

Path Rider

Owner's Manual



3 and 4-wheel

The Ultimate In Style & Performance®

Pride
Mobility Products Australia Pty. Ltd.

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SAFETY GUIDELINES

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 that can cause personal injury, equipment and/or property damage (black symbol on yellow triangle with black border).



MANDATORY! These actions should be performed as specified. Failure to perform mandatory actions can cause injury to personnel and/or damage to equipment (white symbol on blue dot).



PROHIBITED! These actions are prohibited; do not perform at any time or in any situation. Performing a prohibited action can cause personal injury and/or equipment damage (black symbol with red circle and 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.



This product is manufactured by :
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USA

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INFMANU2838/Rev C/July 2006

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I . I N T R O D U C T I O N

SAFETY

Welcome to Pride Mobility Products Australia Pty. Ltd. (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 operations and service.

Read and follow all instructions, warnings, and notes in this manual and all other accompanying literature before attempting to operate this product for the first time. In addition, your **safety** depends upon you, as well as your provider, carer, 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.

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.
21 Healey Road
Dandenong, 3175
Victoria, 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. Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.



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



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



Maximum weight capacity.

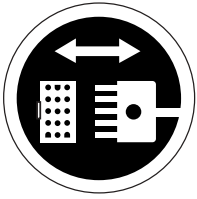


Unlocked and in freewheel mode.

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

Locked and in drive mode.

II. SAFETY



Front-to-rear plug orientation.



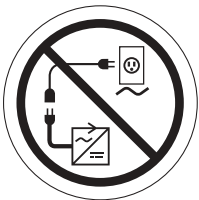
Do not remove anti-tip wheels.



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



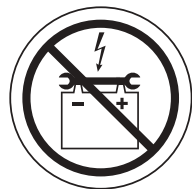
Removal of grounding prong can create electrical hazard. If necessary, properly install an approved 3-pronged adapter to an electrical outlet having 2-pronged plug access. Failure to heed could result in personal injury and/or property damage.



Prevent personal injury and equipment damage. Do not connect an extension cord to the AC/DC converter or the battery charger.



Use only AGM or Gel-Cell batteries.



Contact with tools can cause electrical shock.

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 manoeuvre 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. 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. Unauthorised modifications may result in personal injury and/or damage to your scooter.

REMOVABLE PARTS



WARNING! Prevent personal injury and/or product damage! Do not attempt to lift or move your scooter by any of its removable parts, including the armrests, seat, or shroud.

II. SAFETY

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.

Perform the following inspections prior to using your scooter:

- Check for proper tyre inflation (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 2-2.4 bar (30-35 psi) tyre pressure 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 2-2.4 bar (30-35 psi) tyre pressure in pneumatic tyres at all times may result in tyre and/or wheel failure, causing serious personal injury and/or damage to your scooter.

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 and/or personal injury.

WEIGHT LIMITATIONS

Your scooter is rated for a maximum weight capacity. Refer to the specifications table for information.



WARNING! Exceeding the weight capacity voids your warranty and may result in personal injury and damage to your scooter. 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 may result in personal injury and/or property damage.

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

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, resulting in personal injury and/or damage to 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.

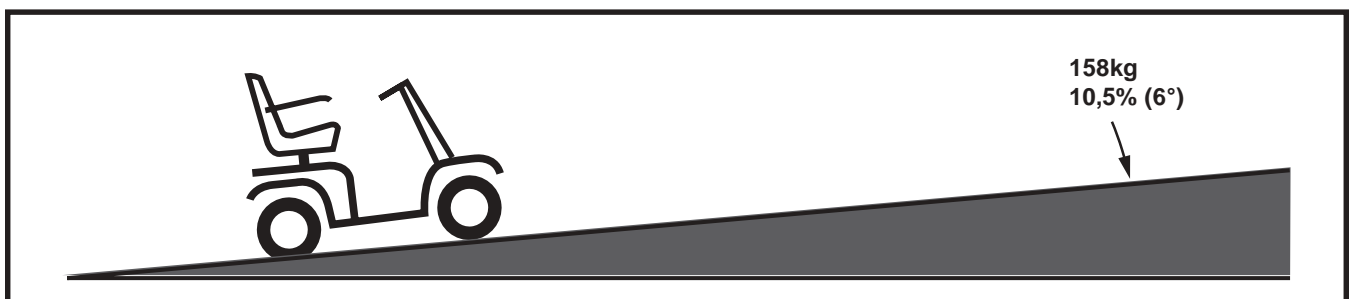


Figure 1. Maximum Recommended Incline Angle



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, resulting in personal injury.

WARNING! Never carry an oxygen tank weighing more than 6 kg. Never fill the front or rear basket with contents exceeding 6 kg.

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 "rollback" approximately 30.5 cm before the brake engages. If the throttle control lever is released while moving in reverse, the powered scooter may "rollback" approximately one metre before the brake engages.*

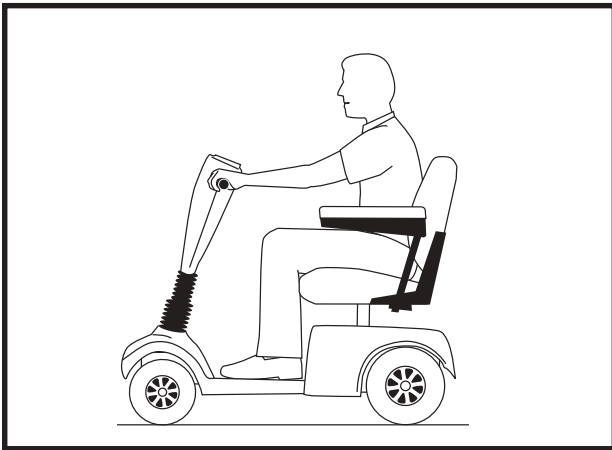


Figure 2. Normal Driving Position

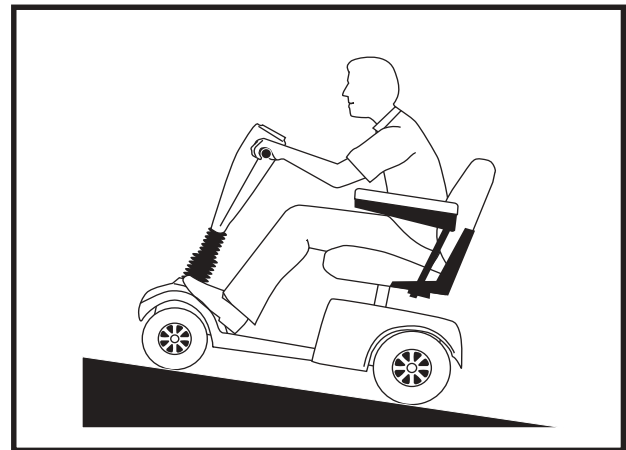


Figure 2A. Increased Stability Driving Position

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. When using your scooter at higher speeds, do not corner sharply. This greatly reduces the possibility of a tip or fall. To avoid personal injury or property damage, always exercise common sense when cornering.

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 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.

- Reduce your scooter's speed when 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.
- If you feel unsure about a driving surface, avoid that surface.

PUBLIC STREETS AND ROADWAYS



WARNING! Exercise extreme caution when operating the scooter on footpaths, pavements, bridleways, pedestrian areas and roads. Failure to heed could result in serious injury and/or damage to your scooter.

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. Serious personal injury and/or damage may result.

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

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! Do not attempt to negotiate a kerb that has a height greater than 5 cm.

