# **Consumer Safety Guide**



This Consumer Safety Guide offers basic information on the proper and safe use of scooters. The user should read all other information provided with the scooter, including but not limited to, the product owner's manual, controller manual, front rigging manual, and any other supplemental information before using the scooter for the first time.

#### **Product Safety**

The signal words and safety symbols described below are used on the scooter and throughout all documentation supplied with the scooter to identify important safety information. It is very important for you (and your attendant, if applicable) to read their meanings and understand them completely before operating the scooter.

SIGNAL WORD	DEFINITION		
DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or severe injury. Property damage may also result.		
WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or severe injury. Property damage may also result.		
CAUTION	Indicates a potentially hazardous situation which, if not avoided, could result in moderate or minor injury. This signal word may also be used to alert against unsafe practices. When not accompanied by a safety alert symbol, this word is used to indicate a potentially hazardous situation which, if not avoided, could result in property damage.		



HAZARD IDENTIFICATION: The hazard identification surround shape on all safety labeling is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/ situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous condition/situations.



MANDATORY ACTIONS: The mandatory action surround shape on all safety labeling is represented as a white symbol on a blue circle with a white border. It is used to convey mandatory actions that should be performed as specified in order to avoid a hazardous condition/situation. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous condition/situations.



PROHIBITED! The prohibited action surround shape on all safety labeling is represented as a black symbol with a red circle and red slash. It is used to convey prohibited actions that should not be performed at any time or in any circumstances. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous condition/situations.



CALIFORNIA PROPOSITION 65 WARNING! This product may contain substances which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.



MANDATORY! Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Country and/or Member State in which the user and/or patient is established.

MANDATORY! To avoid bodily injury and/or property damage, you must confirm your scooter's final transport weight with your Provider/Dealer or lift installer prior to transit. The quoted unit weight (if any) does NOT include dealer-installed accessories (e.g., positioning components, cushions, back, portable oxygen tanks, etc.) or items being transported by the scooter (i.e. walkers, canes, etc.) and should NOT be relied upon to assess the compatibility of your finished scooter with a vehicle lift or other vehicular transport mechanisms.

CH

RFP



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

# **Table of Contents**

Product Safety Symbols4	Unoccupied Motor Vehicle Transport18		
General Safety Guidelines8	Seating18		
Modifications8			
Weight Limitations9	User Positioning19		
Tire Information10	Batteries and Charging: Sealed Lead Acid		
Incline Information10	(SLA) (AGM/Gel-Cell/Hybrid Gel)19		
Freewheel Mode12	Batteries and Charging: Lithium-lon		
Braking Information13	Battery Recycling and Disposal21		
Handbrake Lever13	Removable Parts21		
Cornering Information14	Preventing Unintended Movement21		
Outdoor Operation, Public Streets and	Reaching and Bending22		
Roadways, Parking Lots, Intersections, Motor	Transfers22		
Vehicles and Pedestrians15	Physical Limitations23		
Visibility - Can You See Ahead and Can Others	Drugs/Medications23		
See You?15	Alcohol and Other Intoxicants/Smoking23		
Stationary Obstacles (Steps, Curbs, etc.)16	Smoking23		
Outdoor Driving Surfaces16	Flammability Precautions24		
Inclement Weather Precautions17	Hazardous Environments24		
Ingress of Liquids17	Sports and Athletics24		
Stairs and Escalators17	Electromagnetic and Radio Frequency		
Elevators17	Interference (EMI/RFI)24		
Doors17	Questions & Answers: Proposition 6525		
Lift Systems/Elevation Products18	USER SAFETY NOTICE25		

#### Language Usage

This owner's manual is intended for distribution in all English-speaking countries where our Scooters are sold. We have chosen to compose this manual using language and spellings common to the USA. Since we recognize that not all English-speaking countries use the same words or spellings, please refer to the following chart for some common word variations that may be encountered throughout this manual.

USA	Variation	USA	Variation	USA	Variation
asphalt	tarmac	backward(s)	rearward(s)	center	centre
color	colour	cord	lead	curb	kerb
elevator	lift	meter	metre	provider	dealer; agent
sidewalk	pavement	tire	tyre	trunk	boot
turn signal	turn indicator	yard	grounds	wrench	spanner
caster	castor	pocketbook	handbag	counterclockwise	anticlockwise
authorized	authorised	path	footpath	path	bridleway
labor	labour				

#### **Table 1. Word Variations**



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

#### **Product Safety Symbols**

The symbols below are used on the scooter to identify warnings, mandatory actions, and prohibited actions. It is very important for you to read and understand them completely.



Indicates a potentially hazardous situation which, if not avoided, could result in death or severe injury. Property damage may also result.



Indicates electrical shock hazard.



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



Indicates that explosive conditions exist.



Corrosive chemicals contained in batteries.



Pinch/Crush points exist.



Do not engage freewheel mode on a decline.



Do not engage freewheel mode on an incline.



Indicates hot surface. Avoid contact.



Indicates a mandatory action that should be performed as specified in order to avoid a hazardous condition/ situation. Failure to perform mandatory actions can lead to personal injury and/or equipment damage.



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



Indicates maximum weight capacity. Stay within the specified weight capacity of your product.



Use only AGM, Gel-Cell, or Hybrid Gel batteries to reduct the risk of leakage or explosive conditions.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.



Contains sealed, non-spillable batteries that meet DOT CFR 173.159 (d), IATA packing instructions 872, IATA provision A67 for safe transportation.



Battery has been tested and complies with United Nations Transport Regulations standard UN38.3. Check with airline prior to travel.



Protect from heat sources.



Indicates correct connector orientation. Connect dotted plug to dotted connector.



Pb

Lead

Battery posts, terminals, and related accessories contain lead and lead compounds. Wear googles and gloves when handling batteries and wash hands after handling.





Your product must be disposed of according to applicable local and national statutory regulations. Contact your local waste disposal agency or authorized provider for information on proper disposal of packaging, metal frame components, plastic components, electronics, batteries, neoprene, silicone, and polyurethane materials.



Contact your local recycling center or authorized provider for information on proper recycling of product components.



Indicates component is for indoor use only.



Keep area clean.



Keep area dry.



N = Neutral (Brakes disengaged; unit in Freewheel Mode)



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.



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





DOES NOT meet ISO 7176-19 or ANSI-RESNA WC-19 standards for occupied transport in a motor vehicle.



Do not remove anti-tip wheels.

Keep your hands, clothing and all other objects away from the wheels when driving. Do not allow any personal belongings or objects to drag behind the scooter when driving. Be aware that loose fitting clothing or other objects can become caught in all moving parts of the scooter. Failure to heed this may result in personal injury and/or property damage.



Do not operate the power seat, if equipped, while the scooter is in motion.



Not a brake



Not a step. Keep off!



Do not adjust suspension.



