Victory Viper

Owner's Manual

ATTENTION:
Please read the content of your owner's manual before operating your scooter.

The Ultimate in Style & Performance

Pride Mobility Products Ltd.

Unit 106, Heyford Park Camp Road
Upper Heyford, Oxfordshire OX25 5HA

www.pridemobility.com

SAFETY GUIDELINES

Please read and follow all instructions in this owner's manual before attempting to operate your scooter for the first time. If there is anything in this manual you do not understand, or if you require additional assistance for set-up, contact your local authorised Pride provider.

Using your Pride product safely depends upon your diligence in following the warnings, cautions, and instructions in this owner's manual. Using your Pride product safely also depends upon your own good judgement and/or common sense, as well as that of your provider, caregiver, and/or healthcare professional. Pride is not responsible for injuries and/or damage resulting from any person's failure to follow the warnings, cautions, and instructions in this owner's manual. Pride is not responsible for injuries and/or damage resulting from any person's failure to exercise good judgement and/or common sense.

The symbols below are used throughout this owner's manual to identify warnings and cautions. It is very important for you to read and understand them completely.

WARNING! Failure to heed the warnings in this owner's manual may result in personal injury.

CAUTION! Failure to heed the cautions in this owner's manual may result in damage to your scooter.

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I. INTRODUCTION

Welcome to Pride Mobility Products, Ltd. (Pride). Congratulations on the purchase of your new Pride Scooter. Your scooter design combines the most advanced state-of-the-art components with modern, attractive styling. We are certain that the design features and trouble-free operation will add convenience to your daily living and ensure complete satisfaction.

At Pride, your safety is important to us. **Please read and follow all of the instructions in this manual before you attempt to operate your scooter for the first time.** These instructions were produced for your benefit. Your understanding of these instructions is essential for the safe operation of your new Pride Scooter.

Pride is not liable for damage to property or personal injury arising out of the unsafe use of a Pride Scooter. Pride is also not liable for any property damage or personal injury arising out of the failure of any person and or/user to following the instructions and recommendations set forth in this manual or any other instructions or recommendations contained in other scooter related literature issued by Pride or contained on the Pride Scooter itself.

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.

If you experience any problems with your scooter that you are unable to solve, or if you do not feel capable of safely following any of the instructions and/or recommendations contained in this manual, please contact your authorised Pride provider for assistance.

Once you understand how to operate and take care of your scooter, we are certain that it will give you years of trouble-free service and enjoyment.

Information Exchange

We want to hear your questions, comments, and suggestions regarding this manual. We would also like to hear about the safety and reliability of your new Pride Scooter and 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 regarding safety, new products, and new options that can increase your ability to use and enjoy your Pride Scooter. Please feel free to write us at the address below:

Pride Mobility Products, Ltd.
Unit 106, Heyford Park Camp Road
Upper Heyford, Oxfordshire OX25 5HA

I. INTRODUCTION

My Authorised Pride Provider Is:

Name:_____

Address:_____

Quick Reference Information:

Scooter Model:_____

Serial Number:_____

Purchase Date:_____

NOTE: If you ever lose or misplace your product registration card or owner's manual, contact us and we will be glad to send you a new one immediately.

II. SAFETY

GENERAL

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

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

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

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

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

MODIFICATIONS

Your scooter has been designed and engineered to provide maximum mobility and utility. A wide range of accessories is available from your authorised 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. Unauthorised modifications may result in personal injury and/or damage to your scooter.

REMOVABLE PARTS

WARNING! Do not attempt to lift or move a scooter by any of its removable parts. Personal injury and damage to the scooter may result.

ELECTROMAGNETIC FIELDS

Your scooter's road performance features may be influenced by electromagnetic fields caused by cellular telephones or other radiating devices, such as hand-held radios, radio and television stations, wireless computer links, microwave sources, and paging transmitters.

II. SAFETY

PRE-RIDE SAFETY CHECK

Get to know the feel of your scooter and its capabilities. It is recommended 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 IX. "Care and Maintenance."

Perform the following inspections prior to using your scooter:

- Check for proper tyre inflation. Maintain **30-35 psi (2-2.5 bar)** in each tyre (if equipped with pneumatic tyres).
- Check all electrical connections. Make sure they are tight and not corroded.
- Check all controller connections to the utility tray. Make sure they are secured properly.
- Check the brakes.
- Check battery charge.

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 30-35 psi (2-2.5 bar) tyre pressure be maintained in pneumatic tyres at all times. Failure to maintain 30-35 psi (2-2.5 bar) tyre pressure in pneumatic tyres at all times may result in catastrophic tyre and/or wheel failure, causing serious personal injury and/or damage to your scooter.

WARNING! Inflate your scooter drive tyres from a regulated air source with an available pressure gauge. Minimum air pressure for scooter drive tyres is 30-35 psi (2-2.5 bar). Inflating your tyres from an unregulated air source could overinflate them, resulting in a burst tyre and/or personal injury.

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

WEIGHT LIMITATIONS

Your Victory Viper is rated for a maximum weight limit. See the specifications table for information.

WARNING! Exceeding the weight limit 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 on your scooter may result in personal injury and/or property damage.

INCLINE INFORMATION

More and more buildings have ramps with specified percents 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's front wheels 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. See IV. "Your Victory Viper."
- Avoid sudden stops and starts.

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 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! 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.

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

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

Figure 1. Maximum Recommended Incline Angle

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

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.

WARNING! Do not exceed the incline guidelines or any other specifications presented in this manual.

Figure 2. Normal Driving Position

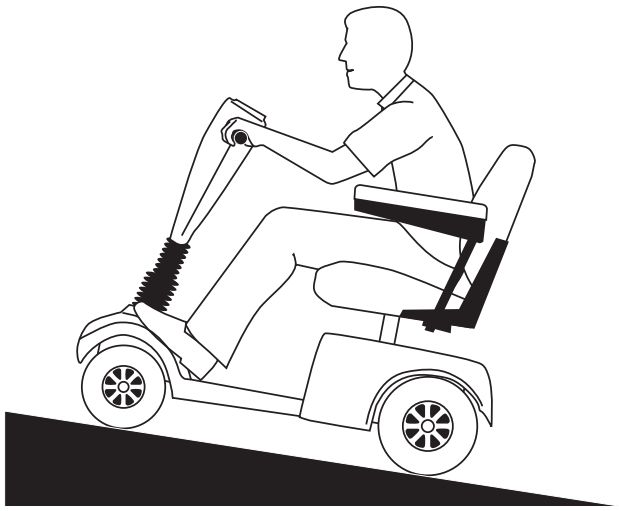


Figure 2A. Increased Stability Driving Position

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.

OUTDOOR DRIVING SURFACES

Your scooter is designed to provide optimum stability under normal driving conditions—dry, level surfaces composed of concrete 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.

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 (2 in.).

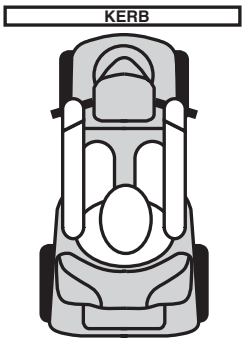


Figure 3. Correct Kerb Approach

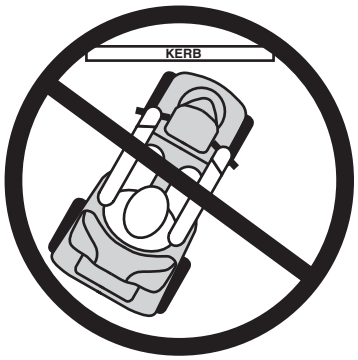


Figure 3A. Incorrect Kerb Approach

II. SAFETY

BRAKING INFORMATION

Your scooter is equipped with three powerful brake systems:

1. Regenerative: Uses electricity to rapidly slow the vehicle when the throttle control lever returns to the center/stop position.

