

# Sonic

## Owner's Manual



*The Ultimate In Style & Performance<sup>®</sup>*

**Pride**  
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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.



**MANDATORY!** These actions should be performed as specified. Failure to perform mandatory actions can cause injury to personnel and/or damage to equipment.

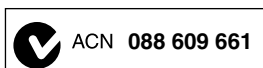


**PROHIBITED!** These actions are prohibited; do not perform at any time or in any situation. Performing a prohibited action can cause personal injury and/or equipment damage.

Please fill out the following information for quick reference:

|                 |       |
|-----------------|-------|
| Pride Provider: | _____ |
| Purchase Date:  | _____ |
| Address:        | _____ |
| Phone Number:   | _____ |
| 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.*



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# I. INTRODUCTION

## 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, 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.

## 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.



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



**Maximum seating weight.**



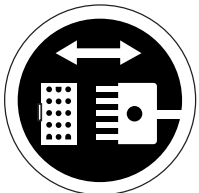
**Pinch/Crush points created during assembly.**



**Locked and in drive 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.**

**Unlocked and in freewheel mode.**



**Front-to-rear plug orientation.**



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



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

## II. SAFETY



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



**Explosive conditions.**



**Use only AGM or Gel-Cell batteries.**



**Contact with tools can cause electrical shock.**



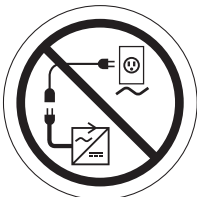
**Do not remove anti-tip wheels.**



**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 lead to the AC/DC converter or the battery charger.**

# 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 of lifts, up and down ramps, and over moderate terrain.

Below are some precautions, tips, and other safety considerations that will help the user 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! Do not attempt to lift or move your scooter by any of its removable parts. Personal injury and damage to the scooter may result.**

# 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. For details on how to perform these necessary inspections, see X. “Care and Maintenance.”

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 this limit.



**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.

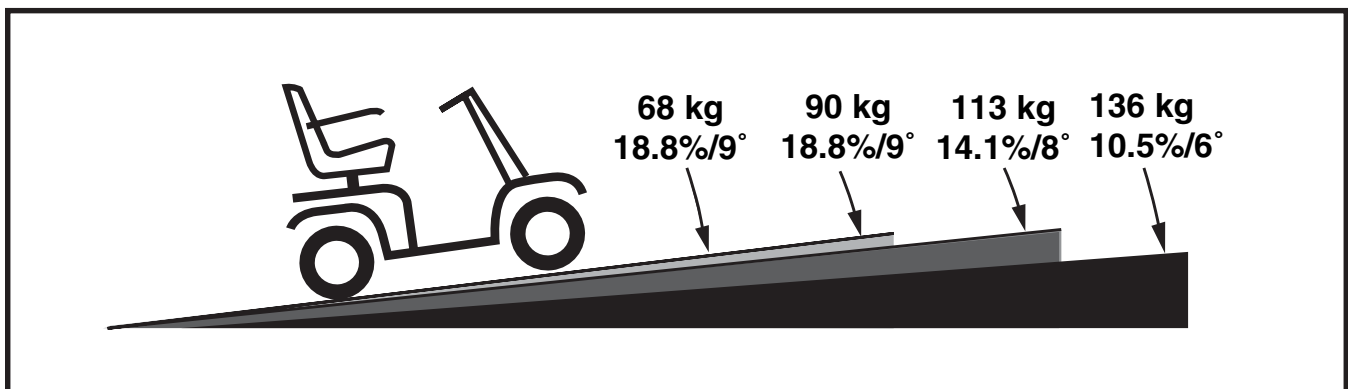


Figure 1. Maximum Recommended Incline Angles



**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.**

## II. SAFETY

When you approach an incline, it is best to lean forward. See figures 2 and 2A. This shifts the center 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.*

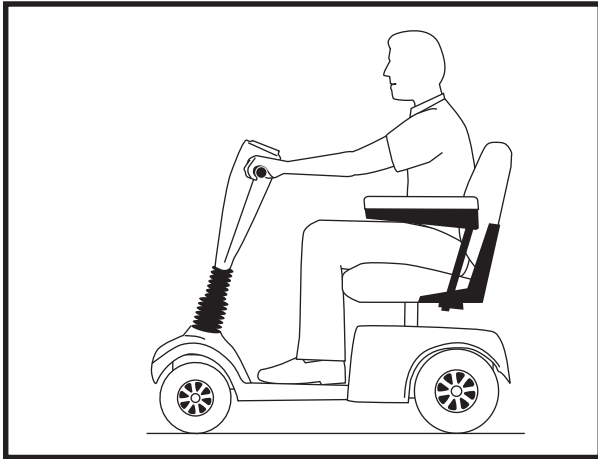


Figure 2. Normal Driving Position

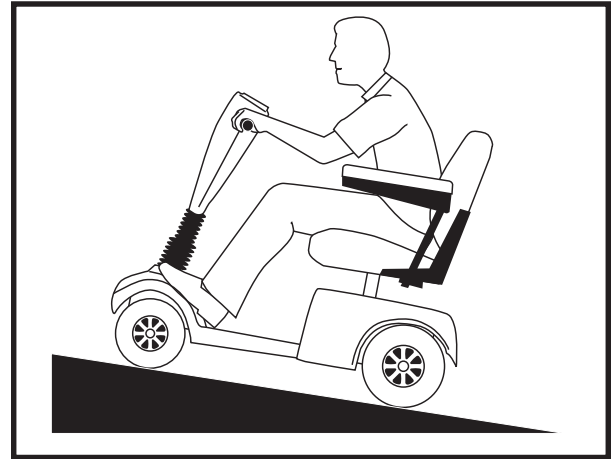


Figure 2A. Increased Stability Driving Position

### 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 center/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 asphalt. 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.**

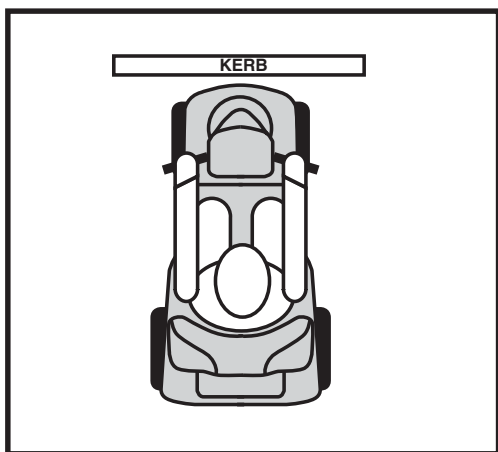


Figure 3. Correct Kerb Approach

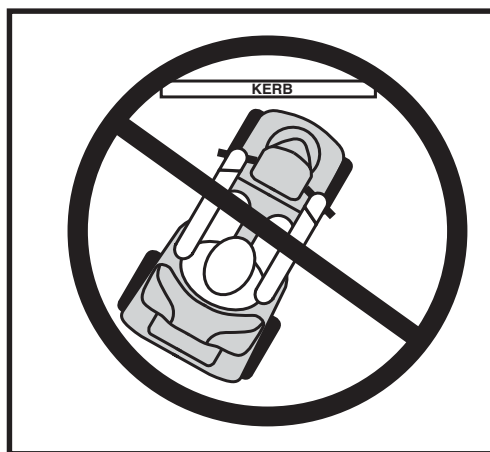


Figure 3A. Incorrect Kerb Approach

## 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 pulled back, 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 motor 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 your 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 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.