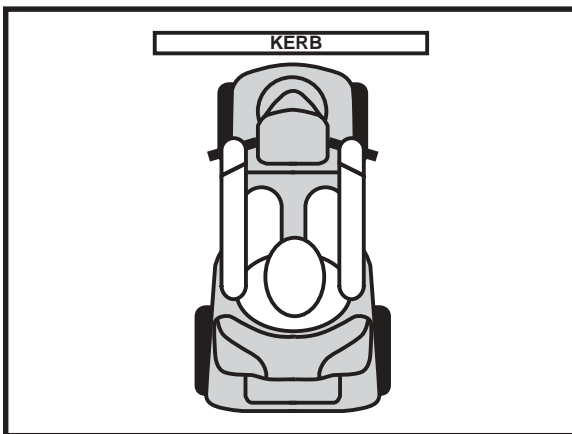


Figure 3. Correct Kerb Approach

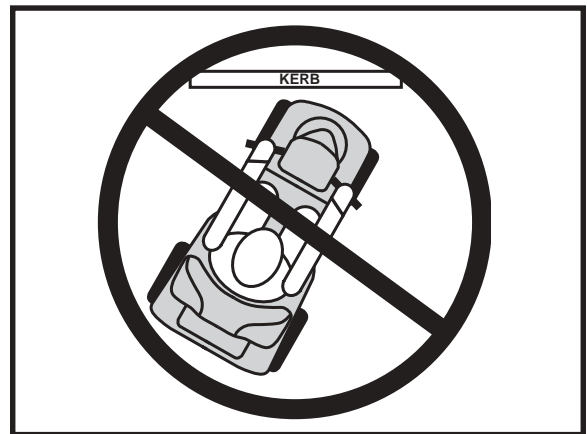


Figure 3A. Incorrect Kerb Approach

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.



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

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 IV. “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 behind 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.

Failure to heed the above could result in personal injury and/or damage to your scooter.

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.

STAIRS AND ESCALATORS

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



WARNING! Do not use your scooter to negotiate steps or escalators. You may cause injury to yourself and to others and/or damage your scooter.

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 rearwards 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 1500 mm, 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/ELEVATION PRODUCTS

If you will be traveling with your scooter, you may find it necessary to use a lift/elevation product to aid in transportation. Pride recommends that you closely review the instructions, specifications, and safety information set forth by the manufacturer of the lift/elevation product before using that product.



WARNING! Never sit on your scooter when it is being used in connection with any type of lift/elevation product. Your scooter was not designed with such use in mind and any damage or injury incurred from such use is not the responsibility of Pride.

BATTERIES

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

WARNING! Scooter batteries are heavy (refer to specifications table). Lifting weight beyond your capacity could result in personal injury. If necessary, get someone physically able to lift the scooter batteries for you.



WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

WARNING! Always protect the batteries from freezing and never charge a frozen battery. Charging a frozen battery may result in personal injury and/or damage to the battery.

WARNING! RED (+) cables must be connected to positive (+) battery terminals/posts. BLACK (-) cables must be connected to negative (-) battery terminals/posts. Failure to connect your battery harnesses in the proper manner may result in personal injury and/or damage to your scooter. REPLACE cables immediately if damaged.

BATTERY DISPOSAL AND RECYCLING

If you encounter a damaged or cracked battery, immediately enclose it in a plastic bag and call your authorised Pride Provider for instructions on disposal. Your authorised Pride Provider will also have the necessary information on battery recycling, which is our recommended course of action.

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. Failure to do so may result in personal injury.

II. SAFETY

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 properly secured.

WARNING! Although your scooter may be equipped with a positioning belt, this belt is not designed to provide restraint during motor vehicle transport. Anyone travelling 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. Personal injury and/or property damage may result.

WARNING! Always be sure your scooter and its batteries are properly secured when it is being transported. Failure to do so may result in personal injury and/or damage to your scooter.

GETTING ONTO AND OFF 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 your scooter:

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

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



WARNING! Prevent personal injury and product damage! 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.

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

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, possibly resulting in personal injury.

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

II. SAFETY

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. Serious personal injury may result if you fall from the scooter.

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

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.



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

ELECTROMAGNETIC AND RADIO FREQUENCY INTERFERENCE (EMI/RFI)



WARNING! Laboratory tests have shown that electromagnetic and radio frequency waves can have an adverse affect 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 Center 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. SPECIFICATIONS