2. 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.

3. Hand Brake: Gives you additional stopping power when you squeeze it. See IV. "Your Victory Viper."

PUBLIC ROADS AND PARKING LOTS

WARNING! You should not operate your scooter on public roads and parking lots. 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 such as fluorescent flags are available to order from your authorised Pride provider.

INCLEMENT WEATHER PRECAUTIONS

WARNING! It is recommended that you do not operate your scooter in icy or slippery conditions or on salted surfaces (i.e., walks or roads). Such use may result in an accident, personal injury, or adversely affect the performance and safety of your scooter.

WARNING! It is recommended that you do not expose your scooter to any type of moisture at any time (rain, snow, mist, or wash). Such exposure can damage your scooter. Never operate your scooter if it has been exposed to moisture until it has dried thoroughly.

FREEWHEEL MODE

Your scooter is equipped with a manual freewheel lever that, when pulled, up allows the scooter to be pushed.

WARNING! Do not use your scooter in freewheel mode without an attendant present. Personal injury may result.

WARNING! Do not attempt to personally place your scooter in freewheel mode while seated on it. Personal injury may result. Ask an attendant for assistance if necessary.

WARNING! Do not place your scooter in freewheel mode while on an incline. The scooter could roll uncontrollably on its own, causing personal injury.

II. SAFETY

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 stairs or escalators. You may cause injury to yourself and to others and 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.

LIFTS

Modern lifts have a door edge safety mechanism that, when pushed, reopens the lift 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. It is recommended 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. For more information about your scooter's batteries, see V. "Batteries and Charging."

WARNING! 55 AH batteries weigh approximately 19 kg (41 lbs.) each. If you are unable to lift that much weight, be sure to get help. Lifting weight above your capacity to do so could result in personal injury.

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.

BATTERY DISPOSAL AND RECYCLING

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

PREVENTING UNINTENDED MOVEMENT

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

II. SAFETY

MOTOR VEHICLE TRANSPORT

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.

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:

- Power down your scooter. See VI. “Operation.”
- Ensure that your scooter is not in freewheel mode. See IV. “Your Victory Viper.”
- Make certain that the seat is locked into place and the key is removed from the key switch.
- The seat armrests can be flipped up to make getting onto and off of your 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 the 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.

POSITIONING BELTS

Your authorised 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

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. It is recommended 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 tyres when driving.

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.

III. SPECIFICATIONS

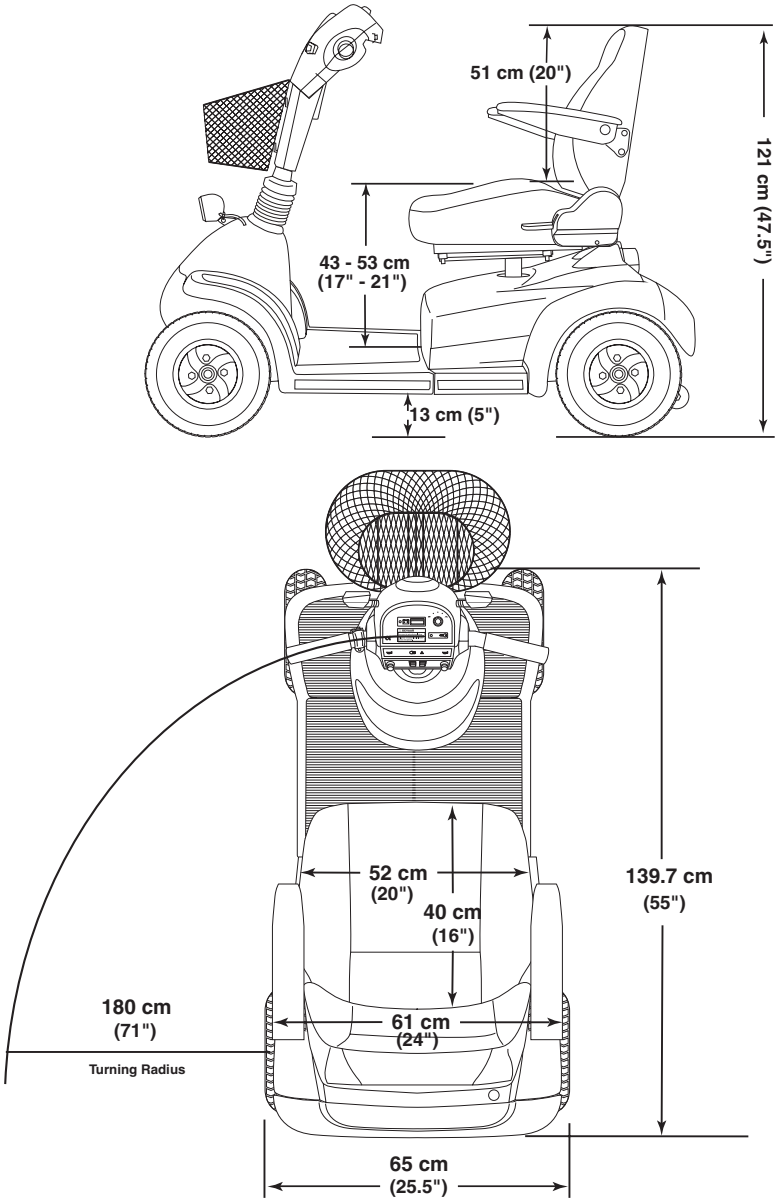


Figure 4. Victory Viper Dimensions

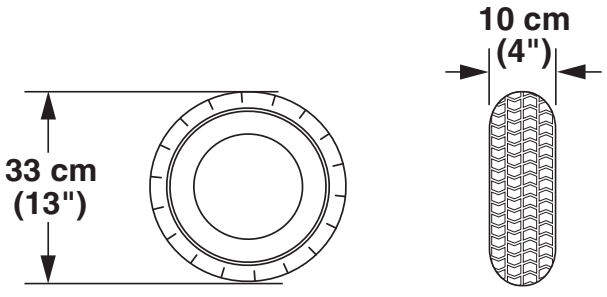


Figure 4A. Victory Viper Tyre Dimensions

III. SPECIFICATIONS

Class of Use	C
Model Number	SCUK2700
Available Colours	Candy Apple Red, Viper Blue
Overall Length	139.7 cm (55 in.)
Overall Width	65 cm (25.5 in.)
Total Weight Without Batteries	98 kg (217 lbs.)
Heaviest Piece When Disassembled	Rear section-39.5 kg (87.5 lbs.)
Turning Radius	175 cm (69 in.)
Maximum Obstacle Climbing Ability	5 cm (2 in.)
Maximum Speed	Variable up to 12.8 km/h (8 mph)
Range Per Charge*	Up to 40 km (25 miles) per charge with 55 AH batteries
Ground Clearance	13 cm (5 in.)
Weight Capacity	181 kg, 28 stone (400 lbs.) maximum
Standard Seating	Type: Highback, reclining seat with sliders Dimensions: width 52 cm (20 in.) x depth 40 cm (16 in.) x height 51 cm (20 in.) Material: Grey Vinyl
Drive System	Rear-wheel drive, 24V, sealed transaxle
Dual Braking System	Electronic, regenerative, and electromechanical
Wheels	Aluminum alloys
Tyres (front)	10 cm x 33 cm (4 in. x 13 in.)
Tyres (rear)	10 cm x 33 cm (4 in. x 13 in.)
Battery Requirements	Type: 12V deep-cycle (SLA or gel cell) Size: NF-22, 55 AH
Battery Charger	Onboard: Hampton 6-amp
Accessories and Options	Power seat, rear basket, safety flag, single cane/crutch holder, double cane/crutch holder, double crutch holder, oxygen tank holder, walker holder, forearm crutch holder (bracket mount), cup holder, quad cane holder

