

Colours and designs may vary

Ego 8 Folding Electric Scooter

User Manual

[Revision 3.0]

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. • Check local regulations regarding the use of eScooters in your state or territory.

THE BATTERY MAY HAVE SOME CHARGE ON ARRIVAL, IT IS IMPORTANT HOWEVER THAT THE BATTERY IS CHARGED PRIOR TO USE.

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

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- 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

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- 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.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- 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 adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!



• **WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.**

- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

Electric Scooter Safety

- The Scooter is a recreational product. Before mastering riding skills, you need to practice. The supplier is not responsible for any injuries or damage caused by a rider's inexperience or failure to follow the instructions in this user manual.
- You can reduce risks by following all the instructions and warnings in this user manual, but you cannot eliminate all risks. Remember that whenever you ride the Scooter, you risk injury from loss of control, collisions, and falls. When entering public spaces, always comply with the local laws and regulations.
- As with other vehicles, faster speeds require longer braking distance. Sudden braking on low traction surfaces could lead to wheel slips or falls. Be cautious and always keep a safe distance between you and other people or vehicles when riding. Be alert and slow down when entering unfamiliar areas.
- Always wear a helmet when riding. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place and provides protection for the back of your head.
- Do not attempt your first ride in any area where you might encounter children, pedestrians, pets, vehicles, bicycles, or other obstacles and potential hazards.
- Respect pedestrians by always yielding the right of way. Pass on the left whenever possible. When approaching a pedestrian from the front, stay to the right and slow down. Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing. Please obey local traffic laws and regulations if situation is different.
- In places without laws, comply with the safety guidelines outlined in this user manual. The supplier is not responsible for any property damage, personal injury/death, accidents, or legal disputes caused by violations of the safety instructions.
- Do not allow anyone to ride your Scooter on his/her own unless they have carefully read this user manual and followed the New Rider Tutorial in the App. The safety of new riders is your responsibility. Assist new riders until they are comfortable with the basic operation of the Scooter. Make sure each new rider wears a helmet and other protective gear.
- Before each ride, check for loose fasteners and damaged components. If the Scooter makes abnormal sounds or signals an alarm, immediately stop riding. Diagnose your Scooter via the App and call your local dealer/distributor for servicing.
- Always be alert! Scan both far ahead and in front of your Scooter - your eyes are your best tool for safely for avoiding obstacles and low traction surfaces (including, but not limited to, wet ground, loose sand, loose gravel, and ice).
- To reduce risk of injury, you must read and follow all "CAUTION" and "WARNING" notices in this user manual. Do not ride at an unsafe speed. Under no circumstance should you ride on roads with motor vehicles. The manufacturer recommends riders be 14+ years old. Always follow these safety instructions:
- People who should not ride the Scooter include:
 - Anyone under the influence of alcohol or drugs.
 - Anyone who suffers from any diseases that puts them at risk if they engage in strenuous physical activity.

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- Anyone who has problems with balance or with motor skills that would interfere with their ability to maintain balance.
- Anyone whose weight is outside the stated limits (see Specifications).
- Pregnant women.
- Riders under the age of 18 years old should ride under adult supervision.
- Comply with local laws and regulations when riding this product. Do not ride where prohibited by local laws.
- To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.
- Do not ride in the snow, in the rain, or on roads which are wet, muddy, icy, or that are slippery for any reason. Do not ride over obstacles (sand, loose gravel, or sticks). Doing so could result in a loss of balance or traction and could cause a fall.
- Do not attempt to charge your Scooter if the charger or the power outlet is wet.
- As with any electronic device, use a surge protector when charging to help protect your Scooter from damage due to power surges and voltage spikes. Only use supplier's charger. Do not use a charger from any other different product models.
- Use only supplier-approved parts and accessories. Do not modify your Scooter. Modifications to your Scooter could interfere with the operation of the Scooter and could result in serious injury and/or damage and could void the warranty.
- Never lean forward while riding.
- Always ensure your centre of balance is toward the rear of the scooter to reduce chances of accident during braking or impact with an obstacle or a rough or soft surface.
- If local laws and regulations allow riding in areas that could be exposed to other people or vehicles, do not exceed a speed of walking pace while in these areas.
- **WARNING! AUTOMATIC OR UNINTENDED ACTIVATION OF CRUISE CONTROL (IF EQUIPPED) WHILE CORNERING AT THE LIMITS OF THE VEHICLE OR RIDER, OR DURING PERFORMANCE OF A WHEELIE, COULD RESULT IN LOSS OF CONTROL, ACCIDENT, INJURY OR DEATH.**





















Charging Safety

When charging the scooter, please pay attention to the following points:

- Ensure that it is charged in dry and clean environment, the input voltage should be between 110-240V, and the other end is connected to the charging port of the scooter.
- A red LED light indicates the scooter is being charged.
- If the charger LED light is green, charging is complete.
- For your safety, don't operate the scooter while charging.
- Disconnect the scooter from the charger when the charging is completed.