### 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 for such use, 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 the 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 cables 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.

# II. SAFETY

## MOTOR VEHICLE TRANSPORT

Currently, there are no standards approved for tie-down systems in a moving vehicle of any type to transport a person while seated in a scooter.

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. 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.**

## 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.**

## 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:

- Ensure that your scooter is not in freewheel mode. See IV. “Your Scooter.”
- Make certain that the seat is locked into place and the key is removed from the key switch.
- Flip up the seat armrests 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! Avoid using your armrests for weight bearing purposes. Such use may cause the scooter to tip and cause personal injury.**

**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. When reaching, bending or leaning while seated on your scooter, 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 healthcare professional.

**WARNING! Do not bend, lean, or reach for objects if you have to pick them up from the floor by reaching down between your knees. 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.



**PROHIBITED! To prevent unintended movement, turn off the power to the electrically-powered mobility vehicle before using a cell phone, two-way radio, lap-top or any other type of radio transmitter. Avoid coming into close proximity of radio or 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](http://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

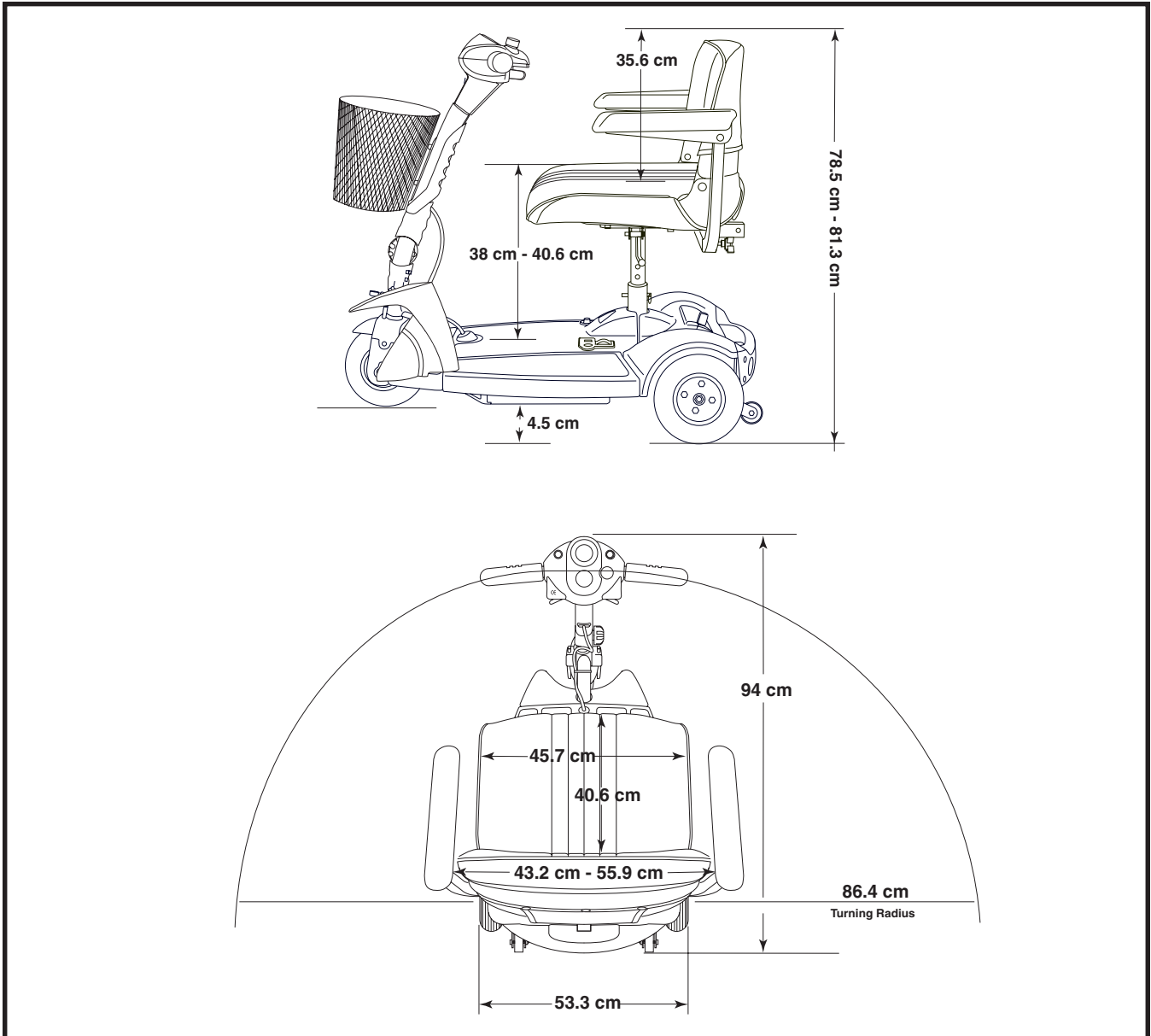


Figure 4. Scooter Dimensions

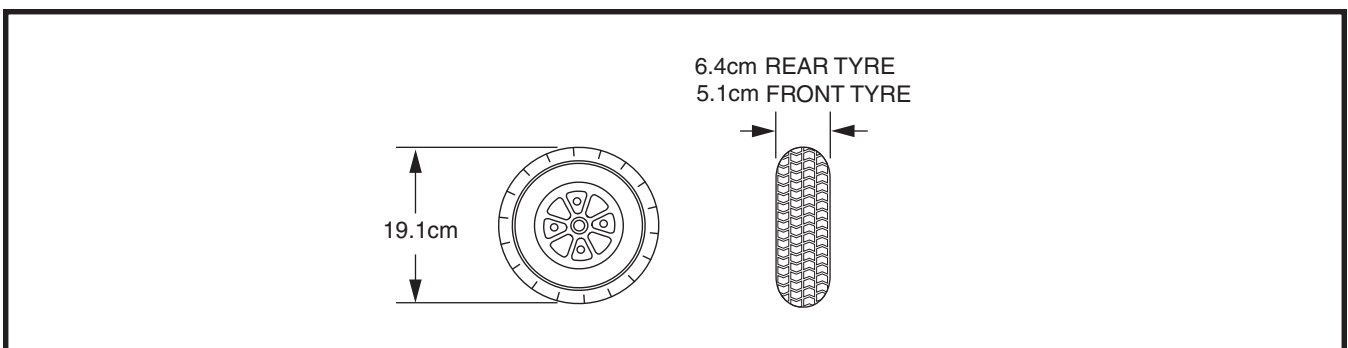


Figure 5. Tyre Dimensions



# III. SPECIFICATIONS

|  |  |
|--|--|
| <b>Model Number</b>                      | SC52AUS  |
| <b>Class of Use</b>                      | B  |
| <b>Maximum Safe Slope</b>                | See figure 1.  |
| <b>Maximum Climbing Ability</b>          | See figure 1.  |
| <b>Maximum Obstacle Climbing Ability</b> | 5 cm   |
| <b>Colors</b>                            | Red, Blue  |
| <b>Overall Length</b>                    | 94 cm  |
| <b>Overall Width</b>                     | 53.3 cm  |
| <b>Total Weight Without Batteries</b>    | 44.2 kg  |
| <b>Heaviest Piece When Disassembled</b>  | 15.9 kg  |
| <b>Turning Radius</b>                    | 86.4 cm  |
| <b>Speed (maximum)</b>                   | Variable up to 6.83 km/h   |
| <b>Range Per Charge*</b>                 | (With 12 AH batteries) Up to 17 km   |
| <b>Ground Clearance</b>                  | 4.5 cm   |
| <b>Weight Capacity</b>                   | 136 kg   |
| <b>Standard Seating</b>                  | Type: Foldable molded plastic<br>Dimensions: 45.7 cm width<br>40.6 cm depth (usable)<br>35.6 cm height (usable)<br>Material: Charcoal fabric |
| <b>Drive System</b>                      | Rear-wheel drive, sealed transaxle, 24 volt DC motor   |
| <b>Dual Braking System</b>               | Electronic, regenerative, and electromechanical  |
