Armrest width / height Adjustment:

Fig G1

Fig G2

(1)Width adjustment. (Fig G1)
Loosen the set screw with allen key and adjust to the right width, then tighten the set screw.
(2)Height adjustment. (Fig G2)
Loosen the knob and adjust the armrest to right height then tighten knob.

Armrest Angle Adjustment:

1. Flip up the armrest for easy access.
2. Turn the set screw counter-clockwise to raise the armrest and clockwise to lower the front of armrest (Fig. H).

Fig H

Footrest Angle Adjustment:

1. Flip-up the footplate for easy access (Fig. I).
2. With an Allen wrench, simply turn the bolt clockwise to increase the angle or counter-clockwise to decrease it (Fig.I).
   (1)Hold hexagonal bolt (RH) with wrench and loosen the nut (LH). (Fig I)
   (2)Choose the right angle and tighten the bolt.

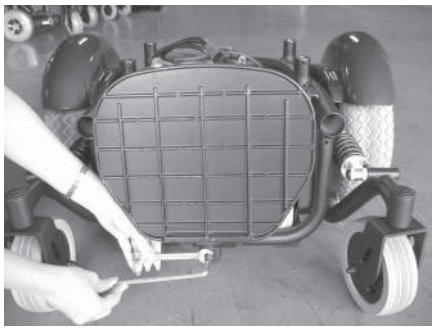


Fig I

Headrest Height Adjustment:

Depress then release the clamp on the left of backrest while pulling headrest up or pushing down until you reach the desired comfort position (one of three). (Fig J)

Fig J

Joystick Position Adjustment:

Loosen the set screw with allen key and adjust the joystick bar to right position. then tighten. (Fig K)

Fig K

Manual Freewheel Levers:

The powerbase wheelchair has a manual freewheel lever on each motor. Manual freewheel levers enable you to disengage the drive motors from the gearboxes and maneuver the chair manually.

! WARNING! Do not use the powerbase wheelchair while the drive motors are disengaged! Do not disengage the drive motors when the powerbase wheelchair is on an incline, as the unit could roll on its own, causing injury!

To engage or disengage the drive motors:
1. Locate the lever in tront of each motor.
2. Push the two levers down ward to engage the drive motors.(Fig L1)
3. Pull the two levers up ward to disengage the drive motors.(Fig L2)

If a lever is difficult to move in either direction, slightly rock the powerbase wheelchair back and forth. The lever should then move to the desired position.

! WARNING! It is important to remember that when your powerbase wheelchair is in freewheel mode, the braking system is disengaged.

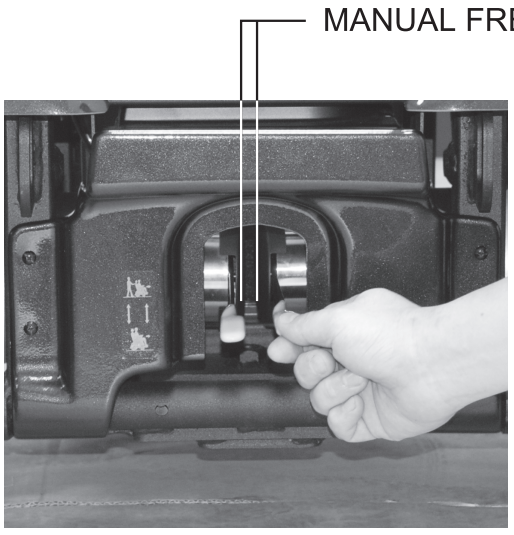


Fig L1. Drive Mode (Drive Engaged)

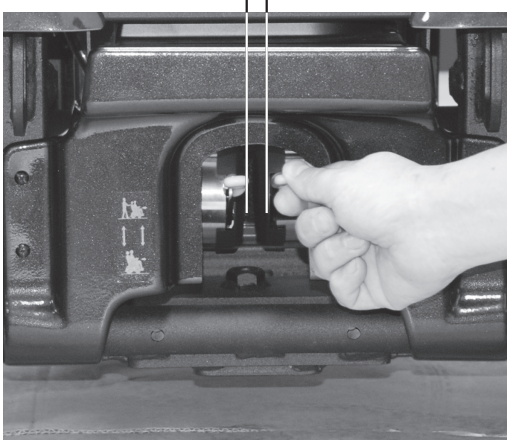
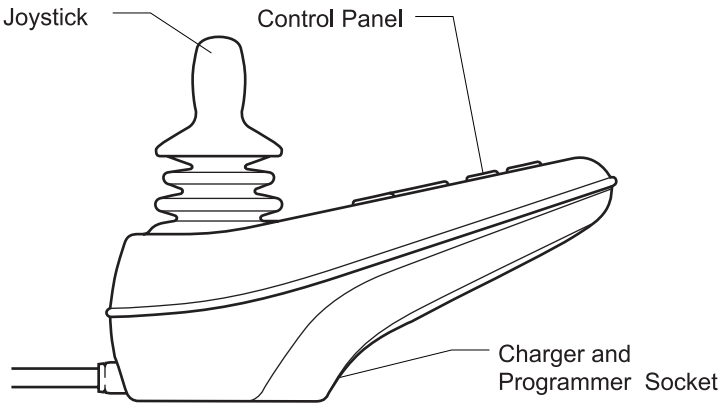


Fig L2. Freewheel Mode (Drive disenaged)

VR2 Controller Operation:

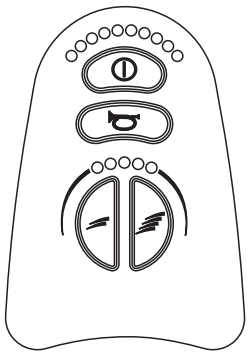
The VR2 control system has two versions of the front control panel - with and without actuator control. Most of the controls are common to both versions, however, the actuator buttons are only included on VR2 control systems with seat actuator control. Each of the controls is explained within this section.

