

Ultimate 3-4

Owner's Manual



The Ultimate In Style & Performance[®]

Pride

Mobility Products Europe B.V.

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The Netherlands*

www.pridemobility.com

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! Failure to follow designated procedures can cause either personal injury, component damage, or malfunction (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 with white border).



PROHIBITED! These actions should be prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause injury to personnel and/or damage to equipment (black symbol with red circle and red slash).

My authorized Pride Provider is:

Name: _____
Address: _____
Phone Number: _____
Purchase Date: _____

Provider

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INFMANU3049/Rev B/October 2012

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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.

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

SAFETY

WELCOME to Pride Mobility Products Corporation (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 authorized 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 void Pride's product warranty.**

NOTE: Any tasks and work procedures not described in this manual must be carried out by your authorized Pride Provider.

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 Pride product, and about the service you received from your authorized 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 Pride product. Please feel free to contact us at the address below:

Pride Mobility Products Europe B.V.
Castricummer Werf 26
1901 RW Castricum
The Netherlands

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.

Shipping

During shipping the original packaging must be used and individual components (batteries, etc.) should be secured against slipping. During transportation with for example, a truck, the scooter must be secured against slipping (hazard when braking). Before using your scooter, make sure your delivery is complete. Should this not be the case, please contact your authorized Pride Provider immediately. Where damage has occurred during transport, either to the packaging or content, please contact the delivery company responsible.

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.



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



Maximum seating weight.

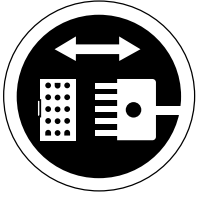


Unlocked and in freewheel mode.

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.



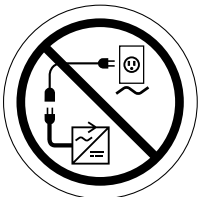
Do not use a cell phone, walkie/talkie, laptop, or other radio transmitter while operating.



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 authorized Pride Provider in the instruction process for the use of the product.

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

As you begin using your scooter during daily activities, you will probably encounter situations in which you will need some practice. Simply take your time and you will soon be in full and confident control as you maneuver through doorways, on and off 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. A wide range of accessories is available from your authorized Pride Provider to further customize your scooter to better suit your needs and/or preferences. However, under no circumstances should you modify, add, remove, or disable any feature, part, or function of your scooter.



WARNING! Do not modify your scooter in any way not authorized by Pride. Unauthorized 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.

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."

II. SAFETY

Perform the following inspections prior to using your scooter:

- Check for proper tire inflation (if equipped with pneumatic tires).
- 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.

Tire Inflation

If your scooter is equipped with pneumatic tires, you should check or have the air pressure checked regularly. Proper inflation pressures will prolong the life of your tires and help ensure the smooth operation of your scooter.



WARNING! It is critically important that 2-2,4 bar tire pressure be maintained in pneumatic tires at all times. Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Failure to maintain 2-2,4 bar tire pressure in pneumatic tires at all times may result in tire and/or wheel failure, causing serious personal injury and/or damage to your scooter.

WARNING! Inflate your scooter tires from a regulated air source with an available pressure gauge. Inflating your tires from an unregulated air source could overinflate them, resulting in a burst tire and/or personal injury.

Weight Limitations

Your scooter is rated for a maximum weight capacity. Refer to the specifications table for this 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 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 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 figures 1 and 2, 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. Figures 1 and 1A illustrate your scooter's stability and its ability to climb grades under various weight loads and under controlled testing conditions.

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

WARNING! Any attempt to climb or descend a slope steeper than what is shown in figures 1 and 2 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 7 kg. Never fill the rear basket with contents exceeding 7 kg.

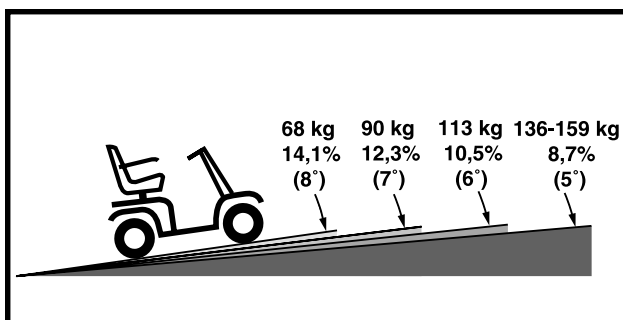


Figure 1. 3-wheel Maximum Recommended Incline Angles

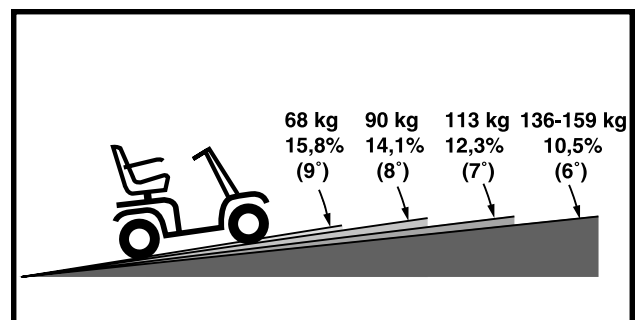


Figure 2. 4-wheel Maximum Recommended Incline Angles

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.

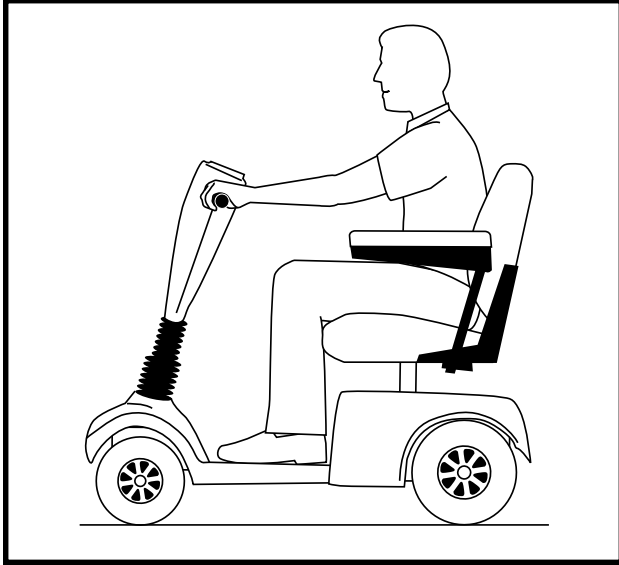


Figure 2. Normal Driving Position

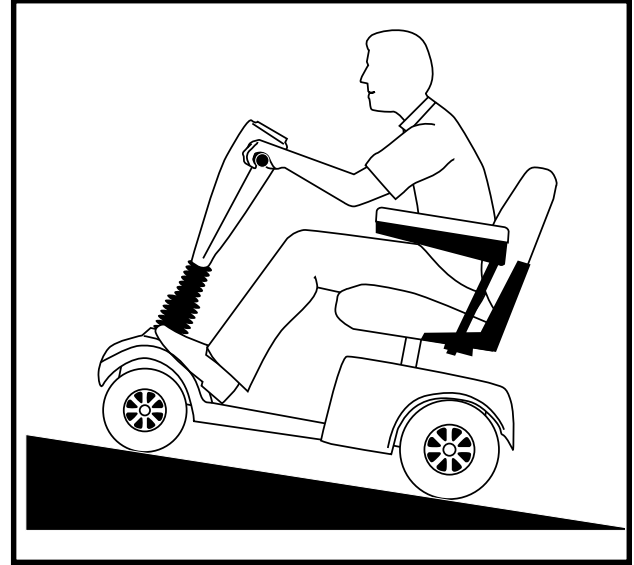


Figure 2A. Increased Stability Driving Position

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 two 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 recognizes 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.