| <b>Tyres</b>                             | Type: solid; front: 5.1 cm x 19 cm<br>rear: 6.4 cm x 19 cm   |
| <b>Battery Requirements</b>              | Type: Two 12 volt, deep-cycle (AGM or Gel-Cell recommended)<br>Size: 12 AH<br>Weight: 4 kg each  |
| <b>Battery Charger</b>                   | Off-board charger  |

\* Varies with user weight, terrain type, battery charge, battery condition, and tyre condition.

# IV. YOUR SCOOTER

## TILLER CONSOLE

The tiller console houses all controls needed to drive your scooter, including the speed adjustment dial, key switch, throttle control lever, battery condition meter, and horn button. See figure 6.



**WARNING! 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.**

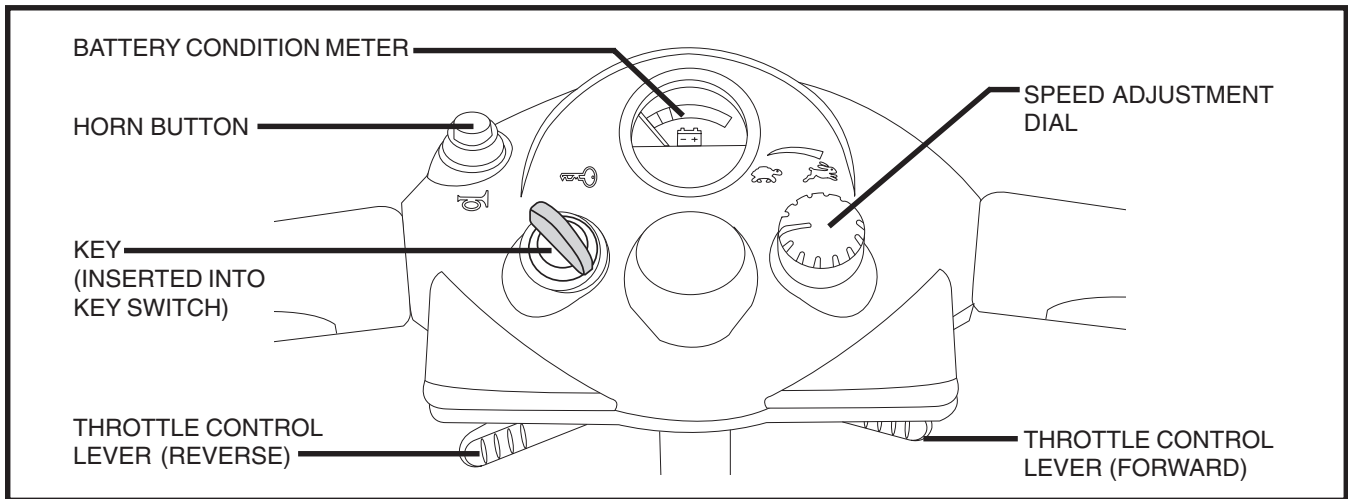


Figure 6. Tiller Console

### Key Switch

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

Although the key can be left in the key switch when the scooter is powered down, we recommend removing it to prevent unauthorised use of your scooter.



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

### 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.

- Place your right hand on the right handgrip and your left hand on the left handgrip.
- Use your right thumb to push the right side of the lever to disengage your scooter’s brakes and move forward.
- Release the lever and allow your scooter to come to a complete stop before pushing the other side of the lever to move in reverse.
- When the throttle control lever is completely released, it automatically returns to the center “stop” position and engages your scooter’s brakes.

### Speed Adjustment Dial

This dial allows you to preselect and limit your scooter’s top speed.

- The image of the tortoise represents the slowest speed setting.
- The image of the hare represents the fastest speed setting.

# IV. YOUR SCOOTER

## Horn Button

This button activates a warning horn. The scooter must be powered up for the horn to be operational. Do not hesitate to use the warning horn when doing so may prevent accident or injury.

## Battery Condition Meter

The battery condition meter on the tiller console indicates the approximate strength of your batteries.

## REAR SECTION

The manual freewheel lever, anti-tip wheels, and the motor/transaxle assembly are located on the rear section of your scooter. See figure 7.

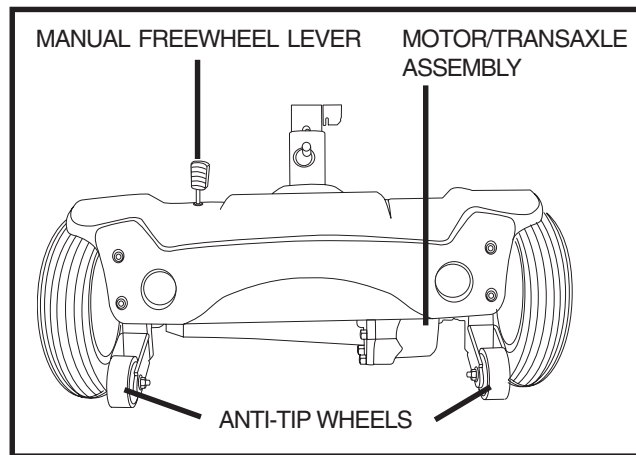


Figure 7. Rear Section

## Manual Freewheel Lever

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

- The manual freewheel lever is located at the top left of the rear section.
- Push the manual freewheel lever rearward to disable the drive system and the brake system.
- Push the manual freewheel lever forward to reengage the drive and the brake systems; this takes your scooter out of freewheel mode.



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

- **Disengage the drive motor only on a level surface.**
- **Ensure the key is removed from the key switch.**
- **Stand beside 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.**

## Anti-Tip Wheels

The anti-tip wheels are an integral and important safety feature of your scooter. They are bolted to the frame at the rear of the scooter.