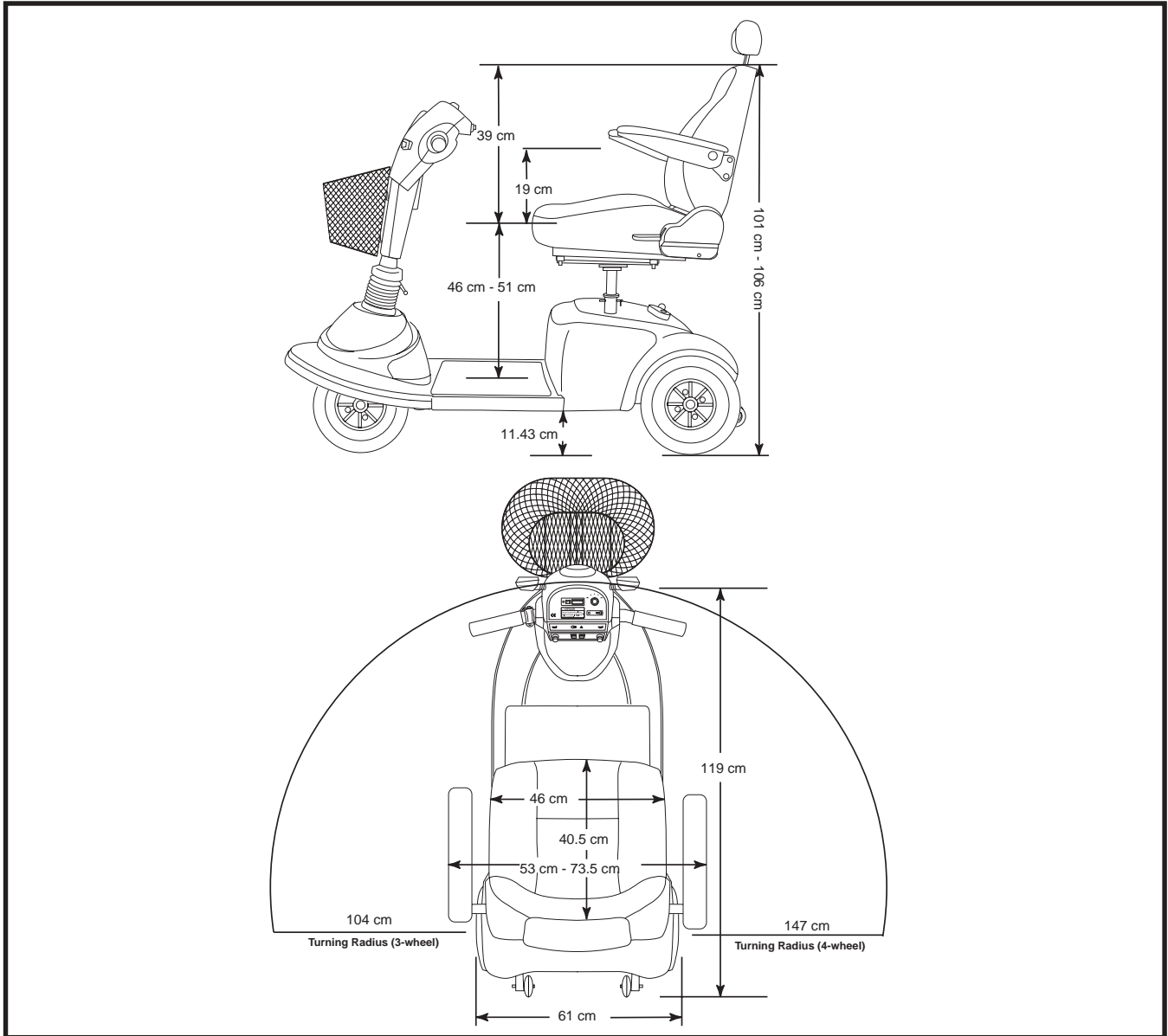


Figure 4. Pathrider Dimensions

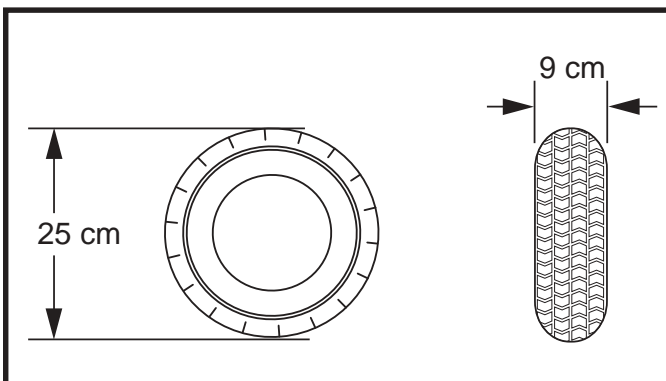


Figure 4A. Tyre Dimensions

III. SPECIFICATIONS

Model Numbers	3-wheel: SC1650AUS 4-wheel: SC1750AUS
Class of Use	B
Maximum Safe Slope	See figure 1
Maximum Climbing Ability	See figure 1
Maximum Obstacle Climbing Ability	5 cm
Available Colours	Red
Overall Length ²	3-wheel: 119 cm 4-wheel: 124 cm
Overall Width ²	61 cm
Total Weight Without Batteries	3-wheel: 46 kg 4-wheel: 52.5 kg
Heaviest Piece When Disassembled	Rear section: 20.5 kg
Turning Radius ²	3-wheel: 104 cm 4-wheel: 147 cm
Maximum Speed ¹	Up to 9.25 km/h; 60% reverse (may vary with terrain)
Range Per Charge ¹	Up to 31 km with 35 AH batteries
Ground Clearance ²	10 cm
Weight Capacity	158 kg maximum
Standard Seating	Type: Manual recline Dimensions: width 46 cm x depth 40.5 cm x height 39 cm (to top of headrest) Material: Vinyl
Drive System	Rear-wheel drive, 24V, sealed transaxle
Dual Braking System	Electronic, regenerative, and electromechanical
Wheels	Aluminum alloy
Tyres (front and rear)	9 cm x 25 cm
Battery Requirements	Type: 12V deep-cycle (AGM or Gel-Cell type recommended) Size: 35 AH, (40 AH optional)
Battery Weight	14.74 kg each
Battery Charger	Off-board

(1) Varies with user weight, terrain type, battery amp-hour (AH), battery charge, battery condition, and tyre condition.

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

NOTE: All specifications subject to change without notice.

IV. YOUR SCOOTER

Your Pathrider is an indoor/outdoor, motorized electric scooter designed to enhance your personal mobility. For easy transportation or storage, you can disassemble your scooter into seven components. See figure 5.

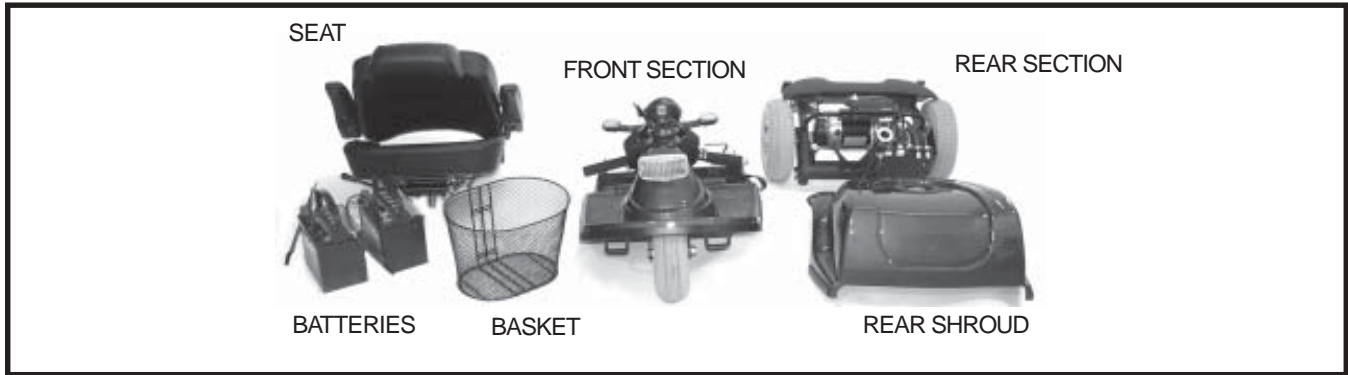


Figure 5. Pathrider Components

CONTROL CONSOLE ASSEMBLY

The control console assembly located on the front section houses all of the controls you need to operate your scooter. See figure 6.

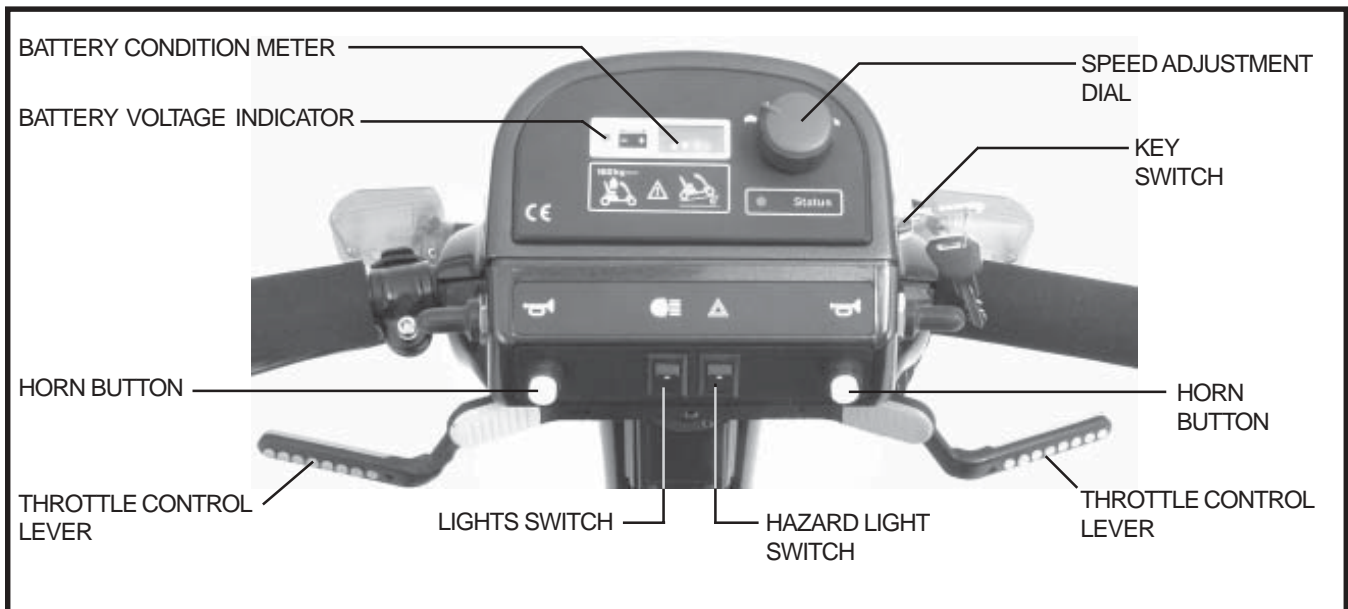


Figure 6. Control Console Assembly

Battery Condition Meter

When the key is fully inserted and turned clockwise to power up your scooter, this meter indicates the approximate battery voltage strength. For further information on battery charging, see V. "Batteries and Charging."

Battery Voltage Indicator

This warning light alerts you when the battery voltage drops below 21 volts.

IV. YOUR SCOOTER

Speed Adjustment Dial

This dial allows you to preselect and limit your maximum speed. Set the dial to one of five settings from the slowest (image of the tortoise) to the fastest (image of the hare) speed setting.

Key Switch

This switch enables you to power up (turn on) and power down (turn off) your scooter.

- Fully insert the key into the key switch and turn the key clockwise to power up your scooter.
- Turn the key counterclockwise and remove it from the key switch to power down your scooter.



WARNING! If the key is removed from the key switch while your scooter is in motion, the electronic brakes will engage and your Scooter will come to an abrupt stop!

Lights Switch

This switch enables you to control the headlight and running (rear red) lights. Pride recommends that you should turn your lights on whenever there is less than optimal lighting necessary for safe use.

Hazard Light Switch

This switch enables you to control the front and rear hazard (amber) lights. Toggle this switch to turn the hazard lights on and off.

Horn Buttons

These buttons activate a warning horn. Ensure the key is fully inserted into the key switch and push either button to sound the horn.