Streets and Roadways



WARNING! Use extreme caution when operating your scooter on public streets and roadways. Be aware that it may be difficult for traffic to see you when you are seated on your scooter. Obey all local pedestrian traffic rules. Wait until your path is clear of traffic, and then proceed with extreme caution.

NOTE: Safety accessories like fluorescent flags are available to order from your authorized Pride Provider.

Stationary Obstacles (Steps, Curbs, etc.)

WARNING! Do not drive near raised surfaces, unprotected ledges, and/or drop-offs (curbs, 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, curb, or other obstacle. This may cause the scooter to tip and cause personal injury.

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

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

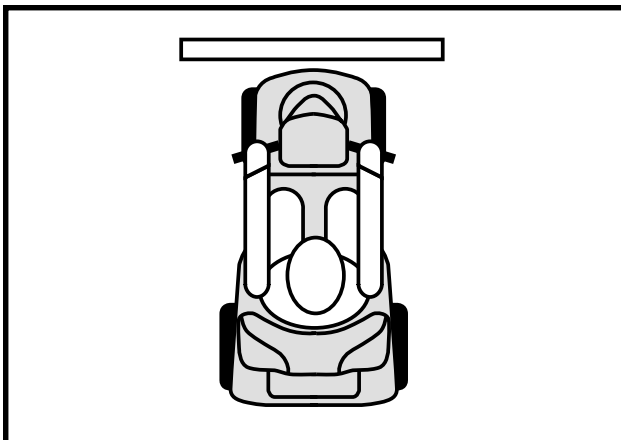


Figure 3. Correct Curb Approach

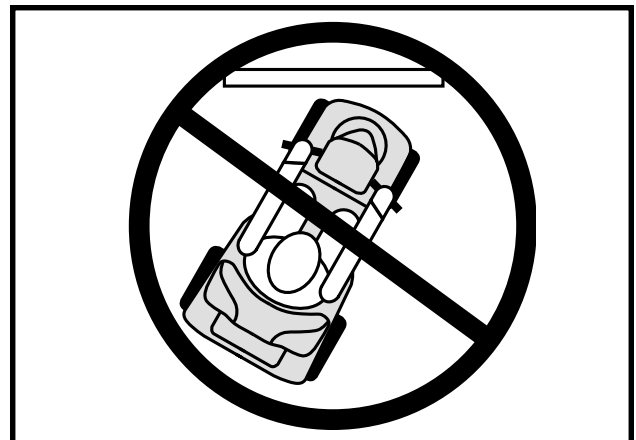


Figure 3A. Incorrect Curb Approach

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 pushed forward, 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 an elevator.



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

Elevators

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

- If you are in the doorway of an elevator 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 pocketbooks, packages, or scooter accessories do not become caught in elevator doors.

NOTE: If your scooter's turning radius is greater than 1500 mm, it may be difficult to maneuver in elevators and building entrances. Use caution when attempting to turn or maneuver 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.

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 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 authorized Pride Provider for instructions on disposal. Your authorized Pride Provider will also have the necessary information on battery recycling, which is our recommended course of action.

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.

II. SAFETY



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:

- 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 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 center 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 center of gravity and the weight distribution of the scooter and cause your scooter to tip, possibly resulting in personal injury. Keep your hands away from the tires when driving.

Positioning Belts

Your authorized 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.

II. SAFETY

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, laptop 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 authorized 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, go to 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 authorized Pride Provider to report the incident.

III. SPECIFICATIONS

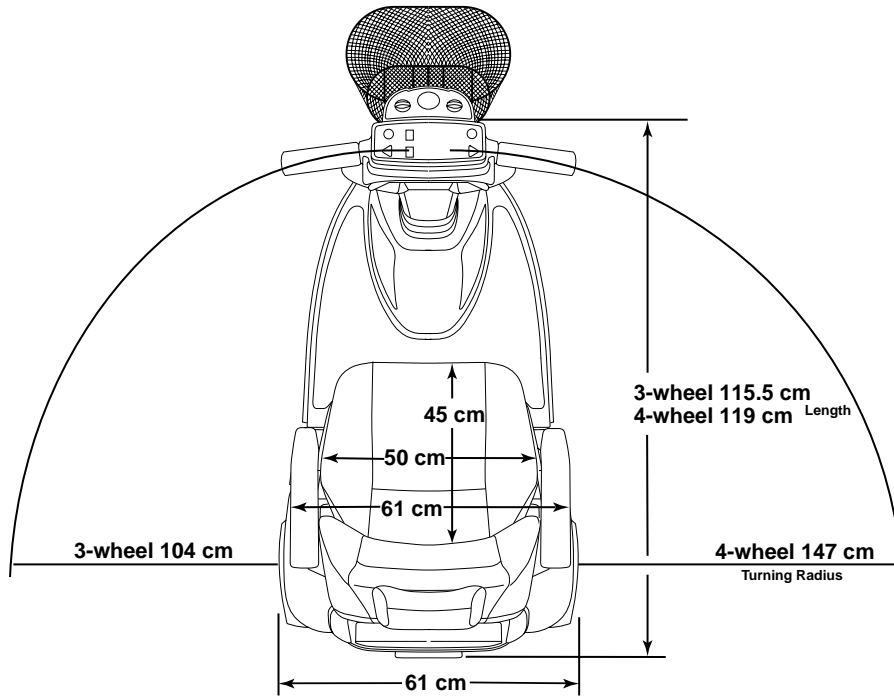
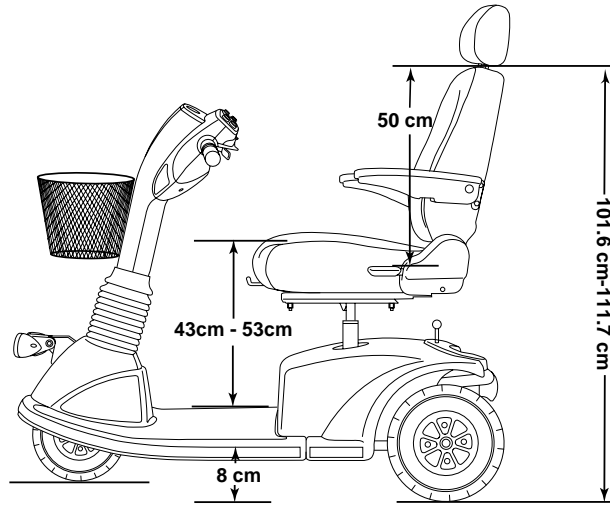


