



*Colours may vary*

# Electric Scooter

## User Manual

[Revision 6.0 June 2019]

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READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

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*Please note that there must be forward momentum for the motor to activate.*

# Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You **CAN** be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You **CAN** be INJURED if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment, or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

## General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

## General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol or medication.
- This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities.

## General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start or run the engine until all leaks are fixed.

## General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors and vents.

## General Equipment Use and Care

- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety	General Electrical Safety	General Service Information
<ul style="list-style-type: none"> <li>Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.</li> <li>Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.</li> <li>When wiring electrically powered equipment, follow all electrical and safety codes.</li> <li>Wherever possible, use a residual current device (RCD).</li> <li>High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</li> </ul>	<ul style="list-style-type: none"> <li>Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.</li> <li>Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.</li> <li>Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.</li> <li>Do NOT use electrical equipment in wet conditions or in damp locations.</li> <li>Do NOT use electrical cords to lift, move or carry equipment.</li> <li>Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.</li> </ul>	<ul style="list-style-type: none"> <li>The equipment must be serviced or repaired at authorised service centres by qualified personnel only.</li> <li>Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.</li> <li>Do NOT attempt any maintenance or repair work not described in this manual.</li> <li>After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before making adjustments, changing accessories or performing repair or maintenance.</li> <li>Do NOT make adjustments while the equipment is running.</li> <li>Perform service related activities in suitable conditions, such as a workshop.</li> <li>Replace worn, damaged or missing warning/safety labels immediately.</li> </ul>

#### Battery Maintenance and Charging Instructions

- You MUST charge completely prior to initial use.
- Charge immediately after each use.
- Charge before storage. You must charge every 30 days if not in use.
- Charge the unit for 6-8 hours or until the light on the charger turns red& green.
- DO NOT allow this unit to deep discharge the battery.
- For safety purposes, DO NOT charge for over 24 hours.
- Turn the unit OFF when not in use.
- In the use of electric skateboards user should check handlebar, saddles, saddle tube and wheel fastener whether tighten, folding institutions locking structure whether lock, should pay attention to the safety of saddle tube; Should check whether the brake effectively.

#### Electric Scooter Safety

- THIS PRODUCT IS NOT INTENDED FOR EXTREME or OFF-ROAD USE!** Please take proper care of your electric scooter!
- DO NOT JUMP or ABUSE THIS PRODUCT!**
- DO NOT RIDE IN WET/ICY CONDITIONS!**
- Failure to follow these instructions will **VOID YOUR WARRANTY!**
- This product does not conform to Federal Motor Vehicle Standards and is not intended for operation on public streets, roads or highways. Serious injury can result from the unsafe operations of this product. Operator can minimize these risks by using certain safety equipment such as: safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.
- DO NOT operate in traffic, on wet, frozen, oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.
- DO NOT use a water hose to clean this product. See Product Handbook for more information.
- This product is recommended for riders 13 YEARS OF AGE and older.
- Persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities should not use this product.
- Minors without adult supervision should not use this product.
- Persons unwilling or unable to take responsibility for their own actions should not use this product.
- The user of this product assumes ALL risks associated with its associated with its use. To minimize these RISKS, the user must wear safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.
- This product is **ELECTRIC!** DO NOT ride this product in wet conditions, puddles or rainy weather.
- The recommended minimum age for riding this scooter is 13 years old.
- To avoid damage to the motor and footplate, do not overload the scooter.
- Never ride with more than one person.
- Inspect your scooter thoroughly before each use for loose or missing parts.
- Avoid unintentional starts by turning the scooter off while not in use.
- To avoid the risk of a short circuit in the electrical parts, do not use your Electric scooter in the rain and never spray or wash off your scooter with water.























## Electric Scooter

- Do not place the battery near fire or heat.
- To avoid damage to the battery, do not use the charger if it has been damaged in any way.
- Keep hands, face, feet and hair away from all moving parts.
- Do not touch the motor or wheels while they are rotating.
- Brakes are designed to control speed as well as stop the scooter. Practice braking for proper slowing down and smooth stops.
- Maintain your SCOOTER as recommended in this Product Handbook.
- Use only quality replacement parts as recommended by the manufacturer.
- Inspect the entire scooter prior to each use. Replace any part that is cracked, chipped or damaged before use.
- **NEVER ALLOW CHILDREN TO OPERATE THE SCOOTER WITHOUT ADULT SUPERVISION.**
- **NEVER ATTEMPT TO OPERATE THE SCOOTER WHILE UNDER THE INFLUENCE OF ALCOHOL.**
- If a situation arises that is not covered in the manual, proceed with caution and use good judgment.

## Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc, replace them.

