

EQUIPMED®

PacerLite

Lightweight Mobility Scooter

EQUIPMED®
PACERLITE
MOBILITY SCOOTER
Quick Start
Guide

CLICK ME



Colours and designs may vary

User Manual

[Revision 1.0]

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

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.

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.

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.



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

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.



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

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.

Mandatory Safety Rules

- Read the Manual: Please read this manual carefully before use and ensure all parts are in good condition to guarantee your safety.
- Intended Use: The scooter is a means of transportation for the elderly and infirm. While a driver's licence is not required, you must follow traffic rules applicable to pedestrians.
- No Alcohol or Fatigue: Do not operate the scooter under the influence of alcohol, fatigue, or confusion.
- Medication: If you are taking medication, consult your doctor to ensure it will not impair your ability to operate the scooter safely.
- Scooter Check: Before use, check that the brakes are responsive, the performance is normal, folding and unfolding mechanisms are secure, and the battery is sufficiently charged.
- Familiarisation: Before using the scooter for the first time, practice its functions (e.g., forward, acceleration, deceleration, stopping, reversing, turning, uphill, and downhill) in a safe and open area. Only begin a trip once you are confident with its operation.
- Accompanied Use: For your first trip, ensure someone familiar with the scooter accompanies you.
- Driving Surfaces: On uneven or soft surfaces, busy streets, shopping centres, and parks, slow down and drive with high attention.
- Reverse Safely: When reversing, pay attention to your surroundings and proceed slowly.
- Escalators: Never attempt to use escalators with the scooter.
- Gradients: When going up or down slopes, drive straight and at a low speed. Do not attempt slopes that exceed the allowable gradient.

Prohibited Actions

- Exposure to Moisture: Do not expose the scooter's electrical system to rain, snow, fog, or wash it with water. If it gets wet, dry it thoroughly before use.
- Extreme Weather: Do not operate the scooter in adverse weather conditions, such as rain, snow, fog, strong wind, or temperatures below -10°C (14°F) or above 40°C (104°F).
- Hazardous Roads: Avoid driving on deserts, beaches, muddy or frozen roads, or gravelly and bumpy surfaces.
- Modifications: Do not modify the scooter without technician approval. Any unauthorised modification voids the warranty, and the manufacturer is not liable for accidents caused by modifications.
- Unstable Posture: Do not lean out of the scooter while driving, as it can destabilise the vehicle (especially on uneven roads).
- Armrests and Footplate: Do not put all your weight on the armrests or footplate, as this may cause the scooter to tip.
- Obstacles and Trenches: Do not force the scooter over obstacles higher than 2 inches or trenches wider than 4 inches. Doing so may damage the scooter.
- Reckless Driving: Avoid sharp turns, Z-shaped driving, or sudden stops and starts, as they can cause instability or damage.

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- Passenger Limit: The scooter is designed to carry one passenger with a maximum load of 120 kg (265 lbs). Overloading is strictly prohibited.
- Disassembly: Do not attempt to disassemble the battery, motor, or controller. Always use authorised dealers and original parts for repairs or replacements.

Cautionary Notes

- Slopes: Be cautious when driving or parking on sloped roads.
- Night Driving: Exercise extreme care when driving at night or in rainy weather. Watch out for vehicles and pedestrians.
- Wireless Devices: Avoid using mobile phones or other wireless devices while driving. Park safely and turn off the scooter before using such devices.
- Traffic Rules: Obey all traffic rules when crossing intersections or railway crossings. Stop, observe, and cross railway tracks at a right angle to avoid falling into grooves.
- **WARNING! FAILURE TO ADHERE TO THESE SAFETY GUIDELINES MAY RESULT IN PERSONAL INJURY OR DAMAGE TO YOUR SCOOTER. ALWAYS PRIORITISE SAFETY WHILE USING THE SCOOTER.**

Intended Use

- This scooter is designed exclusively for adults with mobility difficulties. It is intended to carry only one person, and the user's weight must not exceed the maximum loading capacity.
- The following individuals are prohibited from using this scooter:
 - Minors
 - Individuals with mental disabilities
 - Pregnant women
 - Persons incapable of safely operating the scooter
- Usage Limitations may include:
 - Hemiplegia or paraplegia
 - Mental disorders
 - Visual impairment

Electromagnetic interference (EMI)

This section provides instructions for the daily use of the mobility scooter, directed at users and specialist dealers.

Electromagnetic waves (e.g., from mobile phones) can cause interference with your scooter's electronics, and in some cases, your scooter may also affect other electronic devices.

To reduce the risk of interference, please adhere to the following warnings:

- **WARNING: THE SCOOTER MAY INTERFERE WITH NEARBY DEVICES THAT EMIT ELECTROMAGNETIC FIELDS.**
- **WARNING: THE SCOOTER'S DRIVING PERFORMANCE CAN BE AFFECTED BY ELECTROMAGNETIC FIELDS (E.G., FROM ELECTRICITY GENERATORS OR HIGH-POWER SOURCES).**
- **WARNING: AVOID USING PORTABLE TVS OR RADIOS NEAR THE SCOOTER WHILE IT IS TURNED ON.**
- **WARNING: DO NOT USE TRANSMITTER-RECEIVERS OR MOBILE PHONES IN THE IMMEDIATE VICINITY OF THE SCOOTER WHILE IT IS TURNED ON.**
- **WARNING: CHECK FOR NEARBY TRANSMITTER MASTS AND AVOID OPERATING THE SCOOTER NEAR THEM.**
- **WARNING: IF INVOLUNTARY MOVEMENTS OR BRAKING OCCUR, TURN OFF THE SCOOTER AS SOON AS IT IS SAFE TO DO SO.**

Effects of Electromagnetic Interference

Electromagnetic fields may negatively affect the scooter's electronic systems, potentially causing:

- Disengagement of the engine brake.
- Uncontrollable behaviour by the scooter.
- Unintentional steering movements.
- In extreme cases, the electronic systems could fail entirely or sustain permanent damage.

Potential Sources of Electromagnetic Fields

- Portable transmitter and receiver units with fixed antennas.
- Transmitting and receiving sets.
- Portable TVs, radios, and navigation devices.
- Other personal transmitting devices.
- Mobile transmitting and receiving devices, such as car antennas mounted on the vehicle exterior.
- Fixed transmitting and receiving installations (e.g., radio, TV, and navigation systems).
- Other home appliances like CD players, notebooks, cordless phones, AM/FM radios, electric shavers, and hair dryers. These devices typically do not influence the scooter if functioning correctly and their wiring is in good condition. Follow the manufacturer's instructions for these devices to ensure trouble-free operation of your scooter.