Figure 4. Scooter Dimensions

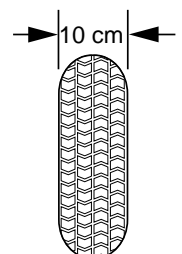
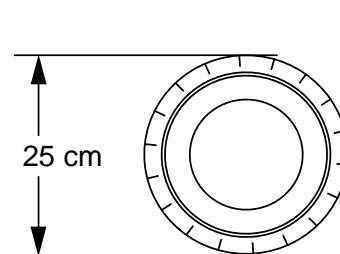
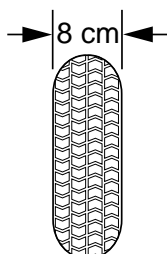
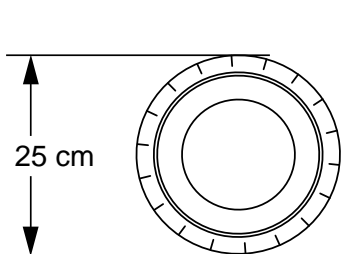


Figure 4A. Front Tire Dimensions

Figure 4B. Rear Tire Dimensions

III. SPECIFICATIONS

Model number	3-wheel: CF3001 4-wheel: CF3401
Class of Use	B
Maximum Safe Slope	8,7%
Maximum Climbing Ability	8,7%
Maximum Obstacle Climbing Ability	5 cm
Colors	Red
Overall Length	3-wheel: 115,5 cm 4-wheel: 119 cm
Overall Width	61 cm
Total Weight Without Batteries	3-wheel: 72 kg 4-wheel: 73 kg
Heaviest Piece When Disassembled	Rear Frame: 27 kg
Turning Radius	3-wheel: 104 cm 4-wheel: 147 cm
Speed (Maximum)	Up to 9,25 km/h
Range Per Charge*	Up to 40 km (with 32 AH batteries)
Ground Clearance	9 cm
Weight Capacity	159 kg
Standard Seating	Type: CRS Deluxe with sliders Material: Gray Vinyl Dimensions: 50 cm width 46 cm depth (usable) 50 cm height (usable)
Drive System	Rear-wheel drive, sealed mini-transaxle, 24-volt DC motor
Dual Braking System	Electronic, regenerative, and electromechanical
Tires	Type: pneumatic Dimensions: 8 cm x 25 cm (front); 10 cm x 25 cm (rear)
Battery Requirements	Type: Two 12-volt, deep-cycle, AGM or Gel-Cell Size: 32 AH
Battery Charger	Off-board

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

IV. YOUR SCOOTER

TILLER CONSOLE

The tiller console houses all of the controls needed to drive your scooter, including the speed adjustment dial, throttle control lever, battery condition meter, running lights switch, headlight switch, hazard lights switch, turn indicator buttons, on/off indicator LED, and horn buttons. See figure 5.



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.

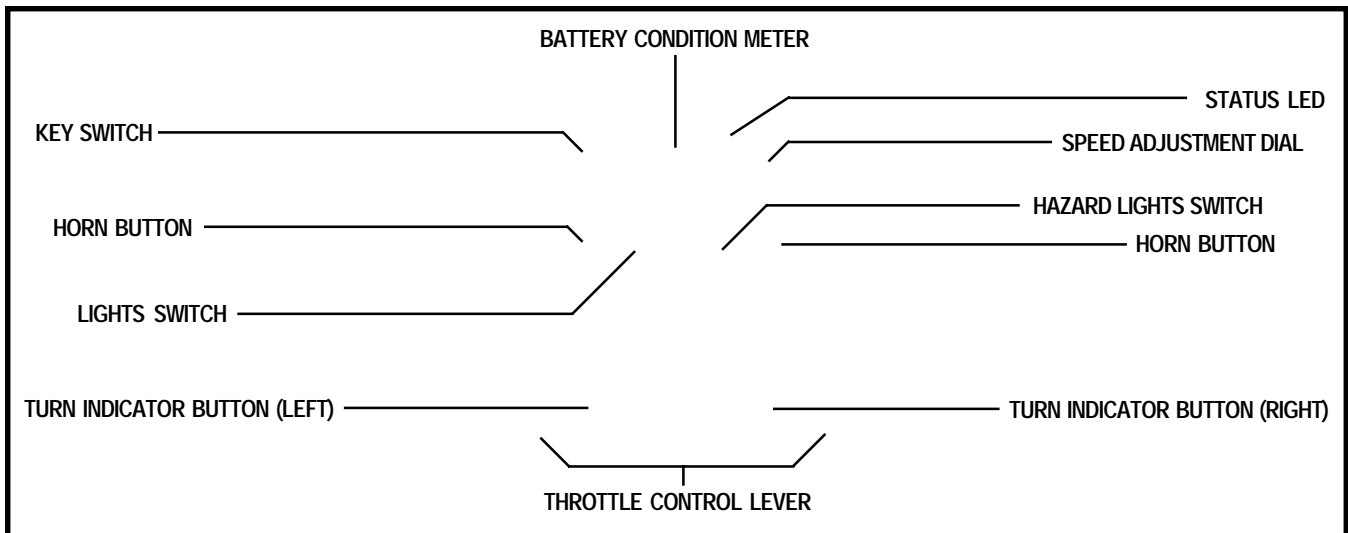


Figure 5. Tiller Console

Key Switch

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

Lights Switch

This three-position switch controls your scooter's front (upper), front (lower), and rear running lights.

- Toggle the switch forward to turn on your scooter's running lights and front (upper) light.
- Toggle the switch to the middle position to turn all scooter lights off.
- Toggle the switch rearward to turn on all scooter lights, including the front (lower) light.

Horn Buttons

The key must be fully inserted into the key switch for the horn to be operational.

- These buttons activate a warning horn.
- Do not hesitate to use the warning horn when doing so may prevent accident or injury.

Hazard Lights Switch

This switch activates the 4-way flashers on your scooter.

- Toggle the switch forward to turn on the flashers.
- Toggle the switch rearward to turn off the flashers.

Turn Indicator Buttons

- Press the appropriate turn indicator button once to activate it.
- Your scooter's turn indicators are timed to shut off automatically.

