batteries for 8 to 14 hours after daily use.
- If you use your scooter once a week or less, charge its batteries at least once a week for 12 to 14 hours at a time.
- Keep your scooter's batteries fully charged.
- Avoid deeply discharging your scooter's batteries.

How can I ensure maximum battery life?

Fully charged deep-cycle batteries provide reliable performance and extended battery life. Keep your scooter's batteries fully charged whenever possible. Protect your scooter and batteries from extreme heat or cold. 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.

How can I get maximum range or distance per charge?

Rarely will you have ideal driving conditions—smooth, flat, hard driving surfaces with no wind or curves. Often, you will face hills, pavement cracks, uneven and loosely packed surfaces, curves, and wind, all of which affect the distance or running time per battery charge. Below are a few suggestions for obtaining the maximum range per battery charge.

- Always fully charge your scooter's batteries prior to daily use.
- Maintain but do not exceed the psi/bar/kPa air pressure rating indicated on each tyre.
- Plan your route ahead to avoid as many hills, cracked, broken, or soft surfaces as possible.
- Limit your baggage weight to essential items.
- Try to maintain an even speed while your scooter is in motion.
- Avoid stop-and-go driving.

What type and size of battery 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. Do not use wet-cell batteries, which have removable caps.



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

NOTE: *Sealed batteries are not serviceable. Do not remove the caps.*

IV. BATTERIES AND CHARGING

How do I change a battery in my scooter?



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! 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.

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



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

WARNING! Do not replace the batteries while the scooter is occupied.

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



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

You may need the following to change your batteries:

- Metric/standard socket set and ratchet
- Adjustable spanner



WARNING! Do not lift beyond your physical capability. Ask for assistance when necessary while disassembling or assembling your scooter.

1. Remove the seat by lifting it straight up and off of the scooter. If you encounter resistance when removing the seat, disengage the seat rotation lever and swivel the seat back and forth while lifting up on the seat.
2. Remove the rear shroud by lifting it straight up and off the scooter. The shroud is secured to the scooter with reusable fasteners and two thumbscrews. **See figure 14.**

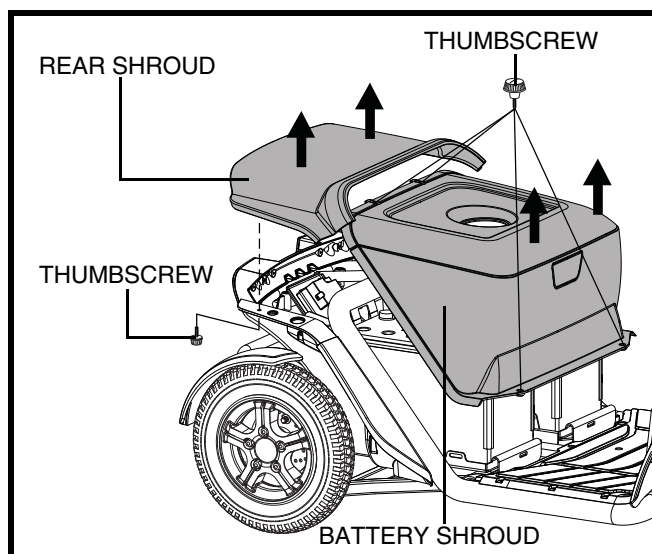


Figure 14. Shroud Removal/Installation

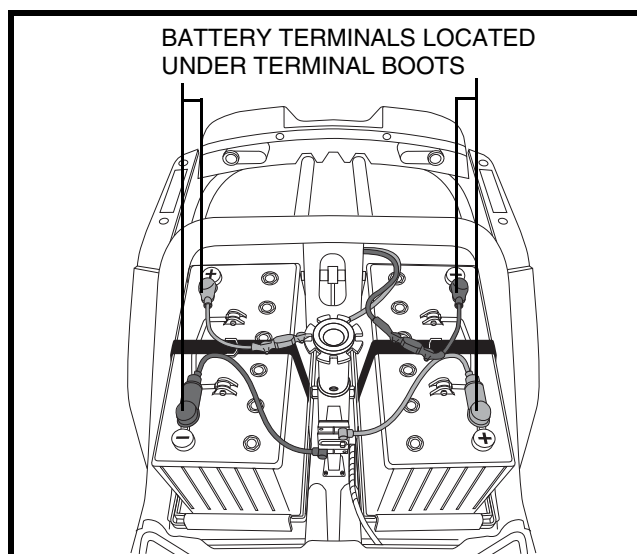


Figure 15. Battery Cable Removal/Replacement

IV. BATTERIES AND CHARGING

3. Remove the battery shroud by removing the four (4) thumbscrews that secure it to the scooter frame, and then lifting the shroud straight up and off of the scooter. **See figure 14.**
4. Disconnect the battery tie-down straps. **See figures 16 and 16A.**
5. Disconnect the battery cables from the battery terminals by sliding back the terminal boots and unscrewing the nut from the bolt. **See figure 15.**
6. Remove the old batteries from the battery wells.
7. Place a new battery in each battery well. Face the battery terminals of each battery away from the seat post. **See figure 15A.**
8. Reconnect the battery tie-down straps. See “Battery Strap Routing” below for correct battery strap installation.
9. Connect the red battery cable to the positive (+) battery terminal on each battery.
10. Connect the black battery cable to the negative (-) battery terminal on each battery.
11. Reposition the terminal boots over the battery terminals.
12. Reinstall the battery shroud, the rear shroud, and the seat.