VR2 USER CONTROLS

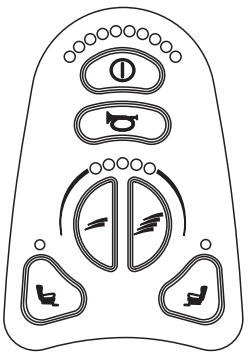


Front Control Panel Details

No Actuators



With Actuators

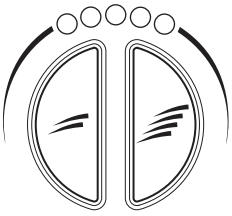


VR2 CONTROL BUTTONS

Battery Gauge

On/Off Button

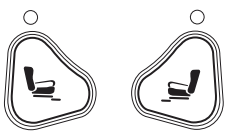
Horn Button



Maximum Speed / Profile Indicator

Speed / Profile Decrease Button

Speed / Profile Increase Button



Actuator Buttons

On/Off Button and Battery Gauge

The on/off button applies power to the control system electronics, which in turn supplies power to the wheelchair's motors. Do not use the on/off button to stop the wheelchair unless there is an emergency. (If you do, you may shorten the life of the wheelchair drive components).

The battery gauge shows you that the wheelchair is switched on. It also indicates the operating status of the wheelchair. Details are given in section 1.

1 Control System Status indication

The battery gauge and maximum speed / profile indicator show the status of the control system.

> A number of supposedly defective control systems returned to us are subsequently found to operate correctly. This indicates that many reported faults are due to wheelchair problems rather than the control system.

1.1 Battery Gauge is Steady

This indicates that all is well.

1.2 Battery Gauge Flashes Slowly

The control system is functioning correctly, but you should charge the battery as soon as possible.

1.3 Battery Gauge steps Up

The wheelchair batteries are being charged. You will not be able to drive the wheelchair until the charger is disconnected and you have switched the control system off and on again.

1.4 Battery Gauge Flashes Rapidly (even with the joystick released)

The control system safety circuits have operated and the control system has been prevented from moving the wheelchair.
This indicates a system trip, i.e. the VR2 has detected a problem somewhere in the wheelchair's electrical system. Please follow this procedure.

- Switch off the control system.
- Make sure that all connectors on the wheelchair and the control system are mated securely.
- Check the condition of the battery.
- If you can't find the problem, try using the self-help guide given in section 1.5.
- Switch on the control system again and try to drive the wheelchair. If the safety circuits operate again, switch off and do not try to use the wheelchair.

Contact your service agent.

1.5 Self-Help Guide

If a system trip occurs, you can find out what has happened by counting the number of bars on the battery gauge that are flashing.

Below is a list of self-help actions. Try to use this list before you contact your service agent. Go to the number in the list which matches the number of flashing bars and follow the instructions.
If the problem persists after you made the checks described below contact your service agent.

* If the programmable parameter, Motor Swap has been enabled, then left and right hand references in this table will need transposing.

1 Bar 	The battery needs charging or there is a bad connection to the battery. Check the connections to the battery. If the connections are good, try charging the battery.
2 Bar 	The left hand motor* has a bad connection. Check the connections to the left hand motor.
3 Bar 	The left hand motor* has a short circuit to a battery connection. Contact your service agent.
4 Bar 	The right hand motor* has a bad connection. Check the connections to the right hand module.
5 Bar 	The right hand motor* has a short circuit to a battery connection. Contact your service agent.
6 Bar 	The wheelchair is being prevented from driving by an external signal. The exact cause will depend on the type of wheelchair you have, one possibility is the battery charger is connected.
7 Bar 	A joystick fault is indicated. Make sure that the joystick is in the center position before switching on the control system.
8 Bar 	A control system fault is indicated. Make sure that all connections are secure.
9 Bar 	The parking bakes have a bad connection. Check the parking brake and motor connections. Make sure the control system connections are secure.
10 Bar 	An excessive voltage has been applied to the control system. This is usually caused by a poor battery connection. Check the battery connections.
7 Bar + S 	A comunication fault is indicated. Make sure that joystick cable is securely connected and not damaged.
8 Bar + A 	An Actuator trip is indicated. If more than one actuator is fitted, check which actuator is not working correctly. Check the actuator wiring.

1.6 Slow or sluggish movement

If the wheelchair does not travel at full speed or does not respond quickly enough, and the battery condition is good, check the maximum speed setting. If adjusting the speed setting does not remedy the problem then there may be a non-hazardous fault. Contact your service agent.

1.7 Maximum Speed / Profile Indicator is Steady

The display will vary slightly depending on whether the control system is programmed to operate with drive profiles.

1.7.1 Maximum Speed Indication

The number of LEDs illuminated shows the maximum speed setting. For example, if the setting is speed level 4, then the four left hand LEDs will be illuminated.

1.7.2 Profile Indication

The LED illuminated shows the selected drive profile. For example, if drive profile 4 is selected, then the fourth LED from the left will be illuminated.

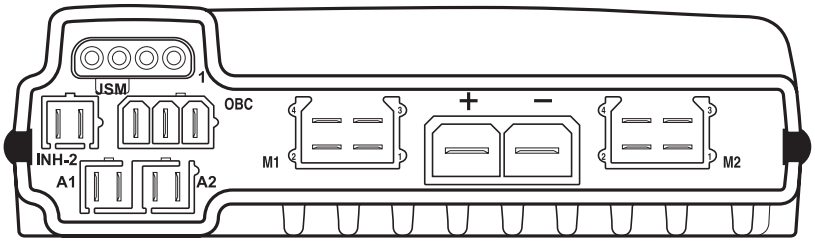
1.8 Maximum Speed / Profile Indicator Ripples Up and Down