Left and Right Turn Indicator Switches

Use these switches to turn on the left and right turn indicator (amber) lights. Each switch will activate both the left and the right turn indicator lights. See figure 7.

1. Push the left or the right toggle switch forward to activate that sides turn indicator light.
2. Pull back on either toggle switch and it will activate the opposite sides turn indicator light.
3. To turn the indicator off, push forward on the toggle switch of the side of the blinking indicator.

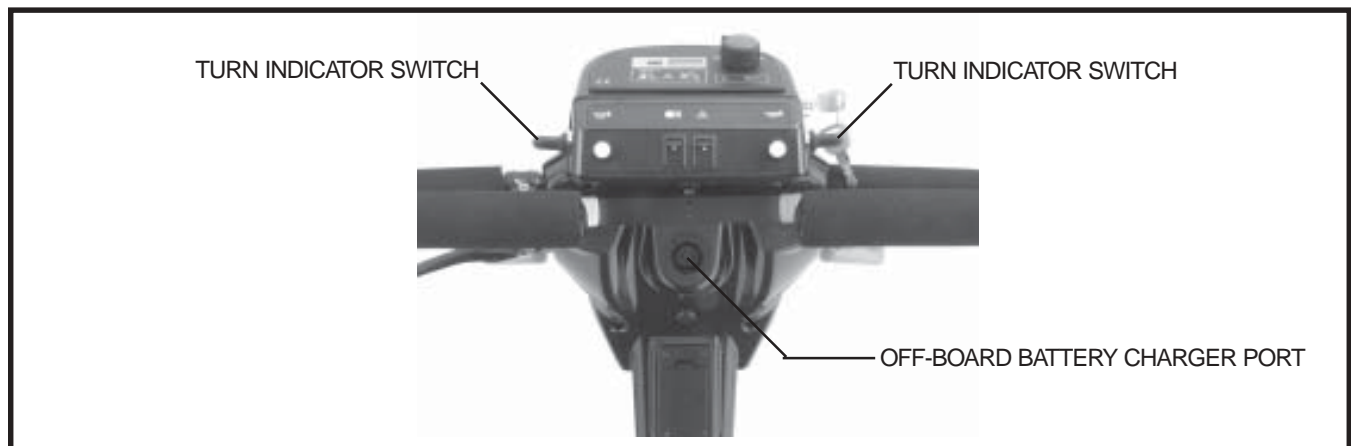


Figure 7. Control Console Assembly

IV. YOUR SCOOTER

Off-board Battery Charger Port

The off-board battery charger cord plugs into this port when charging the scooter batteries. For more information on battery charging, see V. “Batteries and Charging.”

Throttle Control Lever

This lever allows you to control the forward speed and the reverse speed of your scooter up to the maximum speed you preset with the speed adjustment dial.

To Move Forward use either of the following:

- Use your left thumb to push the left side of the throttle control lever.
- Use your right hand fingers to pull back on the right side of the throttle control lever.

To Move Backward use either of the following:

- Use your right thumb to push the right side of the throttle control lever.
- Use your left hand fingers to pull back on the left side 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 center “stop” position and engages your scooter’s brakes.

FUSE BOX

The fuse box is a compartment located at the rear of the tiller under the off-board battery charger port. It contains five automotive-type fuses, which help protect the control console assembly and the lighting system from receiving an overload of electrical current. The fuse box contains one 5-amp fuse and four 3-amp fuses. See figure 8.

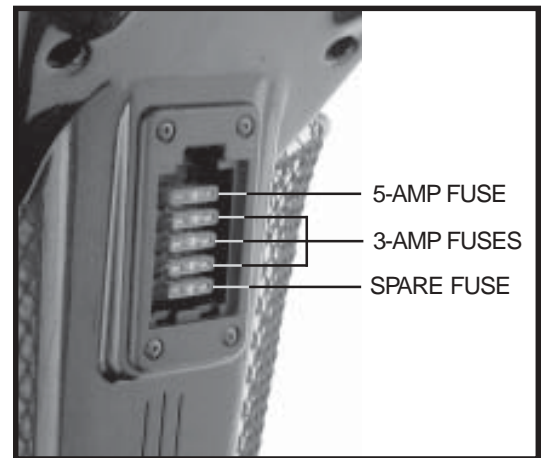


Figure 8. Fuse Box

- The battery voltage is fused to the control console with the 5-amp fuse.
- The turn indicator lights and the headlight are fused to the control console with three of the 3-amp fuses.
- The fourth 3-amp fuse is a spare fuse.

NOTE: *If a fuse must be replaced (see figures 9 and 10), use only the specified amp fuse. For more information, see X. “Care and Maintenance.”*



WARNING! Failure to use properly rated fuses may cause damage to the electrical system and may result in personal injury.

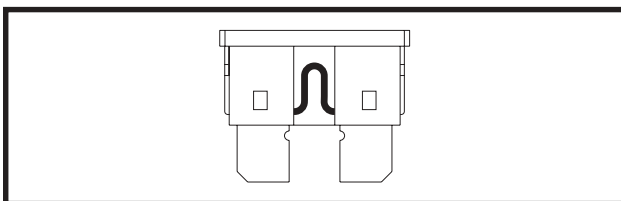


Figure 9. Working Fuse

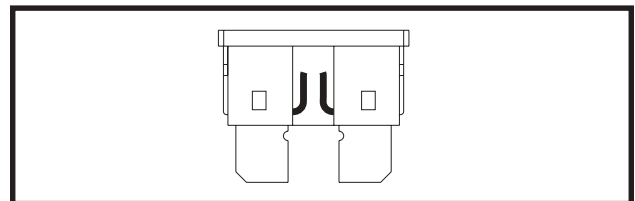


Figure 10. Blown Fuse (Replace)

IV. YOUR SCOOTER

REAR SECTION

The batteries, electronic controller module, motor/transaxle assembly, manual freewheel lever, the anti-tip wheels, the main circuit breaker and the fuses are located on the rear section of your scooter. See figure 11.

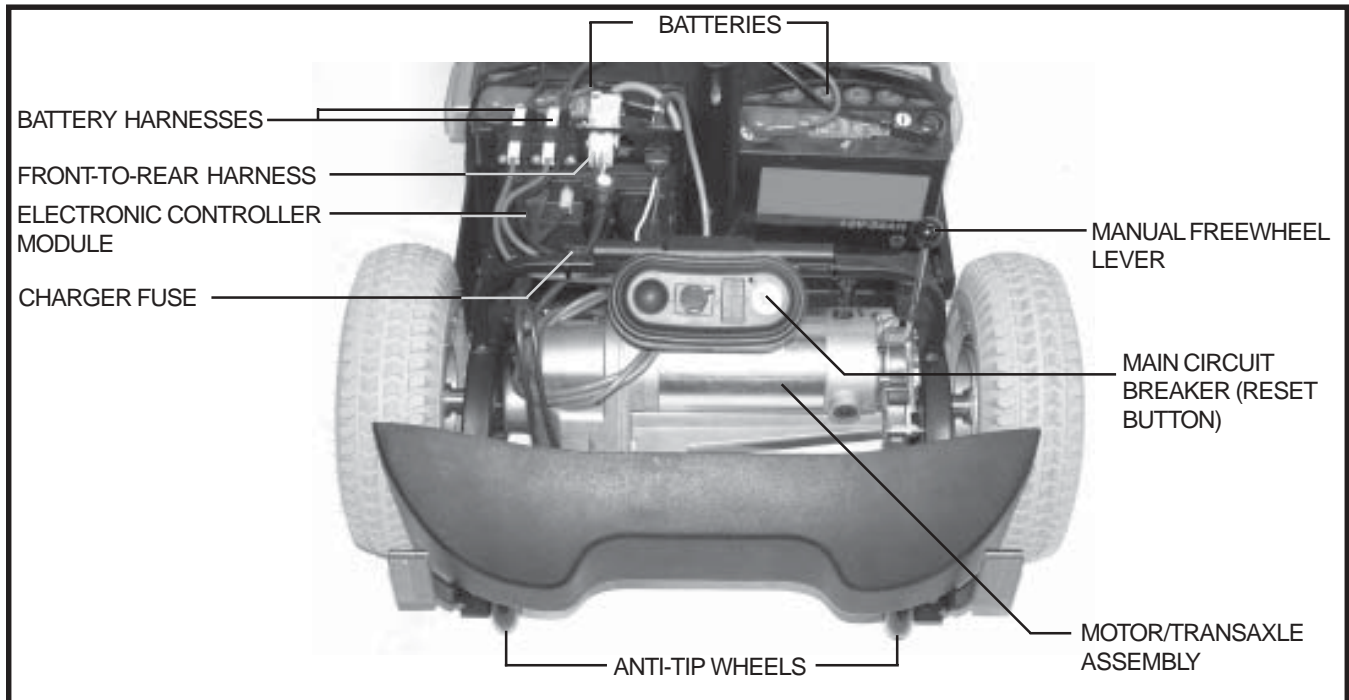


Figure 11. Rear Section

Main Circuit Breaker (Reset Button)

When the voltage in your scooter's batteries becomes low or the scooter is heavily strained because of excessive loads or steep inclines, the main circuit breaker may trip to protect the motor and electronics from damage. See figure 11.