Status LED

The Status LED will alert you to electrical problems that may occur with your scooter. The LED remains constantly lit while your scooter is on. If your scooter develops an electrical problem, the Status LED will flash a code. See X. "Basic Troubleshooting."

Tiller Console Fuses

These fuses help protect your scooter's front lighting, turn indicators, and key switch console systems from receiving an overload of electrical current. The fuses used in your scooter are the same type used in automobiles. See X. "Care and Maintenance" for fuse replacement.

Off-board Charger Port

The off-board charger supplied with your scooter is connected to the unit via the off-board charger port located in the tiller. See figure 5a.

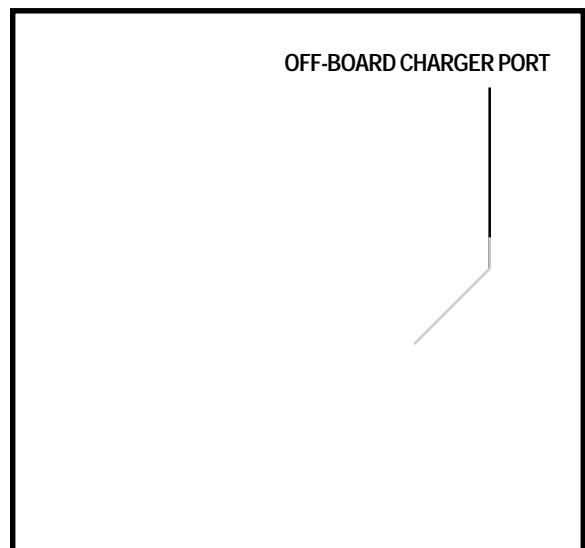


Figure 5a. Off-board Charger Port

IV. YOUR SCOOTER

REAR SECTION

The charger power cord receptacle, batteries (not shown), the main circuit breaker (reset button), the ammeter, the manual freewheel lever, the anti-tip wheels, and the motor/transaxle assembly are located on the rear section of your scooter. See figure 6.

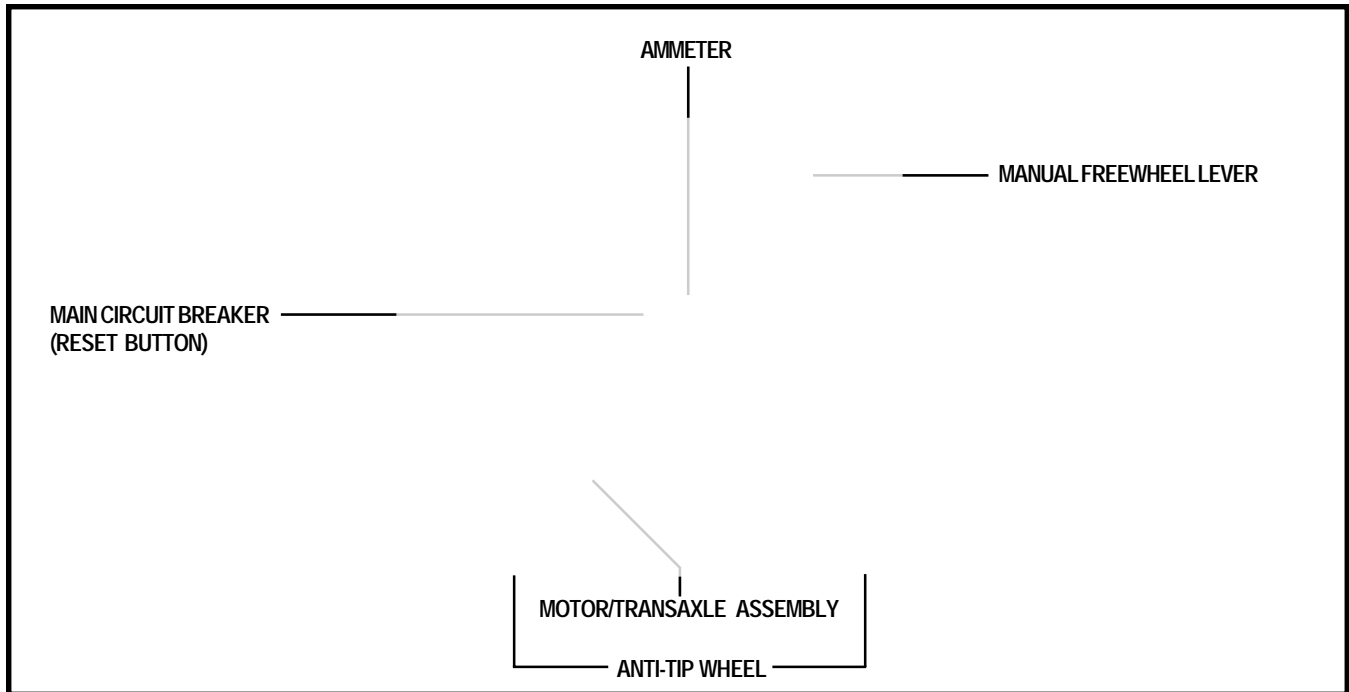


Figure 6. Rear Section

Charger Power Cord Receptacle

The charger power lead plugs into your scooter's battery charger by means of the charger power lead receptacle.

Ammeter

During charging, the ammeter indicates the charging rate, or how hard the charger is working to charge the Ultimate's batteries. See V. "Batteries and Charging."

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 6.

- 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.

IV. YOUR SCOOTER

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 on the end of the motor/transaxle assembly at the right rear of the Ultimate. See figure 6.
- Remove the key from the key switch.
- Pull up on the manual freewheel lever to disable the drive system and the brake system.
- You may now push your scooter.
- Push down on the manual freewheel lever to reengage the drive and the brake systems and take your scooter out of freewheel mode.

WARNING! Before placing your scooter into or taking it out of freewheel mode, make certain that the key is removed from the key switch. Never sit on a scooter when it is in freewheel mode. Never put a scooter in freewheel mode on any incline.



WARNING! Never operate the manual freewheel lever while seated on the scooter or when the scooter is on an incline.

OPERATION OF THE MANUAL FREEWHEEL LEVER

- Only put the scooter in freewheel mode when on a flat surface with the key removed.
- Pull up firmly on the manual freewheel lever when putting the scooter into freewheel mode.
- Push down firmly to engage drive mode.

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

Batteries (Not Shown)

The batteries store the electrical energy that powers your scooter. See V. “Batteries and Charging.”

Anti-Tip Wheels

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



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



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

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 Ultimate’s wheels.

V. BATTERIES AND CHARGING

Your scooter requires two sealed, maintenance free, 12-volt, deep cycle batteries.

- Charge the batteries prior to using your scooter for the first time.
- Keeping the batteries fully charged will 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 color code. See figure 7. Green indicates fully charged batteries, yellow indicates a draining charge, and red indicates that an immediate recharge is necessary. To check the charge, you must first unplug the off-board charger power cord and power up your scooter.