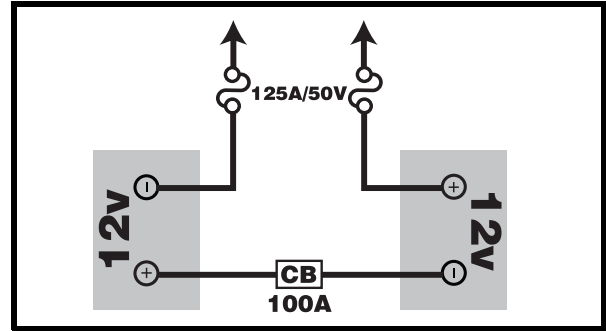


Figure 15A. Battery Wiring Diagram

NOTE: If you encounter a damaged or cracked battery, immediately enclose it in a plastic bag. Contact your local waste disposal agency or your authorised Pride Provider for instructions on disposal and battery recycling, which is our recommended course of action.

Battery Strap Routing

To correctly secure the batteries, it is essential to use the correct length strap for front-to-back and side-to-side securement.

- The long strap is used for front-to-back battery securement.
- The short strap is used for side-to-side battery securement.

1. Route the front-to-back strap first by inserting it through the front slot of the battery well, ensuring the reusable fastener side is facing down, and then through the rear slot of the battery well. **See figure 16.**
2. Pull the strap toward the front of the battery well and route it through the D-ring.
3. Route the side-to-side strap in the same fashion as the front-to-back strap. Ensure the side-to-side strap runs over the top of the front-to-back strap. **See figure 16A.**

NOTE: Ensure there is enough slack in both straps so the battery can fit into the battery well, under the straps.

4. Place the battery into the battery well under both straps. **See figure 16B.** This may require two people.



WARNING! The battery straps should never be positioned under the battery.

NOTE: Before securing both straps, ensure the D-ring is positioned as shown in figure 16. The D-ring should be positioned within 2.54 cm (1 in.) of, but never touch the battery well.

5. Pull the front-to-back strap tight toward the rear of the scooter before securing the reusable fastener. Place any excess strap behind the battery.
6. Pull the side-to-side strap tight toward the inside of the scooter before securing the reusable fastener. Place any excess strap to the inside (near seat post) of the battery.

IV. BATTERIES AND CHARGING

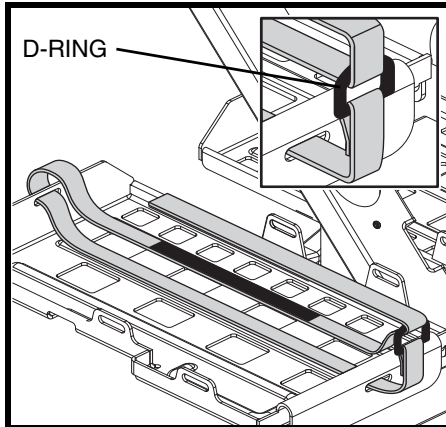


Figure 16. Front-To-Back Strap

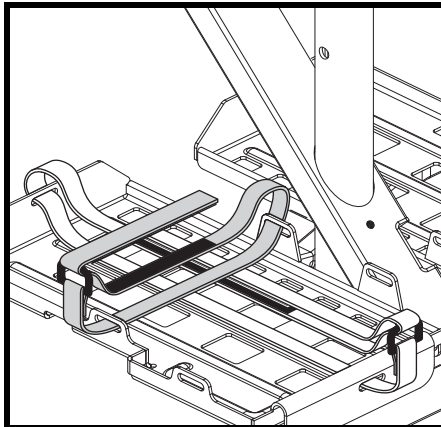


Figure 16A. Side-to-Side Strap

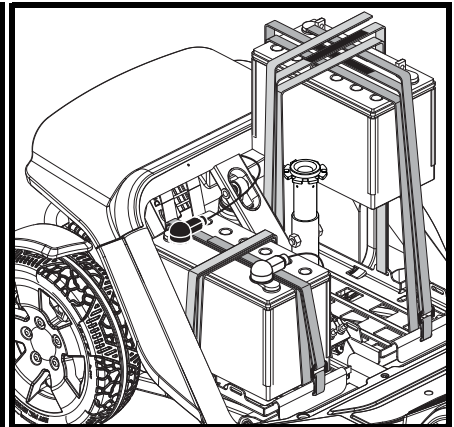


Figure 16B. Battery Installed

Why do my new batteries seem weak?

Deep-cycle batteries employ a different chemical technology than that used in car batteries, nickel-cadmium batteries (nicads), and other common battery types. Deep-cycle batteries are specifically designed to provide power, drain down their charge, and then accept a relatively quick recharge.

We work closely with our battery manufacturer to provide batteries that best suit your scooter's specific electrical demands. Fresh batteries are shipped fully charged to our customers. During shipping, the batteries may encounter temperature extremes that can influence their initial performance. Heat diminishes the charge on the battery; cold slows the available power and extends the time needed to recharge the battery.

It may take a few days for the temperature of your scooter's batteries to stabilise and adjust to their new room or ambient temperature. More importantly, it takes a few charging cycles (partial draining followed by full recharging) to establish the critical chemical balance that is essential to a deep-cycle battery's peak performance and long life.