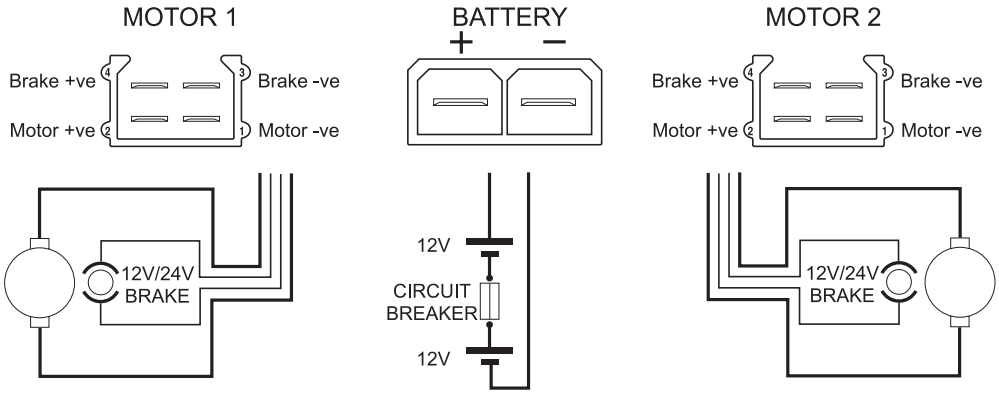
This indicates the control system is locked.

1.9 Maximum Speed / Profile Indicator Flashes

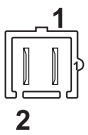
This indicates the speed of the wheelchair is being limited for safety reasons. The exact reason will depend on the type of wheelchair, however, the most common cause is that the seat is in the elevated position.

VR2 POWER MODULE CONNECTIONS



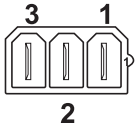


INHIBIT 2



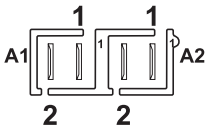
INH-2	Function
1	0V
2	Inhibit 2

ON-BOARD CHARGER



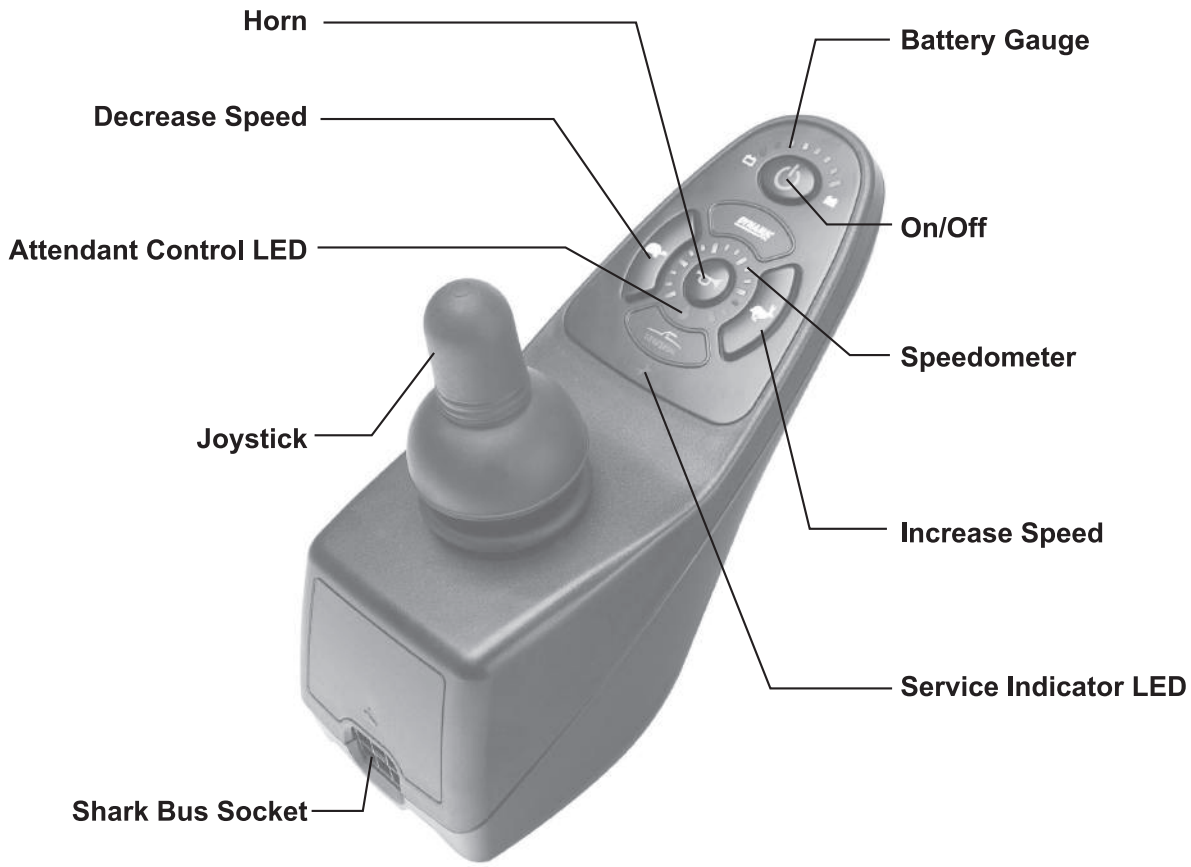
OBC	Function
1	Battery +ve
2	Inhibit 3
3	0V

ACTUATORS



Joystick Movement	Pin 1	Pin 2	Actuator Movement
Forward	+ve	-ve	Channel Up
Backward	-ve	+ve	Channel Down

DK-REMD01 Controller Operation



1. Turning SHARK On/Off and the Sleep Feature

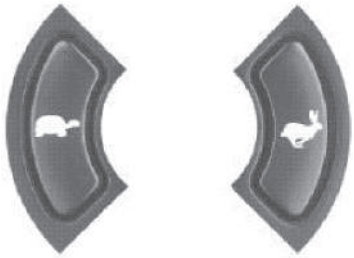
Turning the Power ON

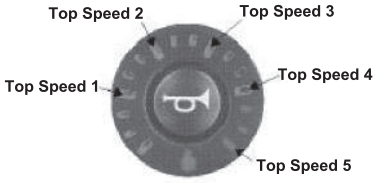
	Press the On/Off button. All Battery Gauge indicators will light briefly. Either the current battery charge or Lock Mode will then be indicated.