Precautions

- Do not operate handheld transceivers (e.g., CB radios) or turn on personal communication devices (e.g., mobile phones) while the scooter is turned on.
- Avoid areas near radio or TV stations or other high-powered transmitters.

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- If unintended movement or brake release occurs, turn off the scooter immediately, provided it is safe to do so.
- Adding accessories, components, or modifying the scooter may increase its susceptibility to EMI. Note: It is challenging to evaluate the overall effect of such changes on the scooter's immunity to interference.





















Transporting the scooter

To transport the scooter safely, ensure the brake handle is released, and the scooter is ready for transport. If needed, you can transport the scooter by following these steps:

- Switch off the scooter.
- Unfold the scooter completely.
- Lift the scooter carefully.

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> |

















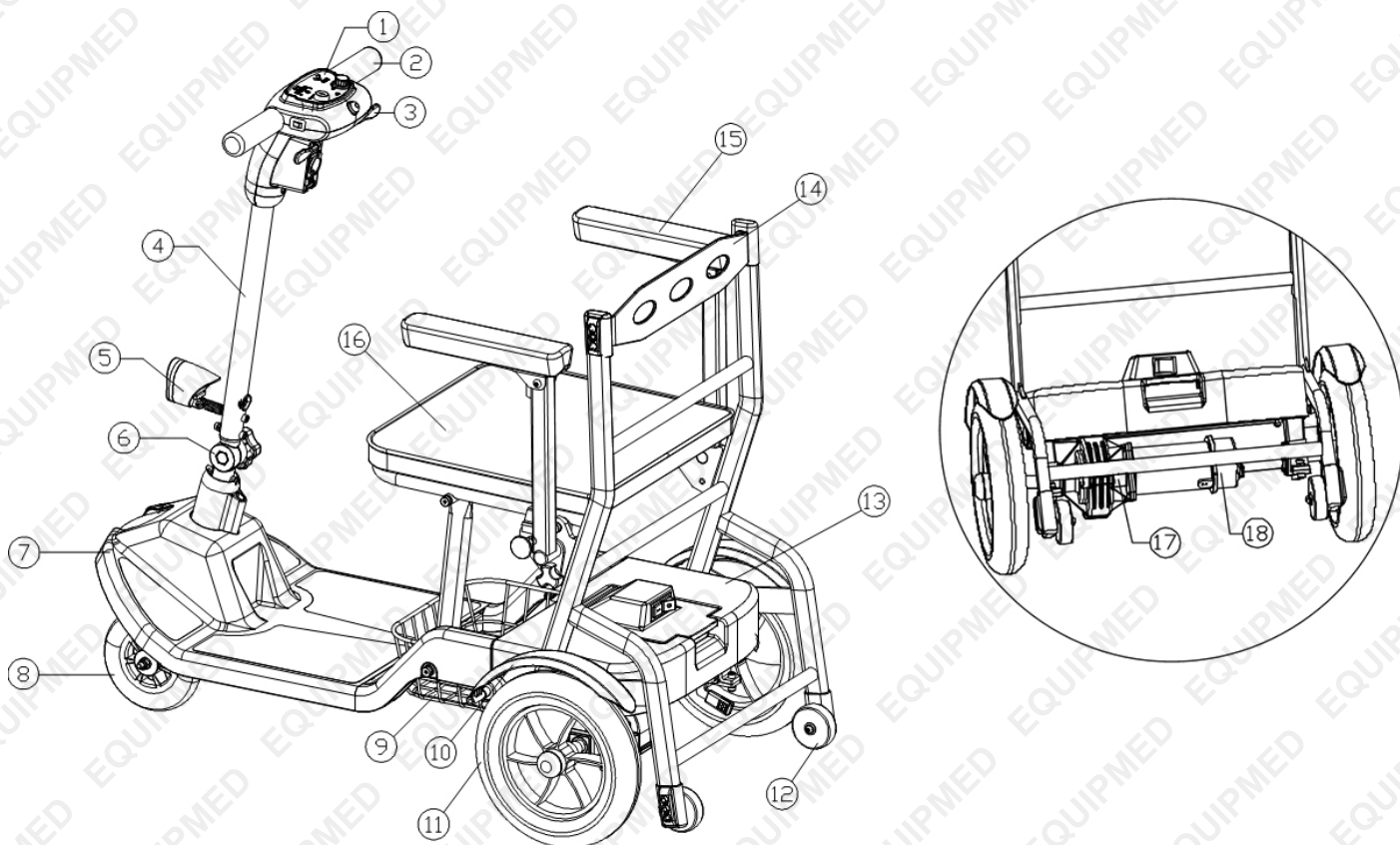
| | | | |
|---|--|--|--|
|  <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p> |  <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury 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