Follow these steps to properly break in your scooter's new batteries for maximum efficiency and service life:

1. Fully recharge any new battery prior to its initial use. This charging cycle brings the battery up to about 88% of its peak performance level.
2. Operate your new scooter in familiar and safe areas. Drive slowly at first, and do not travel too far from your home or familiar surroundings until you have become accustomed to your scooter's controls and have properly broken in your scooter's batteries.
3. Fully recharge the batteries. They should be at over 90% of their peak performance level.
4. Operate your scooter again.
5. Fully recharge the batteries again.
6. After four or five charging cycles, the batteries are able to receive a charge of 100% of their peak performance level and are able to last for an extended period of time.

What about public transport?

If you intend to use public transportation with your scooter, you must contact the transportation provider in advance to determine their specific requirements.

V. OPERATION

BEFORE GETTING ONTO YOUR SCOOTER

- Have you fully charged the batteries? See IV. “Batteries and Charging”.
- Is the manual freewheel lever in the drive (rearward) position? Never leave the manual freewheel lever pushed forward unless you are manually pushing your scooter.

GETTING ONTO YOUR SCOOTER

1. Make certain that the key is removed from the key switch.



WARNING! Never attempt to get onto or off of your scooter without first removing the key from the key switch. This will prevent the scooter from moving if accidental throttle control lever contact is made.

2. Stand at the side of your scooter.
3. Disengage the seat rotation lever and rotate the seat until it is facing you.
4. Make certain that the seat is fixed securely in position.
5. Position yourself comfortably and securely in the seat.
6. Disengage the seat rotation lever and rotate the seat until you are facing forward.
7. Make certain that the seat is fixed securely in position.
8. Make certain that your feet are safely on the floorboard.

PRE-RIDE ADJUSTMENTS AND CHECKS

- Is the seat at the proper height? See VI. “Comfort Adjustments”.
- Is the seat fixed securely in position?
- Is the tiller at a comfortable setting and locked securely in place? See VI. “Comfort Adjustments”.
- Is the key fully inserted into the key switch and turned clockwise to the “on” position?
- Does the horn work properly?
- Is your proposed path clear of people, pets, and obstacles?
- Have you planned your route to avoid adverse terrain and as many inclines as possible?

OPERATING YOUR SCOOTER

WARNING! The following can adversely affect steering and stability while operating your scooter, resulting in loss of control, tipping, and/or personal injury:

- Holding onto or attaching a leash to walk your pet
- Carrying passengers (including pets)
- Hanging any article from the tiller
- Towing or being pushed by another motorised vehicle



WARNING! Higher Rollover Risk! Avoid abrupt manoeuvres at excessive speed. It is recommended that you set the speed adjustment dial to the lowest setting until you become familiar with scooter controls and operation.

WARNING! Keep both hands on the tiller and your feet on the floorboard at all times while operating your scooter. This driving position gives you the most control over your vehicle.

- Set the speed adjustment dial to your desired speed.
- Squeeze the the throttle control lever.
- The electromechanical disc park brake automatically disengages and the scooter accelerates smoothly to the speed you preselected with the speed adjustment dial.
- Pull on the left handgrip to steer your scooter to the left.
- Pull on the right handgrip to steer your scooter to the right.

V. OPERATION

- Move the tiller to the centre position to drive straight ahead.
- To stop, slowly release the throttle control lever. The electronic brakes will automatically engage, bringing your scooter to a stop.

NOTE: *Your scooter's reverse speed is slower than that of the forward speed you preset with the speed adjustment dial.*

GETTING OFF OF YOUR SCOOTER

1. Bring your scooter to a complete stop.
2. Power down your scooter and remove the key from the key switch.
3. Disengage the seat rotation lever and rotate the seat until you are facing toward the side of your scooter.
4. Make certain that the seat is fixed securely in position.
5. Carefully and safely get out of the seat and stand to the side of your scooter.
6. You can leave the seat facing to the side to facilitate boarding your scooter next time.

POWER DOWN TIMER FEATURE

Your scooter is equipped with an energy saving automatic power down timer feature designed to preserve your scooter's battery life. If you mistakenly leave the key in the key switch and in the "on" position but do not use your scooter for approximately 20 minutes, the scooter's controller shuts down automatically. Although the controller is shut down, power will still be supplied to the scooter's lighting system.

If the power down timer feature takes effect, perform the following steps to resume normal operation:

1. Turn the key to the "off" position.
2. Turn the key to the "on" position.

VI. COMFORT ADJUSTMENTS

TILLER ANGLE ADJUSTMENT



WARNING! Remove the key from the key switch before adjusting the tiller or the seat. Never attempt to adjust the tiller or the seat while the scooter is in motion.

Your scooter is equipped with an adjustable pivoting tiller.

To Adjust the tiller angle:

1. Pull up on the tiller adjustment lever. **See figure 17.**
2. Move the tiller to a comfortable position.
3. Release the tiller adjustment lever.

NOTE: In order to fully lower the tiller for purposes of disassembly or transport, you must first completely remove the seat.

TILLER HEIGHT ADJUSTMENT

The height of the tiller console can be adjusted up or down to a comfortable driving level.



WARNING! This procedure should only be performed by an authorised Pride Provider.

To adjust the tiller height:

1. Insert a 5 mm hex key into the opening on the side of the tiller and loosen the bolt. **See figure 18.**
2. Move the tiller up or down to a comfortable position.
3. Tighten the bolt.

CONSOLE ANGLE ADJUSTMENT

The console can be adjusted to a comfortable driving angle.