Turning the Power OFF

	Press the Power button. All LED's will turn off.

2. Adjusting the Driving Speed





Top Speed 1
Typically 20% but programmable usingthe Lowest Forward Speed parameter.

Top Speed 5
Typically 100% but programmable usingthe Maximum Forward Speed parameter.

The user can adjust the chair's top speed to suit their preferences and environment. The currently selected top speed is shown on the Speedometer and can be adjusted using the "Increase Speed" (Hare) and "Decrease Speed" (Tortoise) buttons.

Each of the speedometer's 6 large LEDs typically represent 0%, 20%, 40%, 60%, 80% and 100% of the chair's absolute maximum top speed

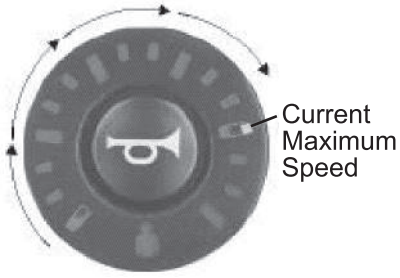
REMD supports 2 modes of top speed adjustment - "5 Speed" and "VSP" modes.

In the "5 Speed" mode pressing the Increase Speed and Decrease Speed buttons steps between one of the 5 top speeds 20% to 100%.

In the "VSP" mode a quick single press of the Increase Speed and Decrease Speed buttons also steps between one of the 5 speeds 20% to 100%. However, pressing and holding the Increase Speed (Decrease Speed) Button ramps the top Speed up (down) in fine steps, allo wing practically any top speed to be selected. This can be particularly useful for matching the chair speed to the walking speed of an accompanying pedestrian.

VSP is an extremely powerful feature, allowing both fast stepping between fixed top speeds by using quick presses or finer control using long presses. The VSP feature can be enabled or disabled. Users can toggle between the "VSP" and "5 Speed" Modes by holding down both the Increase Speed and Decrease Speed Buttons for approximately 2 seconds while the unit is powered up. The control unit will beep when the mode has been changed.

3. Using the Speedometer



The Speedometer is used to gauge the relative speed of the chair in comparison to the maximum speed possible. The right -most LED indicates current maximum speed, which can be adjusted using the Increase (Decrease) Speed button. Refer to section 2.3 for further d etails. Using the joystick, as the speed of the chair increases, the LED's will fill in until maximum speed (as displayed) is reached.

If the bottom, left -most GREEN LED is flashing SHARK is in SPEED LIMIT mode, which limits the drive speed to a pre-programmed value, typically when a seat is raised or tilted and driving too fast may be dangerous. Reference your SHARK Power Module Installation Manual for further details.

4. Using the Horn

Press the Horn button.

The horn will sound for as long as t he button is pressed.

5. The SHARK Battery Gauge

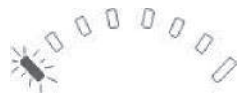
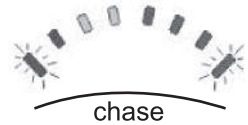
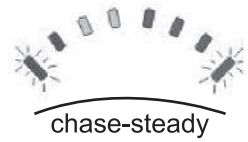
The Battery Gauge is used to indicate power on (refer 2) and provides an estimate of the remaining battery capacity.

Any green LEDs lit indicate well charged batteries.

If only **amber and red** LEDs are lit, the batteries are moderately charged. Recharge before undertaking a long trip.

If **only red** LEDs are lit, the batteries are running out of charge. Recharge as soon as possible.

The following table indicates what the gauge will display for any given state.

Display	Description	This means...	Notes
	All LED's OFF	Power is OFF	
	All LED's ON steady	Power is ON	Less LED's imply a reduced battery charge.
	Left RED LED is flashing	Battery charge is low	The batteries should be charged as soon as possible.
	Right to left 'chase'	SHARK is being brought out of Lock mode	To unlock SHARK, press the Horn button twice within 10 seconds.
	Left to right 'chase' altemating with steady display	SHARK is in program ming, inhibit and/or charging mode	The steady LED's indicate the current state of battery charge.
	All LED's flashing slowly	SHARK has detected an Out Of Neutral At Power Up (OONAPU) condition	Release the joystick back to neutral.

6. The REMD Service Indicator Light

	The amber Service Indicator LED is dedicated to displaying SHARK Flash Codes. For a list of the Flash Codes and what faults they indicate, Reference Section 5.3.

7. Using the Joystick

	Moving the joystick will cause the powerchair to drive in that direction. The amount of joystick movement will determine the speed that the powerchair will move in that direction.

8. Using Lights

Headlights

▶ Operating your powerbase wheelchair ◀

Batteries and Charging

Your Power Wheelchair uses two long-lasting, 12-volt batteries. These batteries are sealed, maintenance free, deep-cycle batteries. Since they are sealed, there is no need to check the electrolyte (fluid) level. Deep-cycle batteries are designed to handle a deep discharge. Though they are similar in appearance to automotive batteries, they are not interchangeable. Automotive batteries are not designed to handle a long, deep discharge, and are also unsafe for use in power wheelchairs.

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

BATTERY BREAK-IN

To break in your power wheelchair new batteries for maximum efficiency:

1. Fully recharge any new battery prior to initial use. This will bring the battery up to about 90% of its peak performance level.
2. Run your power wheelchair about the house. Move slowly at first, and do not stray too far until you become accustomed to the controls and break in the batteries.
3. Give the batteries another full charge of 8 to 14 hours and operate the power wheelchair again. The batteries should now perform at over 90% of their potential.
4. After four or five charging cycles, the batteries will top off at 100% charge and last for an extended period.

IMPORTANT INFORMATION ABOUT BATTERIES

A fully charged deep-cycle battery provides reliable performance and extended battery life. Keep your batteries fully charged whenever possible. Batteries that are regularly discharged, infrequently charged, or stored without a full charge may be permanently damaged, causing unreliable operation and limited battery life.