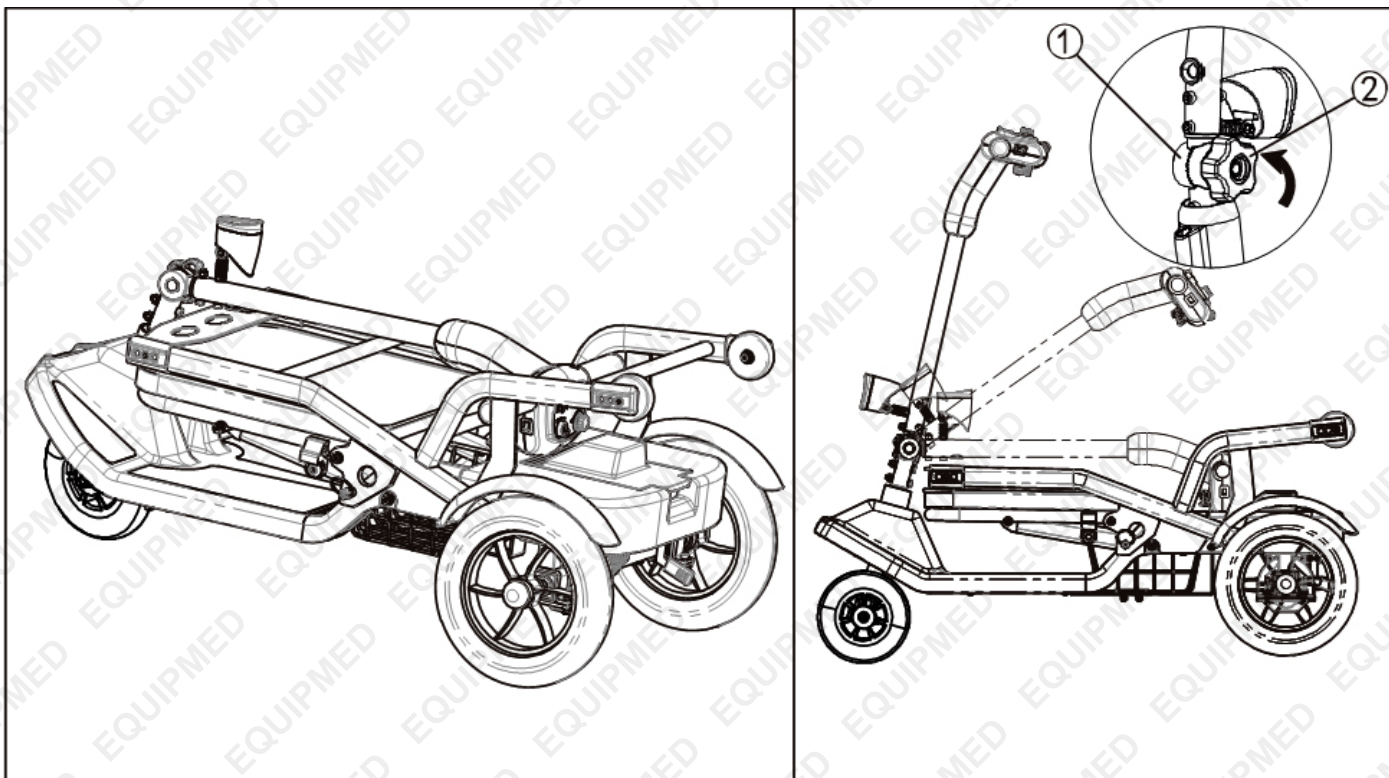


| No. | Name | No. | Name |
|-----|------------------------|-----|------------------------------|
| 1 | Control panel | 10 | Rear Fender Panel |
| 2 | Hand grips | 11 | Rear wheel |
| 3 | Throttle Control Lever | 12 | Anti-Tip Wheels |
| 4 | Stem | 13 | Battery box |
| 5 | Headlight | 14 | Backrest |
| 6 | Stem adjuster | 15 | Arm rest (<i>optional</i>) |
| 7 | Frame cover | 16 | Seat |
| 8 | Front wheel | 17 | Transaxle Assembly |
| 9 | Storage basket | 18 | Manual Freewheel Lever |

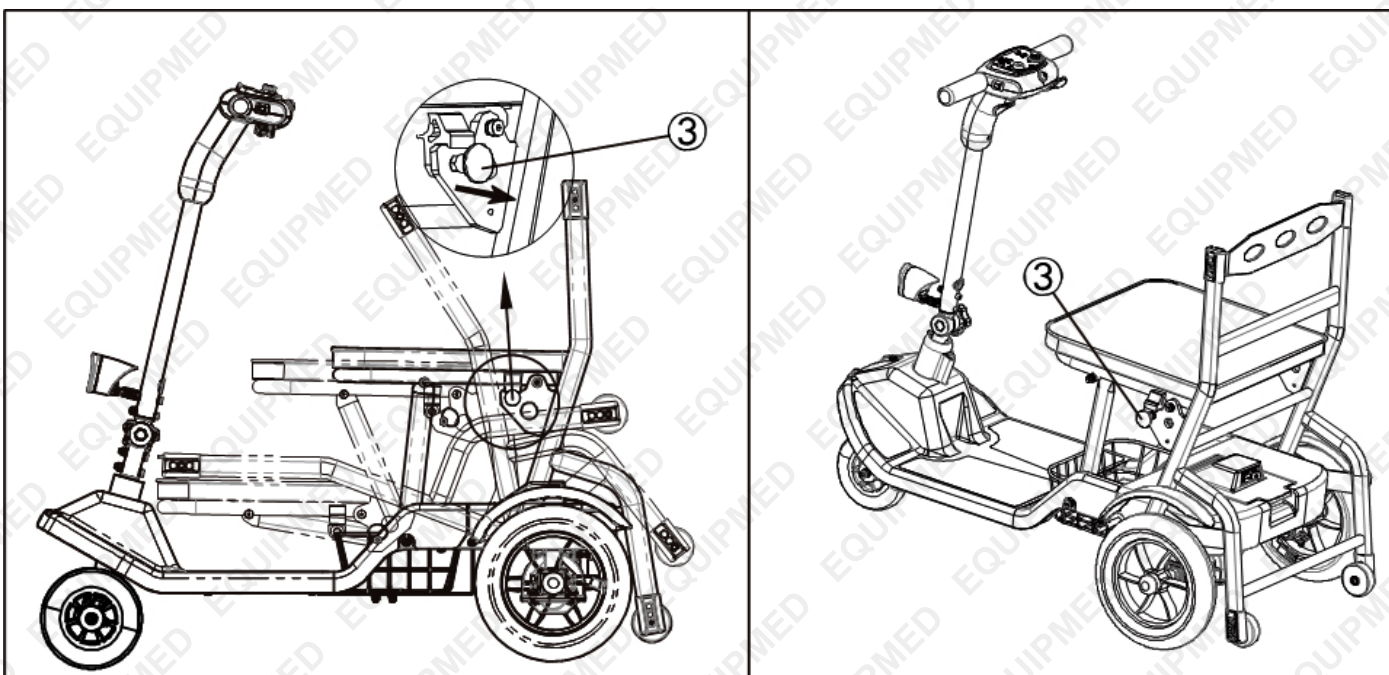
Assembly and Set-Up

Unfolding

1. Place the scooter on the ground. Loosen the knob on the Stem adjuster, adjust the Stem to your preferred angle, and then tighten the knob securely (① Stem adjuster, ② knob).