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

# IV. YOUR SCOOTER

## 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.

## BATTERY CHARGING COMPONENTS

The batteries, off-board battery charger port and main circuit breaker (reset button) make up the battery charging components. See figure 8.

### Batteries (Not Shown)

The batteries store the electrical energy needed to power the scooter. The scooter is equipped with an easy to remove battery pack located within the battery compartment. To view the battery pack, remove the battery compartment lid.

### Off-board Battery Charger Port

The off-board battery charger plugs into your scooter by means of the off-board battery charger port.

### 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.

- 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 authorised Pride Provider perform a load test on your scooter's batteries.
- If the main circuit breaker trips repeatedly, see your authorised Pride Provider for service.

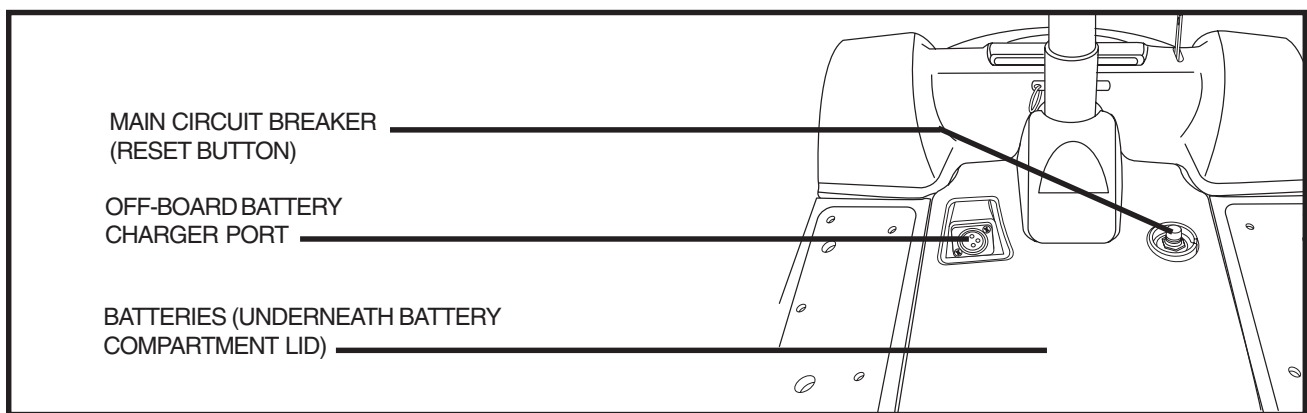


Figure 8. Battery Charging Components

# V. 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 battery charging system.

- Fully 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 using a colour code. Green indicates fully charged batteries, yellow a draining charge, and red indicates that an immediate recharge is necessary. See figure 9. To ensure the highest accuracy, the battery condition meter should be checked while operating your scooter at full speed on a dry, level surface.

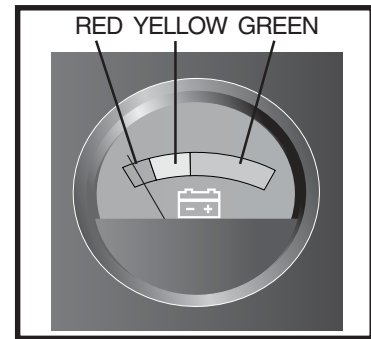


Figure 9. Battery Condition Meter

## CHARGING YOUR BATTERIES



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



**PROHIBITED!** Removal of the grounding prong can create an 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.



**WARNING!** Ensure that both ends of the charger power lead are clean and dry before plugging the charger power lead into the off-board battery charger port or the wall outlet.

### Charging the batteries on the scooter:

1. Position your scooter close to a standard wall outlet.
2. Remove the key from the key switch.
3. Make certain that the manual freewheel lever is in the drive position.
4. Remove the off-board battery charger port cover.
5. Plug the 3-pin charger power lead (see figure 10) into the off-board battery charger port. See figure 8.
6. Extend the charger power lead and plug it into the wall outlet.
7. When the batteries are fully charged, unplug the charger power lead from the wall outlet and then from the off-board battery charger port.
8. Replace the off-board battery charger port cover.

**NOTE:** It is recommended that you charge your batteries for 8 to 14 hours.

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 operating instructions 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.

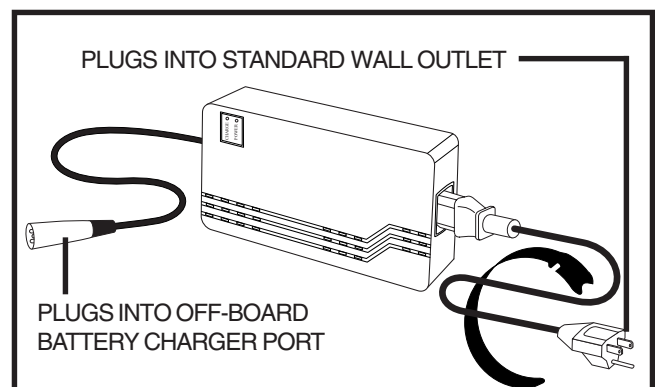


Figure 10. Off-Board Battery Charger

# V. BATTERIES AND CHARGING

## CHARGING THE BATTERIES OFF THE SCOOTER

If you prefer to leave your scooter inside a vehicle or in a place where an electrical outlet is not available, you can remove the battery pack from the scooter and charge the batteries using the optional Y-harness.

1. Remove the battery pack. See VIII. “Disassembly and Assembly.”
2. Place the battery pack near an electrical outlet.
3. Connect the Y-harness to the battery harnesses that extend from the battery pack. See figure 11.
4. Plug the appropriate end of the charger power lead into the mating end of the Y-harness.
5. Plug the off-board charger power lead into an electrical outlet.

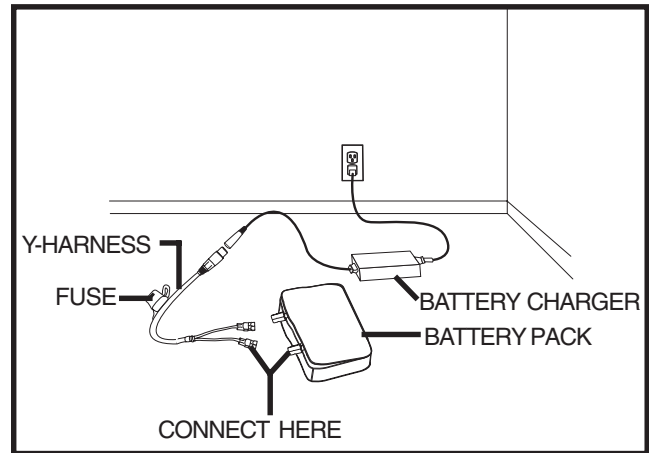


Figure 11. Off-Board Battery Charger

## BATTERY BREAK-IN

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.
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.
3. Fully recharge the batteries.
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.