If you do not use your power wheelchair regularly, we recommend maintaining battery vitality by charging the batteries at least once a week.

Warning: Use only the battery charger type 4C24050A and input voltage of 100-120 VAC

Note: If you are storing a power wheelchair for an extended period of time, you may wish to block the unit up off the ground with several boards under the frame. This keeps the tires off the ground to prevent the possibility of flat spots developing.

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

Sealed Lead Acid and Gel Cell batteries are designed for application in wheelchairs and in other mobility vehicles. Generally, Sealed Lead Acid batteries that are marked as "Non-Spill" are safe for all forms of transportation such as aircraft, buses, and trains. We suggest that you contact your transportation provider to determine specific requirements of transportation and packaging.

If you wish to use a freight company to ship the power wheelchair to your final destination, repack the power wheelchair in the original shipping container and ship its batteries in separate boxes.

Charging Your Batteries

The battery charger is one of the most important parts of your power wheelchair. Optimize your power wheelchair performance by charging the batteries safely, quickly, and easily.Use only the charger supplied with the vehicle.

Charging Procedures

1. Keep charger output plug inserted into the charging socket in the front of the controller before having the charger input plugged into an electrical outlet.
2. Follow the instructions on the front panel of the charger for operating and learn the meanings of the different indicators accordingly.
3. Minimum charging time varies depending on battery condition and discharge level. It is recommended to charge the batteries overnight.

NOTE: The specially designed charger assures that excess power is not consumed regardless of how long it is switched on, and connected to the batteries.

4.Once charging is complete, disconnect the charger from the electrical outlet and then disconnect the charger from the controller socket. Do not leave the charger connected to controller when input power is disconnected.It is dangerous and will jeopardize the power charging to the batteries.

CARE AND MAINTENANCE

Your powerbase wheelchair 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. The following areas require periodic inspection and/or care and maintenance.

Tire pressure

● If equipped with pneumatic tires, always maintain the psi/bar/kPa air pressure indicated on each tire.

● It is important that the psi/bar/kPa air pressure indicated on each tire 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 the psi/bar/kPa air pressure indicated on pneumatic tires at all times may result in tire and/or wheel failure.

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

● Tire pressure: Pneumatic tires, there should be 2.1-2.4 bar (206.9-241.3kPa / 30-35 psi) in each tire. Pressure (max.) = 3.5 bar max. (344.8kPa / 50psi).

Exterior surfaces

Main Shroud, rear shroud, and tires can benefit from an occasional application of rubber or vinyl conditioner.

Do not use a rubber or vinyl conditioner on the powerbase wheelchair's vinyl seat or tire tread, as this may cause them to become dangerously slippery.

Cleaning and disinfection

● Use a damp cloth and mild, non-abrasive cleanser to clean the plastic and metal parts of your powerbase wheelchair.

Avoid using products that may scratch the surface of your powerbase wheelchair.

● If necessary, clean your product with an approved disinfectant. Make sure the disinfectant is safe for use on your product before application.

● Follow all safety instructions for the proper use of the disinfectant and cleaning agent before applying it to your product. Failure to comply may result in skin irritation or premature deterioration of upholstery and/or scooter finishes.

Battery terminal connections

● Make certain that the terminal connections remain tight and uncorroded.

● The batteries must sit flat in the battery wells.

ABS plastic shrouds

● The fender LH/RH 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.

Motor brushes

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

AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

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

DAILY CHECKS

● With the controller turned off, check the joystick. Make sure it is not bent or damaged and that it returns to center when you release it. Check the rubber boot around the base of the joystick for damage. Visually inspect the boot only. Do not handle or try to repair it. See your authorized service center if there is a problem.

● Visually inspect the controller harnesses. Make sure that they are not frayed, cut or have any wire exposed. See your authorized provider if there is a problem with any of these harnesses.

WEEKLY CHECKS

● Disconnect and inspect the controller and charger harnesses from the electronics connector housing. Look for corrosion. Contact your local provider if necessary.

● Ensure that all parts of the controller system are securely fastened to your powerbase wheelchair. Do not over tighten any screw.

● Check for proper tire inflation, there should be 30-35psi in each tire. If a tire will not hold air, replace the tube.

● Calibrate the joystick if a noticeable difference in performance is detected or if the joystick does not operate properly.

● Check the brakes. This test should be carried out on a level surface with at least three feet of clearance around your powerbase wheelchair.

To check the brakes:

1. Turn on the controller and turn down the speed response adjustment knob.
2. After one second, check the battery gauge. Make sure that it remains on.
3. Slowly push the joystick forward until you hear the electric brakes click.

Note: The powerbase wheelchair may move when performing this test. Immediately release the joystick. You must be able to hear each electrical brake operating within a few seconds of joystick movement.

MONTHLY CHECKS

● Check that the anti-tip wheels do not rub the ground when you are operating the powerbase wheelchair; adjust them as necessary.

● Check for extreme wear on the anti-tip wheels. Replace them as necessary.

● Check for drive tire wear. See an authorized provider for repair.

● Check the front/rear castors for wear. Replace as necessary.

● Check the front/rear forks for damage or fluttering which indicates that they may need to be adjusted or the bearings may need to be replaced. See an authorized provider for repair.

● Keep your powerbase wheelchair clean and free of foreign material such as hair, food, drink, etc.

YEARLY CHECKS

● Take your powerbase wheelchair to an authorized provider for yearly maintenance. This helps to ensure that your powerbase wheelchair is functioning properly and helps prevent future complications.

Wheel replacement

If your powerbase wheelchair is equipped with pneumatic tires and you have a flat tire, you can have the tube replaced.

If your powerbase wheelchair is equipped with a solid tire insert, either the solid insert or the entire wheel must be replaced depending on the model. Contact your dealer for information regarding replacement wheels for your powerbase wheelchair.

Be sure that the kpowerbase wheelchair is powered off and the powerbase wheelchair is not in freewheel mode before performing this procedure.