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

IV. YOUR VICTORY VIPER

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

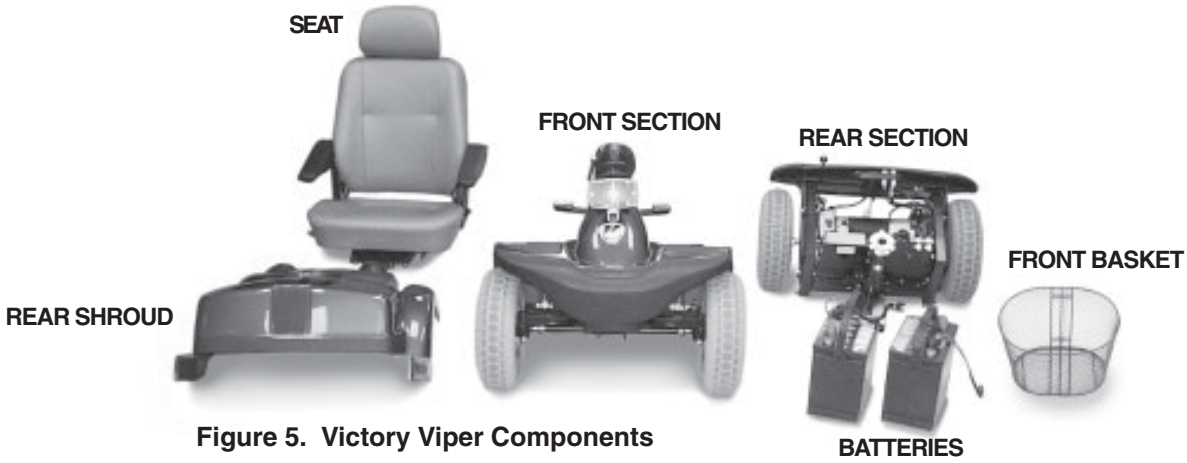


Figure 5. Victory Viper Components

CONTROL CONSOLE ASSEMBLY

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

CAUTION! Do not expose the control console assembly to moisture. In the event it does become exposed to moisture, do not attempt to operate your Victory Viper until it has dried thoroughly.

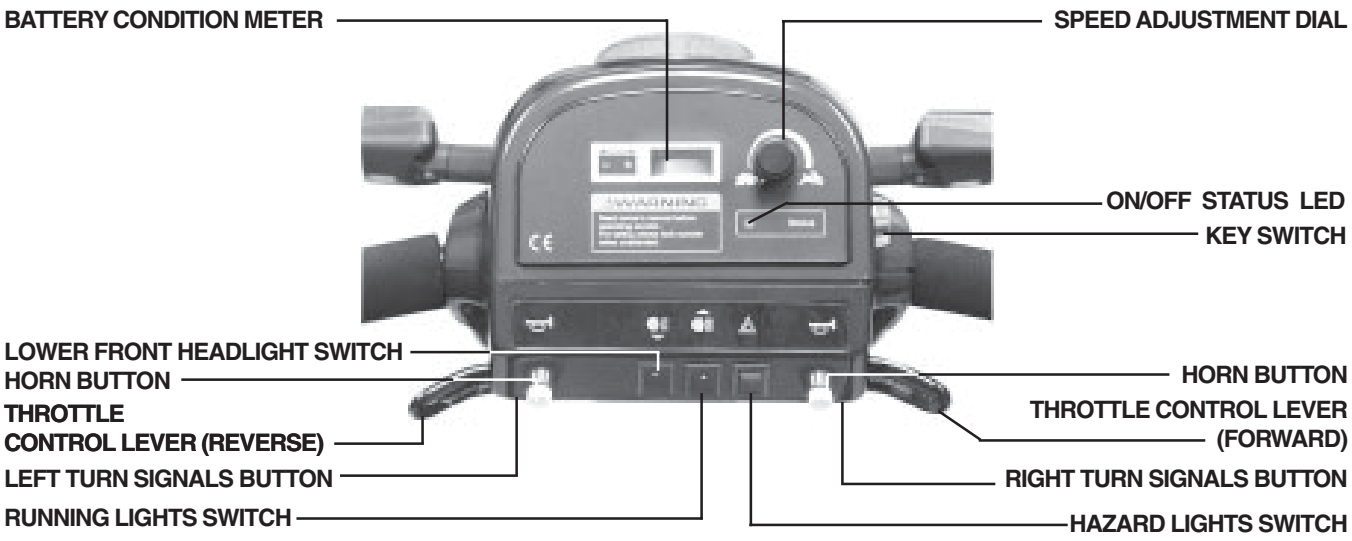


Figure 6. Control Console Assembly

Battery Condition Meter

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

On/Off Status LED

When lit this LED indicates that the scooter is powered up.

IV. YOUR VICTORY VIPER

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.

Key Switch

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

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

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

Throttle Control Levers

These levers allows you to control the forward and reverse speeds up to the maximum you preset with the speed adjustment dial. For instructions on how to operate the throttle control lever, see VI. "Operation."

Lower Front Headlight Switch

This switch turns the lower front headlight on and off.

- Toggle this switch to turn the headlight on and off.

Running Lights Switch

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

- Toggle this switch to turn the running lights on and off.

Hazard Lights Switch

This switch enables you to control the front and rear hazard (amber) lights.

- Toggle this switch to turn the hazard lights on and off.

Horn Buttons

These buttons activate a warning horn.

- Ensure the key is fully inserted into the key switch and push either button to sound the horn.

Left And Right Turn Indicator Buttons

Use these buttons to turn on the left or right turn indicator (amber) lights.

1. Press the left button once to activate the left turn indicator.
2. Press the right button once to activate the right turn indicator.

The turn indicators are timed to shut off automatically.

Handbrake Lever

Your Victory Viper may be equipped with a handbrake lever, located on the tiller handle. This lever provides you with additional stopping power. See figure 7.

- Release the throttle control lever and gently squeeze the handbrake lever to come to a stop.

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

Figure 7. Handbrake Lever

FUSE BOX

The fuse box is a compartment located at the rear of the tiller. It contains five automotive-type fuses, which help protect the control console assembly and the lighting system from receiving an overload of electrical current. The fuse box contains one 5-amp fuse and four 3-amp fuses. See figure 7A.

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

NOTE: If a fuse must be replaced (see figures 8 and 8A), use only the specified amp fuse. For more information, see IX. "Care and Maintenance."