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>Flammable Material Hazard Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard 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>Toxic Fumes / Dust Hazard 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>Explosive Material Hazard Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard 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>Crush Hazard 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>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection 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>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection 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>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard 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>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard 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>Moving Parts Hazard 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>







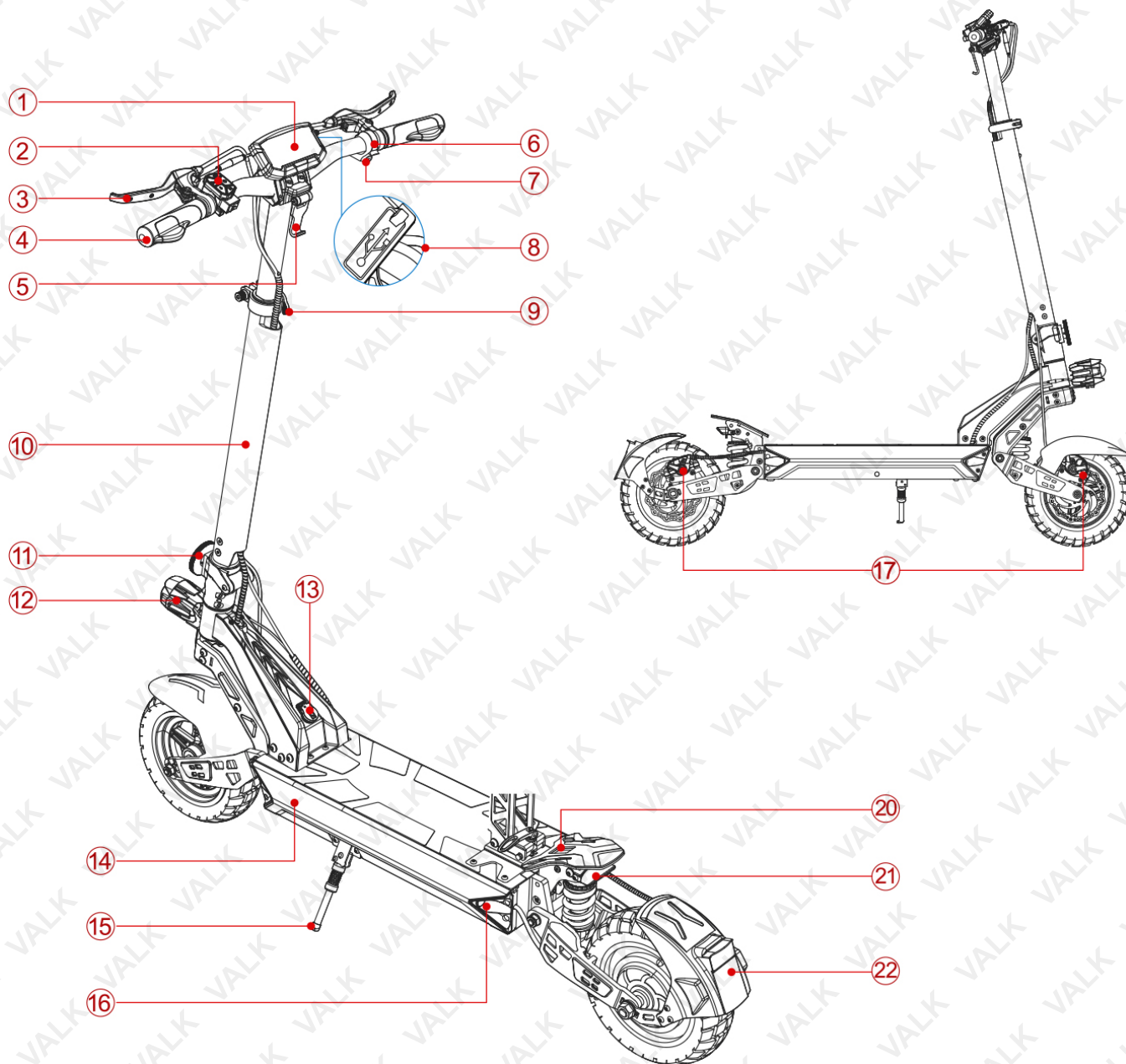
 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard 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>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor 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>Electrocution / Electrical Shock Hazard - Disconnect 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>Power Line Electrocution Hazard 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>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	 <p>Choking Hazard Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.</p>

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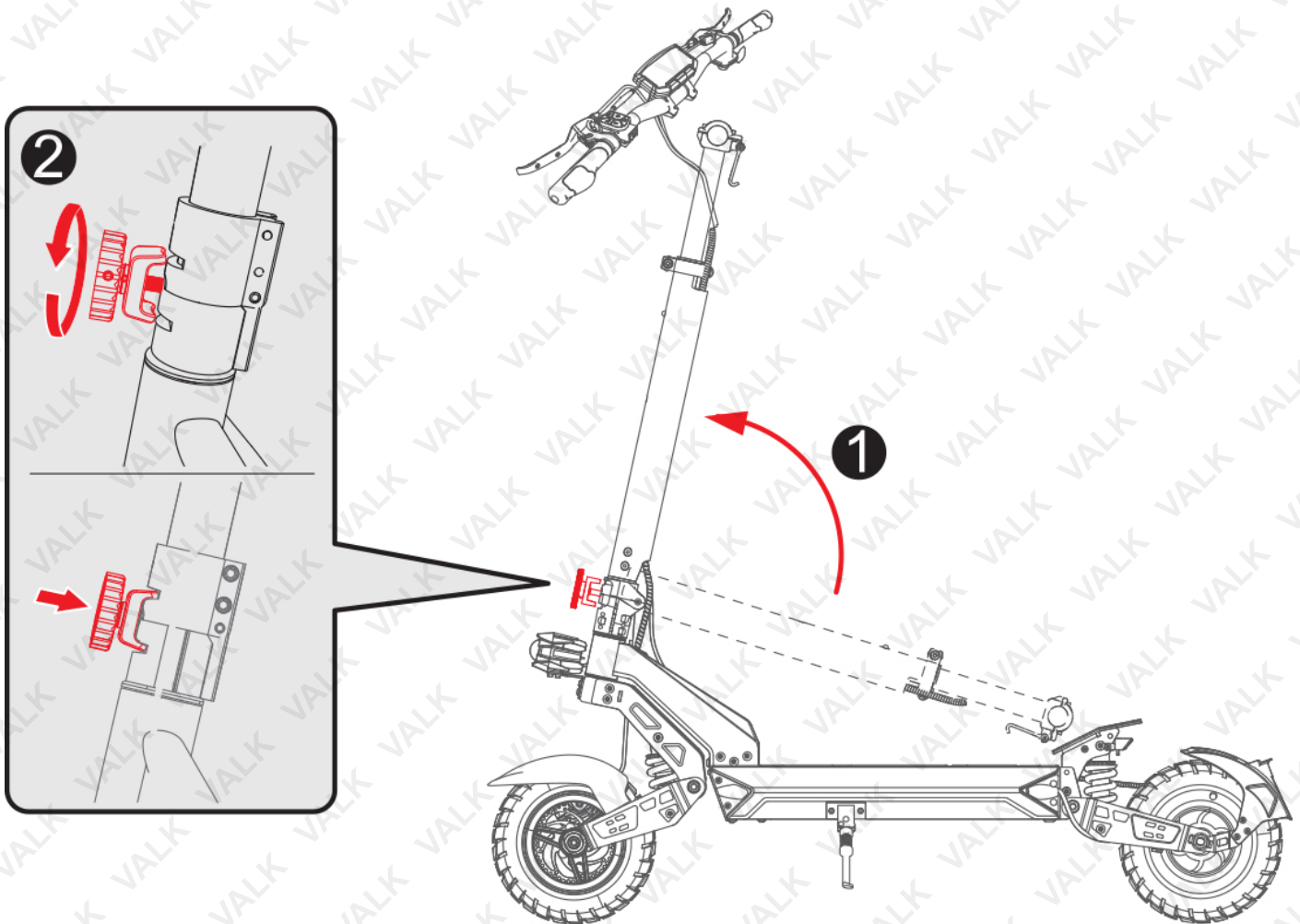
Parts Identification