## FREQUENTLY ASKED QUESTIONS (FAQS)

### 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.

### What if my scooter’s batteries won’t charge?

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

### Can I use a different charger?

For the safest, most efficient, and balanced charging of your scooter’s batteries, we prefer and highly recommend simultaneous charging of both batteries with the off-board battery charger supplied with your scooter.

# V. BATTERIES AND CHARGING

## 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.

With these considerations in mind, you can determine how often and for how long you should charge your scooter's batteries. The off-board battery charger was designed 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 to give you a full day of service. 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. Batteries that are regularly and deeply discharged, infrequently charged, 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 **2-2.4 bar (30-35 psi)** in 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.

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



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

## Why do my new batteries seem weak?

Deep-cycle batteries employ a 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.



# V. BATTERIES AND CHARGING

We work closely with our battery manufacturer to provide batteries that best suit your scooter's specific electrical demands. During shipping, the batteries may encounter temperature extremes that may 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.

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.

## What about public transport?

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

## BATTERY REPLACEMENT



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

### Battery Removal

1. Remove the battery compartment lid. See figure 12.
2. Disconnect the battery harnesses. See figure 13.
3. Remove the battery pack from the scooter. See figure 14.
4. Unzip the battery pack and remove the battery or batteries.
5. Disconnect the red (+) positive and black (-) negative battery leads from the battery terminals by pulling them gently from the battery terminals. See figure 15.

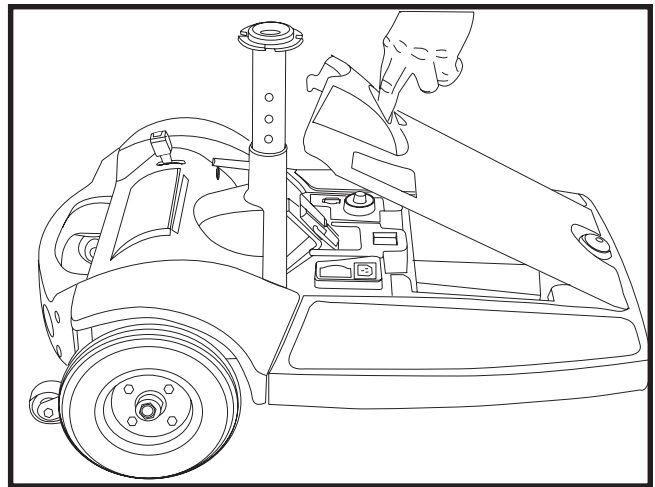


Figure 12. Battery Compartment Lid

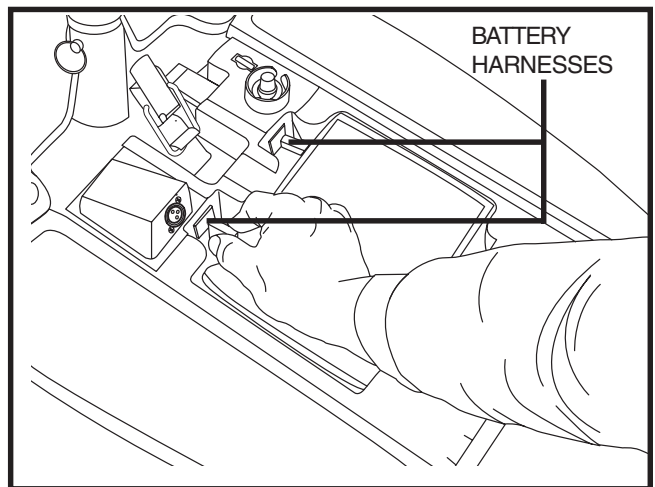


Figure 13. Battery Harness Removal



# V. BATTERIES AND CHARGING

## Battery Replacement

1. Connect the two (2) battery leads to the new battery terminals. See figure 15.
  - Red lead to (+) positive terminal.
  - Black lead to (-) negative terminal.
2. Put the battery or batteries back into the battery pack with the battery terminals facing up.
3. Zip the battery pack and place it back into the battery compartment.
4. Reconnect the battery harnesses.
5. Replace the battery compartment lid.

## 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.

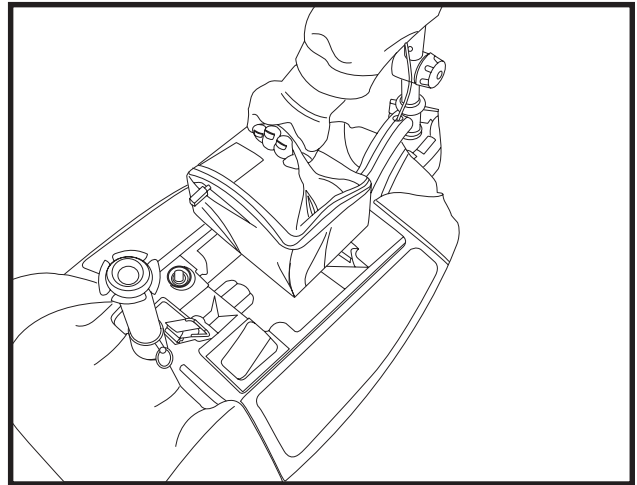


Figure 14. Battery Pack Removal

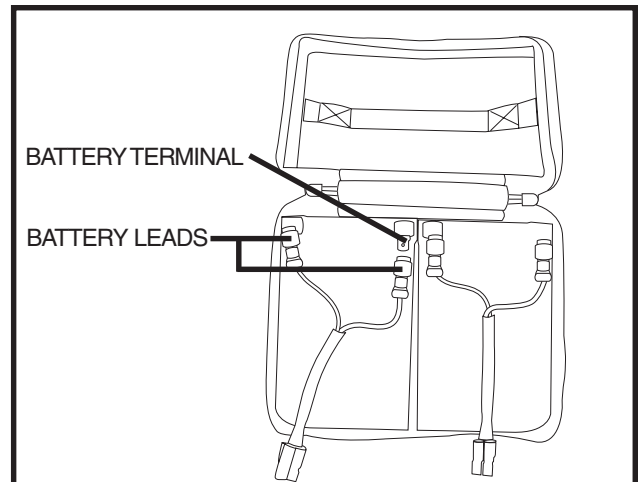


Figure 15. Battery Leads

# VI. OPERATION

## BEFORE GETTING ONTO YOUR SCOOTER

- Have you fully charged the batteries? See V. “Batteries and Charging.”
- Is the manual freewheel lever in the drive position? Never leave the manual freewheel lever in freewheel mode unless you are manually pushing your scooter.
- **Is the tiller lock knob in the unlocked position?** See VIII. “Disassembly and Assembly.”

## GETTING ONTO YOUR SCOOTER

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



**WARNING! Never 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. Make certain that the seat is locked securely in position.
4. Position yourself comfortably and securely in the seat.
5. Make certain that your feet are safely on the floorboard.

## PRE-RIDE ADJUSTMENTS AND CHECKS

- Are you positioned comfortably in the seat?
- Is the seat at the proper height?
- Is the seat securely in place?
- Is the tiller at a comfortable setting and locked securely in place? See VII. “Comfort Adjustments.”
- Is the key fully inserted into the key switch? See IV. “Your Scooter.”
- Does the scooter’s 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:**



- **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**

**Such practices could cause loss of control and/or tipping, resulting in personal injury and/or damage to your scooter.**

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.
- Press your thumb against the appropriate side of 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.