You can also check the charge using the ammeter located on the rear of the scooter. The off-board charger power cord must be plugged into a standard wall outlet in order to obtain a reading. When the amperage reading is at or near zero (0) amps, the battery charging is complete. See figure 8.

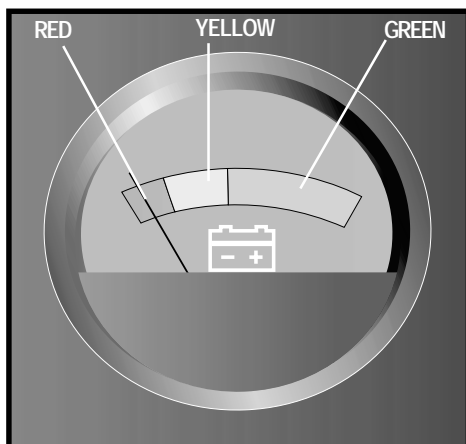


Figure 7. Battery Condition Meter

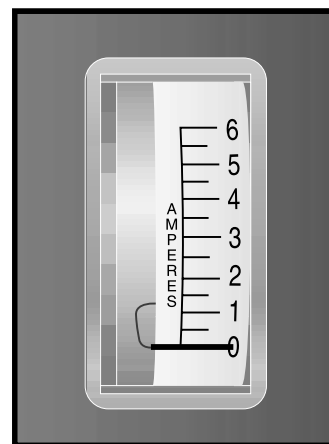


Figure 8. Ammeter (Indicates Full Charge)

CHARGING YOUR BATTERIES

Follow these easy steps to charge your batteries safely:

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 (up) position.
4. Plug the off-board charger power cord into the off-board charger port first, then connect the off-board charger to the wall outlet.



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

5. Refer to the manufacturer-supplied instructions provided with your off-board charger for proper operation.
6. When the batteries are fully charged, unplug the off-board charger from the wall outlet first, and then from the off-board charger port.

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.

V. BATTERIES AND CHARGING

FREQUENTLY ASKED QUESTIONS (FAQS)

How does the charger work?

When battery voltage is low, the charger works harder and sends more electrical current to the batteries to bring up their charge. As the voltage of the batteries approaches a full charge, the charger sends less and less electrical current to the batteries. When the batteries are fully charged, the current sent to them 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 the scooter's batteries won't charge?

- Be sure the battery cables are connected properly.
- Ensure both ends of the charger cord 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 the simultaneous charging of both batteries by use of the supplied off-board battery charger.

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 just how often and for how long you should charge your scooter's batteries. The off-board charger was designed so that it will not overcharge your scooter's batteries (do not charge them for more than 24 consecutive hours). 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 five 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.
- Do not charge your scooter's batteries for more than 24 consecutive hours.

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. You will often face hills, pavement cracks, uneven and loosely packed surfaces, curves, and wind. All of these driving conditions 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 your daily use.
- Maintain proper pressure in all of your scooter's tires (if equipped with pneumatic tires).
- Plan your route ahead to avoid as many hills, cracked, broken, or soft surfaces as possible.

V. BATTERIES AND CHARGING

- Limit your baggage weight to essential items.
- Try to maintain an even speed while your scooter is in motion.
- Avoid stop-and-go driving.

What type and size of battery should I use?

We recommend deep-cycle batteries that are sealed and maintenance free. Both AGM and Gel-Cell are deep-cycle batteries that are similar in performance. Do not use wet-cell batteries which have removable caps.



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

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

To change a battery in your scooter:



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

1. Remove the seat and the rear shroud. See VIII. “Disassembly and Assembly.”
2. Disconnect the battery strap.
3. Disconnect the 2-pin, black and white battery harness from its mating plug. See VIII. “Disassembly and Assembly.”
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 2-pin, black and white battery harness to its mating plug.
10. Reconnect the battery strap.
11. Reinstall the rear shroud and seat.

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 are shipped fully charged to our customers. 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 stabilize and adjust to their new room or ambient temperature. More importantly, it takes a few charging cycles (a partial drain followed by a full recharge) to establish the critical chemical balance that is essential to a deep-cycle battery’s peak performance and long life.

V. BATTERIES AND CHARGING

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

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

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 should I store my scooter and its batteries?

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 battery harnesses.
- Store your scooter in a warm, dry environment.
- Avoid storing your scooter where it will be exposed to temperature extremes.



WARNING! If your scooter's batteries do become frozen, do not attempt to charge them. Cold or frozen batteries should be allowed to warm up for several days prior to recharging.

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 of the tires and reduces the possibility of flat spots developing on the areas of the tires contacting the ground.

What about public transportation?

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

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 (down) position? Never leave the manual freewheel lever pulled up unless you are manually pushing your scooter.

GETTING ONTO YOUR SCOOTER



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

1. Make certain that the key is removed from the key switch.
2. Stand at the side of your scooter.
3. Disengage the seat lock lever and rotate the seat until it is facing you.
4. Position yourself comfortably and securely in the seat.
5. Fasten the positioning belt, if so equipped.
6. Disengage the seat lock lever and rotate the seat until you are facing forward.
7. Make certain that the seat is locked securely in position.
8. Make certain that your feet are safely on the floorboard.

PRE-RIDE ADJUSTMENTS AND CHECKS

- Is the seat at the proper height? See VII. “Comfort Adjustments.”
- Is the tiller at a comfortable setting and locked securely in place? See VII. “Comfort Adjustments.”
- Is the key inserted in the key switch and in the “on” position?
- 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

After planning your route:

1. Set the speed adjustment dial to your desired speed.
2. Press your thumb against the appropriate side of the throttle control lever. The electromechanical disc park brake will automatically disengage, and the scooter will accelerate smoothly to the speed you preselected with the speed adjustment dial.
3. Steer your scooter along your planned route:
 - Pull on the left handgrip to steer your scooter to the left.
 - Pull on the right handgrip to steer your scooter to the right.
 - Move the tiller to the center position to drive straight ahead.
4. Release the throttle control lever to decelerate and come to a complete stop. The electromechanical disc park brake will automatically engage when your scooter comes to a stop.

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

GETTING OFF OF YOUR SCOOTER

1. Bring your scooter to a complete stop.
2. Make certain that you remove the key from the key switch.
3. Disengage the seat lock lever and rotate the seat until you are facing toward the side of your scooter.
4. Make certain that the seat is locked securely in position.
5. Unfasten the positioning belt, if so equipped.
6. Carefully and safely get out of the seat and stand to the side of your scooter.
7. You can leave the seat facing to the side to facilitate boarding your scooter the next time you wish to operate it.

POWER DOWN TIMER FEATURE

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

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

1. 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. Never attempt to adjust the tiller while the scooter is in motion.