- The main circuit breaker reset button pops out when the breaker trips.
- When the breaker trips, the entire electrical system of your scooter shuts down.
- Allow a minute or two for your scooter's electronics to "rest."
- Push in the reset button to reset the main circuit breaker.
- If the main circuit breaker trips frequently, you may need to charge your batteries more often. You may also need to have your authorized Pride Provider perform a load test on your scooter's batteries.
- If the main circuit breaker trips repeatedly, see your authorized Pride Provider for service.

Batteries

The batteries store the electrical energy that powers your scooter. For instructions on charging your batteries, see V. "Batteries and Charging."

Electronic Controller Module

The electronic controller module receives electrical signals from the console controls and sends power to the motor, the brakes, and the lighting system.

IV. YOUR SCOOTER

WARNING! Do not expose the electronic controller module to moisture. If it does become exposed to moisture, do not attempt to operate your scooter until it has dried thoroughly.



WARNING! Your scooter is equipped with a microprocessor based, programmable controller. The controller must be programmed by an authorized Pride technician only. Improper programming of the controller could result in unsafe operation of your Scooter, causing personal injury or damage to your scooter.

Motor/Transaxle Assembly

The motor/transaxle assembly is the geared transmission and differential. It is a one-piece, direct drive, fully sealed assembly designed to provide quiet operation with maximum power and long life.

Manual Freewheel Lever

Whenever you want to push your Scooter for short distances, you can put it in manual freewheel mode.

- The manual freewheel lever is located on the end of the motor/transaxle assembly at the right rear of the scooter.
- Pull up on the manual freewheel lever to disable the drive system and the brake system; you will then be able to push your scooter.
- Push down on the manual freewheel lever to reengage the drive system and the brake system and take your scooter out of manual freewheel mode.

WARNING! It is important to remember that when your scooter is in manual freewheel mode, the braking system is disengaged. Follow these safety rules when using the manual freewheel mode:



- Do not disengage the drive motors when your scooter is on an incline; the scooter could roll down on its own and cause injury!
- Before placing your scooter in or taking it out of manual freewheel mode, ensure the key is removed from the key switch.
- Never sit on a scooter when it is in manual freewheel mode.
- When you have finished pushing your scooter, always return it to the drive mode to lock the brakes.

Anti-tip Wheels

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



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

Fuses

There are two 2-amp fuses located on the rear section that protect the rear lighting. To replace a fuse, first remove the rear shroud. The fuses are part of the rear light assembly located on the underside of the shroud. Lift the rubber cap that opens the fuse box and replace the old fuse with a 2-amp ATO fuse.

Charger Fuse

The 15-amp fuse located on the harness for the battery charger is to protect the controller if there is a problem with the charging circuit. See figure 11. To replace the fuse, remove the rear shroud, lift the rubber cap that opens the fuse box, and replace it with a 15-amp ATO fuse.

V. BATTERIES AND CHARGING

Your scooter requires two long-lasting, 12-volt, deep-cycle batteries that are sealed and maintenance free. Three important points to remember are:

- Charge your batteries with the supplied off-board battery charger prior to using it for the first time.
- Keep your batteries fully charged to keep your scooter running smoothly.
- Use only the off-board battery charger supplied with your scooter.

CHARGING YOUR BATTERIES

The battery condition meter on the control console assembly indicates the approximate strength of your batteries. To check the charge, you must ensure the key is inserted in the key switch and turned clockwise.

The off-board battery charger connects to your scooter via the off-board battery charger port located on the rear tiller shroud. We recommend that you charge the batteries for 8 to 14 hours after daily use. See figure 12.



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



WARNING! Removal of the grounding prong can create an electrical hazard. If necessary, properly install an approved 3-prong adapter to an electrical outlet having 2-pronged plug access. Failure to heed could result in personal injury and/or property damage.

WARNING! Ensure that both ends of the charger power lead are clean and dry before plugging the charger power lead into the charger power lead receptacle or the electrical outlet.

WARNING! Prevent injury and/or equipment damage! Read the battery charging instructions in this manual and in the manual supplied with the battery charger before charging the batteries.

WARNING! Prevent injury and/or equipment damage! Do not expose the off-board battery charger to rain or other sources of moisture unless it has been tested for outdoor use. Refer to the manual supplied with the battery charger for more information.



WARNING! Prevent injury and/or equipment damage! Explosive gases may be generated while charging the batteries. Keep the scooter and the battery charger away from sources of ignition such as flames or sparks and provide adequate ventilation when charging the batteries.

WARNING! Prevent injury and/or equipment damage! Inspect the battery charger, wiring, and connectors for damage before each use. Contact your authorized Pride Provider if damage is found.

WARNING! Prevent injury and/or equipment damage! Do not attempt to open the battery charger case. If the battery charger does not appear to be working correctly, contact your authorized Pride Provider.

WARNING! Prevent injury and/or equipment damage! If the off-board battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots.

WARNING! Prevent injury and/or equipment damage! Do not allow unsupervised children to play near the scooter while the batteries are charging.

V. BATTERIES AND CHARGING



WARNING! Prevent injury and/or equipment damage! If your off-board 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.

WARNING! Prevent injury and/or equipment damage! Do not mix or match new and old batteries. If you encounter a situation where one battery needs to be replaced, then replace both batteries. Refer to specifications table in this manual and the manual supplied with the battery charger for recommended type and capacities.

Follow these steps to safely charge your batteries:

1. Position your scooter close to a standard wall outlet.
2. Remove the key from the key switch.
3. Ensure the manual freewheel lever is in the drive (down) position.
4. Connect the off-board battery charger to the off-board battery charger port and the standard wall outlet. See figure 12.
5. Refer to the manufacturer-supplied operating instructions for your off-board battery charger.
6. When the batteries are fully charged, disconnect the charger from the wall outlet first, and then from the charger port.
7. Place the off-board battery charger in a safe place for future use.

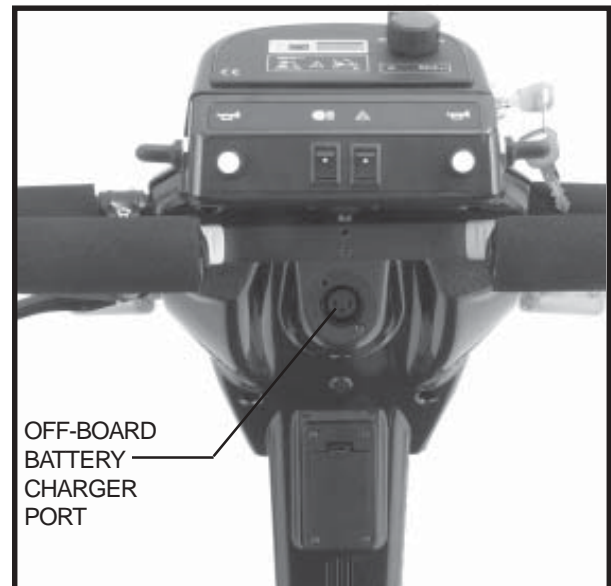


Figure 12. Off-board Battery Charger Port

BATTERY REPLACEMENT

To change a battery in your scooter:

1. Remove the seat and the rear shroud.
2. Disconnect the battery tie-down strap.
3. Disconnect the battery cables from the electronic controller module.
4. Disconnect the battery cables from the battery terminals.
5. Remove the old battery.
6. Place a new battery in the battery well.
7. Connect the red battery cable to the positive (+) battery terminal.
8. Connect the black battery cable to the negative (-) battery terminal.
9. Reconnect the battery cables to the electronic controller module.
10. Reconnect the battery tie-down strap.
11. Reinstall the rear shroud and the seat.