No.	Name	No.	Name
1	Display	12	Headlight
2	Control Panel	13	Charging Port
3	Brake Lever	14	Underbody Light
4	Handle Grip	15	Kickstand
5	Folding Hook	16	Turn Signal
6	Throttle	17	Disc Brake
7	Ignition Port	18	-
8	USB Port	19	-
9	Handlebar Height Adjustment Clamp	20	Folding Hook Slot
10	Stem	21	Taillight and Brake Light
11	Folding Knob	22	Rear Mudguard

Assembly

1. Raise the stem to the riding position.
2. Fully tighten the folding knob.

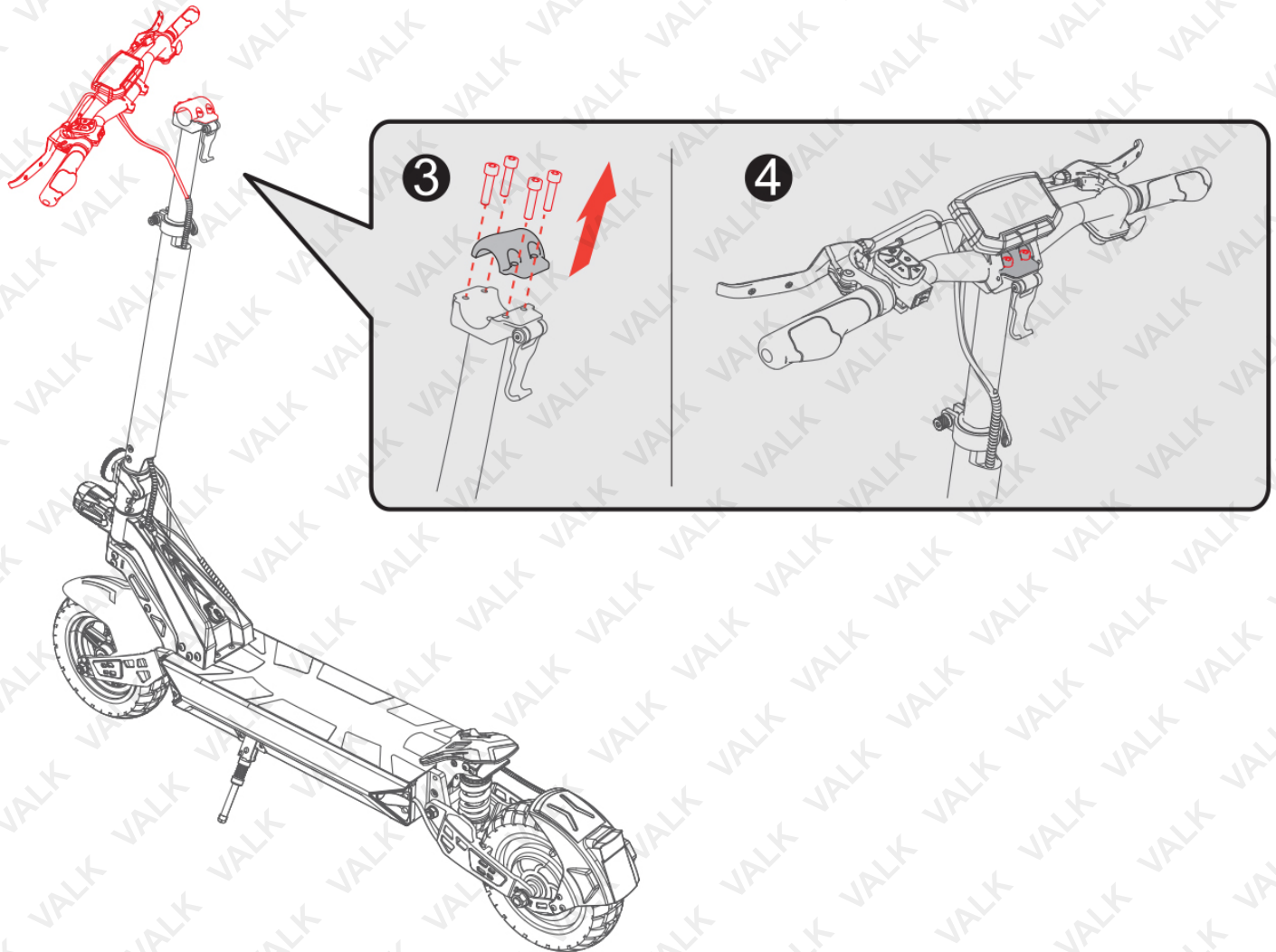


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3. Loosen the four bolts using the supplied hex key and remove the handlebar clamp.
4. Position the handlebar onto the stem, ensuring it is perpendicular to the scooter body.