Your scooter is equipped with a pivoting tiller that allows adjustment to several positions from the scooter deck to the furthest forward stop.

1. Lift the tiller adjustment lever. See figure 9.
2. Move the tiller to a comfortable position.
3. Release the tiller adjustment lever to secure the tiller in position.

SEAT ROTATION ADJUSTMENT

The seat lock lever locks the seat in one of eight positions. See figure 10.

1. Push forward 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.

FRONT-TO-BACK SEAT ADJUSTMENT

You can reposition the Ultimate's seat forward or rearward to adjust the distance between the seat and the tiller. See figure 10.

1. Move the seat sliding lever outward.
2. While holding the lever out, slide the seat forward or rearward.
3. Release the seat sliding lever once the seat is in the desired position.

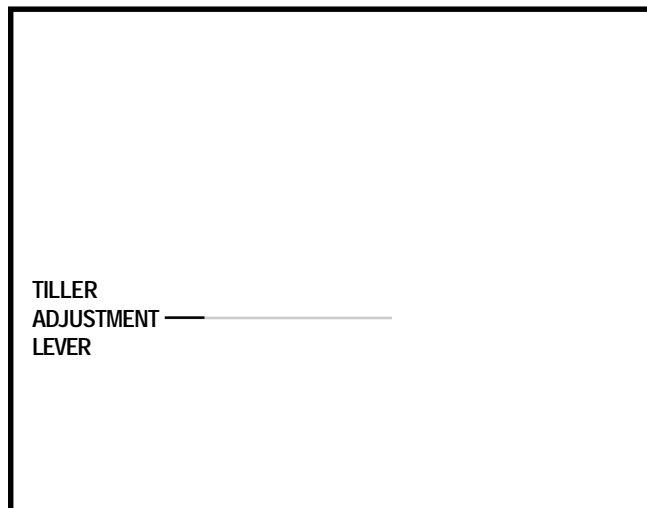


Figure 9. Tiller Adjustment

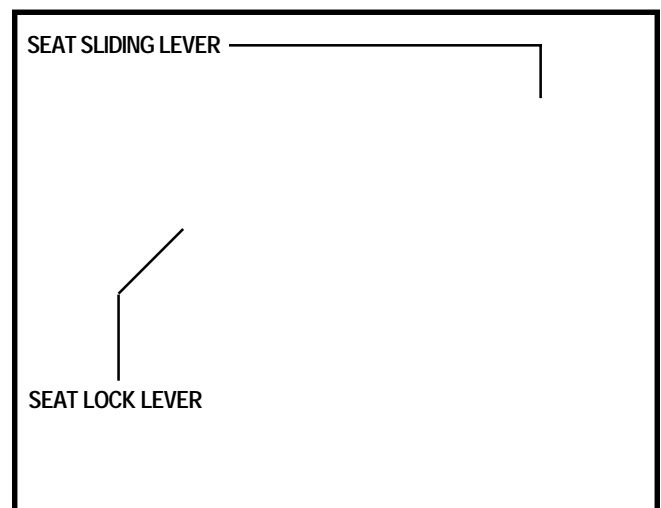


Figure 10. Seat Adjustments

VII. COMFORT ADJUSTMENTS

SEATBACK ADJUSTMENT

To adjust your scooter's reclining seat, perform these steps. See figure 11.

1. While pulling up on the seatback adjustment lever, lean forward or rearward to adjust the seatback.
2. Release the seatback adjustment lever once the seat is in a comfortable riding position.

ARMREST ANGLE ADJUSTMENT

The armrests of your scooter can be adjusted upward or downward. See figure 12. By turning the adjustment dial, the armrest will either raise or lower.

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

SEAT HEIGHT ADJUSTMENT

You can change the seat height to one of three positions in 2.5 cm increments. See figure 13.

Changing the seat height:

1. Turn the scooter off and place the manual free-wheel lever in drive mode.
2. Lift the seat up and out of the seat post.
3. Loosen and remove the seat height adjustment bolt, bolt-nut, and washers.
4. Slide the upper seat post up or down in the lower seat post.
5. Align the adjustment holes of the upper seat post and the lower seat post.
6. Reinstall the seat height adjustment bolt, bolt-nut, and washers, then tighten.
7. Reinstall the shroud.
8. Reinstall and lock the seat into place.