V. BATTERIES AND CHARGING

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), 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.

We work closely with our battery manufacturer to provide batteries that best suit your scooter's specific electrical demands. Fresh batteries arrive daily at Pride and 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 the batteries to stabilize and adjust to their new room or ambient temperature. More importantly, it takes a few charging cycles—partial drains followed by full recharging—to establish the critical chemical balance that is essential to a deep-cycle battery's peak performance and long life.

Please follow these steps to properly break-in your new batteries for maximum efficiency and service life.

1. Fully charge any new battery prior to its initial use. This initial charging cycle brings the batteries up to about 88% of their peak performance level.
2. Operate your new scooter.

NOTE: Operate your 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 the controls and have properly broken in the batteries.

3. Fully recharge the batteries. This recharge should bring the batteries up to about 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.

WARNING! Failure to follow these safety rules when operating the off-board battery charger may result in damage to your scooter and/or personal injury.

- Always read the manufacturer-supplied operating instructions before using the off-board battery charger.
- Do not expose the off-board battery charger to moisture.
- Make sure the charger has proper ventilation. This will prevent the charger from overheating.



WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

V. BATTERIES AND CHARGING

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, sidewalk cracks, uneven and loosely packed surfaces, curves, and wind. All of these driving conditions affect the distance or running time per battery charge. The following are a few suggestions for obtaining the maximum range per battery charge.

- Always fully charge the batteries prior to your daily use.
- Maintain **2-2,4 bar** (pounds per square inch) in all of your Scooter tyres.
- Plan your route 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?



WARNING! Do not remove the caps from sealed batteries. Water cannot be added to sealed batteries. Cap removal voids the battery warranty and may cause damage to the batteries and to your scooter.

How can I ensure maximum battery life?

Fully charged deep-cycle batteries provide reliable performance and extended battery service life. Keep the batteries fully charged whenever possible. Batteries that are deeply discharged, infrequently charged, or stored without a full charge may be permanently damaged and cause unreliable performance and limited service life.

V I . O P E R A T I O N

PRE-RIDE ADJUSTMENTS AND CHECKS

Familiarize yourself with the following checklist as some of the checks must be performed prior to getting on your Scooter.

- Have you fully charged the batteries? See V. “Batteries and Charging.”
- Is the manual freewheel lever in the drive (down) position? See IV. “Your Scooter.” Never leave the manual freewheel lever pulled up unless you are manually pushing your scooter.
- Are you positioned comfortably in the seat?
- Is the tiller handle at a comfortable setting and locked securely in place? See VII. “Comfort Adjustments.”
- Is the speed adjustment dial set to a slow setting?
- Does the horn work properly?

GETTING ON YOUR SCOOTER

1. Make sure that the key is removed from the key switch.
2. Stand at the side of your scooter.
3. Push forward on the seat rotation lever, rotate the seat until it faces you, then release the lever to lock the seat securely in place.
4. Position yourself comfortably and securely in the seat.
5. Fasten the positioning belt, if so equipped.
6. Push forward on the seat rotation lever, rotate the seat until you face forward, then release the lever to lock the seat securely in place.
7. Position your feet safely on the floorboard.

OPERATING YOUR SCOOTER

Once you have planned your route and are safely and comfortably positioned in your seat, you can begin operating your scooter.

1. Begin by setting your desired speed with the speed adjustment dial.

NOTE: Initially you should set the speed adjustment dial to the tortoise (slowest setting). Once you become comfortable with your scooter, you can increase your speed.

2. Fully insert the key into the key switch and turn the key clockwise.
3. Position your hands on the handgrips with a thumb resting on each side of the throttle control lever.
4. Gently push the right side of the throttle control lever with your thumb to disengage the electronic brakes and move forward, or gently push the left side of the throttle control lever with your thumb to disengage the electronic brakes and move rearward.

NOTE: Your scooter’s reverse speed is 60% of the speed you preset with the speed adjustment dial.

5. Pull on the left handgrip to steer left.
6. Pull on the right handgrip to steer right.
7. Move the tiller to the center position to drive straight ahead.
8. Slowly release the throttle control lever to decelerate smoothly. After you release the throttle control lever, gently squeeze the handbrake to come to a complete stop. The electronic brakes will automatically engage when your scooter comes to a stop.

V I . O P E R A T I O N

NOTE: If you do not release the throttle control lever before using the handbrake, your scooter may not come to a complete stop.

GETTING OFF OF YOUR SCOOTER

1. Bring your scooter to a complete stop.
2. Remove the key from the key switch.
3. Push forward on the seat rotation lever, rotate the seat until you are facing toward the side, then release the lever to lock the seat securely in place.
4. Unfasten the positioning belt, if so equipped.
5. Carefully get out of the seat and stand at the side of your scooter.
6. You may leave the seat facing to the side to facilitate boarding your scooter the next time you wish to operate it.

VII. COMFORT ADJUSTMENTS

TILLER ANGLE ADJUSTMENT

Your tiller is equipped with a spring-loaded tiller adjustment lever, which allows you to lock the tiller in place as well as rotate and change its position.



WARNING! Remove the key before adjusting the tiller or the seat. Never attempt to adjust the tiller or the seat while your scooter is in motion or personal injury and/or damage to your scooter could result.

To adjust the tiller angle:

1. Turn the tiller adjustment lever counterclockwise until it is loose. If the tiller adjustment lever comes in contact with the tiller basket, pull it outward, turn it clockwise, and release it. Continue to loosen until you are able to move the tiller. See figure 13.
2. Squeeze the release buttons (located beneath the tiller boot), then adjust the tiller to a comfortable position.
3. Turn the tiller adjustment lever clockwise until it is tight. If the tiller adjustment lever comes in contact with the tiller basket, pull it outward, turn it counterclockwise, and release it. Continue to turn the lever until it is tight.

NOTE: *The tiller may be adjusted to its lowest position and locked in place for storage.*

To adjust the tiller for storage:

1. Turn the tiller adjustment lever counterclockwise until it is loose.
2. Pull the tiller boot upward to expose the tiller release buttons.
3. Grasp the handle grip on the tiller and carefully depress both tiller release buttons, then slowly lower the tiller. See figure 14.
4. When the tiller reaches its lowest point, turn the tiller adjustment lever clockwise until it is tight to lock the tiller in place.

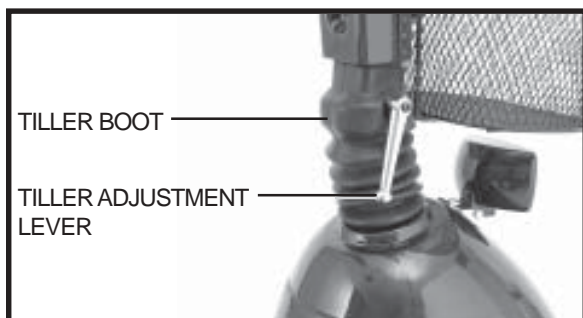


Figure 13. Tiller Angle Adjustment



Figure 14. Lowering the Tiller

VII. COMFORT ADJUSTMENTS

SEAT HEIGHT ADJUSTMENT

To reposition the seat to one of three different heights:

1. Remove the seat from your scooter. Push forward and hold the seat rotation lever to unlock the seat, then rotate the seat and lift it off of the scooter.
2. Remove the rear shroud.
3. Use two 17-mm. wrenches to loosen and remove the hex head bolt and nut. See figure 15.
4. Raise or lower the seat post to the desired seat height.
5. Hold the seat post at that height and match up the locating holes in the seat post with the seat post tower.
6. Reinstall the hardware and tighten.
7. Replace the rear shroud and the seat.