WARNING! This procedure should only be performed by an authorised Pride Provider.

To adjust the console angle:

1. Insert a 6 mm hex key into the opening on the side of the tiller and loosen the bolt. **See figure 18.**
2. Adjust the tiller to a comfortable driving position.
3. Tighten the bolt.

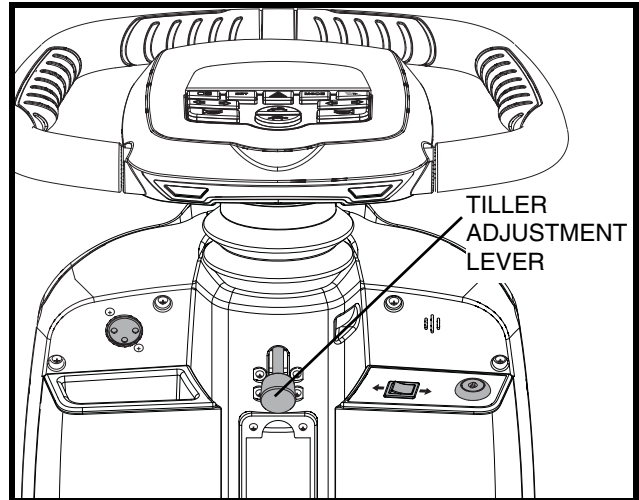


Figure 17. Tiller Adjustment

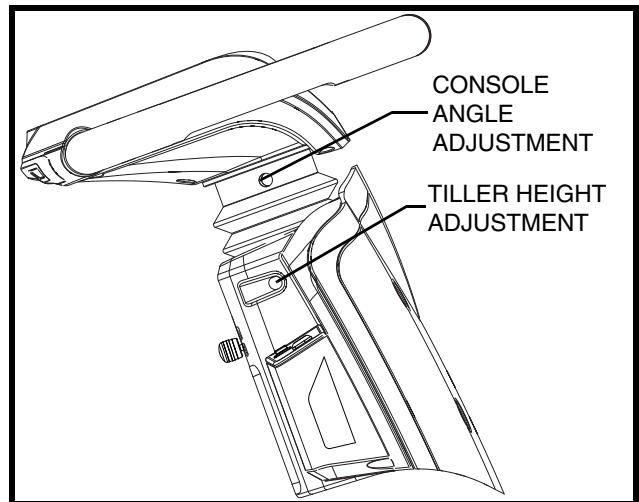


Figure 18. Tiller Height/Console Angle Adjustments

VI. COMFORT ADJUSTMENTS

MIRROR POSITION

To install the mirrors (see figure 19):

1. Insert the threaded end of the mirror holder into the appropriate opening and rotate it clockwise until snug.
2. If necessary, rotate the nut clockwise to secure the mirror into place.

To adjust the mirrors:

1. Position yourself in a seated driving position facing forward.
2. Adjust the mirror left, right, up, or down until you have a good line of sight behind you.

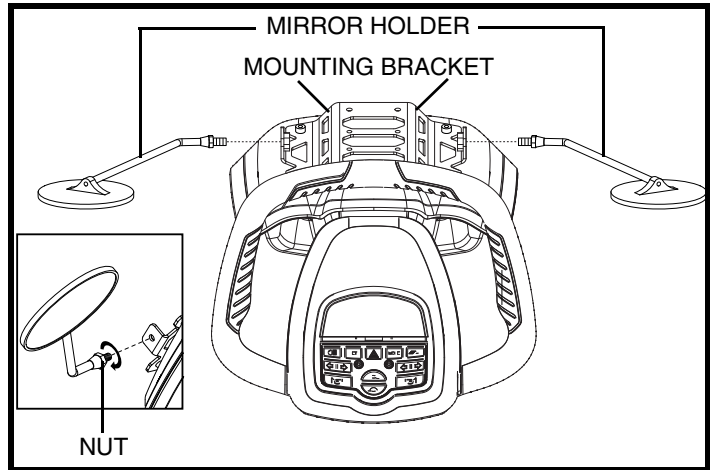


Figure 19. Mirror Installation and Positioning

SEATBACK ADJUSTMENT



WARNING! Do not operate your scooter with the seatback in a reclined position.

WARNING! Always keep your back pressed firmly against the seatback while adjusting the angle.

To adjust your scooter's reclining seat, perform these steps. **See figure 20.**

1. With your back pressed up against the seatback, lift up on the seatback adjustment lever and lean forward or rearward to adjust the seatback angle.
2. Release the seatback adjustment lever once the seat is in a comfortable riding position.

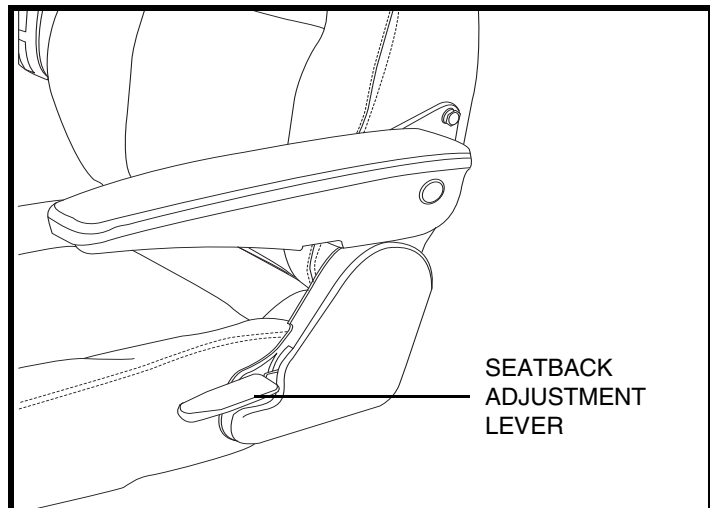


Figure 20. Seatback Adjustment

VI. COMFORT ADJUSTMENTS

SEAT ROTATION ADJUSTMENT

The seat rotation lever will secure the seat into several positions.