 <p><b>Flammable Material Hazard</b> Flammable liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p><b>Read User Manual</b> Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p><b>Use Hand Protection</b> Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p><b>Electrocution / Electrical Shock Hazard</b> High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p><b>Toxic Fumes / Dust Hazard</b> Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p><b>Explosive Material Hazard</b> Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p><b>Cutting / Amputation Hazard</b> The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p><b>Crush Hazard</b> The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Single Operator Only</b> The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p><b>Use Face Protection</b> Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p><b>Use Foot Protection</b> Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p><b>Use Eye / Ear / Head Protection</b> Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing and head hazards.</p>	 <p><b>Running Hazard</b> Do not run on or near the product as doing so may present a fall hazard.</p>	 <p><b>Diving Hazard</b> Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p><b>Adult Supervision Required</b> Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p><b>Skin Penetration / Puncture Hazard</b> The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p><b>Hot Surface Hazard</b> Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p><b>Flying Debris Hazard</b> Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p><b>Moving Parts Hazard</b> Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p><b>Pull Hazard</b> Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Slope / Fall Injury Hazard</b> Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p><b>"Slam Dunk" Warning</b> Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p><b>Electrocution / Electrical Shock Hazard - Outdoor</b> High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp or wet conditions. Electrical shock can be fatal.</p>	 <p><b>Electrocution / Electrical Shock Hazard - Disconnect</b> High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p><b>Power Line Electrocution Hazard</b> High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p><b>"Kick-Back" Hazard</b> High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p><b>Winch Operator Position Hazard</b> Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p><b>Winch Lift Hazard</b> Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p><b>Cable Hazard</b> Ensure that load bearing cable is not kinked or knotted.</p>	 <p><b>Winch Cable Hazard</b> Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p><b>Winch Hook Hazard</b> Carry hook to load – do NOT throw or run.</p>	 <p><b>Flash / Blinding Hazard</b> Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p><b>Laser Hazard</b> Laser may be in use – do NOT look directly at laser, or allow others to.</p>	



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## Parts Identification

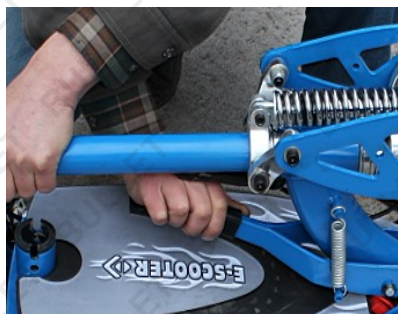


No.	Name
1	Variable speed throttle
2	Front wheel hand brake
3	Rear wheel hand brake
4	Front shock absorber
5	10" aluminium wheels
6	Seat kit (included)
7	Motor
8	Rear brake
9	Rear shock absorber



## Assembly and Set-Up

1. Carefully remove the scooter from the box. Then install the wheels.



2. To unfold the scooter, begin by pressing down on the Folding Handle with one hand while gently pulling up on the handlebars with the other hand.



3. Fully extend the handlebars to their upright position until you feel the mechanism lock into place.

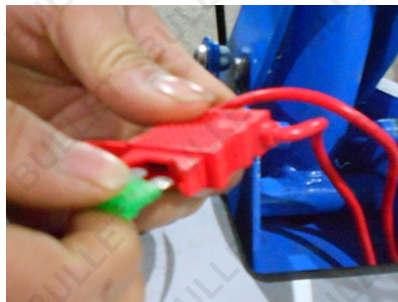


4. Attach the handlebars by inserting the silver handlebar clamp onto the handlebar post, stopping just below the top. Be sure to orient the bars in the correct riding position with the throttle on the rider's right side. Secure the handlebars to the post by tightening the bolts on the clamp with an Allen key (not included).

5. Secure the hand brakes in place by using an Allen key to first loosen the tension bolts. Adjust the levers to a comfortable position and tighten the bolts. **BE CAREFUL NOT TO PULL ON THE CABLES!**



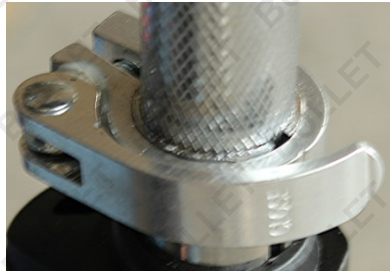
6. Insert the 25amp fuse by opening the footplate cover as shown. Insert the fuse into the fuse holder, then close the footplate cover.



7. Attach the seat post to the seat post receiver, and then attach the clamp to the top of the seat post. Pull the upper seat post to the desired position and tighten the clamp securely.



8. Attach the seat to the upper seat post and tighten the seat bolts as shown.



## Operation



**ATTENTION:** Monitor battery usage when in use, the scooter may suddenly slow down as the battery charge reduces.

## Charging the Battery

Your scooter comes charged out of the carton. We still recommend charging the unit for 6-8 hours prior to its first use. We also recommend charging your scooter after each use and prior to storage.