Battery System Isolation Disconnect Location (if equipped)



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

# **General Safety Guidelines**

Your scooter is a state-of-the-art, life-enhancement device designed to increase mobility. We provide an extensive variety of products to best fit the individual needs of the scooter user. Please be aware that the final selection and purchasing decision regarding the type of scooter to be used is the responsibility of the scooter user, who is capable of making such a decision, and his/her healthcare professional (i.e., medical doctor, physical therapist, etc.). The contents of this manual are based on the expectation that a mobility device expert has properly fitted the scooter to the user and has assisted the prescribing healthcare professional and/or the authorized provider in the instruction process for the use of the product.



WARNING! The scooter user must consult with his/her healthcare professional (i.e. medical doctor, physical therapist, etc.) if he/she experiences any changes or deterioration in his/her health or physical condition that may limit or impair his/her ability to safely operate a scooter.

WARNING! Do not operate your scooter for the first time without completely reading and understanding all information provided with your scooter, including but not limited to safety labeling, owner's manuals, and supplemental instructional booklets.

The following are precautions, tips, and other safety considerations intended to help you become accustomed to operating your scooter safely. While we recognize that scooter users will frequently develop skills to manage daily activities that may differ from those illustrated in this guide, it is imperative that all safety guidelines in this manual be followed to ensure user safety. Failure to follow the safety notices in this and other manufacturer-supplied manuals and those located on your scooter can lead to personal injury and/or damage to the scooter, and may result in voiding the product warranty.

#### **Modifications**

We have designed and engineered your scooter to provide maximum mobility and utility. A wide range of accessories are available from your authorized provider to further customize your scooter to better suit your needs and/or preferences. However, under no circumstances should you modify, add, remove, or disable any feature, part, or function of your scooter.



WARNING! Do not modify your scooter in any way not authorized by your provider. Do not use accessories if they have not been tested or approved for scooter. Approved accessories must be installed by your authorized provider or a qualified service technician.

WARNING! The addition of accessories to the scooter may change the overall weight, size, and/or center of gravity of your scooter. It is important to take note of these changes to avoid damage to the scooter and surrounding property.

The center of gravity of your seating system was factory set to a position that meets the needs of the demographic majority of users. It is the responsibility of your authorized provider to evaluate your seating system and make any necessary adjustments to suit your specific requirements to prevent the scooter from tipping forward, backward, or to the side.



WARNING! Do not change your seating configuration without first contacting your authorized provider. Only your authorized provider or a trained service technician should make adjustments to the seating system.

WARNING! Do not use seating systems on your scooter that have not been tested or approved for your scooter. Using unapproved seating systems could affect the center of gravity of your scooter, resulting in a tip or a fall.

Controllers are factory set to a program that meets the needs of the demographic majority of users. The controller program can affect speed, acceleration, deceleration, dynamic stability, and braking. It is the responsibility of your authorized provider to evaluate your specific requirements and make any necessary adjustments to the controller program.

The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.



WARNING! If the controller is programmed incorrectly or outside of the safe limits as determined by your healthcare professional, it can create a dangerous situation. Only the scooter manufacturer, an authorized representative of the manufacturer, or a trained service technician should program the controller.

WARNING! Make sure the controller settings on your scooter are evaluated by your authorized provider every six to twelve months to reduce the risk of collision or tip-over. Contact your authorized provider immediately if you notice any change in your ability to control the throttle control lever, hold your upper body erect, or avoid collisions.

WARNING! If your scooter is equipped with a power elevating seat, altering drive inhibits in any way may result in personal injury, product damage, and/or death.

You should not modify the electrical system in any way not authorized by the scooter manufacturer.



WARNING! Do not connect any aftermarket or auxiliary devices to the scooter electrical system or use the scooter batteries to power any aftermarket or auxiliary devices unless you are using an adapter that has been tested and approved by the scooter manufacturer. Do not cut or splice any original equipment wires, cables, or harnesses for the purpose of adding aftermarket or auxiliary devices to the scooter as this may result in damage to the electrical system and batteries.

WARNING! Do not pull on electrical harnesses directly to detach them from the scooter. Always grasp the connector itself when disconnecting the harness to prevent wire damage.

WARNING! Ensure that the onboard or off-board charger power cord connectors are clean and dry before plugging the connectors into either the off-board charger socket or the electrical socket. Service the charger power cord regularly. Failure to do so may result in damage to the electrical system and/or personal injury.

WARNING! In the event of a loss of power to the scooter, transfer to a safe position, seeking assistance if needed. Contact your authorized provider immediately to report the incident.

#### Weight Limitations

Your scooter is rated for a maximum weight capacity. Please refer to the product specifications table for this limit. Keep in mind that the maximum weight capacity includes the combined weight of the user and any accessories mounted to the scooter. Stay within the specified weight capacity of your scooter. Exceeding the weight capacity voids your warranty. We will not be held responsible for injuries and/or property damage resulting from failure to observe weight limitations.



WARNING! We recommend that you do not use the scooter as a seat during weight training activities or as a weight training apparatus. Such use can lead to undue stress and fatigue on scooter components, and can also affect center of gravity, resulting in a tip or a fall. We will not be held responsible for injuries and/ or property damage resulting from use of the scooter in weight training activities or as a weight training apparatus.



WARNING! Do not carry passengers on your scooter. Carrying passengers on your scooter may affect the center of gravity, resulting in a tip or a fall. We will not be held responsible for injuries and/or property damage caused by carrying passengers on the scooter.



WARNING! Do not use the scooter to haul, move, or tow other vehicles, including lawn mowers, ATV equipment, or other mobility devices. Your scooter was not designed with such use in mind and any damage or injury incurred from such use is not the responsibility of the scooter manufacturer.

Your scooter may be used to tow ONLY when equipped with a manufacturer-suppled towing hitch.



WARNING! Do not exceed the maximum weight rating when towing any object. Verify that the total weight of the object being towed, including the load, does not exceed the maximum hitch weight. Failure to heed may result in personal injury and/or property damage.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.



Figure 1. Weight limitations

#### **Tire Inflation**

If your scooter is equipped with pneumatic tires, you should check or have the air pressure checked regularly. Proper inflation pressures will prolong the life of your tires and help ensure the smooth operation of your scooter. Always maintain the recommended psi/bar/kPa air pressure rating indicated on pneumatic tires.

#### NOTICE: If the tires on your scooter list the psi rating only, use the following conversion formulas to find the bar or kPa rating: bar = $psi \times 0.06895$ ; kPa = $psi \times 6.89476$ .



WARNING! It is important that the psi/bar/kPa air pressure rating indicated on pneumatic tires be maintained in the 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 recommended psi/bar/kPa air pressure rating in pneumatic tires at all times may result in tire and/or wheel failure.



WARNING! Do not use a high pressure hose to inflate the scooter drive tires. Inflate the tires from a regulated, low pressure air source with an available pressure gauge. Inflating your tires from a high pressure or unregulated air source could overinflate them, resulting in a burst tire.