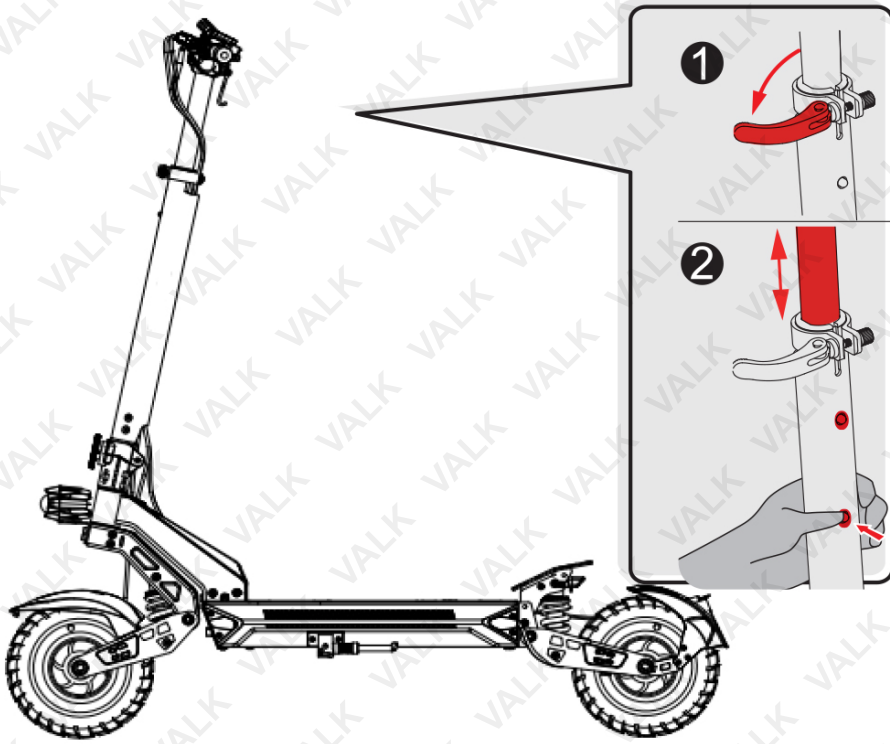
Rotate the display to create clearance if required. Reattach the handlebar clamp and tighten the bolts securely.

Adjust the display, then fully secure it.



Operation

Adjusting the Handlebar Height



1. Lowest height:

Open the handlebar adjustment clamp. Raise the handlebar until the locking pin clicks into the lowest hole, then close the clamp.

2. Medium or maximum height:

Open the handlebar adjustment clamp. Press the locking pin and adjust the handlebar up or down until it clicks into the desired hole, then close the clamp.

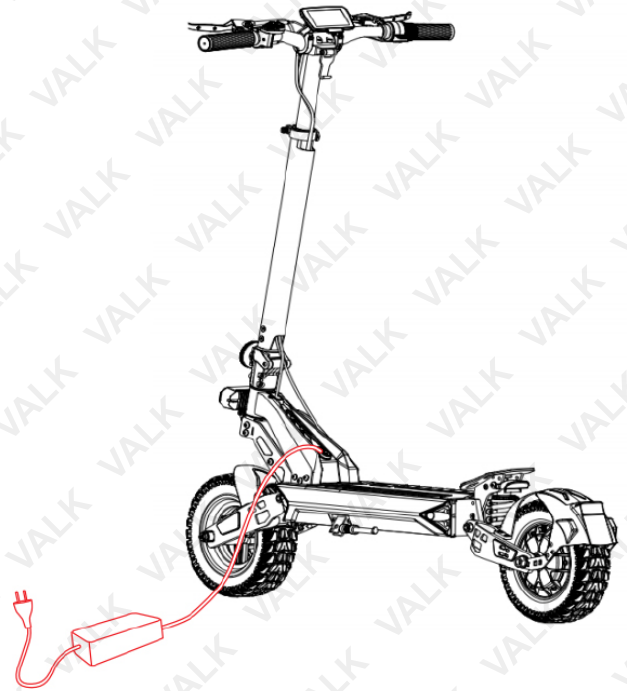
Charging the Scooter

WARNING! DO NOT CHARGE IF THE CHARGE PORT OR POWER CORD IS WET. DO NOT CHARGE OR USE YOUR BATTERY IF IT IS DAMAGED OR WET. CLOSE THE CHARGING PORT COVER WHEN NOT CHARGING.

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

IMPORTANT!

- Only use the original charger supplied by the manufacturer.
- Do not connect the charger if the charging port is wet.
- The scooter is fully charged when the indicator light changes from red to green.
- The scooter will automatically stop charging once fully charged. Do not leave it connected for extended periods.
- Keep the charging port cover closed when not in use.
- Do not operate the scooter while charging.



Controls and Display



Buttons and Switches



Power Button:

Press and hold to turn the scooter on or off.



Light Button:

- When the scooter is on, double press to turn the headlight on or off.
- Single press to change the colour of the RGB lighting on the deck.