## VI. OPERATION

- Move the tiller to the center position to drive straight ahead.
- Release the throttle control lever to decelerate and come to a complete stop.
- The electromechanical disc park brake automatically engages when your scooter comes 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. Remove the key from the key switch.
3. Carefully and safely get out of the seat to either side of your scooter.

### 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 controller shuts down automatically.

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

1. Remove the key from the key switch.
2. Reinsert the key and power up your scooter.

# VII. 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.

1. Turn the tiller adjustment knob anticlockwise to loosen the tiller. See figure 16.
2. Move the tiller to a comfortable position.
3. Turn the tiller adjustment knob clockwise to secure the tiller in position.

**NOTE:** *In order to lower the tiller to the scooter deck, you must first remove the seat. Remove the seat by pulling it straight up and off of the scooter.*

## SEAT HEIGHT ADJUSTMENT

The seat can be repositioned to one of two different heights. See figure 17.

1. Remove the seat from your scooter.
2. Use the attached ring to pull and remove the detent pin from the lower seat post.
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 adjustment holes in the upper and lower seat post.
5. Fully insert the detent pin.
6. Replace the seat.

## SEAT ROTATION

The seat lock lever is located at the bottom right side of the seat. This lever allows you to lock the seat into one of four positions: forward, rearward, left, and right.

1. Pull up on the seat lock lever to unlock the seat.
2. Rotate the seat to the desired position.
3. Release the seat lock lever to lock the seat securely in place.

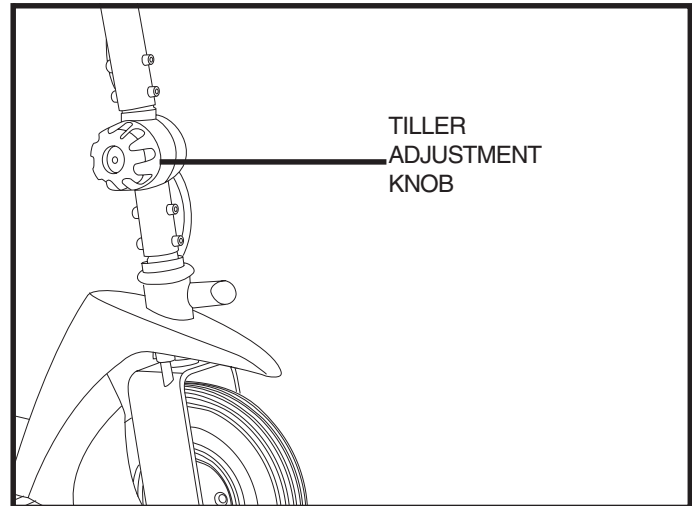


Figure 16. Tiller Adjustment

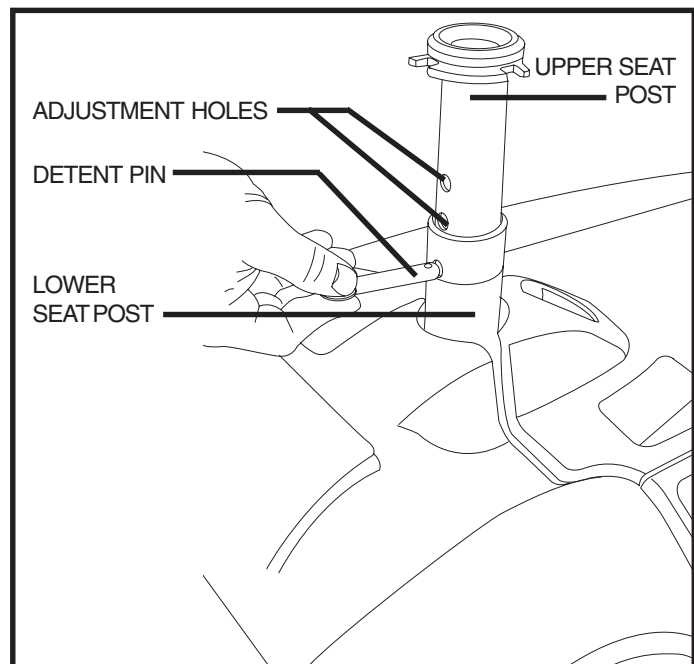


Figure 17. Seat Height Adjustment

## VII. COMFORT ADJUSTMENTS

### ARMREST WIDTH ADJUSTMENT

The armrest width can be adjusted inward or outward. See figure 17A.

1. Remove the detent pins located near the armrest adjustment knobs.
2. Loosen the armrest adjustment knobs.
3. Slide the armrests in or out to the desired width.
4. Reinsert the detent pins through the adjustment holes of both the seat frame and armrest frame.
5. Tighten the armrest adjustment knobs as required.

**NOTE:** *Pivot the armrests upward to aid in getting onto and off of your scooter.*

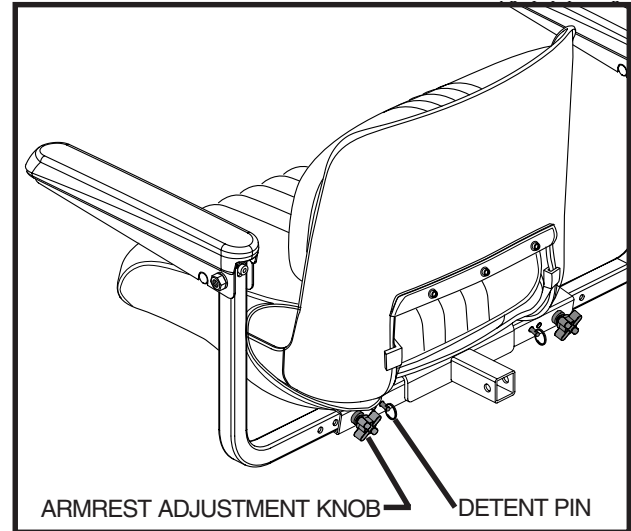


Figure 17A. Armrest Width Adjustment

# VIII. DISASSEMBLY AND ASSEMBLY

## DISASSEMBLY

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

You can disassemble your scooter into four pieces: the seat, the front section, the rear section, and the battery pack. See figure 18.

Before disassembling the scooter, remove the key and place the manual freewheel lever in the drive (forward) position.