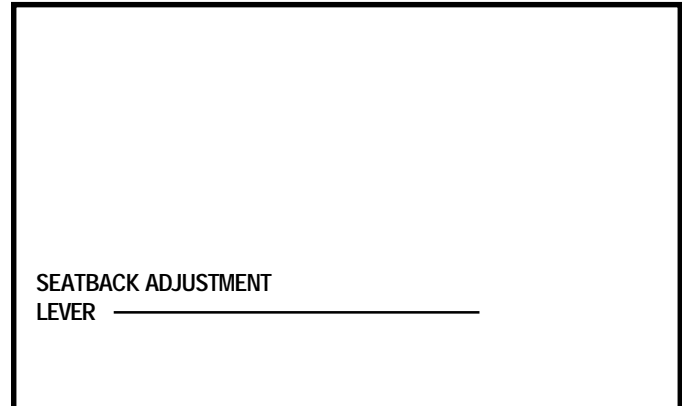


Figure 11. Seatback Adjustment

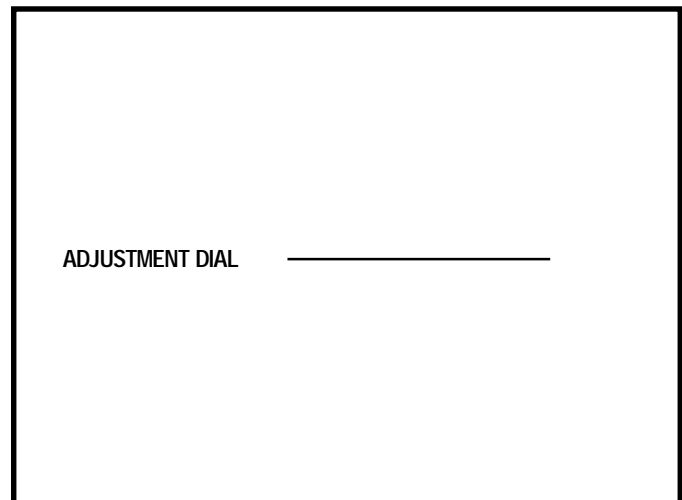


Figure 12. Armrest Angle Adjustment

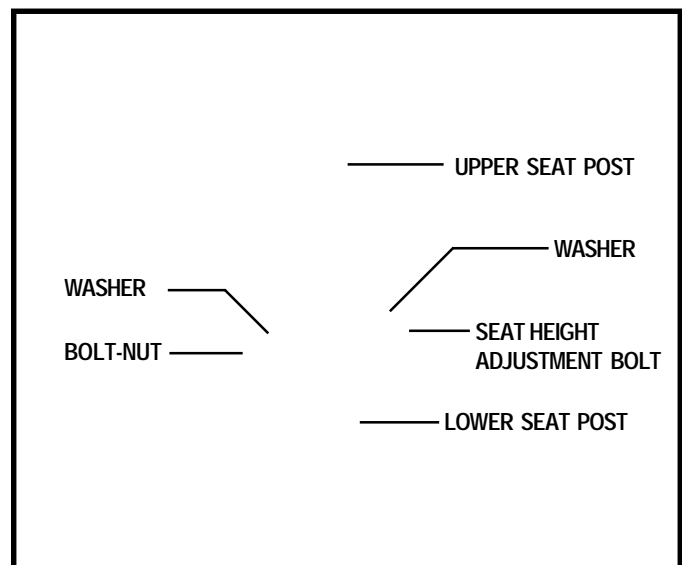


Figure 13. Seat Height Adjustment

VIII. DISASSEMBLY AND ASSEMBLY

DISASSEMBLY

You can disassemble the scooter into seven pieces: the seat, the front section, the rear section, the rear shroud, the basket, and the batteries. See figure 14. Place the scooter in an area where you have sufficient clearance to move the parts around. You need about 2 meters in all directions. You may need assistance to lift some of the scooter components. See III. "Specifications" for individual component weights.

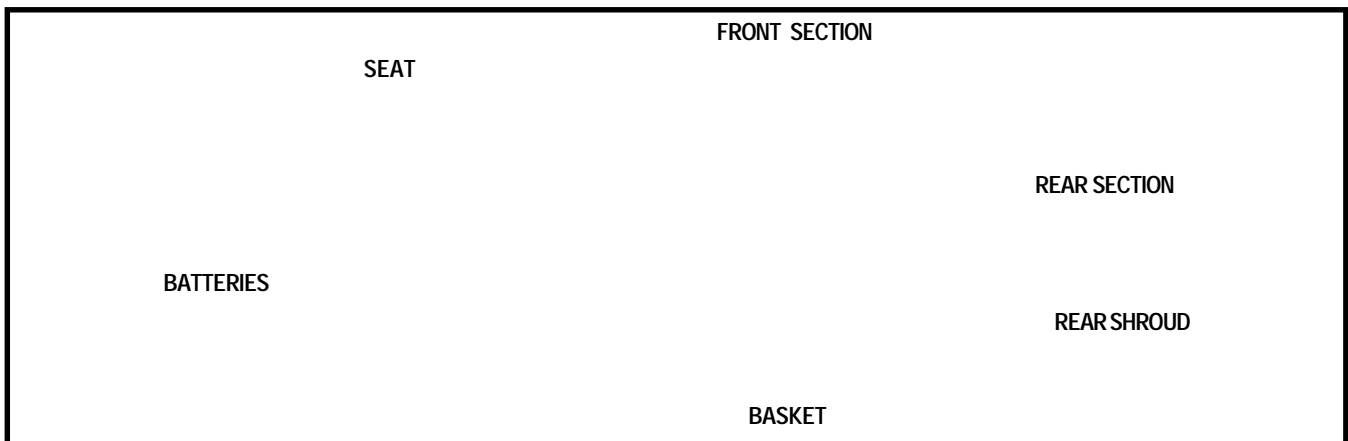


Figure 14. The Scooter Disassembled

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 and move around your scooter. Keep in mind that the disassembled sections of the scooter take up more floor space than the assembled scooter.



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

1. Place the manual freewheel lever in the drive (down) position.
2. Push forward on the seat lock lever to unlock the seat; lift the seat up and off the scooter.
3. Gently pull the shroud up from the frame and lift it off of the scooter.
4. Disconnect the battery strap.
5. Unplug both black and white 2-pin battery harnesses. See figure 15.
6. Unplug the front-to-rear harness. See figure 16.



WARNING! Failure to unplug both battery harnesses and the front-to-rear harness prior to separating the front and rear sections could result in permanent damage to the scooter.



Figure 15. Battery Harnesses



Figure 16. Front-to-rear Harness

VIII. DISASSEMBLY AND ASSEMBLY

Toggle Latch Release

1. Push in the toggle latch release button while pulling back the toggle latch. See figure 17.
2. Position the toggle latch buckle over the top of the toggle latch. See figure 18.
3. Lower the tiller to the scooter floorboard.



Figure 17. Toggle Latch (Latched)



Figure 18. Toggle Latch (Unlatched)

Frame Separation

1. Push back on the seat post to pivot the scooter's rear section rearwards until the rear section is standing vertically on its rear bumper. See figure 19.
2. Lift the front section up until the lower pegs are no longer in the slots. See figure 20.
3. Carefully move the front section away from the rear section.

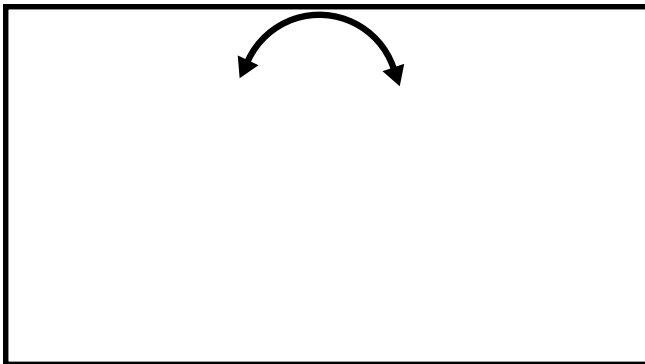


Figure 19. Frame Positioning



Figure 20. Separating the Frame Sections

VIII. DISASSEMBLY AND ASSEMBLY

ASSEMBLY

1. Position the front and rear sections of your scooter as shown in figure 21.
2. Align the lower slots of the front section with the corresponding pegs on the front of the rear section.



WARNING! Position the front-to-rear harness so it will not become pinched between the frame halves when pivoting the rear section forward. See figure 22.

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 22.
4. Raise the tiller.
5. Secure the toggle latch. See figure 19.
 - 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.
7. Reconnect the battery strap.
8. Replace the shroud.
9. Replace the seat, and lock it into place.