Mode Switch:

- When the scooter is on, press to cycle through riding modes.
- Double-press to switch between total distance and trip distance.



Unit Switch:

Press to switch between metric and imperial units.



Horn Switch:

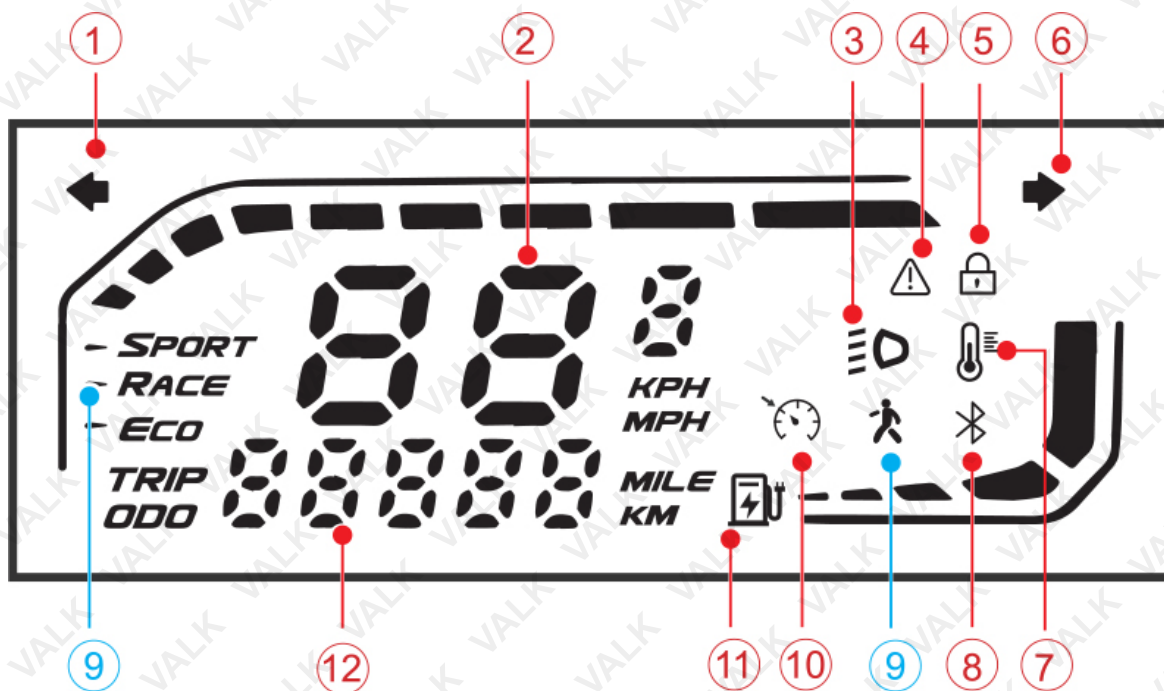
Press or hold to sound the horn.



Turn Signal Switch:

Toggle to activate the left or right turn signal.

Display Features



No.	Name	No.	Name
1	Left Turn Signal	7	Motor Overheating Warning
2	Real-Time Speed	8	App Connected
3	Headlight On	9	Riding Mode
4	Brake Applied	10	Cruise Control
5	Scooter Locked	11	Low Battery
6	Right Turn Signal	12	Odometer / Trip Distance

Riding Modes and Maximum Speed

Riding Mode	Maximum Speed
	3 km/h
ECO	6 km/h
RACE	15 km/h
SPORT	25 km/h

An important note regarding cruise control: When you hold the throttle for about 5 seconds or longer, you will hear a beep. This means cruise control has been activated and will not de-activate until you brake. If you are not experienced in riding scooters or e-scooters, we recommend turning cruise control off via the settings menu.

Settings

1. To enter settings mode, turn on the scooter, then press and hold the Power and Horn buttons.
2. Press the Horn button to navigate through the settings. Use the M and S buttons to make a selection.

Functions

P1 – Zero Start

- **0:** Disable
- **1:** Enable

P2 – Cruise Control

- **0:** Disable
- **1:** Enable

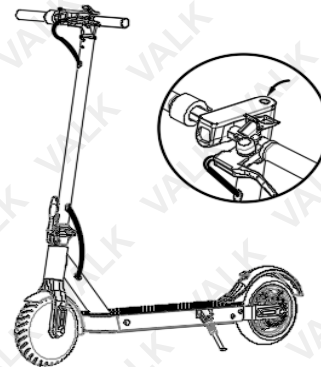
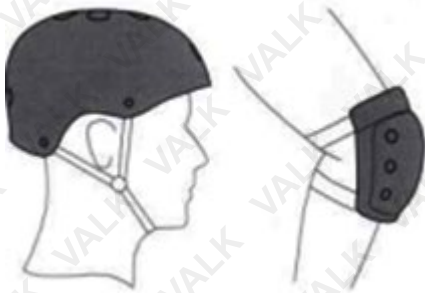
P3 - Max speed unlock

- **0:** Disable
- **1:** Enable

P4 – Odometer Reset

- After selecting P4, press and hold the M button for 4 seconds.
- To exit settings mode, press and hold the Power and Horn buttons, or wait 5 seconds.

Learning to Ride



1. Wear an approved helmet and other protective gear to minimize any possible injuries.
2. Turn ON the Scooter and check its power level indicator. Charge the Scooter if the battery level is low.

NOTE: Appearance may vary.

