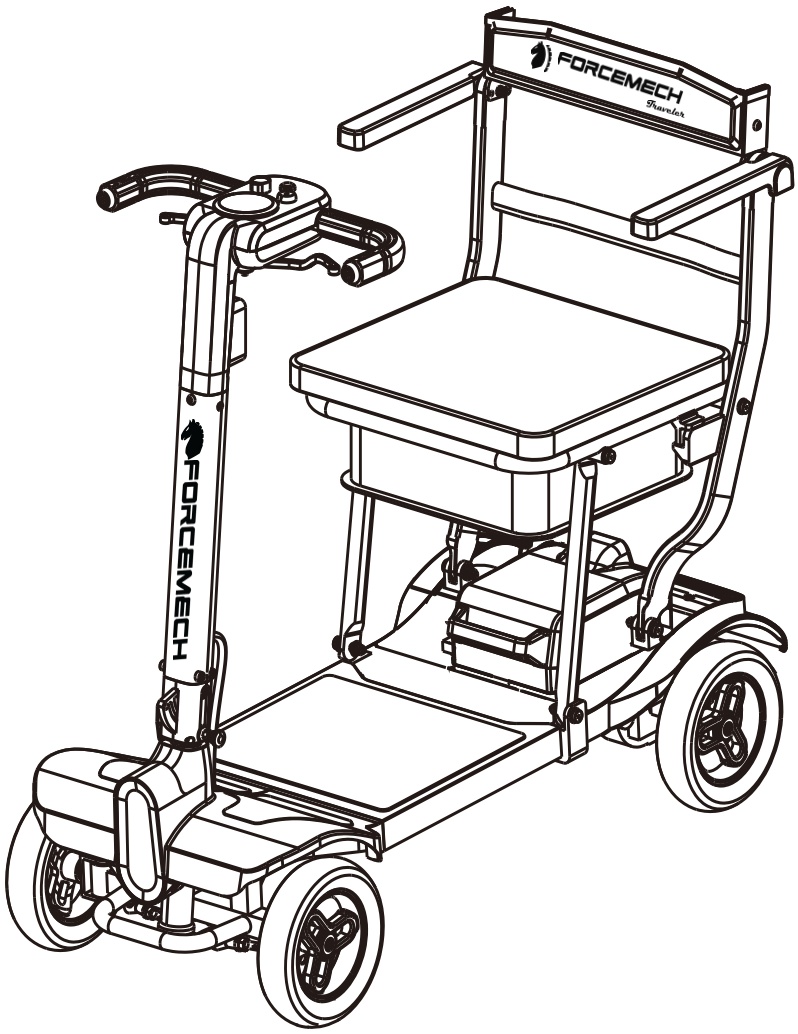
FORCEMECH

Traveler

FOLDABLE TRAVEL SCOOTER



User Instructions Manual

With Photo Guide

www.forcemech.com support@forcemech.com

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1. Introduction

The Forcemech Traveler Travel Scooter is a masterfully designed, easy-to-operate, and fully functional vehicle that offers reliable performance, safety, and comfort. As an eco-friendly and portable transportation solution, it provides unparalleled convenience for your journeys.

At Forcemech, safety is our top priority. Before using your scooter for the first time, please read this manual thoroughly and follow all operating instructions carefully. This manual is specific to your model, and each scooter comes with its own set of guidelines.

Should you encounter any issues with your electric scooter that cannot be resolved by following the manual, or if you feel unsafe using the product, please contact your local dealer or reach out to Forcemech directly for assistance.

Please note that Forcemech is not liable for any property damage or personal injury resulting from improper use of the electric scooter.

This electric scooter is designed for individuals with disabilities or mobility challenges, particularly the elderly or infirm, and supports a maximum load of 120 kg (tested with a simulated weight of 100 kg). The scooter is intended for use on flat surfaces both indoors and outdoors. It should not be operated on grass, gravel, slopes greater than 9°, or motor vehicle lanes, and it is not suitable for use in rainy conditions.

2. Quick Reference

2.1 Storage & Transportation Conditions

The packed mobility scooter should be placed in a clean room with relative humidity ≤ 80%, no corrosive gas and good ventilation.

The best way to transport the mobility scooter is to make the mobility scooter brake handle in open state mode (electric mode).

The mobility scooter suggested transporting steps as follows :

1. Make the mobility scooter brake handle in open status mode (electric mode).
2. Turn off the battery power switch.
3. Fold the mobility scooter.
4.Then can start to transport the mobility scooter.