#### **Incline Information**

More and more buildings have ramps with specified degrees of inclination, designed for easy and safe access. Some ramps may have turning switchbacks (180-degree turns) that require you to have good cornering skills on your scooter.

- Proceed with extreme caution as you approach the downgrade of a ramp or other incline.
- Take wide swings with your scooter'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.
- Avoid sudden stops and starts.



WARNING! Stopping distances on inclines and declines can be significantly greater than level ground. Always set your scooter to the slowest speed setting and proceed slowly. Doing so greatly reduces the possibly of an uncontrolled ascent/decent, personal injury and/or product damage.



WARNING! Do not exceed the maximum recommended incline angle for your scooter. Refer to the owner's manual and the product specifications for more information.



WARNING! Do not exceed the recommended weight capacity for any ramp. When using a ramp, the weight of the occupied scooter should be evenly distributed on the ramp.

WARNING! Ramp surfaces may become slippery when wet. Exercise extreme caution when using a ramp during inclement weather conditions. Failure to heed this warning can result in personal injury and/or property damage.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

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, set your scooter to the slowest speed setting and drive 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, apply light pressure to the throttle control lever to ensure a safely controlled descent.



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



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 potentially hazardous inclines, including but not limited to areas covered with snow, ice, cut grass, or wet leaves.



WARNING! Never travel down an incline or ramp backward. Doing so may cause the scooter to tip. Always exercise extreme caution when negotiating an incline.

WARNING! If your scooter is equipped with a reclining seatback, do not attempt to negotiate inclines with the seat in a reclined position. Do not attempt to negotiate obstacles with the seat in a reclined position unless an attendant is present to help stabilize the scooter. Failure to heed these precautions may result in the scooter tipping over.

Handicap public-access ramps are not subject to government regulation in all countries, and therefore do not necessarily share the same standard degree of slope. Other inclines may be natural or, if manmade, not designed specifically for scooters. Your scooter's ability to travel up inclines is affected by your weight, travel speed, angle of approach to the incline, and your scooter setup, including seat configuration. Therefore, we recommend that the maximum slope of an incline you attempt to safely ascend or descend on your scooter does not exceed the maximum rated slope listed in the product specifications. Refer to the table below for standard degree of slope guidelines that are available for regions as noted. **See figure 2.** 

Geographic Location	Minimum Safe Slope Requirements		
USA (Americans with Disabilities Act-ADA)	ADA requires 5° (8.7%)		
Europe (CE mark) Class A	3° (5.2%)		
Europe (CE mark) Class B	6° (10.5%)		
Europe (CE mark) Class C	10° (17.6%)		



Figure 2. Maximum Rated Slope Angle (Ascending and Descending)



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

WARNING! Your scooter has been tested in accordance with certain ANSI-RESNA and ISO standards. You should not exceed the performance specifications of your scooter as noted in the product specifications.

WARNING! Any attempt to climb or descend a slope steeper than that specifically listed in your scooter product specifications may put your scooter in an unstable position and cause it to tip.

WARNING! Never carry an oxygen tank weighing more than 10 lbs. (4.5 kg). Never fill the front or rear basket with contents exceeding 10 lbs. (4.5 kg). Doing so could affect the center of gravity of the scooter, resulting in a tip over.



WARNING! The distance required to bring your scooter to a complete stop on a decline is significantly greater than on level ground. Always allow enough distance for your scooter to come to a complete stop when on an incline or decline. Failure to heed may result in an uncontrolled stop which may cause personal injury and/ or property damage.

WARNING! When loading or unloading an unoccupied scooter for transport, do not exceed the Maximum Rated Slope that is listed on the product specification and on the data plate that is affixed to the scooter frame. Failure to heed may cause the scooter to become unstable and tip over, resulting in product damage or personal injury.

When you approach an incline, it is best to lean forward. This shifts the center of gravity of you and your scooter toward the front of the scooter for improved stability. **See figures 3 and 4.** 





Figure 3. Normal Driving Position

Figure 4. Increased Stability Driving Position

# **Freewheel Mode**

Our scooters are equipped with a manual freewheel lever system to allow for manual maneuverability by the user or a trained attendant. When the scooter is in freewheel mode, the braking system is disengaged. The scooter should always be returned to drive mode to lock the brakes before leaving the scooter occupant unattended or returning control of the scooter back to the user.



WARNING! Do not place the scooter in freewheel mode while on an incline or decline. This could cause the scooter to roll uncontrollably on its own.

WARNING! Do not use your scooter in freewheel mode without an attendant present.

WARNING! Do not place the scooter in freewheel mode while the unit is powered up. Always turn the scooter power off and remove the key from the key switch before engaging or disengaging freewheel mode.

An added feature built into the scooter is "push-too-fast" protection which safeguards the scooter against gaining excessive speed while in freewheel mode.

"Push-too-fast" operates differently depending on which of two conditions exists:

- If the key is switched "off" while in freewheel mode, the scooter's controller activates regenerative braking when the scooter is pushed faster than a maximum threshold which has been preprogrammed. In this case, the controller is acting as a speed governor.
- If the key is switched "on" while in freewheel mode, you will encounter considerable resistance at any speed. This prevents the scooter from gaining unwanted momentum should the manual freewheel lever inadvertently be released while driving the scooter.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.



WARNING! We strongly recommend that you not tow a scooter equipped with "push-too-fast" protection. Towing the scooter may exceed the maximum speed threshold, which could result in damage to the controller, electrical components and wiring, and the motor.



Figure 5. Freewheel Mode

# **Braking information**

Your scooter is equipped with these powerful brake systems:

- Regenerative: Uses electricity to rapidly slow the scooter/vehicle when the throttle control lever returns to the center/stop position.
- Disc Park Brake: Activates mechanically after regenerative braking slows the scooter/vehicle to near stop or when power is removed from the system for any reason.
- (Optional) Handbrake: This lever provides you with supplemental stopping power. See II. "Your Scooter."

Unless equipped with a specialty device, the speed of your scooter is controlled by a throttle control lever. When the throttle control lever is moved from the center (neutral) position, an electronic signal is sent to the braking system. The signal causes the electromagnetic brakes to release, allowing the scooter/vehicle to move. The more pressure applied to the throttle control lever, the faster the scooter/vehicle will move up to a preset maximum speed. When the throttle control lever is released back to the center (neutral) position, the electronic signal is reversed and the electromagnetic brakes engage, allowing the scooter to decelerate to a stop.

#### NOTICE: If the throttle control lever is released to the center (neutral) position when negotiating an incline, the scooter may "roll back" approximately 1 foot (30.5 cm) before the brake engages. This is caused by a momentary delay when the electronic signal to the brakes is reversed. If the throttle control lever is released while negotiating an incline in reverse, the scooter may "roll back" approximately 3 feet (1 meter) before the brake engages.