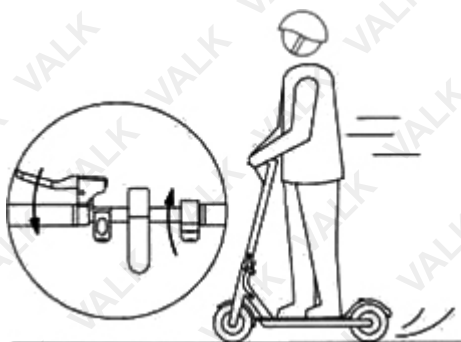


3. Stand on the footrest with one foot and push off with another foot to start gliding.

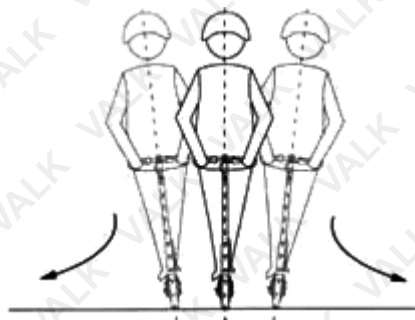
WARNING! When hard braking, you risk serious injury due to loss of traction and falls. Maintain a moderate speed and look out for potential hazards.



4. Put your other foot on the footrest to keep both feet stable. Press the throttle on your right hand to speed up when you are well-balanced.



5. Slow down by releasing the throttle, and brake by squeezing the brake lever.



6. To turn, shift your body weight and turn the handle slightly.

Safety Warnings When Riding

WARNING! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD LEAD TO SERIOUS INJURIES!

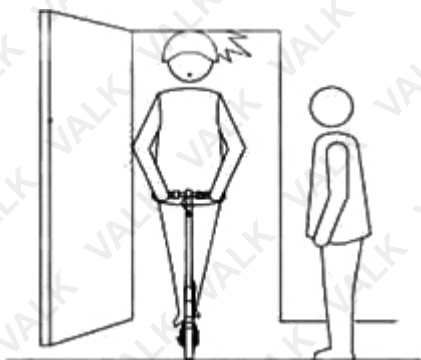
WARNING! AUTOMATIC OR UNINTENDED ACTIVATION OF CRUISE CONTROL (IF EQUIPPED) WHILE CORNERING AT THE LIMITS OF THE VEHICLE OR RIDER, OR DURING PERFORMANCE OF A WHEELIE, COULD RESULT IN LOSS OF CONTROL, ACCIDENT, INJURY OR DEATH.



DO NOT ride the Scooter in the rain. DO NOT let it get wet.



DO NOT ride over bumps and potholes at HIGH SPEED.



Watch your head when passing through doorways.



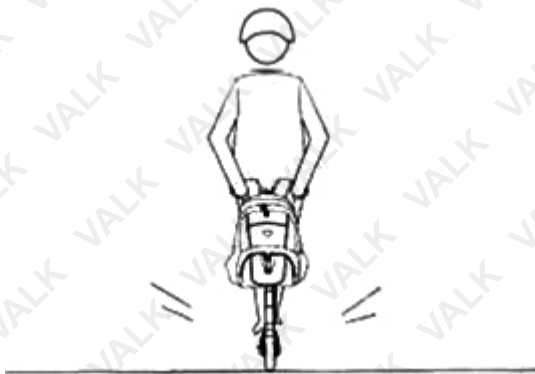
DO NOT accelerate when going downhill.



DO NOT press the throttle when walking with the Scooter.



Avoid hitting obstacles with the tyre/wheel.



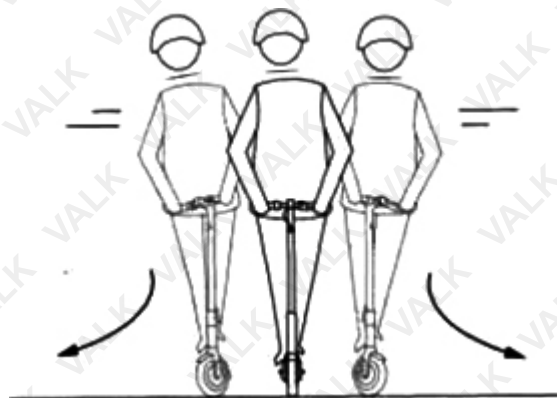
DO NOT carry heavy objects on the handlebar.



DO NOT ride the Scooter with only one foot.



DO NOT ride on public roads, motorways, or highways.



DO NOT rotate the handle suddenly while riding at high speeds.



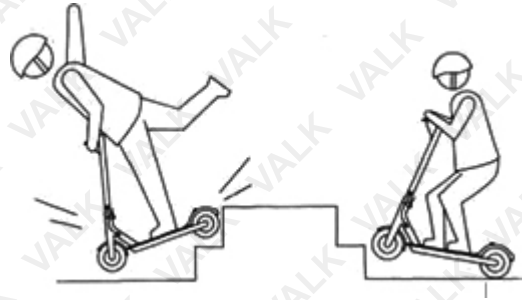
DO NOT ride through puddles or other bodies of water.



The Scooter is for one rider only. Do not carry any passengers. Do not carry a child. Do not ride when pregnant.

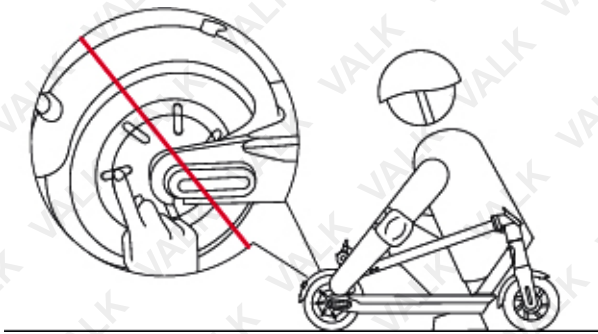


DO NOT take your hands off the handlebar while riding. Do not ride with one hand only.