1. Push forward on the seat rotation lever to disengage the seat. **See figure 21.**
2. Rotate the seat to the desired position.
3. Release the lever to secure the seat into place.

FRONT-TO-BACK SEAT ADJUSTMENT

You can reposition the seat forward or rearward to adjust the distance between the seat and the tiller.

1. Move the seat sliding lever located at the lower left side of the seat outward. **See figure 21.**
2. While holding the lever out, slide the seat forward or rearward.
3. Release the seat sliding lever once the seat is in the desired position.

ARMREST ANGLE ADJUSTMENT

There is an armrest adjustment dial on the underside of each armrest. **See figure 21.**

NOTE: *The armrests also pivot upward to make getting on and off of your scooter easier.*

SEAT HEIGHT ADJUSTMENT

The seat can be repositioned to several different heights. **See figure 22.**

1. Remove the seat and/or shroud from your scooter.
2. Remove the seat height adjustment bolt.
3. Raise or lower the upper seat post to the desired seat height.
4. While holding the upper seat post at that height, match up the locating holes in the upper seat post with those of the lower seat post.
5. Insert the seat height adjustment bolt through the locating holes of both the upper and lower seat posts.
6. Reinstall the nut onto the seat height adjustment bolt and tighten.
7. Reinstall the rear shroud and the seat.

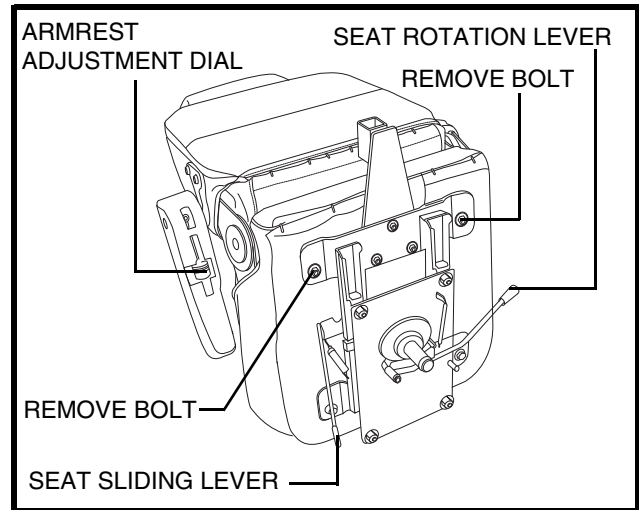


Figure 21. Seat Position Adjustments

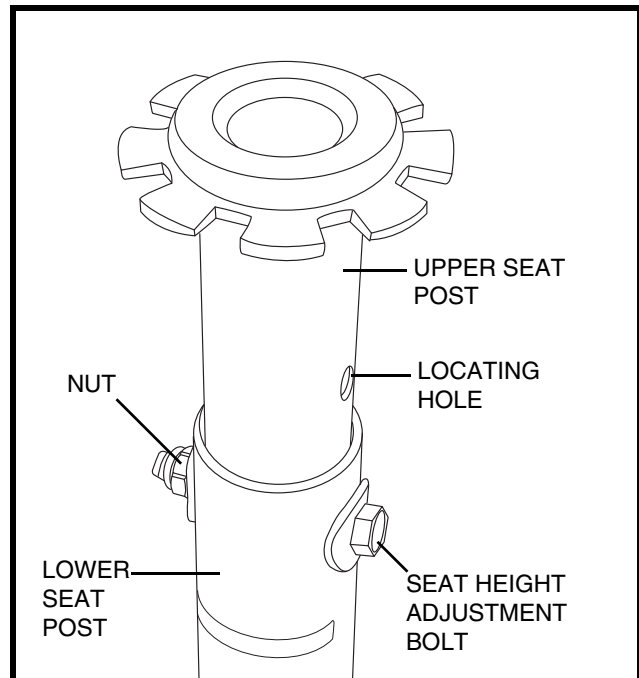


Figure 22. Seat Height Adjustment

VI. COMFORT ADJUSTMENTS

POSITIONING BELT (OPTIONAL)

Your scooter seat may be equipped with an auto-type positioning belt that can be adjusted for operator comfort. The positioning belt is designed to help support the operator so that he or she does not slide down or forward in the seat. The positioning belt is not designed for use as a restraining device.

To install the positioning belt (if required):

1. Remove the seat from your scooter.
2. Place the seat upside down so that you can see the bottom of the seat base. **See figure 21.**
3. Use a spanner to remove the two back bolts on the outermost part of the rear seat.
4. Insert the bolt through the appropriate ends of the positioning belt and then reinstall the bolts and belt back into the seat bottom.
5. Tighten the bolts.