Follow these easy steps for a quick and safe repair for solid tires:

1. Push the ON/Off switch button to turn off the power.
2. Elevate the side of the powerbase wheelchair of which you are removing the tire. Place wooden blocks under the frame to elevate the powerbase wheelchair.
3. Remove the drive wheel nut and washer from the axle.
4. Pull the wheel off the axle.
5. Slide the new wheel back onto the axle. Make sure that the axle key is in the axle slot. Failure to ensure that the axle key is properly installed into the axle slot when mounting the wheel can result in electronic brake failure, personal injury, and product damage.
6. Reinstall the drive wheel nut and washer onto the axle and tighten.

Make sure both the nut and washer are reinstalled and tightened properly.

7. Remove the block from beneath the powerbase wheelchair.

Wiring harnesses

● Regularly check all wiring connections.

● Regularly check all wiring insulation, including the charger power cord, for wear or damage.

● Have your authorized dealer repair or replace any damaged connector, connection, or insulation that you find before using your powerbase wheelchair again.

● Even though the powerbase wheelchair has passed the necessary testing requirements for ingress of liquids, you should keep electrical connections away from sources of dampness, including direct exposure to water or bodily fluids and incontinence. Check electrical components frequently for signs of corrosion and replace as necessary.

Nylon lock nut replacement

Any nylon insert lock nut removed during the periodic maintenance, assembly, or disassembly of the scooter must be replaced with a new nut. Nylon insert lock nuts should not be reused as it may cause damage to the nylon insert, resulting in a less secure fit. Replacement nylon insert lock nuts are available at local hardware stores or through your dealer.

Console, charger, and electronic controller module

● Keep these areas away from moisture.

● Before operating your powerbase wheelchair, allow any of these areas to dry thoroughly if they have been exposed to moisture.

Fuses

To replace a fuse:

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

Storing your powerbase wheelchair

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

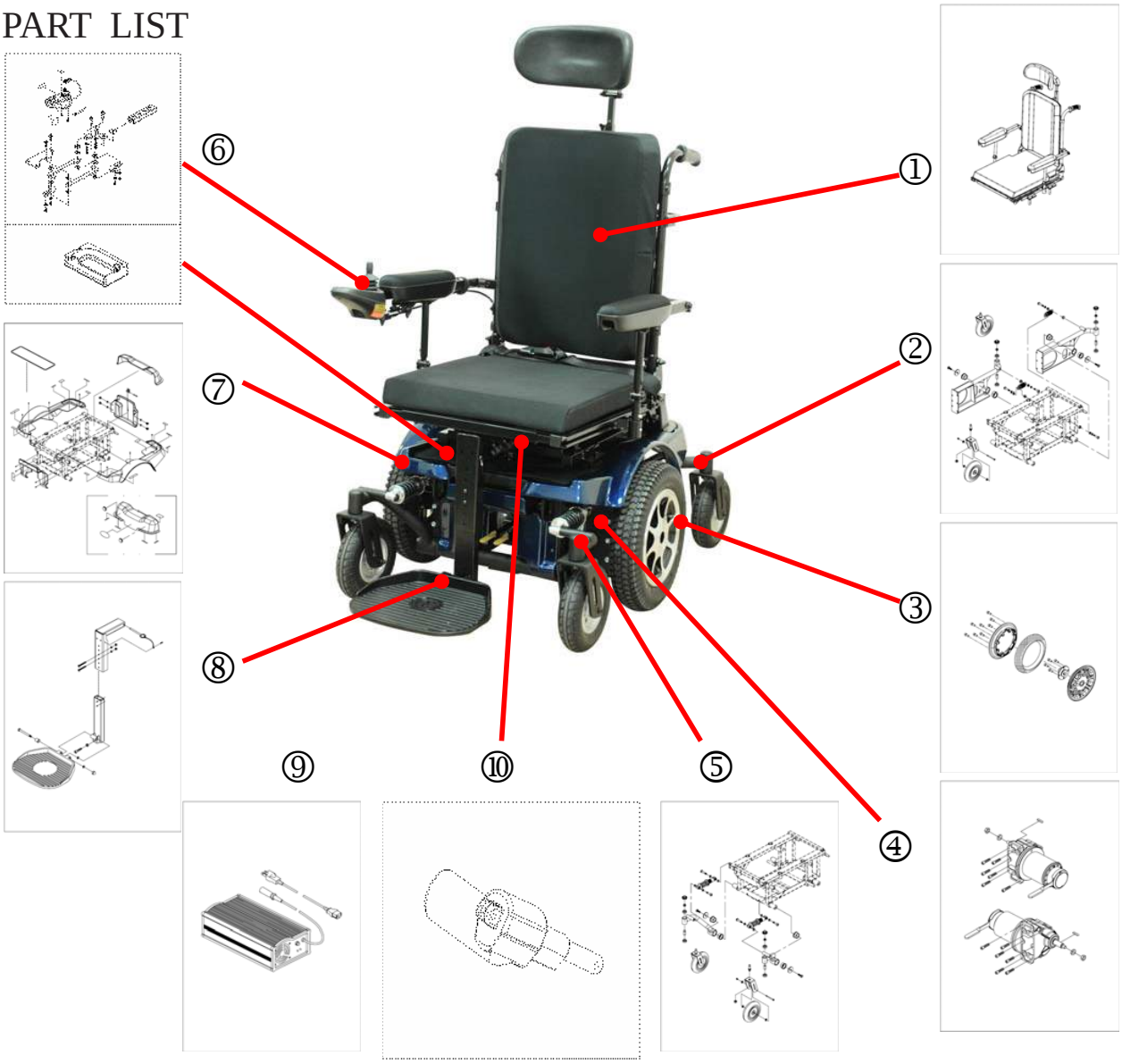
1. Fully charge its batteries prior to storage.
2. Disconnect the batteries from the powerbase wheelchair.
3. Store your powerbase wheelchair in a warm, dry environment.
4. Avoid storing your powerbase wheelchair where it will be exposed to temperature extremes.