# Handbrake Lever (optional)

The handbrake lever may contain hydraulic fluid. When the lever is depressed, the fluid is pushed through the brake line to engage the brake pads against the brake discs. The handbrake lever is a completely sealed unit, meaning that the hydraulic fluid should not leak; however, there are certain safety measures that should be taken if the handbrake lever becomes cracked or damaged.

- Do not touch spilled material unless wearing protective equipment, such as safety goggles and gloves.
- For small spills, cover the material with dry earth, sand or other non-combustible absorbent material. Once absorbed, enclose the material in a plastic bag and contact your local waste disposal agency for proper disposal measures. Do not expose the material to waterways or sewers.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

- If the eyes are exposed, check for and remove contact lenses. Flush eyes with cool, clean, low-pressure water while occasionally lifting and lowering the eyelids. Seek medical attention if excessive tearing, redness or pain persists.
- If the skin is exposed, remove all contaminated clothing. Wipe off excess material and wash exposed skin with soap and water. Seek medical attention if skin appears damaged or if irritation persists. Thoroughly clean contaminated clothing before reuse. Discard contaminated leather goods.
- If ingested, do not induce vomiting or give anything to drink unless directed to by a physician. Never give anything by mouth to a person who is not fully conscious. Seek medical attention immediately.
- If inhaled, move the affected individual to fresh air. If the affected individual is not breathing, immediately begin rescue breathing. If breathing is difficult, 100% humidified oxygen should be administered by a qualified individual. Seek medical attention immediately and keep the affected individual warm and at rest.
- If ignited, use dry chemical, foam, carbon dioxide or water fog to extinguish.

WARNING! Do not modify the handbrake lever or attempt to replace the hydraulic fluid. If damage occurs, follow the safety information in this section and contact your authorized provider for handbrake replacement. The hydraulic handbrake should only be serviced or replaced by your authorized provider.



WARNING! The handbrake contains hydraulic fluid that can cause mild skin, eye and nasal/ bronchial irritation. Do not attempt to adjust or service the handbrake without proper protective equipment such as safety goggles and gloves, and wash hands after handling.

WARNING! Prior to riding your scooter, especially after storage, squeeze the handbrake lever fully five to seven (5-7) times to confirm proper function of the handbrake. If the handbrake lever does not function as expected, DO NOT use your scooter. Please contact your authorized provider to have the handbrake lever adjusted. Using the scooter without a properly functioning handbrake may cause personal injury and/or property damage.

NOTICE: You must release the throttle control lever before squeezing the handbrake lever. Otherwise, your scooter may not come to a complete stop.

NOTICE: The handbrake lever may require periodic adjustment to maintain proper operation. Adjustment should only be performed by your authorized provider or other qualified technician. Contact your authorized provider for more information.

NOTICE: Handbrake effectiveness, which is how quickly the squeezing of the handbrake lever will bring your scooter to a stop, can be modified by tightening or loosening the setscrew located on the handbrake lever.

NOTICE: If your handbrake is equipped with a lock function, you can activate the brake lock function by squeezing the handbrake lever and rotating or pushing the lock lever to engage the lock. To release the handbrake lock, fully squeeze the handbrake lever. Refer to the owner's manual provided with your scooter for more information.

NOTICE: If your handbrake contains hydraulic fluid, do not attempt to modify or replace the handbrake lever or the hydraulic fluid.

#### **Cornering Information**

Excessively high cornering speeds can still 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.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.



WARNING! When cornering sharply, reduce your speed and maintain a stable center of gravity. Avoid shifting your weight in the opposite direction of the turn, which may cause the scooter to lose traction and tip over.

# Outdoor Operation, Public Streets and Roadways, Parking Lots, Intersections, Motor Vehicles and Pedestrians

Your scooter is a sophisticated motorized vehicle. As with any type of vehicle, it is the responsibility of the user to contribute to his/her own safety by adhering to applicable state and local traffic laws, as well as those laws set forth specifically for operation of personal mobility devices. In addition, scooter users should be courteous to fellow pedestrians and follow basic safety rules when traveling in high-risk areas such as busy intersections, on sidewalks, and in parking lots.

- Avoid operating your scooter on public streets and roadways intended for automotive traffic, such as cars, trucks, and buses. Your scooter is rated for outdoor use on bicycle paths and other similar roadways intended for low-speed personal mobility devices. Refer to the code of practice for personal mobility vehicles in your region for more information.
- Obey all pedestrian traffic signals and signs.
- Remain visible to all traffic by use of safety equipment such as reflectors, lights, and safety flags.
- Reduce your speed and give an audible signal before passing fellow pedestrians on sidewalks.
- Drive on the shoulder of the road or as close as possible to the curb when an adequate sidewalk does not exist.
- Stop and search for any on-coming traffic before crossing a roadway or intersection.
- Stay alert for vehicles entering/exiting parking spaces when navigating through parking lots.

WARNING! In most states, scooters are not legal for use on public roads. Even where legally permitted, you should avoid the risk of collision by not operating your scooter on public streets and roadways which are intended for cars, trucks, motorcycles and other large and fast- moving motor vehicles to avoid any risk of severe injury or death.

WARNING! You should not operate your scooter on public streets and roadways intended for cars, trucks, and other large automotive vehicles. 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. We strongly recommend the use of safety equipment such as reflectors/ reflective clothing, lights, and safety flags. Contact your authorized provider for information on the availability of these safety accessories.



WARNING! The tires on your scooter are not rated for highway use. NEVER use the tires from your scooter on a motor vehicle or on equipment used for another purpose, including but not limited to, towing applications or on public highways. Unintended use of the tires may result in personal injury, property injury, or death.

WARNING! Exercise extreme caution when operating the scooter on footpaths, pavements, bridleways, pedestrian areas and roads. Obey all local pedestrian traffic rules.

WARNING! When travelling in a parking lot or crossing any street or roadway, obey all pedestrian traffic control devices, signs and directives and be alert to nearby motor vehicle traffic. Wait until your pathway is clear and proceed with extreme caution to avoid any risk of severe injury or death.

# Visibility - Can You See Ahead and Can Others See You?



WARNING! At nighttime, and in other low light or low visibility settings, it may be difficult for you to see the path ahead or your surroundings to avoid dangerous surfaces or collision with obstacles, vehicles, or pedestrians. Never proceed when you are unable to clearly see around you and the pathway ahead. Use of additional lights or lighting accessories may enhance your ability to see around you and ahead. Failure to use these safety features may result in severe injury, property damage, or death. Contact your authorized provider for information on the availability of lighting accessories.

WARNING! Be aware that even if you can clearly see around you and the pathway ahead, it may be difficult for motor vehicle operators to notice you when you are seated in your scooter. Use of accessories such as reflectors, reflective clothing, lights, and/or safety flags may make you more noticeable to others, particularly at nighttime and in other low light or low visibility settings. Failure to use these safety features may result in severe injury, property damage, or death. Contact your authorized provider for information on the availability of these accessories.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

# Stationary Obstacles (Steps, Curbs, etc.)

Proceed with extreme caution when driving near raised surfaces, unprotected ledges and/or drop-offs (curbs, porches, stairs, etc.). Refer to the scooter specifications for information regarding maximum obstacle climbing height for your scooter.