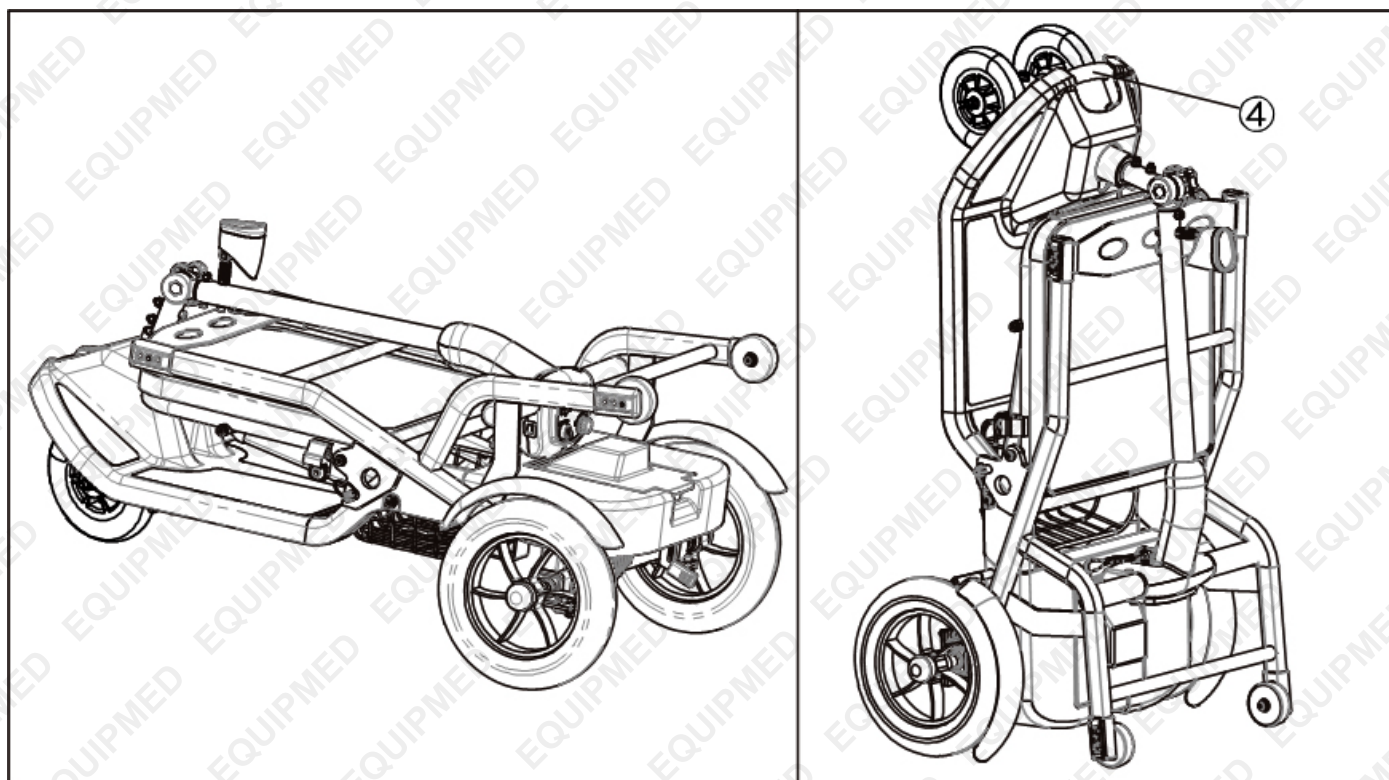
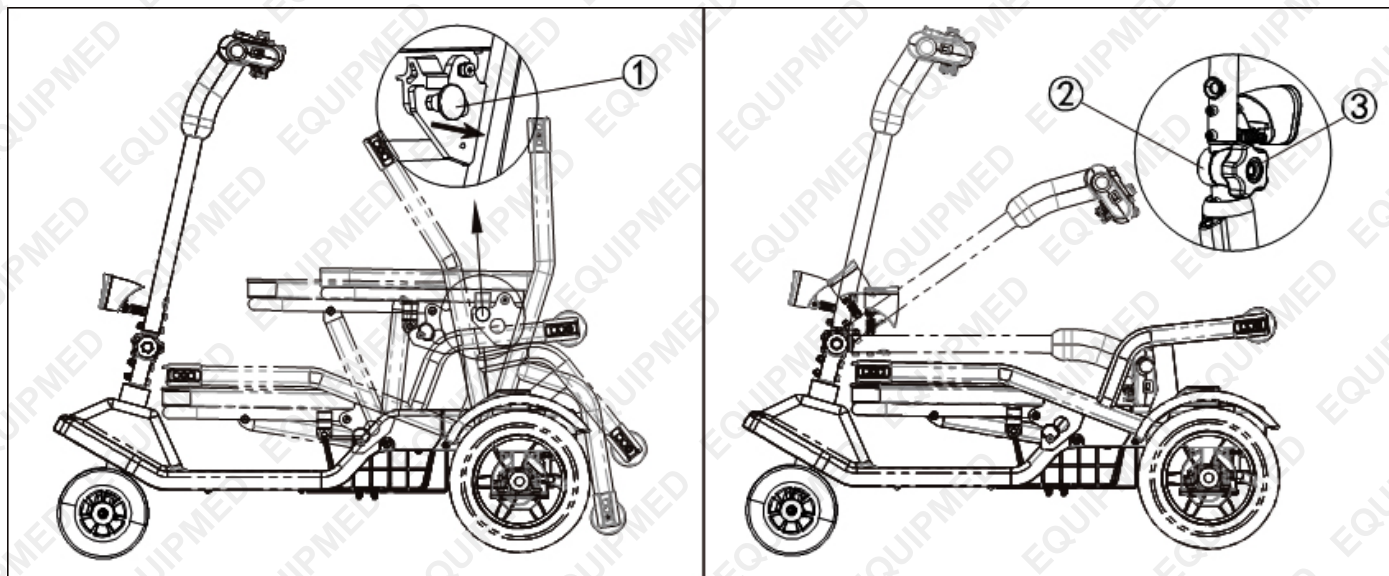
2. Pull the pin (③) out until it is fully removed from the hole. Tilt the seat backward until you hear a "pop," indicating that the pin has automatically locked back into the hole. This confirms the scooter is fully unfolded.



CAUTION: When unfolding, avoid placing your fingers near the scissor mechanism to prevent injury.