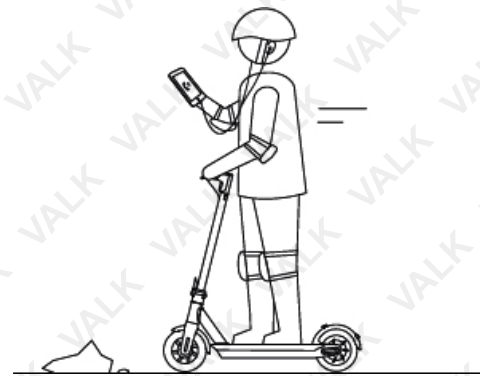
DO NOT ride up and down stairs or jump over obstacles.

WARNING! Always keep both hands on the handlebar or you risk serious injuries due to loss of balance and falls.



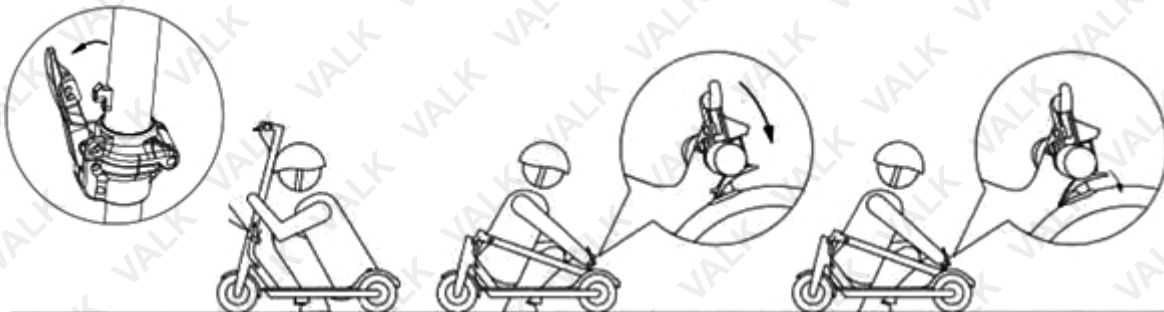
DO NOT touch the hub motor after riding because it can get very hot!

NOTE: Appearance may vary.



Do not use mobile phone or wear earphones when operating the Scooter.

Folding



1. Make sure that the e-scooter is switched OFF.
2. Open the folding buckle.
3. Fold down the handlebar and secure it by hooking it onto the ring located on the mudguard.



Carrying



When your Scooter is folded up, lift it by the stem to carry it. Ensure you do not hit any obstacles or people.

Lithium 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 7 to 8 hours on the initial charge and 7 to 8 hours 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.
- If a battery is stored or otherwise unused for an extended period, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.
- 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.
- The typical estimated life of a Lithium-Ion battery is about two to three years or 300 to 500 charge cycles, whichever occurs first. One charge cycle is a period of use from fully charged, to fully discharged, and fully recharged again.
- Explosion hazard – protect the battery against heat, for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- 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 – 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.

DANGER - BATTERY CHARGING, USE AND STORAGE

Like mobile phones, laptops, cordless vacuum cleaners etc, this product may contain or be related to a lithium ion battery pack (lithium ion batteries and lithium ion battery related items only). Lithium ion batteries allow fast charging and high capacities, however care must be taken to reduce chances of a fault, and increase safety in case a fault occurs. Catastrophic incidents involving lithium ion batteries have a tendency to result in large amounts of smoke and fire. Be sure to follow the points below to reduce the likelihood of danger whenever you use, charge or store any lithium ion battery.

- Never charge a battery that has been damaged or subjected to a forceful impact.
- Never charge a battery that has been exposed to moisture or water.
- Never charge a battery with a charger that wasn't supplied with the battery.
- Never use a battery in a device that it wasn't specifically designed for.
- Never use a battery with a modified or damaged device.
- Never modify the battery, product, charger, circuitry or wiring.
- Never charge a battery in an exit path that may be used by people to leave a room or building in case of an emergency, for example, the hallway or foyer of a residence.
- Never charge a battery in an area or building that doesn't have the recommended number of working smoke detectors that have been tested in accordance with local guidelines.
- Never charge a battery when the battery or charger is displaying a problem or charging incorrectly.
- Always charge batteries on a non-combustible surface, for example, on a concrete floor.
- Always charge batteries at least 3m away from anything combustible, such as floors, wall surfaces, furniture, storage shelves etc.
- Always charge batteries in an open area (outside if possible) ensuring the battery and charger are away from moisture and water.
- Always disconnect batteries from the charger after charging.
- Always remove or disconnect batteries from the device/product when not in use.
- Always ensure batteries are charged under adult supervision. Do not charge unattended. Do not charge batteries while no one is home or while people are sleeping.
- Keep batteries away from heat and moisture.
- Damaged batteries should be disposed of through your local e-waste collection service.
- Avoid mixing and matching chargers. Unplug products when fully charged, and charge batteries in a cool, dry place away from combustible materials like beds, lounges, or carpet.
- During charging and use, check your lithium-ion batteries for overheating, signs of swelling, leaking, or venting gas. Immediately stop using your product if these signs are present.
- Allow batteries to cool after use and before charging.

Maintenance

Regular maintenance will help ensure safe operation and extend the lifespan of your scooter.

General Inspection

- Before each use, check that all bolts and fasteners are secure.
- Inspect the frame, stem, and folding mechanism for any damage or looseness.
- Ensure the handlebar is firmly fixed and properly aligned.

Tyres and Wheels

- Check tyre condition regularly for wear, cracks, or embedded debris.
- Check that wheels rotate freely without unusual noise or resistance.

Brakes

- Test the brakes before each ride to ensure proper function.
- Inspect brake components for wear and adjust or replace as required.
- Do not use the scooter if braking performance is reduced.