#### To navigate up over a curb or stationary obstacle:

- 1. Approach the curb or obstacle slowly, and make sure the scooter is traveling perpendicular to the obstacle. See figure 6.
- 2. Increase the forward speed just before the front wheels come in contact with the obstacle.
- 3. Reduce the forward speed only after the rear wheels have cleared the obstacle.

#### To navigate down a curb or stationary obstacle:

- 1. Approach the curb or obstacle slowly, and make sure the scooter is traveling perpendicular to the obstacle. **See figure 6.**
- 2. Reduce the forward speed just before the front wheels come in contact with the obstacle.
- 3. Increase the forward speed only after the rear wheels have cleared the obstacle and you are once again on a level surface.

WARNING! Even though your scooter may be capable of handling greater obstacles, We recommend that you do not attempt to negotiate a curb that has a height greater than 2 in. (5 cm). Doing so could cause instability in your scooter.



WARNING! Do not attempt to have your scooter climb or descend an obstacle that is inordinately high unless you have the assistance of an attendant.



WARNING! Do not attempt to have your scooter proceed backward down any step, curb, or other obstacle. This may cause the scooter to tip.

WARNING! Do not approach curbs at an angle; instead approach any curb you intend to ascend or descend in the forward position.





Figure 7. Incorrect Curb Approach

#### **Outdoor Driving Surfaces**

Your scooter is designed to provide optimum stability under normal driving conditions—dry, level surfaces composed of concrete, blacktop, or asphalt. However, we recognize 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 and grass. Feel free to use your scooter safely on lawns and in park areas.

WARNING! Avoid driving on uneven terrain and/or soft surfaces.



WARNING! Avoid tall grass that can entangle the running gear.

WARNING! Avoid loosely packed gravel, sand, or uneven terrain.

WARNING! Do not use your scooter on or near railroad tracks or crossings.



WARNING! Do not use your scooter in fresh or salt water.

WARNING! Do not use your scooter at the edge of a stream, lake, or ocean.

WARNING! If you feel unsure about a driving surface, avoid that surface.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

# NOTICE: If at any time you feel uncomfortable with the way your scooter handles on a particular driving surface, contact your authorized provider. Your provider may be able to adjust the performance parameters of your controller program to allow a more comfortable ride.



WARNING! Only the scooter manufacturer, an authorized representative of the manufacturer, or a trained service technician should program the controller.

### **Inclement Weather Precautions**

Even though your scooter has passed the necessary testing requirements for such use, exposure of your scooter to inclement weather conditions should be avoided whenever possible. If suddenly caught up in rain, snow, severe cold or heat while operating your scooter, proceed to shelter at the earliest opportunity. Thoroughly dry your scooter before storing, charging, or operating your scooter.



WARNING! Operating in rain, snow, salt, mist/spray conditions, and on icy/slippery surfaces can have an adverse effect on the electrical system and may damage the upholstery or cause the scooter frame to prematurely rust. Maintain and store your scooter in a dry and clean condition.

WARNING! Prolonged exposure to hot or cold conditions may affect the temperature of upholstered and nonupholstered items on the scooter, possibly resulting in skin irritation. Exercise caution when using your scooter in extremely hot or cold conditions or when exposing your scooter to direct sunlight for prolonged periods of time.

# Ingress of Liquids



WARNING! Even though the scooter 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 have them replaced as necessary.

WARNING! Never take your scooter into a shower, tub, pool, or sauna. Do not operate your scooter in fresh or salt water, including lakes, streams, or oceans.

#### **Stairs and Escalators**

Scooters are not designed to travel up or down stairs or escalators. Always use an elevator.



WARNING! Never use your scooter to negotiate stairs or escalators.

WARNING! Use extreme caution when it is necessary to move an unoccupied scooter up or down stairs. We recommend that two attendants perform this task, and that the seat, batteries, and any accessories be removed before attempting the transfer. Use proper lifting techniques and use only solid, non-removable frame components to lift the scooter.

# Elevators

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

- If you are in the doorway of an elevator when the door(s) begin to close, push on the rubber door edge or allow the rubber door edge to contact the scooter and the door will reopen.
- Use care that pocketbooks, packages, or scooter accessories do not become caught in elevator doors.

# NOTICE: If your scooter's turning radius is greater than 60 in. (152 cm), it may be difficult to maneuver in elevators and building entrances. Use caution when attempting to turn or maneuver your scooter in small spaces and avoid areas that might pose a problem.

#### Doors

- Determine if the door opens toward or away from you.
- Drive your scooter gently and slowly forward to push the door open, or drive your scooter gently and slowly backward to pull the door open.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

#### Lift Systems/Elevation Products

If you will be transporting your scooter during travel, you may find it necessary to use a vehicle-mounted lift system or elevation product to aid in transportation. We recommend that you closely review the instructions, specifications, and safety information set forth by the manufacturer of the lift/elevation product before using that product.

WARNING! Not all lift systems/elevation products are rated for use with an occupied mobility device. We recommend that you do not remain seated in your scooter when it is being used in connection with any type of lift system/elevation product unless:

- That product is rated for occupied use by the manufacturer.
- You are able to occupy your mobility device in strict conformity with the warnings, instructions, specifications, and safety guidelines set forth by the manufacturer.



WARNING! Always turn off the power to the scooter when you are being transferred via an elevation product. Failure to do so may result in accidental throttle control lever contact, resulting in unintended movement and personal injury or product damage.

WARNING! Always make sure the scooter is in drive mode when you are being transferred via an elevation product. If the scooter is left in freewheel mode, unintended movement, personal injury, and/or product damage could result.

#### **Unoccupied Motor Vehicle Transport**

Do not remain seated in your scooter while traveling in a motor vehicle. The scooter should be stowed in the trunk of a car or in the back of a truck or van with batteries removed and/or properly secured. In addition, all removable scooter parts, including the armrests, seat, and shrouds, should be removed and/or properly secured during motor vehicle transport.



WARNING! The scooter user should transfer into the motor vehicle seat and use the vehicle-installed restraint system if and whenever feasible. The scooter user should never sit on the scooter while it is in a moving vehicle.

WARNING! 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! Always be sure your scooter and its batteries are properly secured when it is being transported. Batteries should be secured in an upright position and protective caps should be installed on the battery terminals. Batteries should not be transported with any flammable or combustible items.

#### Seating

We provide an extensive variety of seating systems to fit the needs of the individual user. Please be aware that the final selection regarding the type of seating system 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.).

WARNING! If the weight capacity of the seating system and the scooter differ, always adhere to the lesser weight capacity.