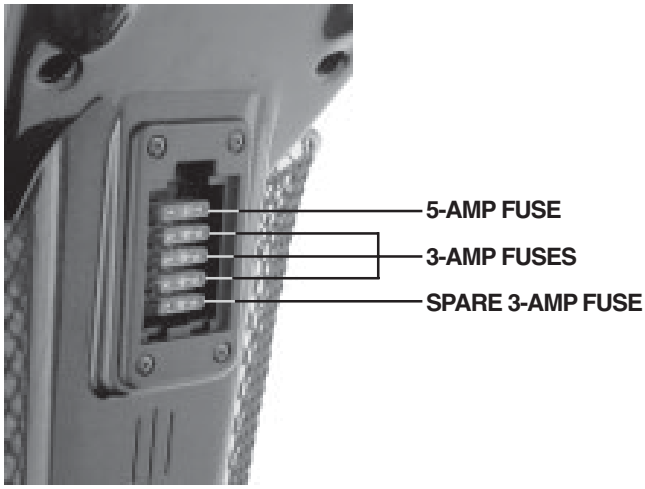


Figure 7A. Fuse Box

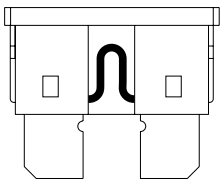


Figure 8. Working Fuse

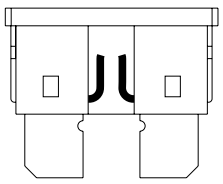


Figure 8A. Blown Fuse (Replace)

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

IV. YOUR VICTORY VIPER

REAR SHROUD

The rear shroud is a removable plastic piece that protects the rear section and its subcomponents. In order to remove the rear shroud, you must first remove the seat from your scooter (see VII. "Comfort Adjustments"), and then lift the rear shroud gently until it disengages from the reusable fasteners holding it in place. Finally, disconnect the rear light harnesses to fully remove the rear shroud.

REAR SECTION

The batteries, electronic controller module, motor/transaxle assembly, manual freewheel lever, the anti-tip wheels, the main circuit breaker, and the fuses (not shown) are located on the rear section of your scooter. See figure 9.

Batteries

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

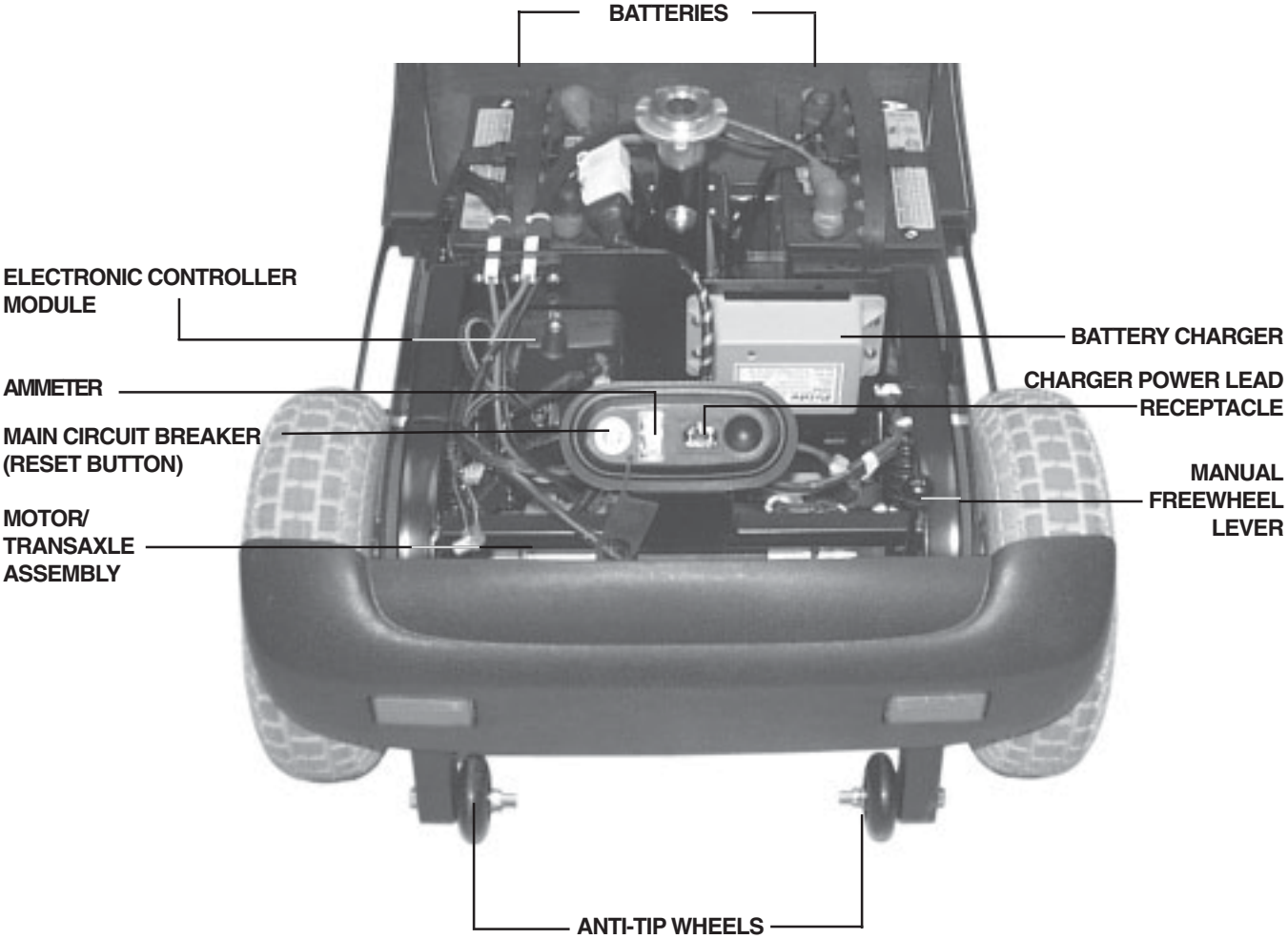


Figure 9. Rear Section

IV. YOUR VICTORY VIPER

Electronic Controller Module

This module is located behind the batteries and at the forward left corner of the rear section. The electronic controller module receives electrical signals from the console controls and sends power to the motor, the brakes, and the lighting system.

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

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

Motor/Transaxle Assembly

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

Manual Freewheel Lever

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

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

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

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

IV. YOUR VICTORY VIPER

Anti-tip Wheels

The anti-tip wheels are an integral and important safety feature designed to help prevent your scooter from tipping rearwards on an incline. They are bolted to the frame at the rearmost part of your scooter. See figure 9.

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

WARNING! The anti-tip wheels may interfere with the smooth transition of your scooter when climbing up or down a kerb.

Main Circuit Breaker (Reset Button)

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

- The main circuit breaker reset button is located next to the ammeter. See figure 9.
- The reset button pops out when the breaker trips.
- Allow a minute or so for the electronics to "rest."
- Push in the reset button to reset the breaker.
- If the breaker trips frequently, you may need to charge the batteries more often or have your authorised Pride provider perform a load test on the batteries.

Fuses

There is a fuse located on each side of the rear section, to protect the controller if any of the lights short out. The fuses are part of the rear light assembly located on the underside of the shroud. To replace a fuse, first remove the rear shroud. Lift the rubber cap that opens the fuse box and replace the old fuse with a 2-amp fuse.

NOTE: Fuses used on the Victory Viper are the same type as used in automobiles.

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 onboard charging system.

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

READING YOUR BATTERY VOLTAGE

The battery condition meter on the control console assembly indicates the approximate strength of your batteries using a color code. See figure 10. Green indicates fully charged batteries, yellow a draining charge, and red indicates that an immediate recharge is necessary.

You can also check the charge by the ammeter, located at the rear of the scooter near the charger power lead receptacle. The charger power lead 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, charging is complete. See figure 11.