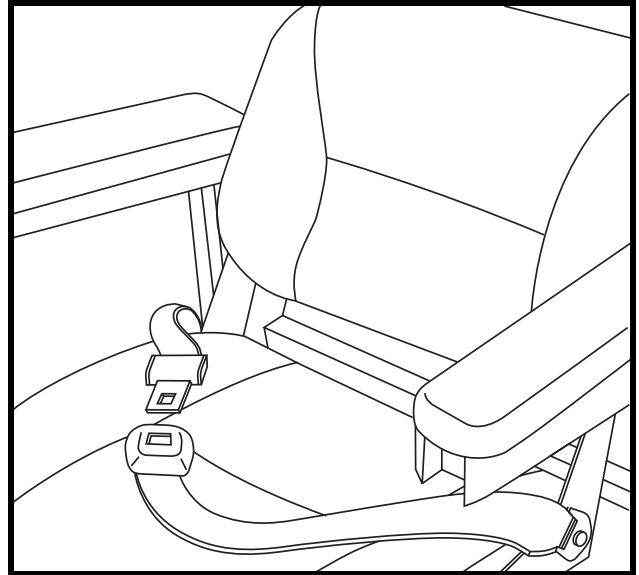


Figure 23. Positioning Belt

To adjust the positioning belt for operator comfort:

1. Insert the metal tab on the right side of the belt into the plastic housing on the opposite strap until you hear a “click.” **See figure 23.**
2. Pull the strap on the right side of the belt until it is secure, but not so tight as to cause discomfort.

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



MANDATORY! Inspect the positioning belt for loose or damaged parts before each use of the scooter. If you discover a problem, contact your authorised Pride Provider for maintenance and repair.

VII. BASIC TROUBLESHOOTING

Any electromechanical device occasionally requires some troubleshooting. However, most of the problems that may arise can usually be solved with a bit of thought and common sense. Many of these problems occur because the batteries are not fully charged or because the batteries are worn down and can no longer hold a charge.

DIAGNOSTIC FAULT CODES

The diagnostic fault codes for your scooter are designed to help you perform basic troubleshooting quickly and easily. A diagnostic fault code and error message will be displayed (see figure 24) in the event one of the conditions listed below develops.

NOTE: *Your scooter will not run unless the fault code condition is resolved and the scooter has been turned off, then turned back on*

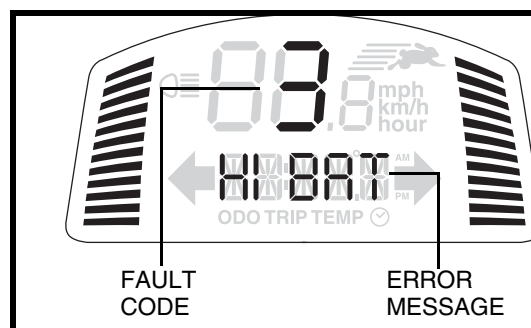


Figure 24. Fault Code Display

FAULT CODE	CONDITION	SOLUTION	ERROR MESSAGE
1	Batteries need charging	Charge batteries as soon as possible.	N/A
2	Low voltage, batteries need charge immediately	Charge batteries as soon as possible.	Lo BAT
3	Over Voltage	Unplug charger and/or turn scooter off, then back on.	HI BAT
4	Over Current	Turn scooter off for a few minutes, then turn scooter back on.	HI CUR
5	Park brake fault	Remove the key from the key switch, then push the manual freewheel lever to the drive (rearward) position and restart your scooter.	BRAKE
6	Throttle control lever not centred at start up	Return the throttle control lever to centre position, turn scooter off, then back on.	T POT
7	Throttle control lever broken or faulted	Contact your authorised Pride Provider.	T POT
8	Motor fault	Contact your authorised Pride Provider.	MOTOR
9	Other fault	Contact your authorised Pride Provider.	OTHER

What if all the systems on my scooter seem to be dead?

- Make certain that the key is in the “on” position.
- Check that the batteries are fully charged.
- Push the reset lever up until you hear a “click” to reset the breaker. See III. “Your Scooter”.
- Make certain that both battery harnesses are firmly connected.
- Be sure the power down timer feature has not been activated. See V. “Operation”.

VII. BASIC TROUBLESHOOTING

What if my scooter does not move when I engage the throttle control lever?

- When the manual freewheel lever is pushed forward, the brakes are disengaged and all power to the motor/transaxle assembly is cut.
- Push rearward on the manual freewheel lever, turn the scooter off, and then turn the scooter on to return to normal scooter operation.

What if the main circuit breaker repeatedly trips?

- If the main circuit breaker trips repeatedly, see your authorised Pride Provider for service.
- Charge the batteries more frequently. See IV. “Batteries and Charging”.
- If the problem continues, have both of your scooter’s batteries load tested by your authorised Pride Provider.
- You may also perform the load test yourself. Battery load testers are available at most automotive parts stores. Follow the directions supplied with the load tester.
- See IV. “Batteries and Charging” or the additional “Product Specifications Sheet” for information about your scooter’s battery type.

What if the battery condition meter dips way down and the motor surges or hesitates when I engage the throttle control lever?

- Fully charge your scooter’s batteries. See IV. “Batteries and Charging”.
- Have your authorised Pride Provider load test each battery.
- See the previous troubleshooting question for load testing the batteries yourself.

If you experience any problems with your scooter that you are not able to solve, immediately contact your authorised Pride Provider for information, maintenance, and service.

VIII. CARE AND MAINTENANCE

Your scooter requires a minimal amount of care and maintenance. If you do not feel confident in your ability to perform the maintenance listed below, you may schedule inspection and maintenance at your authorised Pride Provider. The following areas require periodic inspection and/or care and maintenance.