WARNING! Should the fittings on your seating system become loose, report the problem immediately to your authorized provider. Check any actuators for loose, worn, or damaged items and have any damaged wires replaced immediately.

WARNING! If your scooter is equipped with power seating, check the immediate area to ensure nothing is trapped in the mechanism before operating the recline or lift features. Always check to make sure children and pets are clear of the moving parts of the seating system. Do not store items under the seat that may interfere with operation of the mechanism. Keep area clear prior to and during movement.

WARNING! Do not recline the seat while driving or while on an incline or decline. This could cause the scooter to tip over rearwards, resulting in personal injury and product damage.

WARNING! Do not remove the seat cushion supplied with the scooter. Do not place additional cushions, padding, or pillows on the seat cushion. This could cause an unstable position, resulting in a fall from the scooter.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

# **Positioning Belts**

Your authorized provider, therapist(s), and other healthcare professionals are responsible for determining your requirement for a positioning belt in order to operate your scooter safely. Typically, the positioning belt is not designed for use as a restraining device in a motor vehicle. You should be properly belted into seats approved by the vehicle manufacturer with your scooter properly stowed for vehicle transport.

Positioning belts should be installed as detailed in "Comfort Adjustments" of the scooter owner's manual. Once installed, the belt should be placed across the pelvis as determined by the user's healthcare professional.



WARNING! If you require a positioning belt to safely operate your scooter, make sure it is fastened securely across the pelvis during scooter operation. This will reduce the possibility of a fall from the scooter and will ensure that the positioning belt cannot get caught in the wheels while driving.



WARNING! The positioning belt is not designed for use as a seat belt in a motor vehicle. Anyone traveling in a vehicle should be properly belted into seats approved by the vehicle manufacturer. Your scooter is not suitable for use as a seat in any vehicle.

 $\triangle$ 

WARNING! The positioning belt should be secured at all times. Never allow the positioning belt to hang or drag on the floor as it may become entangled. DO NOT buckle the positioning belt behind the scooter. Failure to heed this may result in personal injury and/or property damage.

WARNING! Make sure the positioning belt is properly secured to the scooter and is adjusted for operator comfort before each use.

WARNING! Inspect the positioning belt for loose parts or damage, including tears, worn spots, bent hardware, or damaged latch mechanisms, before each use of the scooter. If you discover a problem, contact your authorized provider for maintenance and repair.

# **User Positioning**

We recommend that all users be seated in an upright position with their pelvis positioned as far backward as possible in the scooter seat. All users need to discuss pelvic positioning with their authorized scooter provider, therapist(s), or healthcare professional to determine appropriate pelvic position when seated on the scooter based on their individual medical needs.

# Batteries and Charging: Sealed Lead Acid (SLA) (AGM/Gel-Cell/Hybrid Gel)

In addition to following the warnings below, be sure to comply with all other battery handling information provided in "Batteries and Charging" of the scooter owner's manual.

# NOTE: A Hybrid Gel battery is defined as Nano Silica Gel Electrolyte with High Quality Glass Mat Separators.



WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wear goggles and gloves when handling and wash hands after handling.

WARNING! Always use batteries of the exact same manufacturer type, chemistry, amp-hour (Ah) capacity, and age based upon usage. Refer to the specifications provided with the scooter and in the manual supplied with the battery charger for recommended type and capacities.

WARNING! Only spill-proof sealed batteries, such as "gelled electrolyte," that meet DOT CFR 173.159 should be used in the scooter. Replacement batteries should be obtained directly from an authorized provider to ensure conformity, fit, and function.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

WARNING! Scooter batteries are heavy. Refer to the specifications provided with the scooter for specific battery weights. Anyone lifting scooter batteries should use proper lifting techniques and avoid lifting beyond his/her capacity.

WARNING! Do not lift the batteries by the electrical cables. Always lift the batteries using the straps provided by the battery manufacturer or by grasping the battery itself.

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

WARNING! Battery harnesses must be connected in the proper manner. RED (+) cables must be connected to positive (+) battery terminals/posts. BLACK (-) cables must be connected to negative (-) battery terminals/ posts. Protective caps should be installed over all battery terminals. REPLACE cables immediately if damaged, making sure to follow the battery terminal orientation depicted on the battery wiring diagram located in the product owner's manual and on the scooter.

WARNING! Do not remove the fuse links from the battery harnesses. If the fuse links appear damaged, contact your authorized provider for service.

WARNING! Do not attempt to charge the batteries by connecting cables directly to the battery terminals. Do not attempt to charge the batteries while operating the scooter.

WARNING! Do not mix old and new batteries. Always replace all batteries at the same time.

WARNING! Always operate charger in a well-ventilated area as it is essential for proper cooling. Ensure vent holes are clear of blockages before use and always place the charger on a hard, flat surface during charging. Before each use, ensure the charger is not covered with any items such as blankets or articles of clothing. Do not place the charger in enclosed areas such as pouches or bags. Failure to allow for proper ventilation may result in damage to the charger.

WARNING! Be aware that the battery charger case may become hot during charging. Avoid skin contact and do not place the charger on surfaces that may be affected by heat including carpeting or clothing.

WARNING! If the battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots and keep the cooling slots free from objects.

WARNING! Contact your authorized provider if you have any questions regarding the batteries in your scooter.

#### **Batteries and Charging: Lithium-Ion**

In addition to following the warnings below, be sure to comply with all other battery handling information provided in "Batteries and Charging" of the scooter owner's manual.

WARNING! Airlines have strict guidelines for transporting lithium batteries onboard passenger airplanes. Check with airline prior to travel.

WARNING! Only use batteries authorized by your provider. Refer to the specifications provided with the scooter and in the manual supplied with the battery charger for recommended type and capacities.



WARNING! This battery has been tested, certified and complies with United Nations Transport Regulations standard UN38.3.



WARNING! Scooter batteries are heavy. Refer to the specifications provided with the scooter for specific battery weights. Anyone lifting scooter batteries should use proper lifting techniques and avoid lifting beyond his/her capacity.

WARNING! Always ensure that the Lithium-Ion battery charger supplied with your scooter is used to recharge your battery. Using a different or non-Lithium charger may result in diminished scooter performance, including diminished range per charge. Failure to heed this warning may result in product damage, personal injury, or death.

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





The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

WARNING! Battery harnesses must be connected in the proper manner. RED (+) cables must be connected to positive (+) battery terminals/posts. BLACK (-) cables must be connected to negative (-) battery terminals/ posts. Protective caps should be installed over all battery terminals. REPLACE cables immediately if damaged, making sure to follow the battery terminal orientation depicted on the battery wiring diagram located in the product owner's manual and on the scooter.

WARNING! Do not remove the fuse links from the battery harnesses. If the fuse links appear damaged, contact your authorized provider for service.

WARNING! Do not attempt to charge the batteries by connecting cables directly to the battery terminals. Do not attempt to charge the batteries while operating the scooter.