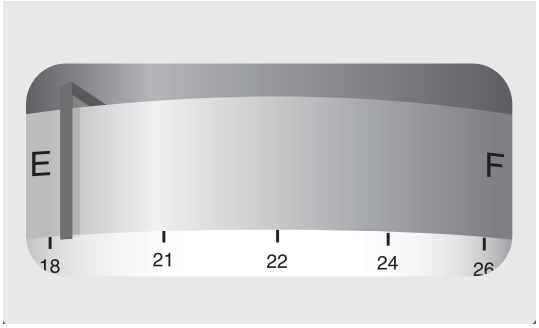


Figure 10. Battery Condition Meter

Figure 11. Ammeter Indicates Battery Is Fully Charged

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 (down) position.
4. Plug the charger power lead into the charger power lead receptacle on your scooter.
5. Extend the charger power lead and plug it into the wall outlet. It is recommended that you charge your batteries for 8 to 14 hours.

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

6. When the batteries are fully charged, unplug the charger power lead from the wall outlet and then from the charger power lead receptacle.

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

BATTERY REPLACEMENT

To change a battery in your scooter:

1. Power down your scooter and remove the key.
2. Remove the seat.
3. Gently lift the rear shroud off of your scooter far enough to be able to disconnect the rear lighting harnesses. See figure 12.
4. Disconnect the battery tie-down strap.
5. Disconnect the battery harness from the battery mating plug. See figure 12A.
6. Disconnect the battery cables from the battery terminals.
7. Remove the old battery.
8. Place a new battery in the battery well.
9. Connect the red battery cable to the positive (+) battery terminal.
10. Connect the black battery cable to the negative (-) battery terminal.
11. Reconnect the battery harness to the battery harness mating plug. See figure 12A.
12. Reconnect the battery tie-down strap.
13. Reconnect the rear lighting harnesses.
14. Reinstall the rear shroud and the seat.

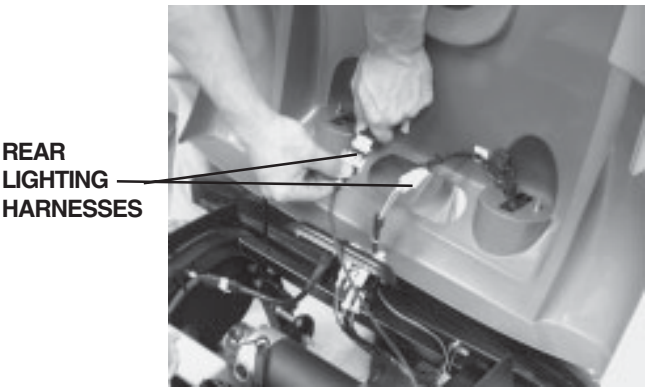


Figure 12. Disconnect Lighting Harnesses

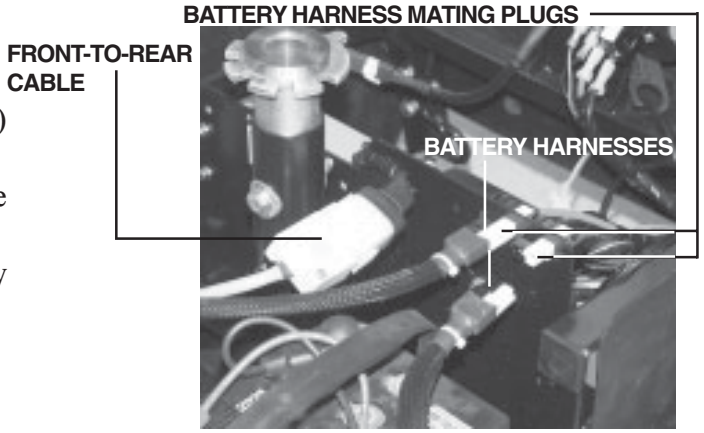


Figure 12A. Disconnect Battery Harnesses

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

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.

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 battery voltage approaches a full charge, the charger sends less electrical current to the batteries. 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 batteries but does not overcharge them. We do not recommend that you charge your batteries for more than 24 consecutive hours.

Can I use a different charger?

For the safest, most efficient, and balanced charging of the batteries, you should simultaneously charge both batteries using only the manufacturer-supplied onboard battery charger.

V. BATTERIES AND CHARGING

How often must I charge the batteries?
Two major factors must be considered when deciding how often to charge the batteries:
- All day scooter use on a daily basis.
- Infrequent scooter use.

With these considerations in mind, you can determine just how often and for how long you should charge the batteries. The onboard battery charger is designed so that it does 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 five guidelines below provides 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 you charge the 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 the batteries fully charged.
- Avoid deeply discharging the batteries.
- Do not charge the 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. Often, you will 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. The following are a few suggestions for obtaining the maximum range per battery charge.
- Always fully charge the batteries prior to your daily use.
- Maintain **30-35 psi (2-2.5 bar)** in all of your scooter tyres.
- Plan your route to avoid as many hills, cracked, broken, or soft surfaces as possible.
- Limit your baggage weight to essential items.
- Try to maintain an even speed while your scooter is in motion.
- Avoid stop-and-go driving.

What type and size of battery should I use?
We recommend deep-cycle batteries that are sealed and maintenance free. Both sealed lead-acid and gel cell are deep-cycle batteries that are similar in performance in your scooter. Do not use wet-cell batteries, which have removable caps. Do not use car (starting) batteries such as those sold for automobiles.

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

V. BATTERIES AND CHARGING

Use these specifications to reorder deep-cycle batteries from your authorised Pride provider:

Battery Specifications	
Type:	Deep-cycle (sealed lead-acid or gel cell)
Size:	NF-22
Voltage:	12 volts each
Amperage:	55 AH

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 Victory Viper's specific electrical demands. Fresh batteries arrive daily at Pride and are shipped fully charged to our customers. During shipping, the batteries may encounter temperature extremes that can influence their initial performance. Heat diminishes the charge on the battery; cold slows the available power and extends the time needed to recharge the battery.

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

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

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

V. BATTERIES AND CHARGING

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

How should I store my Victory Viper 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 from their battery mating plugs.
- Store your scooter in a warm, dry environment.
- Avoid storing your scooter where it will be exposed to temperature extremes.

CAUTION! If your batteries do become frozen, do not attempt to charge them. This could damage the batteries. 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 it off the ground and take the weight off the tyres. This reduces the possibility of flat spots developing on the areas of the tyres contacting the ground.

Charger Fuse

The 15-amp fuse located on the cable for the battery charger is to protect the electronic controller module if there is a problem with the charging circuit. To replace the fuse, remove the rear shroud, lift the rubber cap that opens the fuse holder, and replace the fuse with a 15-amp fuse.

VI. OPERATION

BEFORE GETTING ON YOUR SCOOTER

- Have you fully charged the batteries? See V. "Batteries and Charging."
- Is the manual freewheel lever in the drive (down) position? Never leave the manual freewheel lever pulled up unless you are manually pushing your scooter.

GETTING ONTO YOUR SCOOTER

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

> **WARNING! Never attempt to board or exit 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. Push forward on the seat lock lever and rotate the seat until it is facing you.
4. Make certain that the seat is locked securely in position.
5. Position yourself comfortably and securely in the seat.
6. Push forward on 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

- Are you positioned comfortably in the seat? See "Getting Onto Your Scooter," above.
- Is the seat at the proper height? See VII. " Comfort Adjustments."
- Is the seat locked securely in place? See VII. "Comfort Adjustments."
- 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 and turned clockwise to the "on" position? See IV. "Your Victory Viper."
- 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:

- Set the speed adjustment dial to your desired speed.
- Press your thumb against the appropriate 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.