TYRE PRESSURE

- If equipped with pneumatic tyres, always maintain the psi/bar/kPa air pressure rating indicated on each tyre.



WARNING! It is important that the psi/bar/kPa air pressure rating indicated on each tyre be maintained in pneumatic tyres at all times. Do not underinflate or overinflate your tyres. Low pressure may result in loss of control, and overinflated tyres may burst. Failure to maintain the psi/bar/kPa air pressure rating indicated on the tyres at all times may result in tyre and/or wheel failure.

- Regularly inspect your scooter's tyres for signs of wear.

EXTERIOR SURFACES

Bumpers, tyres, and trim can benefit from an occasional application of a rubber or vinyl conditioner.



WARNING! Do not use a rubber or vinyl conditioner on the scooter's vinyl seat or tyre tread, as this may cause them to become dangerously slippery.

CLEANING AND DISINFECTION

- Use a damp cloth and mild, non-abrasive cleanser to clean the plastic and metal parts of your scooter. Avoid using products that may scratch the surface of your scooter.
- 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 scooter finishes.

BATTERY TERMINAL CONNECTIONS

- Make certain that the terminal connections remain tight and uncorroded.
- The batteries must sit flat in the battery wells.
- The battery terminals should face away from the seat post.

WIRING HARNESSES

- Regularly check all wiring connections.
- Regularly check all wiring insulation, including the charger power lead, for wear or damage.
- Have your authorised Pride Provider repair or replace any damaged connector, connection, or insulation that you find before using your scooter again.



PROHIBITED! Even though the scooter 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.



WARNING! Do not pull on electrical harnesses directly to detach them from the scooter. Always grasp the connector itself when disconnecting the harness to prevent wire damage.

VIII. CARE AND MAINTENANCE

WHEEL REPLACEMENT

If your scooter is equipped with pneumatic tyres and you have a flat tyre, you can have the tube replaced. If your scooter is equipped with a solid tyre insert, either the solid insert or the entire wheel must be replaced depending on the model. Contact your authorised Pride Provider for information regarding replacement wheels for your scooter.

WARNING! Wheels on your scooter should only be serviced/replaced by an authorised Pride Provider or qualified technician.

WARNING! Completely deflate pneumatic tyres before dismantling the wheel or attempting repair.



WARNING! Be sure that the key is removed from the key switch and the scooter is not in freewheel mode before performing this procedure.

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

Follow these easy steps for a quick and safe repair of both pneumatic and solid tyres:

1. Remove the key from the key switch.
2. Elevate the side of the scooter from which you are removing the tyre. Place wooden blocks under the frame to elevate the scooter.
3. If you are changing a pneumatic tyre, completely deflate it before removing the wheel.
4. Remove the drive wheel lug nuts from the hub. **See figure 25.**
5. Remove the wheel from the hub.
6. Remove the screws and separate the wheel halves. **See figure 26.**
7. Remove the old tube from the pneumatic tyre and replace it with a new tube or replace the entire assembly if it is a solid tyre. **See figure 26.**
8. Reassemble the wheel halves.
9. Slide the wheel back onto the hub. **See figure 25.**
10. Reinstall the lug nuts and tighten.



WARNING! Make sure all the lug nuts are tightened properly.

11. Inflate pneumatic tyres to the psi/bar/kPa air pressure rating indicated on each tyre.
12. Remove the block from beneath the scooter.