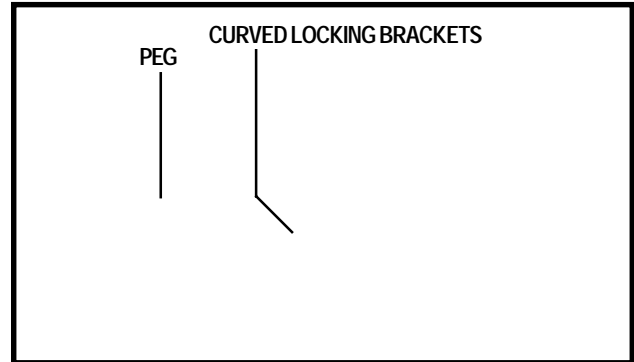


Figure 21. Frame Sections

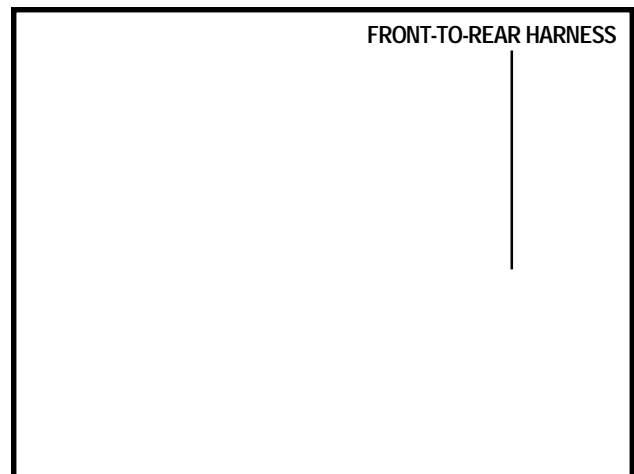


Figure 22. Frame Lockup

IX. BASIC TROUBLESHOOTING

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

DIAGNOSTIC FLASH CODES

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

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

FLASH CODE	CONDITION	SOLUTION
■ ■ ■ ■ ■	Batteries are too low to operate the scooter or the charger is operating.	Charge the batteries or unplug the off-board charger power lead from the electrical outlet.
■ ■	Controller is hot; the scooter seems to be losing power.	Shut down the scooter for a minimum of several minutes to allow the controller to cool.
■ ■ ■ ■	Wig wag fault; the throttle control lever is not responding.	Contact your authorized Pride Provider for assistance.
■ ■ ■ ■ ■	The manual freewheel lever is in the freewheel position.	Turn the key to the off position, push the manual freewheel lever to the drive position, and restart your scooter.
■ ■ ■ ■ ■	The scooter is operating with the charger attached.	Unplug the off-board charger lead from the charger power lead receptacle.

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

- Make certain that the key is in the “on” position.
- Check that the batteries are fully charged. See V. “Batteries and Charging.”
- Push in the main circuit breaker reset button. See IV. “Your Scooter.”
- Make certain that both battery harnesses are firmly connected to their receptacles on the rear section. See VIII. “Disassembly and Assembly.”
- Make sure that the front-to-rear harness is firmly connected. See VIII. “Disassembly and Assembly.”
- Check the 3-amp fuse located on the lower portion of the tiller console. See X. “Care and Maintenance” for fuse replacement.
- Be sure the power down timer feature hasn’t been activated. See VI. “Operation.”

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

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

IX. BASIC TROUBLESHOOTING

What if the main circuit breaker repeatedly trips?

- Charge the scooter's batteries more frequently. See V. "Batteries and Charging."
- If the problem continues, have both of your scooter's batteries load tested by your authorized Pride Provider.
- You may also perform the load test yourself. Battery load testers are available at most automotive parts stores.
- Follow the directions supplied with the load tester.
- See V. "Batteries and Charging" or III. "Specifications" for information about your scooter's battery type.

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

- Fully charge your scooter's batteries. See V. "Batteries and Charging."
- Have your authorized Pride Provider load test each battery.
- Or, see the previous troubleshooting question for load testing the batteries yourself.

If you experience any problems with your scooter that you are not able to solve, immediately contact your authorized 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 at your authorized Pride Provider. The following areas require periodic inspection and/or care and maintenance.

TIRE PRESSURE

- If equipped with pneumatic tires, always maintain a proper **2-2,4 bar** tire pressure.



WARNING! Overinflating a tire can cause it to explode.

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

EXTERIOR SURFACES

- Bumpers, tires, 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 or tire tread; they will become dangerously slippery.

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.

WIRING HARNESSES

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

ABS PLASTIC SHROUDS

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

AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

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

MOTOR BRUSHES

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

CONSOLE, CHARGER, AND REAR ELECTRONICS

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

X. CARE AND MAINTENANCE

FUSE REPLACEMENT

In the event a fuse should cease to work:

- Remove the fuse by pulling it out of its slot.
- Examine the fuse to be sure it is blown. See figures 23 and 24.
- Insert a new fuse of the proper rating.

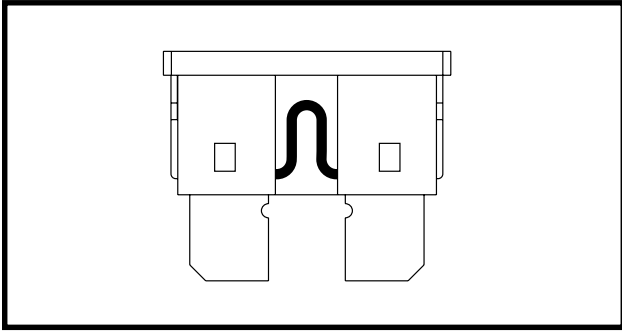


Figure 23. Working Fuse

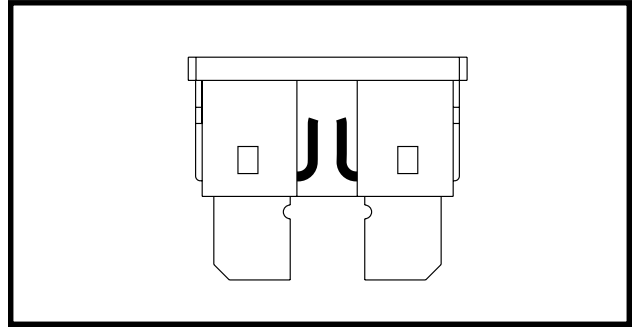


Figure 24. Blown Fuse (Replace)

REAR LIGHTS

Light bulbs for the rear running lights and turn indicators are easily replaceable.



WARNING! Do not use regular automotive-type 12-volt light bulbs; your scooter is equipped with a 24-volt electrical system.

NOTE: Replacement light bulbs can be purchased from your authorized Pride Provider.

- Remove the light cover.
- Gently remove the bulb by pulling it straight out.
- Insert a new 24V, 5-watt bulb.
- Replace the light cover.

XI. WARRANTY

TWO-YEAR LIMITED WARRANTY

Structural frame components, including:

- platform
- fork
- seat post
- frame welds

Drive train, including:

- differential
- motor
- 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 authorized Pride Provider. Any attempt to open or dismantle these items renders the warranty void on that item.

NOT COVERED UNDER WARRANTY

This warranty 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 twelve (12) 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 authorized Pride Provider. Please contact your authorized Pride Provider for advice on the current cost affecting a service visit.

NOTES



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