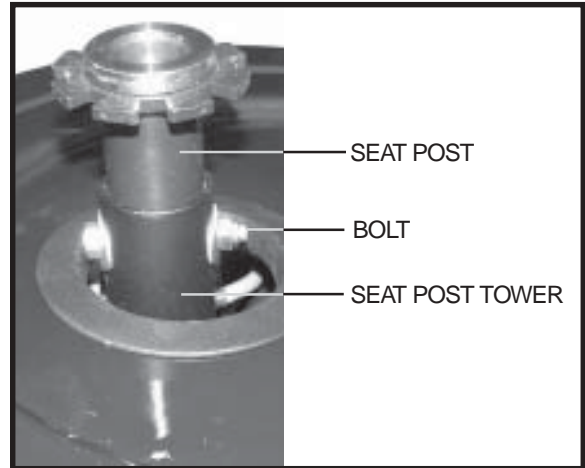


Figure 15. Seat Height Adjustment

SLIDING SEAT ADJUSTMENT

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

1. Pull the seat sliding lever to the side. See figure 16.
2. Hold the lever to the side and slide the seat forward or rearward into a comfortable position.
3. Release the seat sliding lever to lock the seat securely in place.

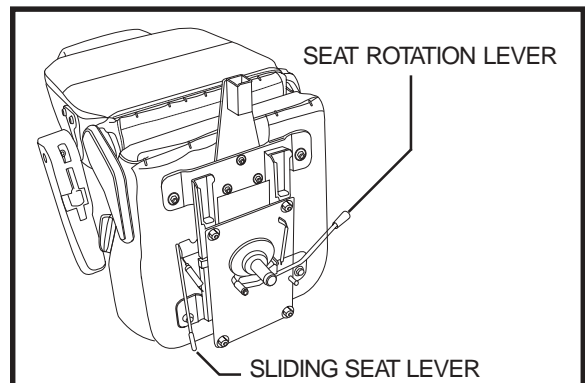


Figure 16. Seat Adjustments

SEAT ROTATION ADJUSTMENT

The seat rotation lever locks the seat in one of eight positions. To rotate the seat:

1. Push forward on the seat rotation lever to unlock the seat. See figure 16.
2. Rotate the seat to the desired position.
3. Release the seat rotation lever to lock the seat securely in place. If the seat is not locked into position, gently rock the seat back and forth until you hear the lever click.

SEATBACK ADJUSTMENT

To adjust the recline angle of the seat:

1. Pull up on the seat recline lever to unlock the seatback. See figure 16A.
2. Lean forward or backward to adjust the seatback to a comfortable position.
3. Release the seat recline lever to lock the seat securely in place.

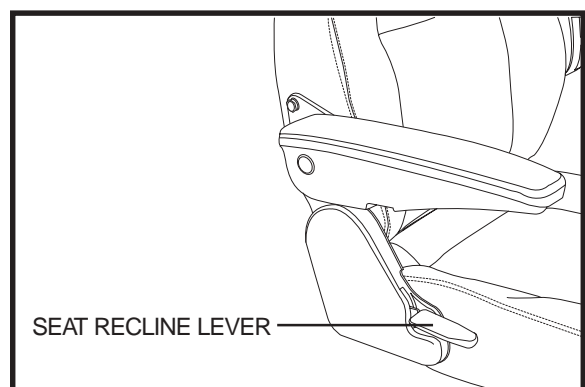


Figure 16A. Seatback Adjustment



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

VII. COMFORT ADJUSTMENTS

ARMREST ANGLE ADJUSTMENT

There is an armrest adjustment dial on the underside of each armrest. To adjust the armrest angle while seated in your scooter turn the armrest adjustment dial to the left to lower the armrest angle or to the right to raise the armrest angle.

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

POSITIONING BELT

Your scooter seat may be equipped with an automotive positioning belt that can be adjusted for operator comfort. See figure 16C. 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.
3. Using a 5-mm hex key, remove the two bolts on the outermost part of the rear seat mounting strap.
4. Insert the bolt through the appropriate end of the positioning belt and then through the seat mounting strap for each side of the scooter seat.
5. Tighten the bolts.

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.”
2. Pull the strap on the right side of the belt until it is secure, but not so tight as to cause discomfort.

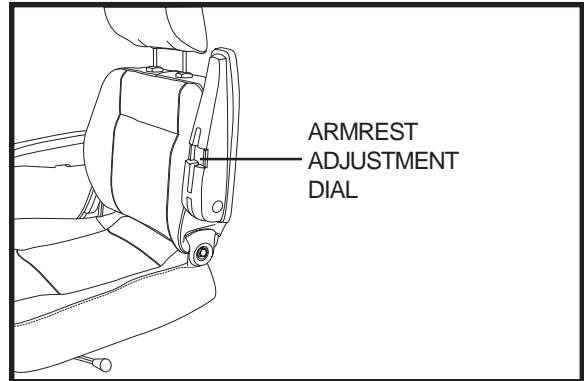


Figure 16B. Armrest Angle Adjustment

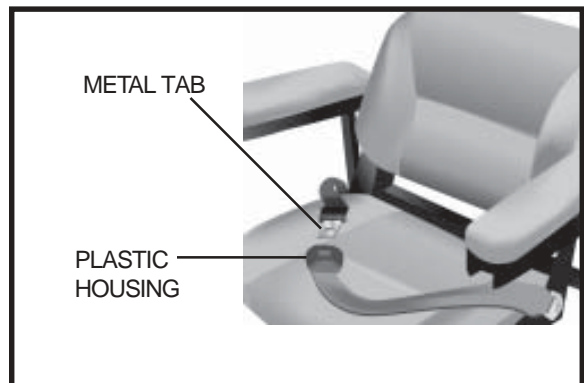


Figure 16C. Positioning Belt

VIII. DISASSEMBLY AND ASSEMBLY

No tools are required to disassemble your scooter. Always disassemble or assemble your scooter on a level, dry surface with sufficient room for you to work and move around your scooter. Keep in mind that the disassembled sections of the scooter will take up more floor space than the assembled scooter.

DISASSEMBLY

1. Remove the key from the key switch. See III. "Your Scooter."
2. Push down on the manual freewheel lever. See III. "Your Scooter." Putting your scooter in drive mode may make it easier for you to maneuver the rear section because the drive wheels are stabilised.
3. Remove the seat.
4. Loosen the shroud locks (turn each shroud lock counterclockwise a quarter turn) and gently lift the rear shroud off of your scooter. The rear shroud is held in place with a reusable fastener. See figure 17.
5. Disconnect the rear lighting harnesses that extend from the rear shroud (not shown).
6. Unplug both battery harnesses. See figure 18.
7. Loosen the battery strap, then lift both batteries from the battery wells.
8. Unplug the large, white, 9-pin front-to-rear harness. See figure 18.
9. Unplug the charger port harness. See figure 18.



WARNING! Failing to unplug all of the harness prior to further disassembly could result in permanent damage to your scooter.



Figure 17. Shroud Locks

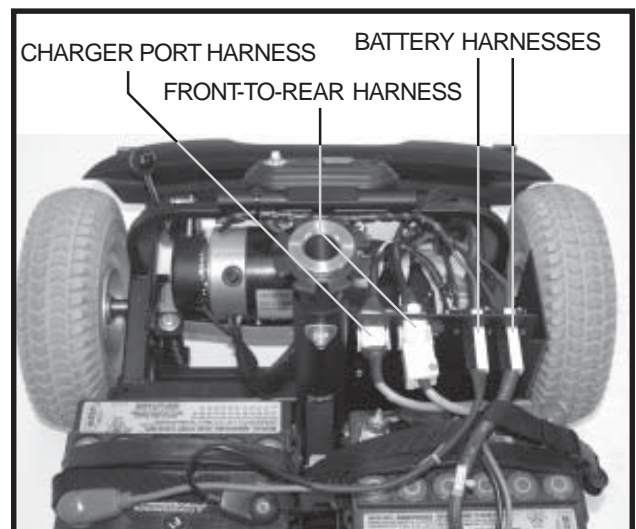


Figure 18. Rear Harness Connections

Toggle Latch Release

1. Push in the toggle latch release button while pulling back the toggle latch. See figure 19.
2. Position the toggle latch buckle over the top of the toggle latch. See figure 20.
3. Lower the tiller to the scooter floorboard and fully tighten the tiller adjustment lever.