NOTE: Your scooter's reverse speed is 60% of the speed you preset 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.
- Move the tiller to the center position to drive straight ahead.
- To stop, slowly release the throttle control lever. After you release the throttle control lever, gently squeeze the handbrake (if equipped) to come to a complete stop. The electronic brakes will automatically engage when your scooter comes to a stop.

VI. OPERATION

GETTING OFF OF YOUR SCOOTER

1. Bring your scooter to a complete stop.
2. **Remove the key from the key switch.**
3. Push forward on the seat 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. Carefully and safely get out of the seat and stand to the side of your scooter.
6. You can leave the seat facing to the side to facilitate boarding your scooter next time.

POWER DOWN TIMER FEATURE

Your Victory Viper is equipped with an energy saving auto 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 scooters controller shuts down automatically. Although the controller is shut down, power will still be supplied to the scooters lighting system.

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

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

VII. COMFORT ADJUSTMENTS

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.

TILLER ANGLE ADJUSTMENT

Your tiller is equipped with a spring-loaded tiller adjustment lever, which allows you to lock the tiller in place as well as rotate and change its position. See figure 13.

To adjust the tiller angle:

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

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

To adjust the tiller for storage:

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

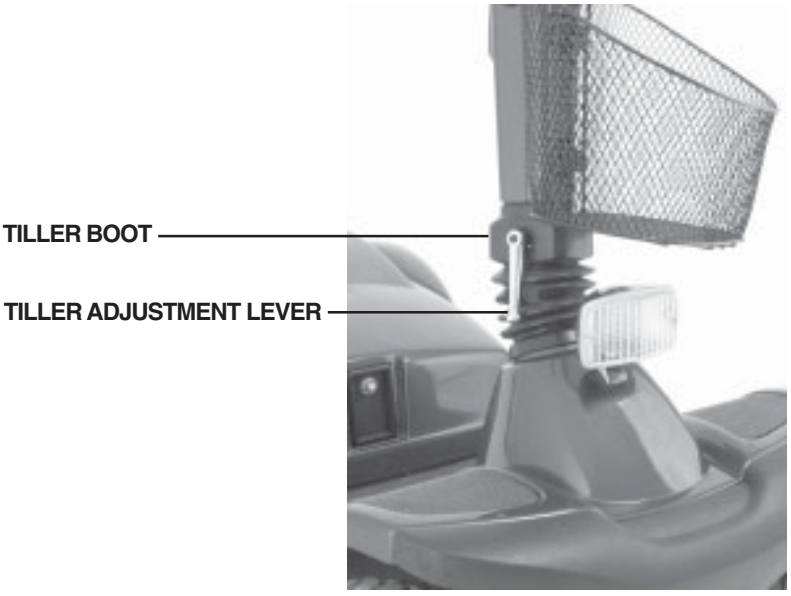


Figure 13. Tiller Angle Adjustment

VII. COMFORT ADJUSTMENTS

SEAT HEIGHT ADJUSTMENT

To reposition the seat to one of three different heights:

1. Remove the seat from your scooter. Push and hold the seat lock lever forward to unlock the seat, then rotate the seat and lift it off of the scooter.
2. Remove the rear shroud.
3. Use two 17-mm wrenches to loosen and remove the hex head bolt and nut. See figure 14.
4. Raise or lower the upper seat post to the desired seat height.
5. Line up another locating hole in the upper seat post with the hole in the lower seat post.
6. Reinstall the hardware and tighten.
7. Replace the rear shroud and the seat.

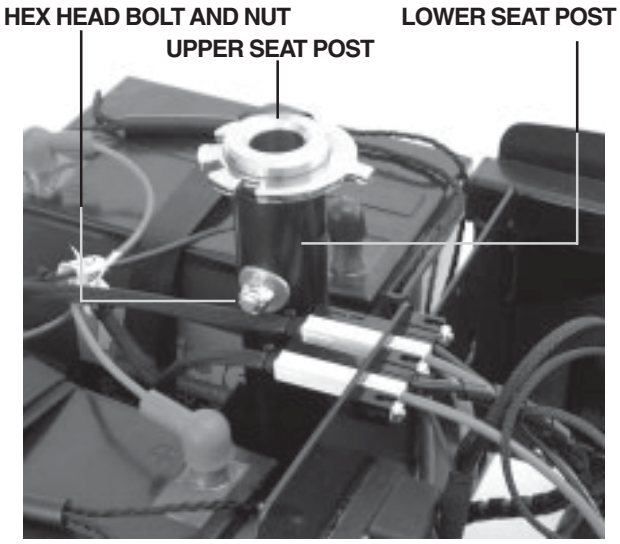


Figure 14. Seat Height Adjustment

SLIDING SEAT ADJUSTMENT

You can reposition the seat forward or rearward to adjust the distance between the seat and the tiller. See figure 15.

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

SEAT ROTATION ADJUSTMENT

The seat lock lever locks the seat in one of eight positions. See figure 15.

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. If the seat is not locked into position, gently rock the seat back and forth until you hear the lever "click."

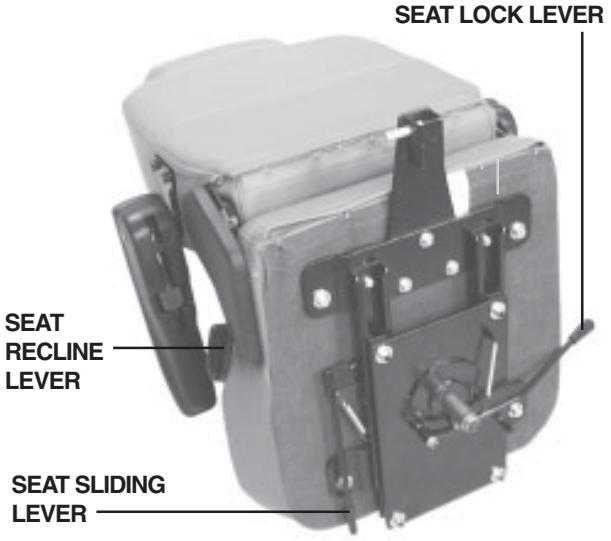


Figure 15. Seat Adjustments

SEATBACK ADJUSTMENT

To adjust the recline angle of the seat:

1. Pull up on the seat recline lever to unlock the seatback. See figure 15.
2. Lean forward or backward to adjust the seatback to a comfortable position.
3. Release the seat recline lever to lock the seat securely in place.

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

VII. COMFORT ADJUSTMENTS

ARMREST ADJUSTMENT

There is an armrest adjustment dial on the underside of each armrest. To adjust the armrest angle upward or downward while seated in your scooter:

- Turn the armrest adjustment dial to the left to lower the armrest angle or to the right to raise the armrest angle.

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

POSITIONING BELT (OPTIONAL)

Your scooter seat may be equipped with an auto-type positioning belt that can be adjusted for operator comfort. See figure 16. The positioning belt is designed to help support the operator so that he or she does not slide down or forward in the seat. The positioning belt is not designed for use as a restraining device.

To install the positioning belt (if required):

1. Remove the seat from your scooter.
2. Place the seat upside down so that you can see the bottom of the seat base. See figure 17.
3. Use a wrench to remove the two back bolts on the outermost part of the rear seat.
4. Insert the bolt through the appropriate ends of the positioning belt and then reinstall the bolts back into the seat bottom.
5. Tighten the bolts.