WARNING! If your scooter is equipped with more than one battery, do not mix old and new batteries. Always replace all batteries at the same time.

WARNING! Always operate charger in a well-ventilated area as it is essential for proper cooling. Ensure vent holes are clear of blockages before use and always place the charger on a hard, flat surface during charging. Before each use, ensure the charger is not covered with any items such as blankets or articles of clothing. Do not place the charger in enclosed areas such as pouches or bags. Failure to allow for proper ventilation may result in damage to the charger.

WARNING! Check battery and battery box for signs of damage. If any battery or battery box appears damaged, contact your authorized provider immediately.

WARNING! Be aware that the battery charger case may become hot during charging. Avoid skin contact and do not place the charger on surfaces that may be affected by heat including carpeting or clothing.

WARNING! If the battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots and keep the cooling slots free from objects.

WARNING! Do not charge in direct sunlight or near heat sources.

WARNING! Contact your authorized provider if you have any questions regarding the batteries in your scooter.

#### **Battery Recycling and Disposal**

If you encounter a damaged or cracked battery, immediately enclose it in a plastic bag. Never install a battery with a cracked or damaged case. Wear safety goggles and gloves in order to avoid contact with skin and eyes. Contact your local waste disposal agency or your authorized provider for instructions on proper battery disposal and recycling.

# NOTE: This statement applies to Sealed Lead Acid (SLA) (AGM/Gel-Cell) only: If you discover battery acid on or around either battery, apply baking soda to the affected areas to neutralize the acid. Before reinstalling new batteries, clean the baking soda from the affected areas.



WARNING! If you notice smoke or a smell emitting from the battery box, immediately move the battery box or your entire mobility product to a well-ventilated area. Failure to heed may result in personal injury and/or property damage.

#### **Removable Parts**



WARNING! Do not attempt to lift or move your scooter or seating system by grasping or holding onto any of its removable parts, including the armrest(s), seat cushions, seatback, or shrouds. Grasp only solid, non-removable frame components to lift or move your scooter or seating system.

#### Preventing Unintended Movement



WARNING! If you anticipate being seated in a stationary position for an extended period of time, turn off the power to the scooter. This will prevent unexpected motion from inadvertent throttle control lever contact. This will also eliminate the possibility of unintended scooter movement from electromagnetic (EM) sources.

WARNING! Avoid using long or dangling key chains, key fobs, or key rings with dangling accessories that may interfere with the operation of the throttle control lever, resulting in unintended or uncontrolled movement of the scooter.





The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

# **Reaching and Bending**

Never reach, lean, or bend while driving your scooter. Bending forward creates the risk of accidental throttle control lever contact. Bending to the side while seated creates the risk of tipping. If it is absolutely necessary to reach, lean, or bend while seated on your scooter, it is important to maintain a stable center of gravity and keep the scooter from tipping. Make sure the wheels are pointed in the forward position to create the longest possible wheelbase. We recommend that the scooter user determine his/her personal limitations and practice bending and reaching in the presence of a qualified healthcare professional. **See figures 8 and 9**.

WARNING! Do not bend, lean, or reach for objects if you have to pick them up from the scooter deck by reaching down between your knees, if you have to lean from either side of the scooter, or if you have to reach over the back of the seat. Movements such as these may change your center of gravity and the weight distribution of the scooter. This may cause your scooter to tip.



WARNING! Keep your hands, feet, clothing, and all other objects away from all tires/wheels when driving. Do not allow any personal belongings or objects to drag behind the scooter when driving. Be aware that loose fitting clothing or other objects can become caught in tires/wheels and/or they may become entangled in the running gear. Failure to heed this may result in personal injury and/or property damage.

WARNING! Possible strangulation hazard! Be aware that clothing, lanyards, necklaces, other jewelry, purses, and other accessories worn or carried by you while you are seated on or operating the scooter may get caught around the armrests or throttle control lever. Be careful to avoid this potential danger.

WARNING! Do not allow objects or accessories to protrude from your scooter when driving. Be aware protruding objects can become caught on items surrounding the scooter's path.

WARNING! Ensure that all oxygen or air tubing is correctly routed and secured so that the tubing does not become entangled, kinked, or severed.





#### Transfers

Transferring onto and off of your scooter requires a good sense of balance. Always have an attendant or healthcare professional present while learning to properly transfer.

To eliminate the possibility of injury, we recommend that you or a trained attendant perform the following tasks before attempting a transfer:

- Remove the key from the key switch.
- Ensure your scooter is not in freewheel mode. See "Your Scooter" in the scooter owner's manual.
- Make sure both armrests are flipped up or removed from your scooter.
- Make sure the seat is fixed securely in place.



Figure 9. Improper Reaching and Bending



Figure 10. Recommended Transfer Position



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

WARNING! Before transferring, remove the key from the key switch to prevent unintended movement.



WARNING! Before transferring, position yourself as far back as possible in the scooter seat to prevent the scooter from tipping forward during transfer.

WARNING! Avoid putting all of your weight on the scooter armrests and do not use the armrests for weight bearing purposes, such as transfers. Such use may cause the scooter to tip, resulting in a fall from the scooter and personal injury.

WARNING! Avoid putting all of your weight on the scooter deck. Such use may cause the scooter to tip.

#### **Physical Limitations**

Users and attendants must exercise care and common sense when operating a scooter. This includes awareness of safety issues that arise because of particular physical limitations of the scooter user or attendant.



WARNING! Do not operate your scooter if your physical limitation impairs your ability to operate the scooter safely. Examples include, but are not limited to, a lack of awareness of surroundings or lack of capacity to think clearly; impaired vision or hearing; or impaired dexterity of upper extremities that limits the capacity to use controls or steer. Operating this scooter while impaired by certain physical limitations may result in erratic steering, acceleration, braking, instability, tipping, misdirection, and/or collision with persons or objects. Any of these circumstances can result in serious personal injury or death.

#### **Drugs/Medications**

Users and attendants must exercise care and common sense when operating a scooter. This includes awareness of safety issues that arise when taking prescribed or over-the-counter drugs/medications.



WARNING! Consult with your physician if you are taking prescribed or over-the-counter drugs/medications. Some drugs/medications may impair your ability to operate your scooter safely. Operating this scooter while impaired may result in erratic steering, acceleration, braking, instability, tipping, misdirection, and/or collision with persons or objects. Any of these circumstances can result in serious personal injury or death.

#### Alcohol and Other Intoxicants/Smoking

Users and attendants must exercise care and common sense when operating a scooter. This includes awareness of safety issues that arise after consuming alcohol and other intoxicants, including marijuana and various forms of narcotics.



WARNING! Do not operate your scooter while you are under the influence of alcohol or other intoxicants, including marijuana and other forms of narcotics, which may impair your ability to operate your scooter safely. Operating this scooter while impaired may result in erratic steering, acceleration, braking, instability, tipping, misdirection, and/or collision with persons or objects. Any of these circumstances can result in serious personal injury or death.