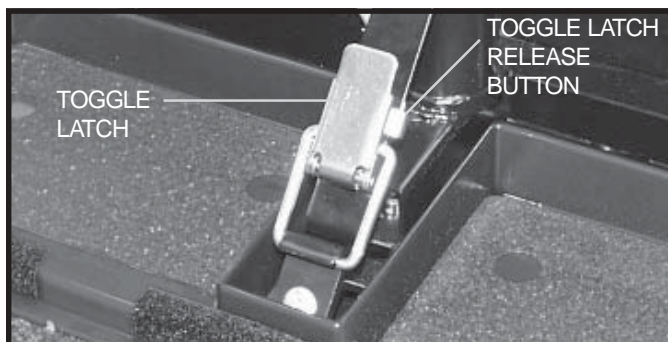


Figure 19. Toggle Latch (Latched)



Figure 20. Toggle Latch (Unlatched)

VIII. DISASSEMBLY AND ASSEMBLY

Frame Separation

1. Push back on the seat post to pivot the scooter's rear section backwards until the rear section is standing vertically on its rear bumper. See figure 21.
2. Lift the front section up until the lower pegs are no longer in the slots. See figure 22.
3. Carefully lift the front section vertically away from the rear section.

ASSEMBLY

1. Position the front and rear sections of your scooter as shown in figure 23.
2. Align the lower slots of the front section with the corresponding pegs on the front of the rear section. See figure 22.



WARNING! Position the front-to-rear cable so it won't become pinched between the frame halves when pivoting the rear section forward.

3. Holding the seat post, slowly pivot the rear section forward until the curved locking brackets are fully connected onto the top rear pegs. See figure 21.
4. Raise the tiller.
5. Secure the toggle latch. See figure 20.
 - Lower the toggle latch buckle.
 - Push back on the toggle latch so it locks into place.
6. Replace the batteries and tighten the battery strap.
7. Connect the charge port harness, front-to-rear harness and both battery harnesses.
8. Connect the rear lighting harnesses.
9. Reinstall the rear shroud and secure it by tightening the shroud locks.
10. Replace the seat.

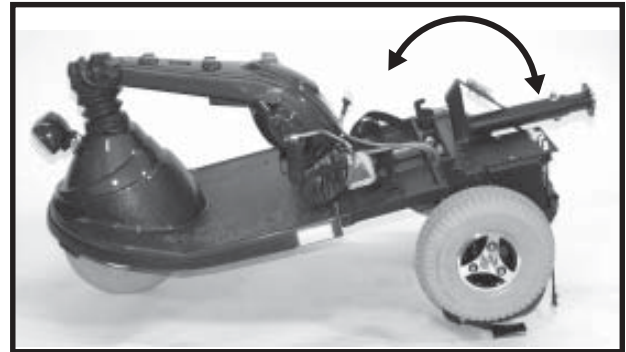


Figure 21. Frame Positioning

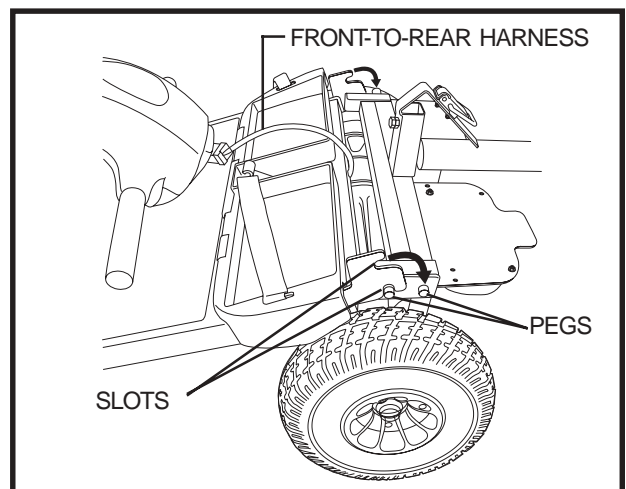


Figure 22. Separating the Frames



Figure 23. Frame Halves

IX . BASIC TROUBLESHOOTING

Any electromechanical device requires occasional troubleshooting. However, most problems that 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.

PROBLEM	POSSIBLE SOLUTIONS
All of my scooter systems appear to be “dead.”	<p>One of the following actions may eliminate the problem.</p> <ul style="list-style-type: none"> ■ Remove and reinsert the key into the key switch. ■ Ensure the batteries are fully charged. ■ Push in the main circuit breaker reset button. ■ Ensure both battery harnesses are inserted fully. ■ Ensure both battery terminal connections are tight.
My scooter’s battery condition meter shows a full charge, but my scooter does not move when I push the throttle control lever.	<p>Ensure your scooter was not left in freewheel mode. (Push down on the manual freewheel lever to restore normal operation.)</p> <p><i>NOTE: When the manual freewheel lever is pulled up, your scooter’s brakes are disengaged and all power to the motor/transaxle is cut.</i></p>
My scooter’s main circuit breaker trips repeatedly.	<p>One of the following actions may eliminate the problem.</p> <ul style="list-style-type: none"> ■ Charge your scooter’s batteries more frequently. ■ Have both of your scooter’s batteries load tested by your authorized Pride Provider. ■ Obtain a battery load tester at most any automotive parts store; follow the directions supplied with the load tester.
My scooter’s battery condition meter dips way down and the motor surges or hesitates when I press the throttle control lever.	<p>One of the following actions may eliminate the problem.</p> <ul style="list-style-type: none"> ■ Fully charge your scooter’s batteries. ■ Have your authorized Pride Provider load test each battery. ■ Obtain a battery load tester at most any automotive parts store; follow the directions supplied with the load tester.

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

X . C A R E A N D M A I N T E N A N C E

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 a proper **2-2.4 bar (30-35 psi)** tyre pressure.



WARNING! It is important that 2-2.4 bar (30-35 psi) tyre pressure 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 2-2.4 bar (30-35 psi) tyre pressure in pneumatic tyres at all times may result in tyre and/or wheel failure, causing serious personal injury and/or damage to your scooter.

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

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 model. Contact your authorised Pride Provider for information regarding replacement wheels for your scooter.



WARNING! Prevent personal injury! Completely deflate pneumatic tyres before dismantling the rim or attempting repair.

WARNING! When changing a tyre, remove only the centre lug nut, then remove the tyre. If any further disassembly is required, deflate the tyre completely or it may explode, possibly resulting in personal injury.

EXTERIOR SURFACES

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



WARNING! Do not use a rubber or vinyl conditioner on the scooter's vinyl seat, floorboard, or tyre tread. They will become dangerously slippery and result in personal injury and/or damage to your scooter.

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! Prevent personal injury and product damage! Follow all safety instructions for the proper use of the disinfectant before applying it to your product.

ABS PLASTIC SHROUDS

- The shrouds of the scooter 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.

X . C A R E A N D M A I N T E N A N C E

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.

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 the rear of the scooter.

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.

AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

You do not need to lubricate these items, as they are all prelubricated and sealed

CONSOLE, CHARGER AND ELECTRONIC CONTROLLER MODULE

- Keep these areas away from moisture.
- Before operating your scooter, allow any of these areas to dry thoroughly if they have been exposed to moisture.

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.

FUSE REPLACEMENT



WARNING! The replacement fuse must exactly match the rating of the old fuse. Failure to use properly rated fuses may cause damage to the electrical system and may result in personal injury.

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 9 and 10.
3. Insert a new fuse of the proper rating.

X . C A R E A N D M A I N T E N A N C E

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 both battery harnesses.
- 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. This damages the battery and can cause personal injury.

For prolonged storage, you may wish to place several boards under the frame of your scooter to raise it off of the ground. 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, and batteries.

X I . W A R R A N T Y

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 is subject to the discretion of the Provider, not the manufacturer. For more information regarding replacement units, contact your authorised Pride Provider.



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