To adjust the positioning belt for operator comfort:

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

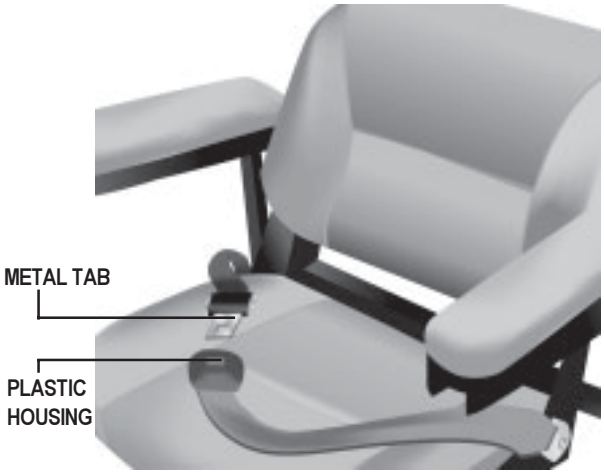


Figure 16. Positioning Belt

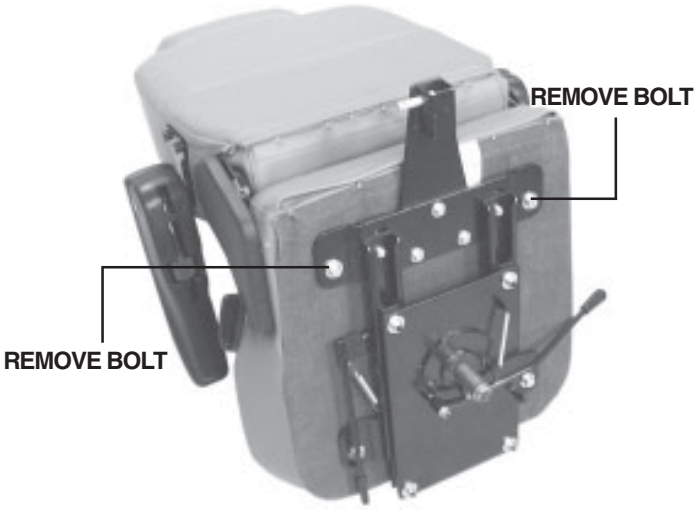


Figure 17. Positioning Belt Installation

VII. COMFORT ADJUSTMENTS

POWER SEAT (OPTIONAL)

Your Victory Viper may be equipped with a power seat. The power seat actuator is designed to raise or lower the seat automatically with minimal effort on the part of the operator.
To operate your power seat:

WARNING! The power seat is intended for operation only while your scooter is stationary and on a level surface. Its purpose is to aid you in reaching objects.

Strict adherence to the following safety rules is vital to your safety:

- **Do not attempt to raise or lower the seat while in motion!**
- **Operate the power seat only on level ground.**
- **Do not operate your scooter with the power seat elevated.**
- **It is recommended that the scooter be driven only with the seat in the lowest position.**

To operate your power seat:

If the toggle switch is mounted on the right side of the scooter:

1. Push the toggle switch lever forward to raise the seat.
2. Pull the toggle switch lever rearward to lower the seat.
3. Release the toggle switch lever when you have attained your desired height.

If the toggle switch is mounted on the left side of the scooter:

1. Push the toggle switch lever forward to lower the seat.
2. Pull the toggle switch lever rearward to raise the seat.
3. Release the toggle switch lever when you have attained your desired height.

VIII. DISASSEMBLY AND ASSEMBLY

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

DISASSEMBLY

1. Remove the key from the key switch.
2. Push down on the manual freewheel lever. See IV. "Your Victory Viper." Putting your scooter in drive mode may make it easier for you to maneuver the rear section because the drive wheels are stabilized.
3. Lift the seat up and off of your scooter.
4. Gently lift the rear shroud off of your scooter far enough to be able to disconnect the rear light harnesses. See figure 18. The rear shroud is held in place with a reusable fastener.
5. Unplug the large, white, 9-pin front-to-rear connector. See figure 19.
6. Unplug both battery harnesses from the battery harness connectors. See figure 19.
7. Loosen the battery straps, then lift both batteries from the battery wells.

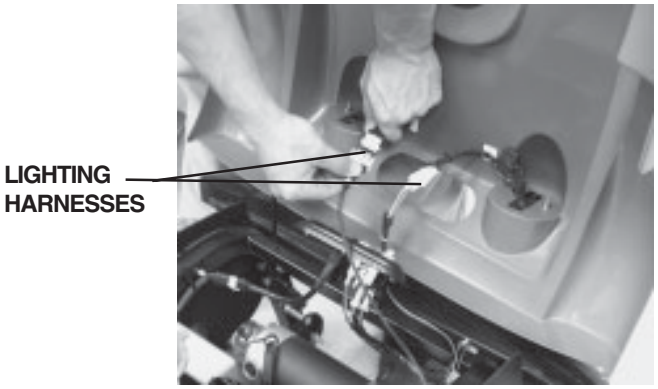


Figure 18. Disconnect Lighting Harnesses

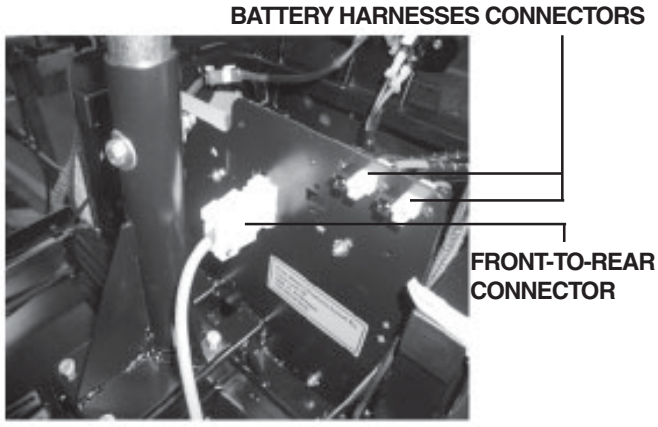


Figure 19. Front-To-Rear Cable

8. Disconnect the handbrake cable from the rear hub by pushing forward and holding the brake release lever with your thumb. See figure 20. Lift the cable release hook free of the peg and slide the handbrake cable free of its slot on the brake mount. See figure 21. Move the cable safely out of the way.

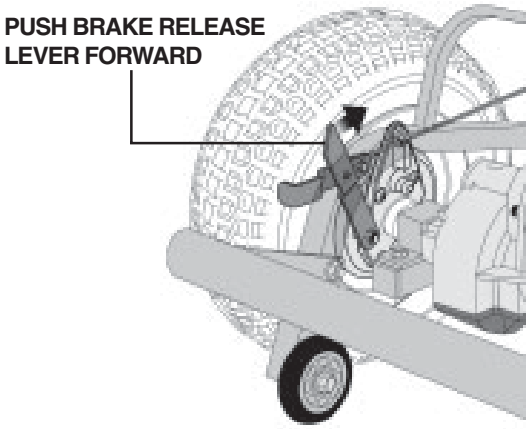


Figure 20. Brake Release Lever

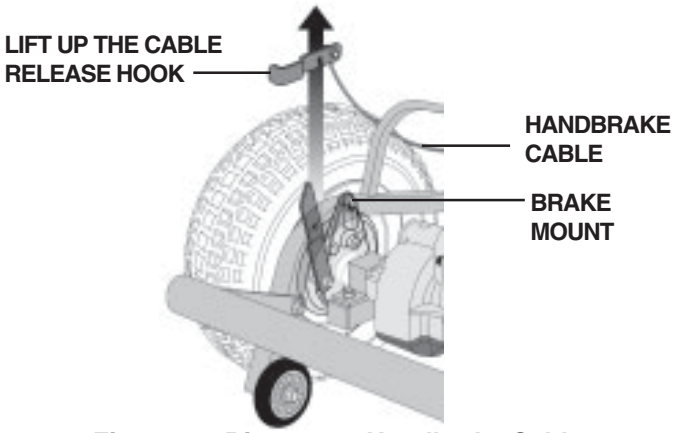


Figure 21. Disengage Handbrake Cable

9. Pull the frame lock lever all the way back. See figure 22.
10. While holding the lever back, lift up on the frame handle and push back on the seat post. The frame halves will separate. See figure 23.