2.2 Product Features

1. The product designed to be lightweight & compact, the joystick can be adjusted backward & forward according to human comfort.

The vehicle can be easily pulled when seat and joystick folded down.

Equipped with intelligent brush-less controller, it’s simple and easy to operate.

No need to replace carbon brushes on the motor for maintenance.

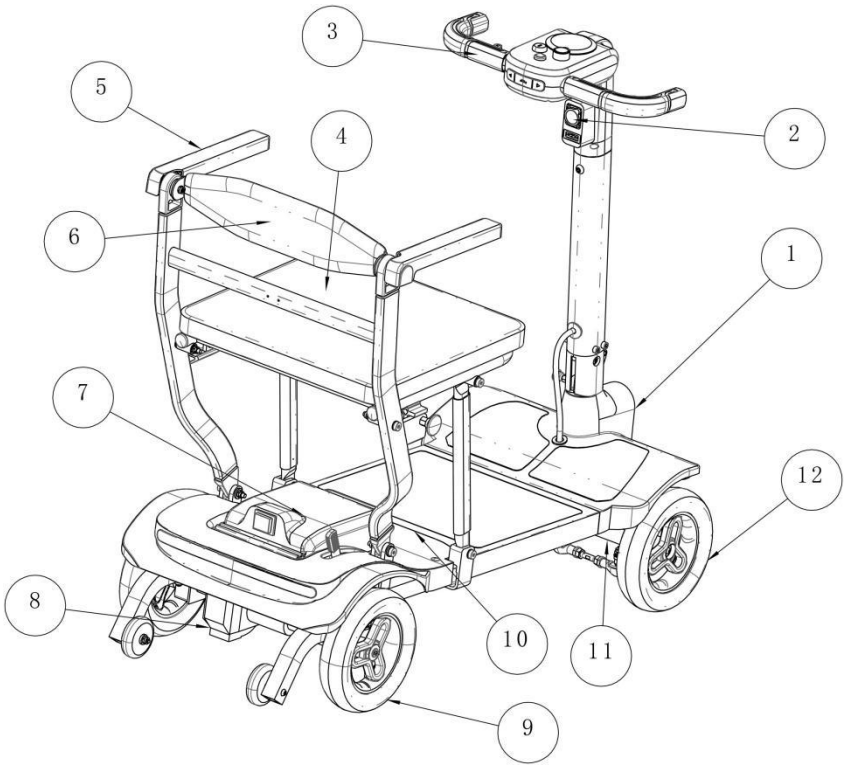
The battery can be easily removed for charging.

2.Use rear differential motor to ensure vehicle reliable and smooth riding.

3. This product is suitable for indoors, or outdoor flat roads area using.

2.3 Main Structural Components

A mobility scooter consists of frame, wheels, seat, armrests, batteries, motor and controls.



①: Led light ②: Charging port ③: Steering handle ④: Seat

⑤: Armrest ⑥: Backrest ⑦: Battery ⑧: Motor

⑨: Rear wheel ⑩: Controller ⑪: Frame ⑫: Front wheel

2.4 Quick Reference Manual

2.4.1 Scooter Unfolding Steps

1.Take out the scooter and accessories from the package.

2.Pull the spring pin and make the steering handle stand up at 90° the same time, you can hear the "crack" sound. (Note: If the pin cannot be pulled out easily, try to shake the steering handle up and down before pulling).

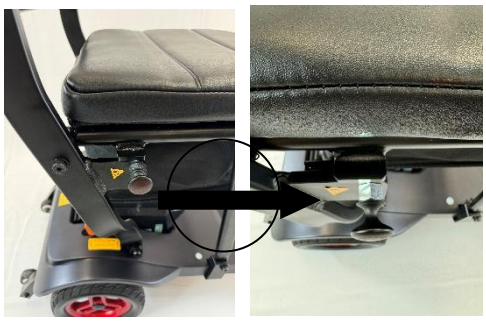
3.After raising the steering handle and adjust it to a comfortable angle slightly, then tighten the locking bolt. (The locking bolt is located the opposite of the folding limit pin).

4.Put your hand on the backrest bracket center beam part, and lift it up until the seat limit pin pops out, at the same time you can hear the “crack “sound, then try to push the seat forward to make sure the seat no longer being folding .

Note: Please care your hands safety when take folding or unfolding operation.