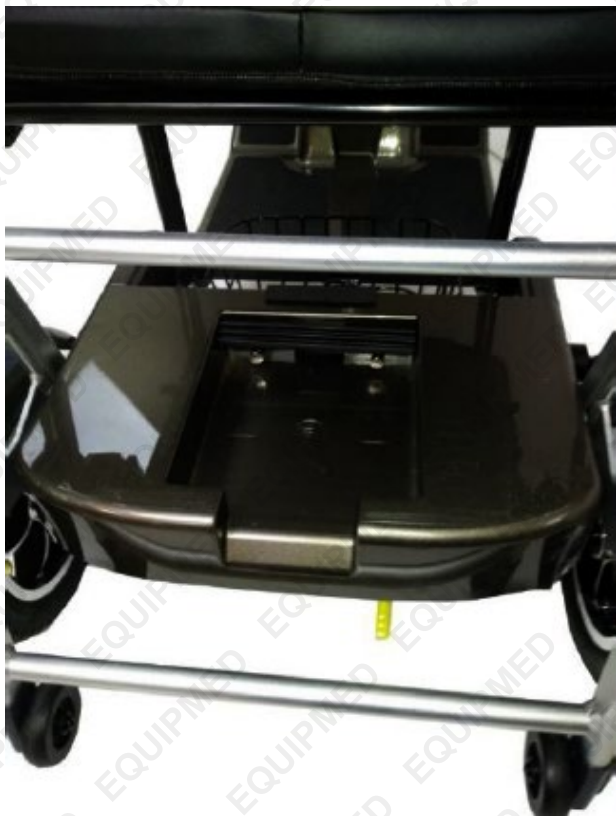
Folding

1. Pull the pin (①) out until it is fully removed from the hole. Fold the seat forward until it reaches the bottom position, where it will automatically lock. (Refer to the image below.)
2. Loosen the knob of the stem adjuster (②), lower the stem onto the seat, and then tighten the knob securely (③).
3. Stand the folded scooter upright. You can then easily tow it using the handlebar (④).



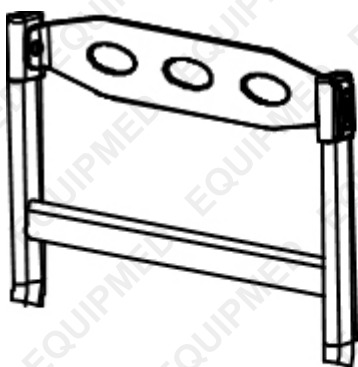
Mounting and Removing the Battery

1. Ensure the switch is in the "OFF" position before mounting or removing the battery.
2. Follow the instructions provided in the accompanying image to correctly mount or remove the battery.

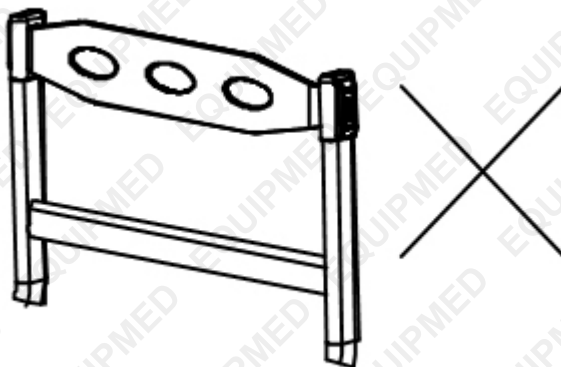


Adjusting the Backrest

Before driving, ensure the backrest strap is adjusted correctly. The concave side of the backrest strap should face your back, as shown in the accompanying images.



Correct

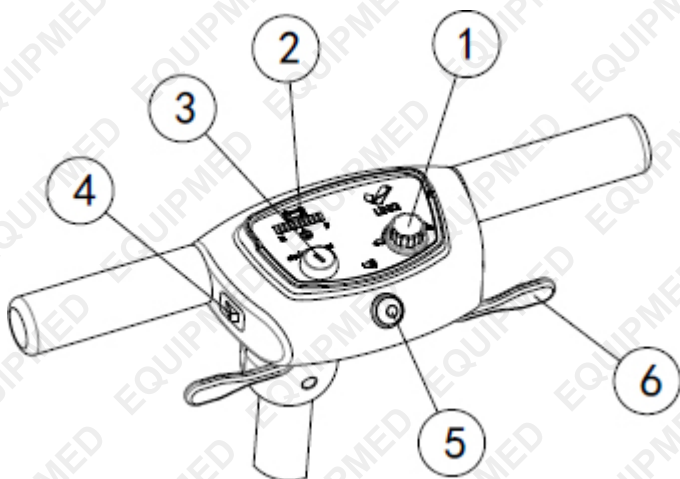


Error

Operation

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

Control Panel Parts



| No. | Name | No. | Name |
|-----|------------------|-----|------------------------|
| 1 | Speed knob | 4 | Headlight switch |
| 2 | Battery gauge | 5 | Horn button |
| 3 | Power key switch | 6 | Throttle control lever |

Control Panel Functions

Speed Knob

- Adjust the speed using the speed knob, which allows a range from 0 to 4.3 m/h.
- Turn the knob fully to the left (counterclockwise) for the slowest speed, represented by a turtle symbol.
- Turn the knob fully to the right (clockwise) for the maximum speed, represented by a rabbit symbol.

Battery gauge

Turn on the switch, and the battery gauge will display the remaining battery charge:

- **Green:** The battery is strong.
- **Yellow:** The battery is weak.
- **Red:** The battery is low and requires charging immediately.

Power key switch

- Turn the key to the "ON" position to power on the scooter and allow driving.
- Turn the key to the "OFF" position to power off the scooter.

WARNING: Never turn off the power while driving, as this may cause the scooter to stop suddenly and risk tipping over.

Headlight switch

Use the switch to operate the headlights:

- Push the switch to the right to turn on the light.
- Push the switch to the left to turn off the light.

CAUTION: Avoid driving in dark places.

Horn button

- Press the button to sound the horn.
- Use the horn promptly to prevent accidents and damage.

Throttle control lever

Hold the handlebars firmly:

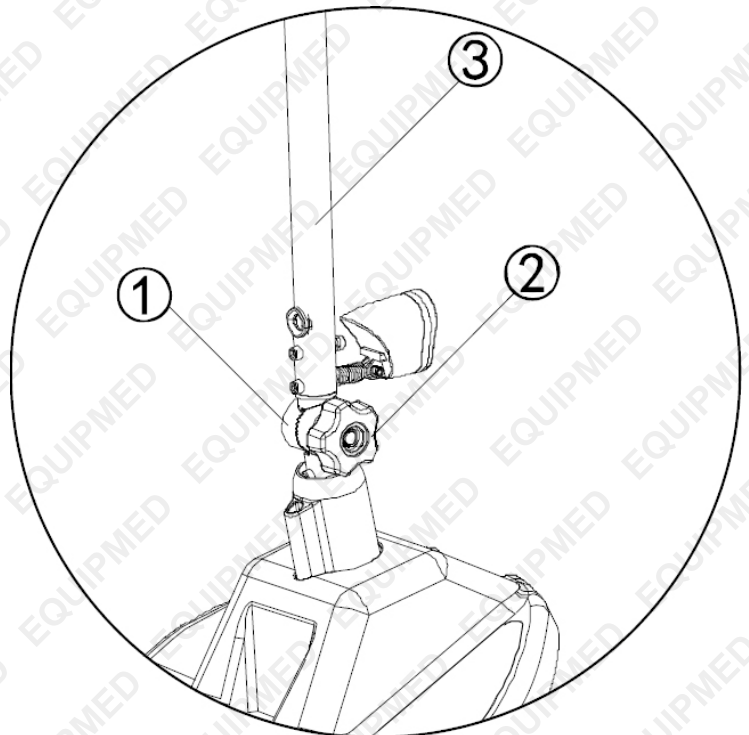
- Push the right throttle control lever forward with your right thumb to move the scooter forward.
- Push the left throttle control lever forward with your left thumb to move the scooter backward. When reversing, the horn will emit a warning sound.