Battery and Charging

- Charge the battery regularly to maintain optimal performance.
- Avoid fully discharging the battery for extended periods.
- Store the scooter in a cool, dry place away from direct sunlight.
- If not used for an extended period, charge the battery at least once every 1–2 months.

Cleaning

- Clean the scooter with a soft, damp cloth.
- Do not use high-pressure water or immerse the scooter in water.
- Ensure all ports and electrical components remain dry during cleaning.

Lubrication

- Periodically apply a suitable lubricant to moving parts such as the folding mechanism.
- Wipe off any excess lubricant to prevent dirt build-up.

Storage

- Store indoors in a dry environment.
- Avoid exposure to extreme temperatures and moisture.
- Ensure the scooter is turned off when not in use.

Service

- If you notice unusual noises, reduced performance, or damage, stop using the scooter and contact the manufacturer. Repairs should only be carried out by qualified personnel.

Error Codes

The following are common error codes you may encounter. If an error persists, contact the manufacturer for support.

Code	Description
E10	Communication fault
E14	Throttle fault
E15	Brake lever fault
E16	Motor Hall sensor fault
E50	Over-voltage

Specifications

Power (Watts)	500W
Maximum Range	40-55km
Power Type	Battery
Charging Voltage	54.6V
Charge Time	7 to 8 hours
Battery Type	Lithium Ion
Battery Capacity	13.0Ah
Battery Voltage	48V
Max Speed	Up to 25km/h (Up to 40km/h via speed unlock)
Motor Type	500W
Suspension Type	Front and Rear
Brake Type	EABS Electronic Brake (Rear Wheel), Disc Brake (Front Wheel)
Body Material	Aluminium Alloy
Frame & Chassis Material	Aluminium Alloy
Design	Folding
Display Panel	Digital Control Panel
Wheel Size	10 inches
Front Wheels	10"
Rear Wheels	10"
Wheel Type	Tubeless
Handle Height	124cm
Current	13Ah
Lighting System	LED
Max Climb Angle	20°
Recommended User Height	120cm up
Max User Height	≥ 120cm
Minimum Height	120cm
Max User Load	120kg
Recommended Age Range	12 Years & Up

Contains Lithium Ion Battery	Yes
IP Rating	IPX4
Approvals	SAA Plug, CE, ROHS
Warranty (Months)	12
Power Plug	SAA
Storage Temperature	10 - 40°C
Operating Temperature	0 - 40°C



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

- 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.





E-micromobility vehicle information

1

Brand:

Product name:

Serial number:

Certificate approval number (required from 1 August 2025):

This product complies with the following standards:

2

Vehicle specifications

Maximum speed:

Maximum weight:

Maximum continued rated power output (for e-bikes):

3

Before using this vehicle, check the applicable local laws relating to your intended use of the vehicle on roads, footpaths, shared paths, bicycle lanes and bicycle paths.

- e-bikes: transport.nsw.gov.au/ebikes
- other vehicles: transport.nsw.gov.au/skateboards-scooters-rollerblades

4

WARNING! Follow these safety instructions to reduce the risk of fire, explosion and electric shock.

DO:

- Only use batteries and chargers supplied or recommended by the manufacturer.
- Compatible products:

Model details and number:

Model details and number:

- Maximum charging time this vehicle should be charged for:
- Charge your vehicle and batteries in an open area away from combustible and highly flammable materials, such as beds, sofas and carpets.
- Store and charge your vehicle and batteries in a cool, dry place away from direct sunlight.
- Store and charge your vehicle and its batteries away from doorways.
- Allow time for batteries to cool before recharging or storing.
- Keep batteries away from moisture, heat and impact.

WARNING! Modifying or tampering with your vehicle can result in a fire, explosion or electric shock.

DON'T:

- Modify or tamper with any component of this vehicle.
- Charge this vehicle for more than the recommended charge time.
- Leave charging batteries unattended or on charge overnight.
- Use or charge a damaged battery.
- Use or charge this vehicle if it is damaged.
- Use batteries or vehicles that are overheating or showing signs of failure, such as swelling, leaking or venting gas.
- Buy or use a vehicle or battery that has been altered or modified.

 Learn more about lithium-ion battery safety: nsw.gov.au/lithium-ion-battery-safety

5 *This section is optional*

Do not attempt to repair your damaged vehicle, take it to a qualified repair person

For further information on service and repair of your vehicle or battery,

Insert preferred contact method, such as website, email or phone number

6 **WARNING! Fires involving lithium-ion batteries can occur rapidly and can be violent, involving toxic smoke and vapours, flames, and molten projectiles.**

If your vehicle or battery emits sparks, smoke or flames, evacuate the area and call Triple Zero (000). Close doors if safe to do so.

Warning signs include:

- Pungent odours
- Discolouration, blistering, bulging, or swelling of the casing
- Leaking electrolyte
- Heating up and becoming extremely hot to touch
- Abnormal popping, hissing or crackling sounds, smoke, and fumes

Never touch a swollen or ruptured device or battery with bare hands.

Seek urgent medical assistance if anyone has been exposed to spilled electrolyte, flying debris, smoke or vapours, or flames.

Make sure you know what to do if your device or battery is smoking or on fire:

fire.nsw.gov.au/batteries/what-to-do

7 *For vehicles where the battery can be separated from the vehicle*

Safely separate your vehicle battery for disposal by following these instructions:

Insert device specific instructions or link to instructions on how to safely separate battery

For all vehicles

WARNING: Do not dispose of this vehicle or components of this vehicle in household or kerbside garbage bins. When disposing of this vehicle or components of this vehicle, check the applicable local waste and disposal laws.

Learn how to safely dispose of your device and battery at: epa.nsw.gov.au/safe-battery-recycling

8 **Other important safety information**

Insert further safety information if required

9 *Insert name of business providing this information*

10 *Insert publication date of document*