#### Smoking

Users and attendants must exercise care and common sense when operating a scooter. This includes awareness of safety issues that arise from smoking which may impair your ability to operate your scooter in a safe manner.



WARNING! Do not operate your scooter while smoking. Smoking may impair your ability to operate your scooter safely or cause a fire. Operating a scooter while smoking can distract the user or attendant from safely operating the scooter and can interfere with properly operating the scooter's controls which may result in erratic steering, acceleration, braking, instability, tipping, misdirection, and/or collision with persons or objects. Any of these circumstances may result in serious personal injury or death. Smoking while operating the scooter can also result in physical burns and/or scooter/property damage and can ignite a fire that can result in serious personal injury or death.

WARNING! We strongly recommend that you do not smoke cigarettes while seated in your scooter, even though the scooter has passed the necessary testing requirements for exposure to cigarette smoking. You must adhere to the following safety guidelines if you decide to smoke cigarettes while seated in your scooter.

- Do not leave lit cigarettes unattended.
- Keep ashtrays a safe distance from the seat cushions.
- Always make sure cigarettes are completely extinguished before disposal.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

#### **Flammability Precautions**

WARNING! Even though the plastics and seat used on your scooter have been tested and have passed flammability standards, we recommend that you do not expose your scooter to open flames.



WARNING! Exercise extreme caution when using oxygen in close proximity to electrical circuits and combustible materials. Contact your oxygen provider for information on using oxygen safely.

WARNING! Replace worn or damaged upholstery immediately to reduce the risk of fire hazard.

WARNING! Be aware that washing of upholstered items may reduce the resistance to flammability of the fabric.

#### Hazardous Environments



WARNING! Due to the electrical make-up of our products, we do not recommend use of our scooters in Class I Division I industrial or commercial environments where the work area could have a combustible air composition. In such an environment, it is possible for the scooter to become an ignition source for a fire or explosion.

#### **Sports and Athletics**

The scooter user must exercise care and common sense when operating his/her scooter. This includes awareness of safety issues while participating in sports and athletics. All sports activities run the risk of injury. We recommend that your scooter be equipped with a positioning belt and that you use sports safety equipment such as helmets and padding if you choose to participate in sports activities.

In addition, it is your responsibility to inform your authorized provider if you will be participating in sports and athletics. Your scooter may not be set up properly for sports activities in terms of both seat configuration and controller program. If you participate in sports activities of any kind, make sure your authorized provider has monitored your use of the scooter in this activity. This will aid your provider in configuring the scooter to suit your specific needs safely and comfortably. After any adjustments have been made, your provider should once again monitor your use of the scooter in this activity to ensure that you are comfortable with the new settings.



WARNING! Participating in sports and athletics is done at the user's own risk. The scooter user is responsible for using proper safety equipment and for ensuring that his/her authorized provider has properly configured the scooter for such use. We will not be held liable for personal injury and/or product damage resulting from use of the scooter in any sports-related activity.

#### Electromagnetic and Radio Frequency Interference (EMI/RFI)



WARNING! Laboratory tests have shown that electromagnetic and radio frequency waves can have an adverse effect on the performance of electrically-powered mobility vehicles.

Electromagnetic and Radio Frequency Interference can come from sources such as cellular phones, mobile two-way radios (such as walkie-talkies), radio stations, TV stations, amateur radio (HAM) transmitters, wireless computer links, microwave signals, paging transmitters, and medium-range mobile transceivers used by emergency vehicles. In some cases, these waves can cause unintended movement or damage to the control system. Every electrically-powered mobility vehicle has an immunity (or resistance) to EMI. The higher the immunity level, the greater the protection against EMI. This product has been tested and has passed at an immunity level of 20 V/m.



WARNING! Be aware that cell phones, two-way radios, laptops, electricity generators or high power sources, and other types of radio transmitters may cause unintended movement of your electrically-powered mobility vehicle due to EMI. Do not turn ON hand-held personal communication devices, such as citizens band (CB) radios and cellular phones, while the scooter is turned on. Be aware of nearby transmitters, such as radio or TV stations, and avoid coming into close proximity to them.



WARNING! The addition of accessories or components to the electrically-powered mobility vehicle can increase the susceptibility of the vehicle to EMI. Do not modify your scooter in any way not authorized by the scooter manufactuer.

WARNING! The electrically-powered mobility vehicle itself can disturb the performance of other electrical devices located nearby, such as alarm systems.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions.

# NOTICE: For further information on EMI/RFI, contact your authorized provider. If unintended motion or brake release occurs, turn your scooter off as soon as it is safe to do so. Contact your authorized provider to report the incident.

#### **Questions & Answers about Proposition 65**

#### What is Proposition 65?

Proposition 65 requires businesses to provide warnings to Californians about significant exposures to chemicals that cause cancer, birth defects, or other reproductive harm. These chemicals can be in the products that Californians purchase, in their homes or workplaces, or that are released into the environment. By requiring that this information be provided, Proposition 65 enables Californians to make informed decisions about their exposures to these chemicals.

Proposition 65 also prohibits California businesses from knowingly discharging significant amounts of listed chemicals into sources of drinking water. Proposition 65 requires California to publish a list of chemicals known to cause cancer, birth defects, or other reproductive harm. This list, which must be updated at least once a year, has grown to include approximately 900 chemicals since it was first published in 1987.

#### What types of chemicals are in the Proposition 65 list?

The list contains a wide range of naturally occurring and synthetic chemicals that include additives or ingredients in pesticides, common household products, food, drugs, dyes, or solvents. Listed chemicals may also be used in manufacturing and construction, or they may be byproducts of chemical processes, such as motor vehicle exhaust.

#### What does a warning mean?

If a warning is placed on a product label or posted or distributed at a workplace, a business, or in rental housing, the business issuing the warning is aware or believes that it is exposing individuals to one or more listed chemicals.

By law, a warning must be given for listed chemicals unless the exposure is low enough to pose no significant risk of cancer or is significantly below levels observed to cause birth defects or other reproductive harm.

#### Where can I get more information on Proposition 65?

If you have specific questions on the administration or implementation of Proposition 65, you can contact OEHHA's Proposition 65 program at P65.Questions@oehha.ca.gov, or by phone at (916) 445-6900.

# **USER SAFETY NOTICE**

Your safety is important to us. If there is any information in this manual which you do not understand, or if you require additional assistance for setup or operation, please contact your authorized provider. Failure to follow the instructions, warnings, and notes in this manual and those located on your product can result in personal injury or product damage and will void the product warranty.



The hazard identification surround shape is represented as a black symbol on a yellow triangle with a black border. It is used to indicate a potentially hazardous condition/situation that could result in personal injury, component damage, or malfunction. Follow all recommended mandatory and prohibited actions to avoid or prevent potentially hazardous conditions/situations.