When the throttle control lever is fully released, it will automatically return to the "centre" position, and the electromagnetic brake will engage, stopping the scooter.

Adjusting the Stem Assembly

1. Loosen the knob on the Stem adjuster.
2. Adjust the Stem lever to a comfortable angle for driving.
3. Tighten the knob securely to hold the Stem in place.

(1. Stem adjuster, 2. Knob, 3. Stem lever)



Brake Operation

The brake allows switching between "electric walking" and "manual walking" modes:

Electric Walking

Pull the yellow brake handle downwards. This puts the brake in the closed position, enabling motor-driven operation.

Manual Walking

Push the yellow brake handle upwards. This puts the brake in the open position, allowing the scooter to be pushed manually.

If you attempt to drive the scooter forward but it does not move and an alarm sounds, check whether the yellow brake handle is in the closed position.

WARNING: When the foot brake is in the open position, it is intended for a carer to push or pull the chair manually. This allows the scooter to be moved without the need to sit in and drive it. Do not attempt to push the scooter down an incline without maintaining a firm grip.



Tyres

The scooter is equipped with air-free solid PU tyres, which do not require inflation. The manufacturer is not responsible for any damage caused to non-genuine parts. For further details, please contact your specialist dealer.

Anti-Tip Wheel

The anti-tip wheel assembly is installed on the back of the scooter frame for your safety. It helps prevent the scooter from tipping backwards when navigating obstacles within the specified maximum height.

Transfer In or Out the Scooter

WARNING: Always turn off the power switch and remove the key before getting on or off the scooter.

Correct Position in Scooter

For a comfortable and safe experience:

- Sit with your back as close to the backrest as possible.
- Ensure your thighs are level for optimal support.

Driving

1. Start and Prepare to Drive

- a. Ensure the manual freewheel lever is in the closed position.
- b. Turn the power key switch to the "ON" position.
- c. Check the battery gauge to confirm the remaining charge and recharge if needed.
- d. Adjust the speed knob to your desired speed.
- e. Ensure the surrounding environment and road conditions are safe before proceeding.

2. Operating the Throttle Control Lever

- a. Slowly push the right throttle control lever forward with your right thumb to move the scooter forward.
- b. Slowly push the left throttle control lever forward with your left thumb to move the scooter backwards.
- c. Adjust the speed by varying the degree to which you push the throttle control lever forward or backward.

3. Driving Forward

- a. Hold the straight handlebar firmly.
- b. Push the right throttle control lever forward with your right thumb to move the scooter forward.

4. Driving Backwards

- a. Hold the straight handlebar firmly.
- b. Push the left throttle control lever forward with your left thumb to move the scooter backwards.
- c. The horn will emit a warning sound when the scooter is in reverse.

The First Drive

WARNING: Take control of your scooter: Familiarise yourself with its operation before driving. Never use both throttle control levers simultaneously, as this may cause loss of control. Do not adjust speed while driving to avoid the risk of injury. Ensure there are no people or objects behind you when reversing to prevent accidents.

Driving

- When seated on the scooter, start it according to the operating instructions.
- Hold the handlebars with both hands.
- Use your fingers to pull the throttle control lever in the desired direction.

Driving on the sidewalks

- The maximum speed on sidewalks depends on local traffic laws.
- Always check your local traffic regulations.

Braking

- To brake, release the throttle control lever. It will return to the centre position, slowing the scooter and bringing it to a stop.
- Practice braking in a safe environment to understand the stopping distance of your scooter.
- Anticipate what will happen to the scooter when driving or braking.

WARNING: Do not turn off the power switch while driving, as this may cause an emergency stop, leading to accidents or injuries.

Driving on curves

WARNING:

Risk of rollover: Slow down before entering curves or corners.

Risk of collision: Keep sufficient distance from obstacles and corners.

Risk of instability: Avoid erratic movements or S-shaped driving.

When navigating curves:

Use both hands to steer the handlebars in the desired direction.

The front wheels will turn accordingly, guiding the scooter.

Ensure there is enough space to pass through curves or corners.

Tip: Start making a wide curve before sharp corners to allow the scooter to maintain a straighter path when passing through tight spaces. Avoid turning 90 degrees too quickly, as this may cause the rear wheels to hit obstacles, destabilising the scooter.

Driving Backwards

WARNING: Take control of your scooter: Drive cautiously and at low speeds when reversing. Collision hazard: Always look back while reversing.

When driving backwards:

- Operate the throttle control lever with your left hand and adjust the speed knob to a lower setting.
- Reversing requires greater attention, so significantly reduce your speed compared to forward driving.

Going uphill.

WARNING: Take control of your scooter: Never leave the scooter on a slope with the manual freewheel lever engaged. Drive as steadily as possible and avoid reversing on inclines.

Sitting position when going uphill.

- Lean forward when going uphill to stabilise the scooter.
- Ensure all wheels remain in constant contact with the ground to prevent tipping.
- The scooter is driven by a differential, so both drive wheels must maintain contact with the ground.
- If the battery indicator fluctuates while on a slope, this is normal and not a cause for concern.

Going downhill

WARNING: Take control of your scooter: Never leave the scooter on a slope with the manual freewheel lever engaged. Drive as slowly as possible and avoid sharp turns to reduce the risk of rollover.

Sitting position when going downhill

- Lean backward when going downhill.
- Avoid tilting the scooter, as it may cause some wheels to lose contact with the ground, increasing the risk of rollover.