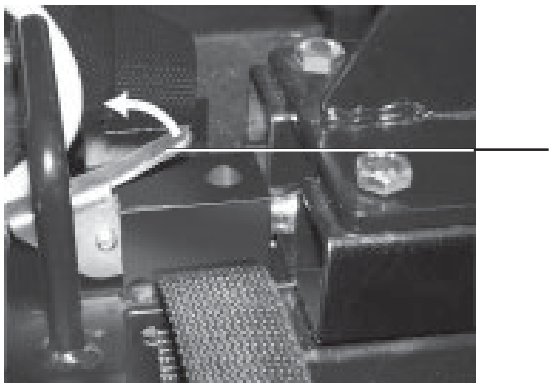


Figure 22. Frame Lock

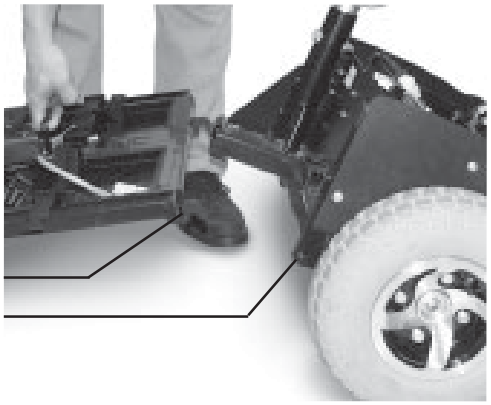


Figure 23. Separating Frame Halves

ASSEMBLY

1. Position the scooter halves as shown in figure 23.
2. Lift up on the frame handle and push back on the seat post.
3. Align the curved bracket of the front section with the mounting peg of the rear section and lower the front section onto the pin of the rear section.
4. Pivot the front and rear sections towards each other. The locking pin will lock into place.
5. Place the batteries into the battery wells, and fasten the battery straps.
6. Plug both black and white battery harnesses in.
7. Plug the large, white, 9-pin front-to-rear connector into its mating plug coming from the rear.
8. Reconnect the handbrake cable by sliding the cable into its slot on the brake mount. With your thumb, push forward and hold the brake release lever, then slide the cable release hook onto the peg and gently let go of the brake release lever.
9. Plug the lighting harnesses back into their connectors before fully reinstalling the rear shroud.
10. Reinstall the seat.

IX. TROUBLESHOOTING

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

PROBLEM	POSSIBLE SOLUTIONS
All of my scooter systems appear to be "dead."	**One of the following actions may eliminate the problem.** ■ **Remove and reinsert the key back to the "on" position.** ■ **Ensure the batteries are fully charged.** ■ **Push in the main circuit breaker reset button.** ■ **Ensure that both battery harnesses are firmly connected to their battery harness mating plugs.** ■ **Ensure that the front-to-rear cable is firmly connected.**
My scooter's battery condition meter shows a full charge, but my scooter does not move when I push the throttle.	**Ensure your scooter was not left in freewheel mode. (Push down on the manual freewheel lever to restore normal operation.)** ***NOTE: When the manual freewheel lever is pulled up, your scooter's brakes are disengaged and all power to the motor/ transaxle assembly is cut.***
My scooter's main circuit breaker trips repeatedly.	**One of the following actions may eliminate the problem.** ■ **Charge your scooter's batteries more frequently.** ■ **Have both of your scooter's batteries load tested by your authorised Pride provider.** ■ **Obtain a battery load tester at most any automotive parts store; follow the directions supplied with the load tester.**
My scooter's battery condition meter dips way down and the motor surges or hesitates when I press the throttle control lever.	**One of the following actions may eliminate the problem.** ■ **Fully charge your scooter's batteries.** ■ **Have your authorised Pride provider load test each battery.** ■ **Obtain a battery load tester at most any automotive parts store; follow the directions supplied with the load tester.**

If you experience any problems with your scooter that you are not able to solve, immediately contact your 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 PRESSURE

- We recommend you maintain the tyre pressure at **30-35 psi (2-2.5 bar)** for optimum scooter performance.

WARNING! Do not exceed 30-35 psi (2-2.5 bar) in your scooter tyres. Overinflating a tyre can cause it to explode, possibly resulting in personal injury or damage to your scooter.

TYRE CONDITION AND TREAD WEAR

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

WARNING! Do not put rubber conditioner on tread area of tyres; the tyres may become dangerously slippery.

EXTERIOR SURFACES

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

WARNING! Do not use a rubber or vinyl conditioner on a vinyl seat; it may become dangerously slippery.

BATTERY TERMINAL CONNECTIONS

- Ensure that the terminal connections remain tight and uncorroded.
- Ensure that the batteries sit flat in the battery wells.
- Ensure that the battery terminals face the rear of your scooter.

WIRING HARNESSES

- Check all wiring connections regularly.
- Check all wiring insulation, including the charger power lead, for wear or damage on a regular basis.
- Have any damaged connector, connection, or insulation repaired or replaced by an authorised Pride service technician before using your scooter.

ABS PLASTIC SHROUDS

Apply a light coat of car wax to the shrouds to help retain their high gloss; the shrouds are formed from durable ABS plastic and are coated with an advanced formula urethane paint.

X. CARE AND MAINTENANCE

AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

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

CONSOLE, CHARGER, AND ELECTRONIC CONTROLLER MODULE

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

STORAGE

Refer to "How should I store my Victory Viper and its batteries?" in V. "Batteries and Charging."

FUSES

In the event a fuse should blow (cease to work):

1. Remove the fuse by pulling it straight out of its slot.
2. Examine the fuse to be sure it is blown. See figures 8 and 8A.
3. Insert a new fuse of the proper rating.

XI. OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES

For information concerning these optional accessories, contact your authorised Pride provider.

Single Cane/Crutch Holder

Double Cane/Crutch Holder

Walker Holder

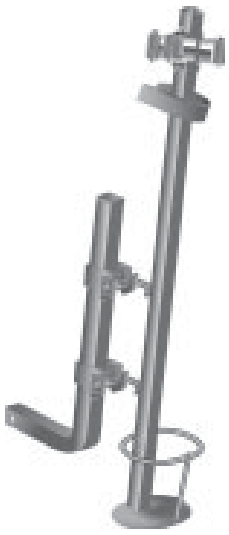
Forearm Crutch Holder

Oxygen Tank Holder

Rear Basket

Cup Holder

Safety Flag



Double Crutch Holder

Quad Cane Holder

XII. WARRANTY

TWO-YEAR LIMITED WARRANTY

Structural frame components, including: platform, fork, seat post, and frame welds.
Drive train, 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 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 authorised Pride provider. Please contact your authorised Pride provider for advice on the current cost affecting the service visit.