**WARNING:** Do not allow the electric scooter to go into deep discharge, as this will damage the batteries.

1. Make sure the scooter is turned OFF.
2. Open the charging socket cover located on the right side of the scooter frame, under the footplate.
3. Locate your Battery Charger. Find the charger socket and plug it into the scooter.
4. Next, plug the charger's AC into a wall outlet.



When first plugged in, the charger has one red light that will illuminate at the same time, indicating that the charging process has started. Once the light on the charger turns red & green, you may remove the charger and close the safety cap.

## Riding

1. Ensure that all exposed bolts and screws are securely tightened.
2. Raise the kickstand to its upright position.
3. Push the ON/OFF switch (located on the handlebar) to the ON position.
4. Put one foot on the deck of the scooter while pushing off with the other foot, gently rotate the throttle grip located on the right side of the handlebars. The scooter will begin to move on its own.

**NOTE:** Your scooter has a variable speed hand throttle. You can control the speed of your scooter by the amount of pressure you use when rotating the hand throttle. The more you rotate, the faster you will go.



## Stopping and Braking

To brake, release the throttle grip and depress the brake levers (on the left/right side of the handlebars). Depressing the brake will disengage power to the motor. When the unit feels like it is losing power or not accelerating to full speed, the scooter is ready to be re-charged.

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**NOTE:** If the ON/OFF switch is left in the ON position for more than 10-15 minutes without moving, Smart Power will shut itself OFF. To reset, turn the unit OFF, wait a few seconds and then switch it back ON again.

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## Folding and Storage

When you are done riding the scooter, you can fold it down for compact storage and transportation.

1. First remove the seat post and seat, then using one hand, push down on the folding handle while gently pushing down on the handlebars.

**BE CAREFUL NOT TO HIT YOUR HEAD WITH THE HANDLEBAR, SET YOURSELF AT THE RIGHT SIDE, IF NECESSARY.**

2. Push down until you feel the mechanism lock into a downward position.



## Braking System

The scooter uses a pinch braking system for the front, and a disc/calliper system for the rear. They are both activated by a hand brake lever on the left and right side of the handlebar. Squeezing the hand brake lever with your left hand activates the rear brake. Squeezing the hand brake lever with your right hand activates the front brakes. Your scooter is equipped with switches on each brake lever that will disengage power to the motor when the brake levers are depressed.

Practice braking on a smooth, dry surface to get used to the feel of the braking system. Braking distance is affected by wet conditions and loose, uneven riding surfaces.

## Adjusting the Brakes

The Brakes on the scooter should come fully adjusted from the factory. However, it may be necessary to adjust the brakes from time to time.

### To adjust the rear brakes:

- For brakes that are adjusted too loose:  
Adjust the tension screw on the right-hand brake lever by rotating it anti clockwise until the wheel spins freely.
- For brakes that are adjusted too tight:  
Tighten the tension screw on the right-hand brake lever by rotating it clockwise until the wheel has a slight drag.

### **To adjust the front brakes:**

- For brakes that are adjusted too loose:  
Adjust the tension screw on the left-hand brake lever by rotating it counter-clockwise until the wheel spins freely.



- For brakes that are adjusted too tight:  
Tighten the tension screw on the left-hand brake lever by rotating it clockwise until the wheel has a slight drag.



- For further front break Adjustment  
Locate the adjustment screw on the front brake assembly (located above the front wheel). Tighten or loosen as necessary.

## **Squeaky Brakes**

The brakes may squeak before they are broken in. This is normal and will not affect the function or performance of the brakes. With continued use, the squeak should go away.



## **Tyre Pressure**

The tyre must be inflated to a maximum of 50 PSI. It is also recommended to use a tube additive, available from any motorcycle shop, to avoid inconvenient punctures. Empty all air from the tyre, prior to loosening the bolt to split the rim.



# Lead-Acid Battery Care and Maintenance

## Top 3 Battery Care Requirements

1. **Charge battery before first use.** The battery may arrive with some charge, regardless of this the battery must be charged for 8 on the initial charge and 6-8 for each subsequent charge. 
2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing. 

To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- Inspect the terminals, screws, clamps and cables for breakage, damage or loose connections. These should be clean, tight and free of corrosion.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- Keep the battery clean, dry, free of dirt and grime. A dirty battery can discharge across the grime on top of the battery casing.
- Apply a thin coating of high temperature grease to posts and cable connections for added protection.
- Inspect the battery case for obvious signs of physical damage or warpage. This usually indicates the battery has been overheated or has been overcharged.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – protect the battery against heat; for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating or fire may result.