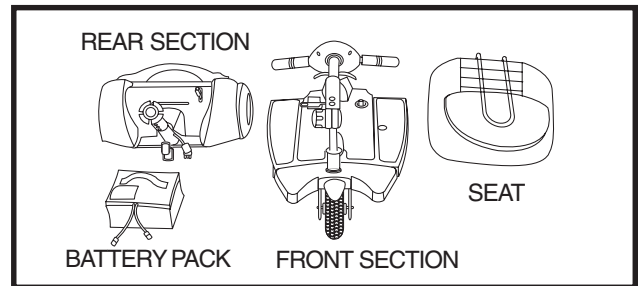


Figure 18. Disassembled Scooter



**WARNING! Lifting weight beyond your physical capability may result in personal injury. Ask for assistance when necessary before disassembling or assembling your scooter.**

1. Lock the tiller in place by pushing the tiller lock knob in and turning it clockwise 90°. See figure 19. The front wheel must face forward in order to lock the tiller.
2. Remove the seat by pulling it straight upward.
3. Remove the battery compartment lid and place it out of the way.
4. Unplug the front-to-rear harness and both battery harnesses. See figure 20.

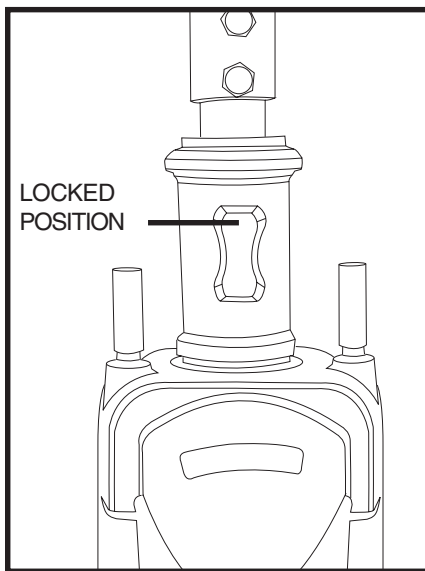


Figure 19. Tiller Lock knob (Locked)

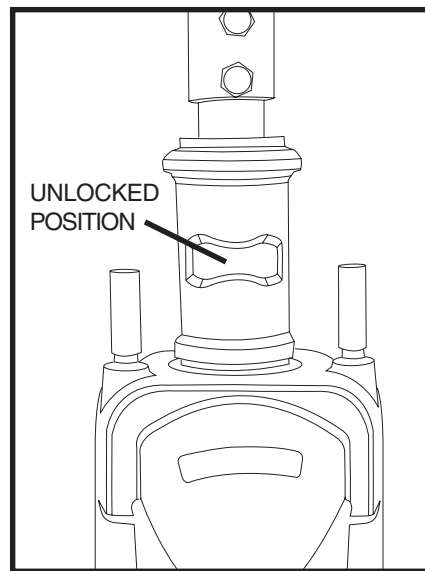


Figure 19A. Tiller Lock Knob (Unlocked)

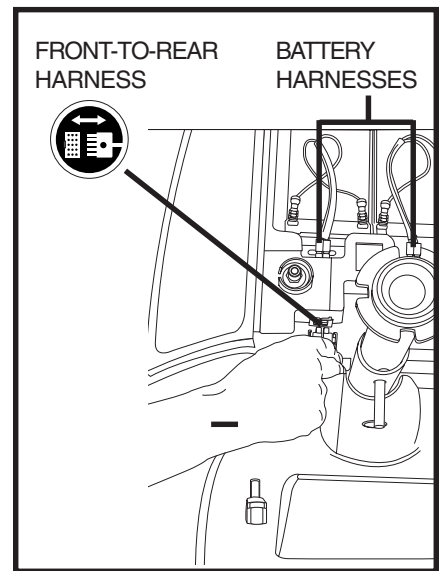


Figure 20. Wiring Harnesses

# VIII. DISASSEMBLY AND ASSEMBLY

## Toggle Latch Release

1. Push in the toggle latch release button while pulling back the toggle latch. See figure 21.
2. Position the toggle latch buckle over the top of the toggle latch. See figure 22.
3. Lower the tiller to the scooter floorboard and fully tighten the tiller adjustment knob.

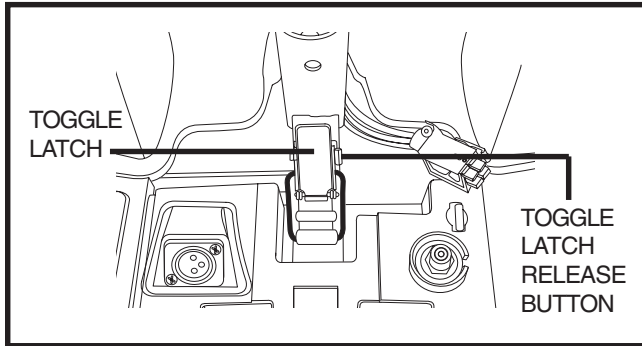


Figure 21. Toggle Latch (Latched)

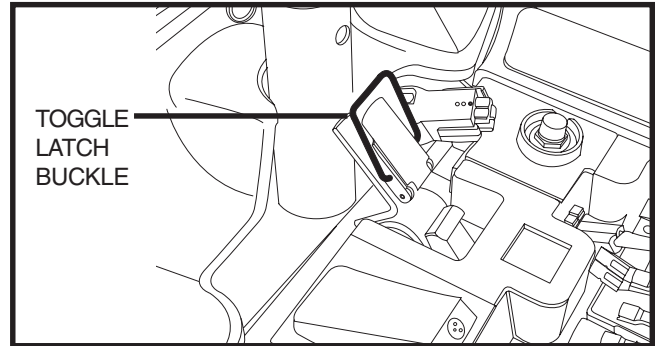


Figure 22. Toggle Latch (Unlatched)

## Frame Separation

1. Push back on the seat post to pivot the rear section rearward until it is standing vertically on its end. See figure 23.
2. Lift the front section up until the lower pegs are no longer in the slots. See figure 24.
3. Carefully lift the front section vertically away from the rear section. See figure 25.