Precautions: The weight of the scooter can increase downhill speed. Release the throttle control lever in advance to slow down. Avoid sharp turns while descending, as the scooter's weight can cause it to lift on one side or roll over around corners.

Driving on a Slope

WARNING: Risk of injury: Do not exceed the maximum slope load capacity.

Risk of injury: Choose a gentle slope whenever possible to avoid injury or damage.

Risk of injury: If the weight of the scooter generates a strong reaction force, an accompanying person may need to push the scooter up the ramp.

Risk of injury: Ensure the wheels are high enough to clear the ramp. The scooter frame must not touch the ramp.

To use a ramp safely when crossing obstacles, follow these guidelines:

1. Drive at the lowest speed on the ramp.
2. Refer to the instructions in [The First Drive](#) section for additional guidance.

Driving Over Obstacles

WARNING: Risk of injury from accidental movement.

- Never take the scooter on an escalator.
- Do not drive over obstacles or steps higher than 2 inches.
- Avoid driving fast on slopes steeper than 5 degrees.
- Do not cross grooves wider than 4 inches. Always cross grooves at a perpendicular angle.
- Do not tilt the scooter; ensure all wheels remain in contact with the ground when driving up or down.

WARNING: Risk of damage. If needed, use a short acceleration to overcome an obstacle. Avoid generating large reaction forces on the scooter. Never leave the scooter with the manual freewheel lever engaged while driving. Do not leave the scooter in manual freewheel mode on a slope, as it may roll unexpectedly.

CAUTION:

- Ensure the power switch is turned ON when getting on or off the scooter.
- Do not operate the left and right throttle control levers simultaneously to accelerate.
- Do not turn the power switch to OFF while driving, as it may cause sudden braking and result in a fall.
- Drive at a low speed indoors.
- Exercise caution in crowded or high-traffic areas.
- When reversing, be aware of people and obstacles behind you.

Transporting the Scooter

Transport by car: This scooter can be folded to fit into the boot of a car.

WARNING: Risk of injury: The scooter is not suitable for use as a car seat.

Risk of injury: Remove all loose parts before transporting the scooter.

Risk of injury: Ensure no person or object is under the scooter, and do not place any person or object on the pedal or seat during transport.

Risk of injury: Ensure passengers are seated securely and close to the scooter to prevent injuries in the event of a collision or sudden braking.

Risk of injury: Keep fingers away from moving parts or areas where scooter components may pinch during folding or transport.

Lithium Battery and Charging

Understanding lithium batteries and properly charging them is essential for prolonging battery life and reducing the risk of accidents.

WARNING: Risk of personal injury or death from fire.

Lithium Battery Guidelines

- If you use the scooter daily, charge the battery as soon as possible after each use. Ensure the charging time is 6 hours to prepare for the next drive.
- If you use the scooter infrequently (once a week or less), charge the battery at least once a week for up to 6 hours.

Prohibited actions:

- Do not expose lithium batteries to fire, water, excessive heat (above 45°C/113°F), violent vibrations, collisions, or short circuits.
- Avoid prolonged charging of the lithium battery (do not charge for more than 20 hours).
- Do not discard lithium batteries irresponsibly. Contact your dealer or the manufacturer for proper disposal.

Battery Charging

- After use, check the 10-segment LED indicator on the control panel to determine if the battery needs charging.
- Use a charger with an output of 29.2Vdc 2A. For safety, always use the specialised charger provided by the manufacturer.

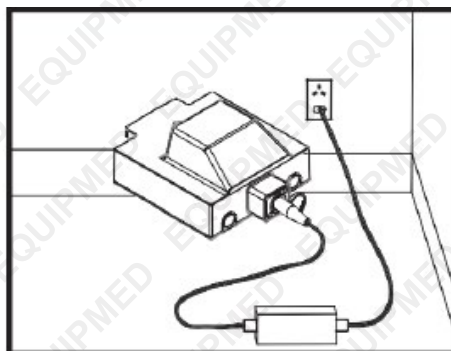
Charging Instructions

The First Charge:

- It is unnecessary to fully charge the battery before its first use. Begin charging when the LED turns red. Follow the same process for the second and third charges. This helps to prolong battery life and prevents memory effect in the lithium battery.

Charging Process:

1. Remove the battery box and connect it for charging (Charging Method I).
2. Ensure the switch on the battery box is in the "ON" position while charging. The battery charges with the power on.



(Charging method I)



CAUTION: Always rely on the charger's indicator light (turning green) to confirm that the battery is fully charged. The 10-segment LED indicator on the control panel does not accurately show a full charge.

Follow these safety precautions during charging:

Keep away from fire and avoid smoking nearby.

Do not touch the plug with wet hands or charge with a wet plug.

Avoid exposure to rain, dew, and direct sunlight while charging.

Charge the scooter in a well-ventilated area.

Charger

The charger has two indicator states:

- **Orange** Indicator: The power is ON, and the battery is charging.
- **Green** Indicator: The battery is fully charged.

Please note: The scooter has safety circuits to prevent it from being driven while charging. If the scooter does not operate normally after charging, check that the battery charger is properly disconnected from the charging terminal.




The charger must be stored in a dry environment at a temperature range of -10°C to 40°C (14°F to 104°F) and must be protected from mechanical damage. Repairs to the charger should only be conducted by an authorised dealer or the manufacturer.

CAUTION:

- Only use the original charger provided by the manufacturer. Using other chargers may void the scooter warranty and cause serious damage to the battery or scooter. Unapproved chargers may also pose a fire hazard.
- The charger's input voltage is designed for standard urban electrical frequency voltage. Do not use power sources with a frequency voltage higher than the standard urban electricity supply.
- Do not use the charger in environments with high humidity or extreme heat.
- The charger has an automatic protection function. It will stop charging automatically when the battery is fully charged. While there is no immediate need to unplug the charger, it should not remain connected to the scooter for extended periods (no longer than 20 hours).
- If the charger overheats (temperature exceeds 70°C/158°F) or emits sparks or smoke, disconnect the charger from the power source immediately.

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 6 hours on the initial charge and 6 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. 
3. **Disconnect battery when not in use.** To prolong the life of a battery, disconnect it from the unit when not in use. Disconnect chargers from the battery once charged. 

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

Cleaning the Scooter

- Seat cushions and backrest covers can be washed weekly with water and a neutral detergent.
- Painted parts can be wiped with a cleaning cloth or disinfecting cloth weekly.

Disinfecting the Scooter

- Handles and armrests can be disinfected weekly using a cleaning cloth or a disinfecting cloth dipped in 75% medical alcohol, followed by immediate drying.