# Maintenance

To adjust and service the scooter, you will need the following tools:

- Allen Keys: 3/4/5/6 mm
- Wrenches: 10/13/13 mm Open end wrench
- Large Adjustable Crescent Wrench
- Philips Head Screwdrivers
- Oil, Grease or Lubricant

## Adjusting the Head Unit

The head unit will come adjusted from the factory. However, riding on rough terrain and general use may cause the head unit to become loose over time. It may be necessary to adjust the head unit from time to time.

### To adjust the head unit:

1. Rotate the handle bar as far right as it will go to expose the head unit.
2. Using a large adjustable wrench, gently turn the bearing lock clockwise to tighten. **DO NOT OVER-TIGHTEN OR IT WILL DAMAGE THE BEARINGS.**



## Adjusting the Chain

The chain will come adjusted from the factory. However, it may be necessary to adjust the chain from time to time. The chain must be well aligned onto the sprockets in order to avoid uneven wear. This will result in shortened chain life.

How tight should the chain be?

- If the chain is skipping or jumping on the sprockets, this is too loose and may be harmful.
- If the chain is making a humming sound when the wheel is turning, this is too tight and may cause the chain to snap.
- The correct tension is achieved by adjusting the chain from its loose position to when it becomes lightly tense.

### To tighten the chains:

1. Slightly loosen the two axle bolts on the both sides of the rear wheel. Then, slowly adjust the two adjusting screws on each side of the rear tyre until chain reaches the proper tension.
2. Rotate the rear wheel to make sure the chain is aligned.
3. Finally, lock and tighten the rear axle bolts prior to riding.



## Maintenance Schedule

Proper care of your scooter will ensure optimal performance and longer life span. The following are a few maintenance suggestions that will keep your scooter running in top condition.

### Daily Maintenance

Perform these each time you ride your scooter.

- Clean the exterior of the unit with a soft, damp rag (**DO NOT WASH DOWN WITH A HOSE**).
- Check that all nuts and bolts are securely tightened.
- Lubricate the chain with any silicone spray, 3&1 oil or any good, clean motor oil.
- Check battery charger for any frayed/cut wires.
- Check the power cords if they are cut or frayed, the motor gear if it is worn, and/or if there are any loose bolts.
- Check if there are any loose connectors or bolts.



# Troubleshooting

SYMPTOMS	POTENTIAL CAUSE	SOLUTION
The charger light turns green & red right away.	<ul style="list-style-type: none"> <li>This indicates the batteries are adequately charged.</li> <li>Bad Fuse or open connection between charger socket and batteries.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to charge the batteries for 6-8 hours prior to initial use.</li> <li>Check fuse. Look for loose or disconnected wires.</li> </ul>
Batteries do not hold a charge. Scooter does not have specified travel range.	<ul style="list-style-type: none"> <li>Batteries have reached the end of their useful life.</li> <li>Charger is malfunctioning</li> </ul>	<ul style="list-style-type: none"> <li>Replace batteries.</li> <li>Replace charger unit.</li> </ul>
Unit moves intermittently or very slowly.	<ul style="list-style-type: none"> <li>Batteries not fully charged.</li> <li>Loose wires.</li> <li>Faulty throttle or controller.</li> </ul>	<ul style="list-style-type: none"> <li>Charge or replace batteries.</li> <li>Check for loose wires.</li> <li>Replace throttle or controller.</li> </ul>
Unit will not move when throttle lever is activated.	<ul style="list-style-type: none"> <li>Batteries not fully charged.</li> <li>Brake switches out of adjustment.</li> <li>Batteries have reached the end of their useful life.</li> </ul>	<ul style="list-style-type: none"> <li>Replace batteries or charger.</li> <li>Loosen brakes.</li> <li>Replace batteries.</li> </ul>
Unit stops abruptly during use.	<ul style="list-style-type: none"> <li>Fuse blown.</li> <li>Loose or broken wire.</li> </ul>	<ul style="list-style-type: none"> <li>Replace fuse</li> <li>Check for loose or broken wires and repair/replace.</li> </ul>



# Specifications

<b>Motor</b>	1000W/ 1600W Peak
<b>Battery Pack</b>	48V 12Ah
<b>Top Speed</b>	50km/h (mode, terrain, riding style, weight dependant)
<b>Range</b>	35 km/h (mode, terrain, riding style, weight dependant)
<b>Wheelbase</b>	97cm
<b>Max Rider Weight</b>	120kg
<b>Charging time</b>	6-8 hours
<b>Charging Voltage</b>	220-240v
<b>Drive Train</b>	Chain
<b>Deck</b>	ABS Resin
<b>Brake</b>	Disc/Disc
<b>Tyres</b>	Pneumatic 10" Knobby
<b>Battery Type</b>	Acid-Lead
<b>Power Plug</b>	Australian Standard

**IMPORTANT:** Always remember to wear a helmet. This scooter must not be used on sealed or unsealed public roads or public spaces, wet conditions, or for stunts.



**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