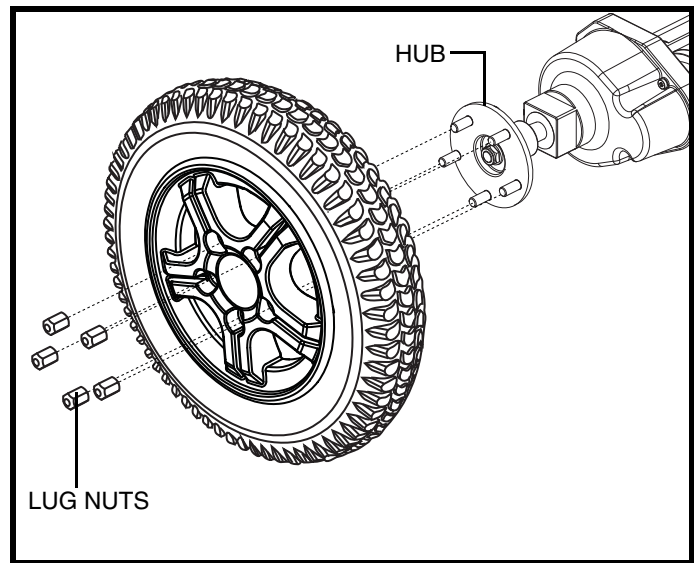


Figure 25. Drive Wheel Removal

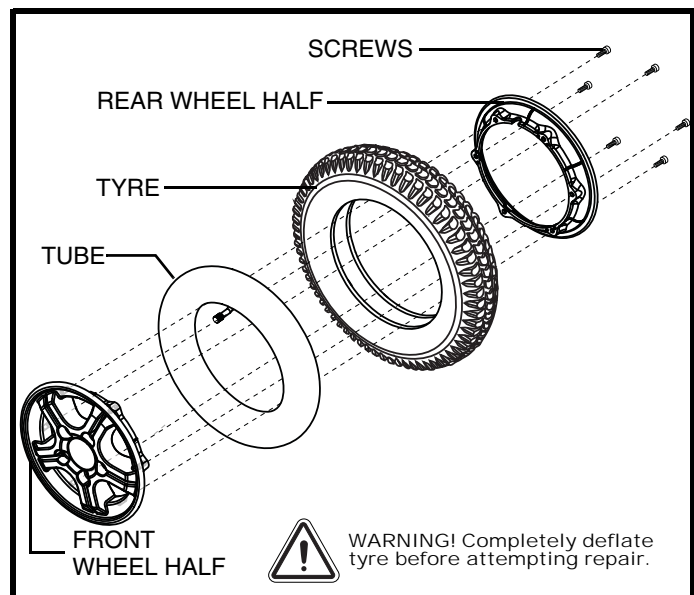


Figure 26. Drive Wheel Assembly

VIII. CARE AND MAINTENANCE

ABS PLASTIC SHROUDS

- The front tiller shroud, front shroud, and the rear shroud are formed from durable ABS plastic and are coated with an advanced formula urethane paint.
- A light application of car wax will help the shrouds retain their high gloss.

AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

These items are all prelubricated, sealed, and require no subsequent lubrication.

MOTOR BRUSHES

The motor brushes are housed inside of the motor transaxle/assembly. They should be inspected periodically for wear by your authorised Pride Provider.

CONSOLE, CHARGER, AND REAR ELECTRONICS

- Keep these areas free of moisture.
- Allow these areas to dry thoroughly if they have been exposed to moisture before operating your scooter again.

FUSE REPLACEMENT

In the event a fuse should cease to work:

1. Remove the fuse by pulling it out of its slot.
2. Examine the fuse to be sure it is blown. **See figures 27 and 27A.**
3. Insert a new fuse of the same rating.



WARNING! The replacement fuse must exactly match the rating of the fuse being replaced. Failure to use properly rated fuses may cause damage to the electrical system.

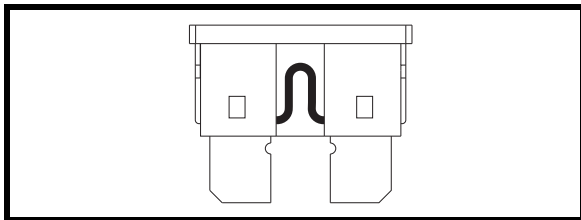


Figure 27. Working Fuse

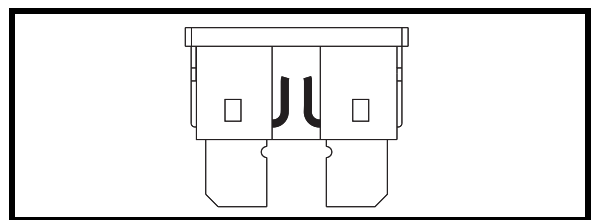


Figure 27A. Blown Fuse (Replace)

NYLON LOCK NUT REPLACEMENT

Any nylon insert lock nut removed during the periodic maintenance, assembly, or disassembly of the scooter 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.

VIII. CARE AND MAINTENANCE

STORING YOUR SCOOTER

If you plan on not using your scooter for an extended period of time, it is best to:

- Fully charge its batteries prior to storage.
- Disconnect the batteries from the scooter.
- Store your scooter in a warm, dry environment.
- Avoid storing your scooter where it will be exposed to temperature extremes.



WARNING! Always protect batteries from freezing temperatures and never charge a frozen battery. Charging a frozen battery can result in damage to the battery.

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 scooter batteries periodically throughout periods of prolonged storage to ensure proper performance.

You may wish to place several boards under the frame of your scooter 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 SCOOTER

Your scooter 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 packaging, metal frame components, plastic components, electronics, batteries, neoprene, silicone, and polyurethane materials.

IX. WARRANTY

TWO-YEAR LIMITED WARRANTY

Structural frame components including: platform, fork, seat post, and frame welds.

Drivetrain including: differential, motor, and brake.

ONE-YEAR LIMITED WARRANTY

Your Pride Scooter is fully guaranteed for twelve (12) months from the date of purchase against faults arising due to defects in manufacture or materials. This warranty does not detract from, but is in addition to your legal rights.

All electronic parts, including controllers and battery chargers, have a one (1) year warranty. Servicing to the controller or battery charger must be carried out by your authorised Pride Provider. Any attempt to open or dismantle these items renders the guarantee void on that item.

NOT COVERED UNDER WARRANTY

This guarantee does not extend to those items which may need replacement due to normal wear and tear (tyres, belts, bulbs, upholstery, plastic shrouds, motor brushes, fuses, and batteries), or damage to the product caused by misuse or accident for which Pride or its agent cannot be held responsible. This warranty does not include labour or service calls.

BATTERIES

Batteries are covered by a six (6) month warranty from the original manufacturer.

Gradual deterioration in performance due to being left in a discharged state, left in cold conditions for long periods of time, or worn out through heavy use is not covered.

SERVICE CHECKS AND WARRANTY SERVICE

Warranty service can be performed by an authorised Pride Provider. Please contact your authorised Pride Provider for advice on the current cost affecting the service visit.

REPLACEMENT UNITS

The availability of replacement units and/or spare parts is subject to the discretion of the provider, not the manufacturer. For more information regarding replacement units and/or spare parts, contact your authorised Pride Provider.

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Pride[®]

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