WARNING: Risk of injury - Disinfection should only be performed by trained personnel.

CAUTION: Do not use high-pressure cleaners or splash water on the scooter. Avoid volatile chemical solvents such as high-concentration alcohol, ether, acids, gasoline, kerosene, or abrasive materials. Always turn off the power during cleaning, disinfection, or maintenance. Ensure all parts are thoroughly dry before using the scooter.

Instructions for re-Use

Maintenance points

Before each reuse, check the following:

- **Battery Status:** Ensure the battery is charged.
- **Wheels/Tyres:**
 - Remove debris such as wires, hair, sand, or carpet fibres from under the tyres.
 - If tyres are visibly worn, contact your specialist dealer for replacement.
- **Control Panel and Cables:** Inspect for damage such as frayed, broken, or exposed wires.
- **Stem:** Ensure it is securely tightened.
- **Seat and Backrest:** Check for dents, damage, or tears. Replace if necessary.
- Contact your specialist dealer for any repairs or part replacements.
- Have your scooter inspected and maintained at least annually or more frequently, depending on usage, as agreed with your dealer.
- Store the scooter in a dry location to prevent mildew and upholstery damage.
- If storing for an extended period, charge the battery weekly.

Inspection, Service and Maintenance

Daily inspection

1. Check for deformation or damage to the throttle control lever.
2. After turning on the power, ensure the scooter does not require charging.
3. Verify the brakes are functioning before driving.

Weekly inspection

1. Ensure the power is turned off before inspection.
2. Check the throttle control lever for detachment or damage.
3. Wipe the scooter with a damp, wrung-out cloth, avoiding the electrical system.
4. Ensure the throttle control lever returns to the centre position after release.

Monthly inspection

1. Inspect the battery and clean the connectors if needed.
2. Check the electrical system and ensure all connectors are secure.
3. Inspect fasteners to ensure they are not loose.
4. Check the tyres for cracks, shaking, or wear.
5. Verify that the throttle control lever returns to the centre position after release.

Annual inspection

Arrange a comprehensive inspection of the scooter with a qualified technician at an authorised dealership.

Re-use

- After extended inactivity, clean, disinfect, and maintain the scooter according to the above instructions.
- Inspect the motors, batteries, and chargers.
- Ensure there are no abnormalities in the motor, battery, or charger.

End of Use



This symbol indicates that your product must be disposed of separately from household waste in accordance with local laws and regulations. At the end of its life, take the scooter to a designated recycling centre. Proper sorting and recycling will help conserve natural resources and ensure environmentally friendly disposal.

- Recycling of each part must be managed by an authorised recycling organisation, as per local laws.
- Plastic, frame, and pipe parts can be handed over to professional recycling units for disposal.

Troubleshooting

This table provides a guide to help you troubleshoot common issues with your scooter. If you are unable to resolve the issue, please contact the manufacturer or an authorised service centre.

| Symptom | Possible | Solution |
|---------------------------------|--|--|
| Scooter does not move | <ol style="list-style-type: none"> 1. Key switch is not "ON." 2. Main circuit breaker tripped. 3. Brake release lever in "Freewheel Mode." 4. Charger connected to outlet. 5. Battery power low 6. Scooter shuts down to conserve battery. 7. Controller error. | <ol style="list-style-type: none"> 1. Turn the key switch to "ON." 2. Reset circuit breaker. 3. Place lever in "Drive Mode" 4. Disconnect charger. 5. Recharge battery. 6. Turn the key switch "OFF", then "ON." 7. Check Power light for Flash Code (See Flash Codes to get a solution). |
| Range less than expected | <ol style="list-style-type: none"> 1. Charging too infrequently. 2. Defective or worn-out battery. 3. Cold weather reduces battery life. 4. Defective charger. | <ol style="list-style-type: none"> 1. Charge scooter more often. 2. Load test batteries. If necessary, replace. 3. Allow batteries to reach room temperature and then fully recharge. 4. Contact manufacturer or service centre. |

Scooter Controller Internal Diagnostics

The diagnostic flash codes for your scooter are designed to assist with quick and easy troubleshooting. If an issue arises, the Power light will emit a specific flash code corresponding to one of the conditions listed below.

| Flash Code | Flash Indication | Fault | Effect on the Scooter | Solution |
|------------|------------------|---|-----------------------|---|
| 1-5 | * ***** | Battery charge is too low or there is a bad connection | Scooter stops driving | <ul style="list-style-type: none"> Charge batteries. Check all battery wiring connections. Contact your service agent. |
| 3-2 | *** ** | Brake error | Scooter stops driving | <ul style="list-style-type: none"> Ensure the manual freewheel lever is in the drive position and restart the scooter. There is a fault with the magnetic brake or wiring. Contact your service agent. |
| 1-2 | * ** | Throttle pot error (open circuit) | Scooter stops driving | <ul style="list-style-type: none"> The Throttle Pot or its wiring could be faulty. The Speed Pot or its wiring could be faulty. Contact your service agent. |
| 2-5 | ** ***** | Throttle pot error (short circuit) | Scooter stops driving | <ul style="list-style-type: none"> The Throttle Pot or its wiring could be faulty. The Speed Pot or its wiring could be faulty. Contact your service agent. |
| 1-6 | * ***** | Throttle control lever not at center position when switching on scooter | Scooter stops driving | <ul style="list-style-type: none"> Put the throttle control lever in the central position, turn the power off and then turn on again. Check that the charger is not connected. |
| 1-3 | * *** | Charge inhibited | | <ul style="list-style-type: none"> Check the charger and charging socket. Contact your service agent. |
| 1-4 | * **** | Internal motor sensor error | Scooter stops driving | <ul style="list-style-type: none"> Check the motor connections and current draw. Contact your Scooter dealer. |
| 2-4 | ** **** | Controller error | Scooter stops driving | <ul style="list-style-type: none"> Check all wiring connections including main battery connections. The controller needs replacing. Contact your service agent. |

Specifications

| | |
|-----------------------------|---------------------|
| Motor | 24V Brushless |
| Max Speed | 7km/h |
| Maximum Range | 15km |
| Max Driving Gradient | 8° |
| Max User Load | 120kg |
| Tyres | 6" front / 10" rear |
| Wheel Type | Flat Free |
| Brakes | Electromagnetic |
| Battery | 25V 10Ah (252 Wh) |
| Charging Voltage | 240V |
| Charge Time | 6 hours |



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.