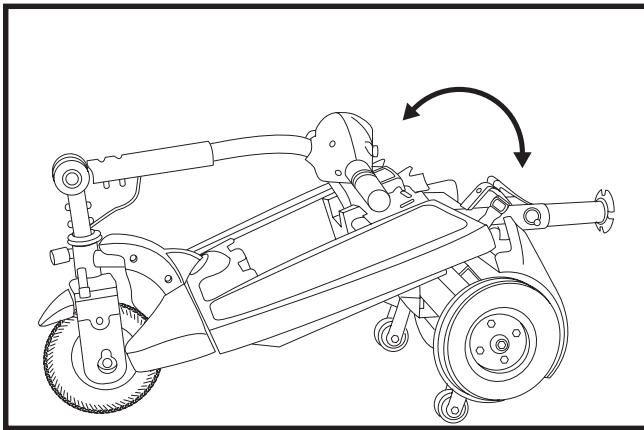


Figure 23. Frame Positioning

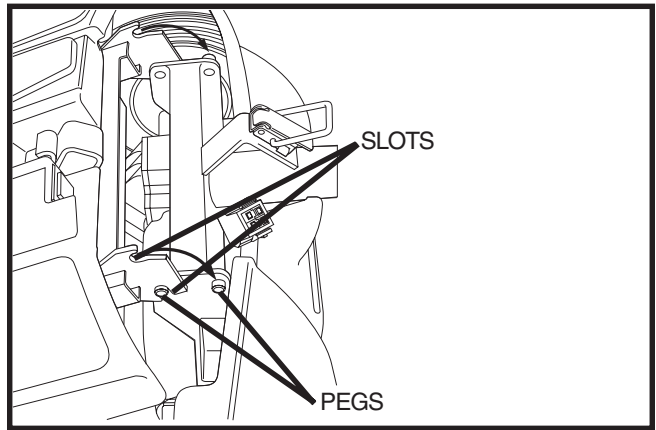


Figure 24. Frame Lockup

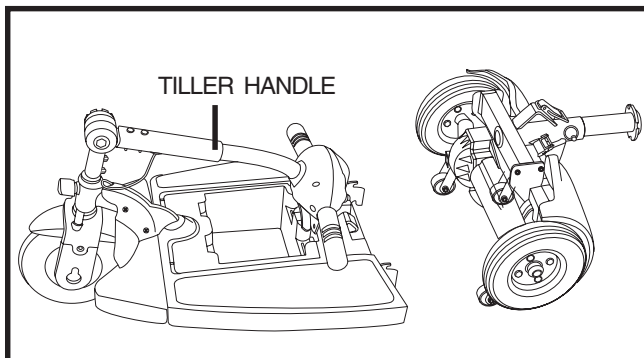


Figure 25. Frame Halves

## VIII. DISASSEMBLY AND ASSEMBLY

### ASSEMBLY

1. Position the front and rear sections of your scooter as shown in figure 25.
2. Use the tiller handle to lift the front section as you align the lower slots of the front section with the corresponding pegs on the front of the rear section. See figure 24.
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 23.
4. Raise the tiller and fully tighten the tiller adjustment knob.
5. Secure the toggle latch. See figure 21.
  - Lower the toggle latch buckle.
  - Push back on the toggle latch so it locks into place.
6. Connect the front-to-rear harness and both battery harnesses. See figure 20.
7. Replace the battery compartment lid.
8. Replace the seat and rotate it until it locks into place.
9. Unlock the front wheel by turning the tiller lock knob 90° anticlockwise. See figure 19A.



**WARNING! After assembling your scooter, make absolutely certain the tiller lock knob is in the unlocked position before attempting to ride your scooter.**



# 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.

## DIAGNOSTIC BEEP CODES

The diagnostic beep codes for your scooter are designed to help you perform basic troubleshooting quickly and easily. A diagnostic beep code will sound in the event one of the conditions listed below develops.

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

| BEEP CODE                        | CONDITION   | SOLUTION  |
|----------------------------------|---|---|
| ■ ■<br>(2)                       | Battery voltage is too low to operate the scooter.  | Charge fully until charger and any meters indicate completion.  |
| ■ ■ ■<br>(3)                     | Battery voltage is too high to operate the scooter.   | Call your authorised Pride Provider for assistance.   |
| ■ ■ ■ ■ ■<br>(5)                 | Solenoid brake trip. The manual freewheel lever may be in the freewheel position.   | Remove the key, then push the manual freewheel lever to the drive position, restart your scooter.                                     |
| ■ ■ ■ ■ ■ ■ ■<br>(6)             | Throttle trip. The throttle control lever may have been depressed while inserting the key.  | Release the throttle control lever completely, then reinsert the key.   |
| ■ ■ ■ ■ ■ ■ ■ ■ ■<br>(7)         | Throttle trip. Throttle potentiometer fault or speed potentiometer fault.   | Call your authorised Pride Provider for assistance.   |
| ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■<br>(8)     | The scooter's motor is disconnected.  | Call your authorised Pride Provider for assistance.   |
| ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■<br>(9) | Possible controller trip. You may be attempting to install the battery pack while the key is inserted or the motor controller may be in overheat protective mode. | Shut down your scooter for a minimum of several minutes to allow the controller to cool. Try reinserting the key into the key switch. |

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

- Make certain that the key is fully inserted into the key switch.
- Check that the batteries are fully charged. See V. “Batteries and Charging.”
- Push in the main circuit breaker reset button. See IV. “Your Scooter.”
- Make certain that all wiring harnesses (battery and front-to-rear) are firmly connected.
- Be sure the power down timer feature hasn't been activated. Fully remove the key from the key switch then reinsert the key back into the key switch.

### What if the motor runs but my scooter does not move?

- Your scooter was probably left in freewheel mode.
- When the manual freewheel lever is pushed rearward, the brakes are disengaged and all power to the motor/transaxle is cut.
- Push the manual freewheel lever forward, then remove the key— reinsert the key back into the key switch to restore normal operation to your scooter.

## IX. BASIC TROUBLESHOOTING

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

- Fully charge your scooter's batteries. See V. "Batteries and Charging."
- Have your authorised Pride Provider load test each battery.

**What if the main circuit breaker trips repeatedly?**

- Charge the scooter's batteries more frequently. See V. "Batteries and Charging."
- If the problem persists, have both of your scooter's batteries load tested by your authorised Pride Provider.
- See V. "Batteries and Charging" or III. "Specifications" for information about your scooter's battery type.
- Check the fuse located next to the circuit breaker button.

In the event the fuse ceases to work (blows):

- Remove the fuse by pulling it out of its slot.
- Examine the fuse to be sure it is blown. See figures 26 and 27.
- Insert a new fuse of the proper rating.

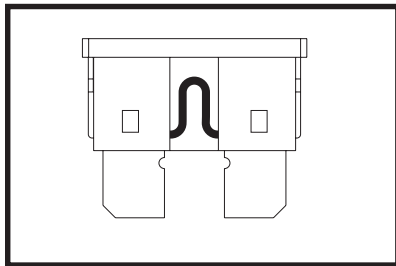


Figure 26. Working Fuse

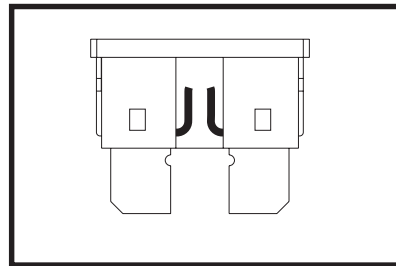


Figure 27. Blown Fuse

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

# X. 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 with your authorised Pride Provider. The following areas require periodic inspection and/or care and maintenance.

## TYRE CONDITION AND TREAD WEAR

- Regularly inspect your scooter's tyres for signs of wear.
- Use a rubber conditioner on your scooter's tyre sidewalls to help to preserve them.



**WARNING! Do not apply rubber conditioner on tyre tread; this may cause the tyres to become dangerously slippery.**

## EXTERIOR SURFACES

- Bumpers and trim also benefit from an occasional application of a rubber or vinyl conditioner.



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

- The scooter shroud is made from durable ABS plastic and coated with an advanced formula urethane paint. A light application of car wax will help the shroud retain its high gloss.

## WIRING HARNESES

- Regularly check wiring harness insulation 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.

## AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

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

## CONSOLE, CHARGER, AND ELECTRONICS

- Keep these areas free of moisture.
- If any of these items are exposed to moisture, let them dry thoroughly before operating your scooter again.

## STORAGE

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.
- 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 the scooter 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.

# XI. 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 labor 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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