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

Recycle

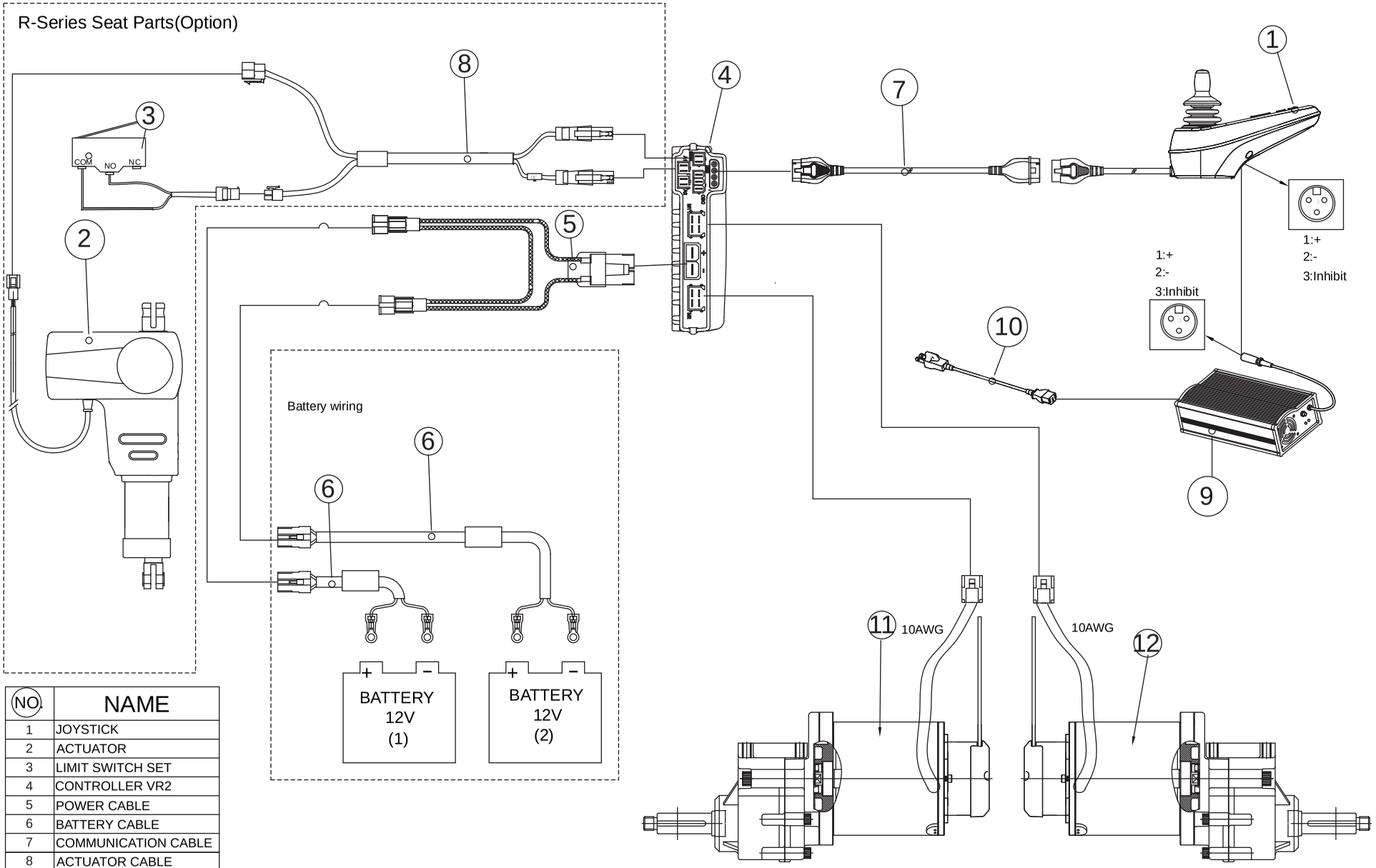
Information on the recycling of used batteries and other parts of the powerbase wheelchair; use only special recycling for the powerbase wheelchair parts, no general disposal (e.g. batteries, electronics)

PART LIST



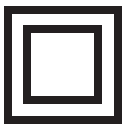
PART LISTS	
Item	Description
①	Seat Ass'y
	Cushion & Back Cushion
	Gel Padded Armrest Set
	Headrest Kit
②	Anti-tipper Arm Ass'y., Rear
	Caster Wheel, 8"*2" PU, Used for P323
	Caster Wheel, 6"*2" PU, Used for P324
③	Drive Wheel Ass'y., 3.00-8 14" PU, Used for P323
	Drive Wheel Ass'y., 4.00-5 12-1/2" PU, Used for P324
④	Motor and Gearbox Complete, LH and RH., M9L
⑤	Anti-tipper Arm, Front
	Caster Wheel, 8"*2" PU, Used for P323
	Caster Wheel, 6"*2" PU, Used for P324

PART LISTS	
Item	Description
⑥	Controller
	Joystick Only, PG VR2 A2, JSM-A(D50680)
	Controller Only, PG VR2-60-A1(D50682)
⑦	Shroud Ass'y
	Shroud, LH. and RH.
	Shroud, Front
	Shroud, Rear, Upper
	Shroud, Rear, Lower (Standard)
⑧	Footplate Ass'y., Alum. Black
⑨	Charger Unit
	Charger, 5A, 4C24050A
	Charger Power cord W/PLUG, US SPEC
⑩	Actuator, FD24-A4-323.473-C22



NO.	NAME
1	JOYSTICK
2	ACTUATOR
3	LIMIT SWITCH SET
4	CONTROLLER VR2
5	POWER CABLE
6	BATTERY CABLE
7	COMMUNICATION CABLE
8	ACTUATOR CABLE
9	CHARGER
10	POWER CORD
11	LEFT MOTOR
12	RIGHT MOTOR

IEC Symbols

⎓	Direct current
IPX4	Protect against splashing water
	Attention, consult accompanying document.
	ON/ OFF Button on the controller
5A/24V	Use DC24V/5A charger
	**Follow the instructions for use**
	Type B applied part
	Class II Equipment

Serialization format for products

1	The first digit is the last one digit of the year for manufacture.
2	The second and third digits are the month for manufacture.
3	The fourth to seventh digits are counting of how many units were manufactured during the month.

▶ Warranty ◀

Limited Warranty

Corporation warrants to the original purchaser of this wheelchair product that it is free of defect in material and workmanship and that, when operated within the guidelines and restrictions of this manual, will remain so free of defect in material and workmanship for a period of One (1) year from the original date of purchase.

Excluded from this warranty is failure due to negligence, abuse, accident, operation outside of rated limits, commercial or institutional use, damage / wear to upholstery or tires and improper maintenance or storage. The batteries for this wheelchair product are not supplied by Corporation; contact the battery manufacturer / supplier if warranty replacement is requested.

This wheelchair product must not be modified in any way without the express written consent of Corporation. Any such unauthorized modification could cause unreliable and / or unsafe operation and will void this warranty.

Where a failure occurs within the 1- year warranty period that is not excluded above, the failed components will be replaced with similar new or reconditioned components at sole option. Corporation will not be responsible for labor and / or shipping charges.

The foregoing warranty is exclusive and in lieu of all other warranties expressed or implied including, but not limited to, the implied warranty of merchantability and fitness for a particular purpose. Corporation will not be liable for any consequential or incidental damages whatsoever.

▶ Warranty Registration ◀

WARRANTY REGISTRATION

MODEL NO. _____

SERIAL NO. _____

DATE PURCHASED _____

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

DEALER NAME _____

STAMP

RETURN ADDRESS

_____

_____

_____

TROUBLESHOOTING TIPS

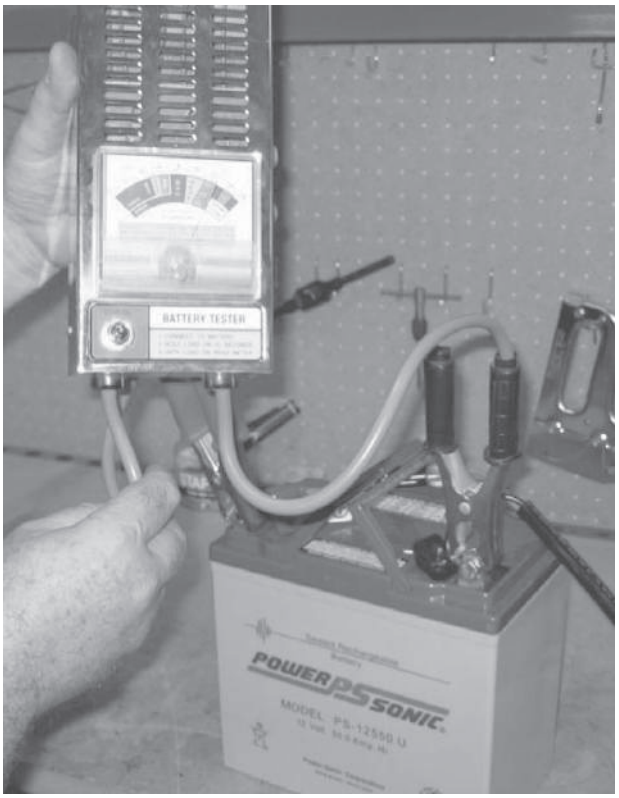


Figure 1

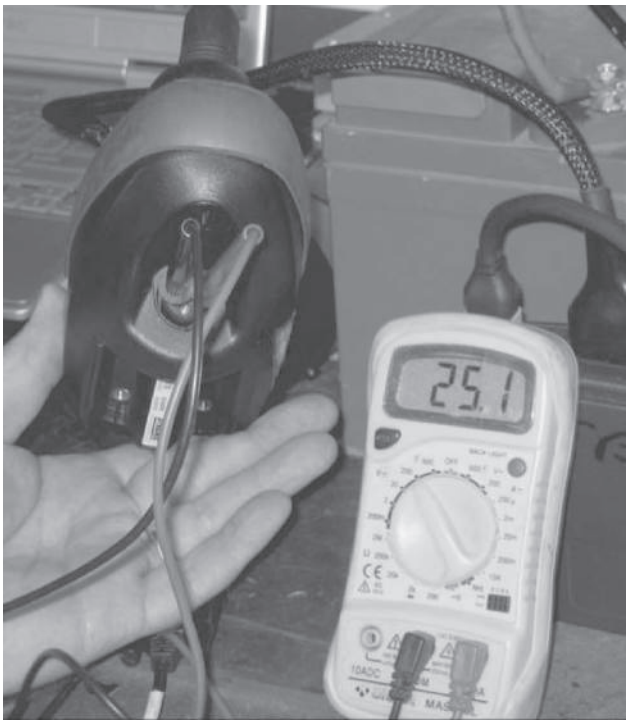


Figure 2

If your power chair or scooter is not operating properly, please take the following steps prior to calling Technical Support.

Load-test Batteries—See Figure 1

1. Attach Battery Load-tester to battery.
   Observe polarity: Red is Positive—Black is Negative

2. Hold load switch on for 10 seconds. A good reading is 11.2 Volts DC, or in the Green.

Note: A Voltmeter cannot load-test batteries.

Test Voltage—See Figure 2

Utilizing a Voltmeter, place meter leads in charging port. The voltage reading should be 25 Volts DC, plus or minus 2 volts.

Note: Batteries are connected in series.

If the above tests are successful, proceed with the following test.

1. For power chairs, place gearbox levers in Freewheel.

2. Turn on controller and run in all four quadrants.

3. If troubleshooting a scooter, elevate rear wheels and run in Forward and Reverse.

If any of the above tests fail, contact your local dealer.

MERITS HEALTH PRODUCTS, INC.

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