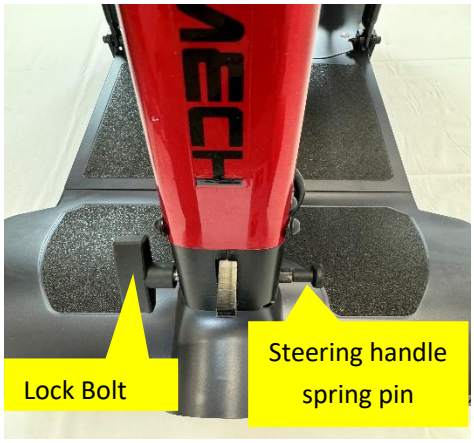
2.4.2 Scooter Folding Steps

1.Pull the seat limit pin, and push the seat forward to folding down.



2.Loosen the locking bolt;

3.Pull the steering handle spring pin, and make the steering handle toward down at the same time, then will lock automatically.



2.4.3 Battery Install & Remove Steps

Battery Install:

1. Make sure the power switch is in OFF states.

2. Grasp the battery handle and push the battery inward. When the battery is pushed to innermost position, hand leave and the battery will automatically bounce back, then the battery installation done.

Note: Please make sure the power switch turned OFF when make battery Install/Remove operation.

Battery Remove:

1. Make sure the power switch is in OFF states
2. Grasp the battery handle, push the battery inward and lift it up, then the battery will be taken out.

2.5 Technical Parameter

Model	Forcemech Traveler / FMTL1G1
Material	Aluminum Alloy
Dimension	1020*460*890mm
Folded Dimension	1020*460*420mm
N.W.(w/o battery)	17.4Kgs
Front Wheel Size	200*50mm PU solid with magnesium alloy rim
Rear Wheel Size	200*50mm PU solid with magnesium alloy rim
Loading Capacity	125Kgs
Motor Rated Power	120W
Motor Output Power(Max)	240W
Battery	24V/10AH (Lithium)
Brake Type	Electromagnetic brake 24V4N.m
Controller	Brushless
Charger	AC100-240V50/60HZ Output：29.2V-2A/3A
Max Speed	7.0Km/h
Slope Holding Performance	9°
Overrun Height	40mm
Trench Crossing Wide	100mm
Climbing Capability	≤9°
Mini Turning Radius	≤1200mm
Standard Driving Range	10Km（10Ah Lithium） 20Km（20Ah Lithium）
Upper Charging Port	Available
Ground Clearance	75mm

About the Actual Driving Range:

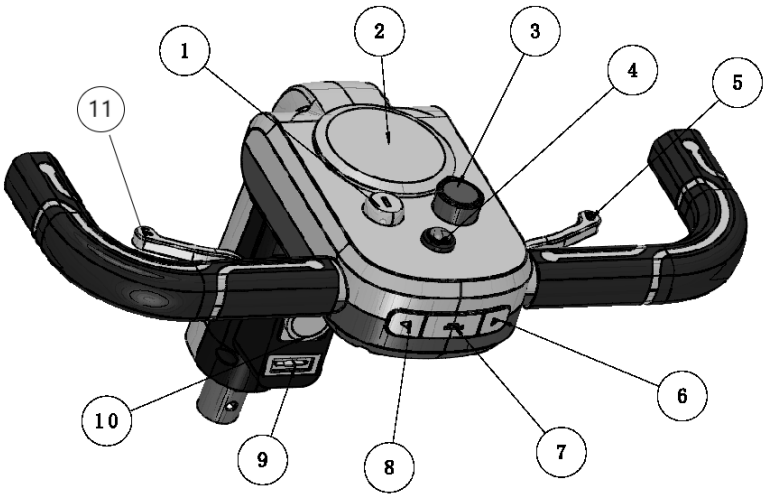
The maximum driving range of an electric mobility scooter refers to the farthest driving distance measured under the following situations:

1: Started only ONE time; 2: Fully charged; 3: Specified environment around 20° C, no wind, flat driving road.

2.6 Operating Instruction

2.6.1 Know About the Operation Interface

2.6.1.1 About the Control Panel



①Power switch ②Display screen ③Speed dial ④Headlight button

⑤Drive/Forward Operating handle ⑥Turn right button ⑦Horn button

⑧Turn left button ⑨Fuse ⑩Battery charging port

⑪Reverse Operating handle

2.6.1.2 Control Panel Function Instruction

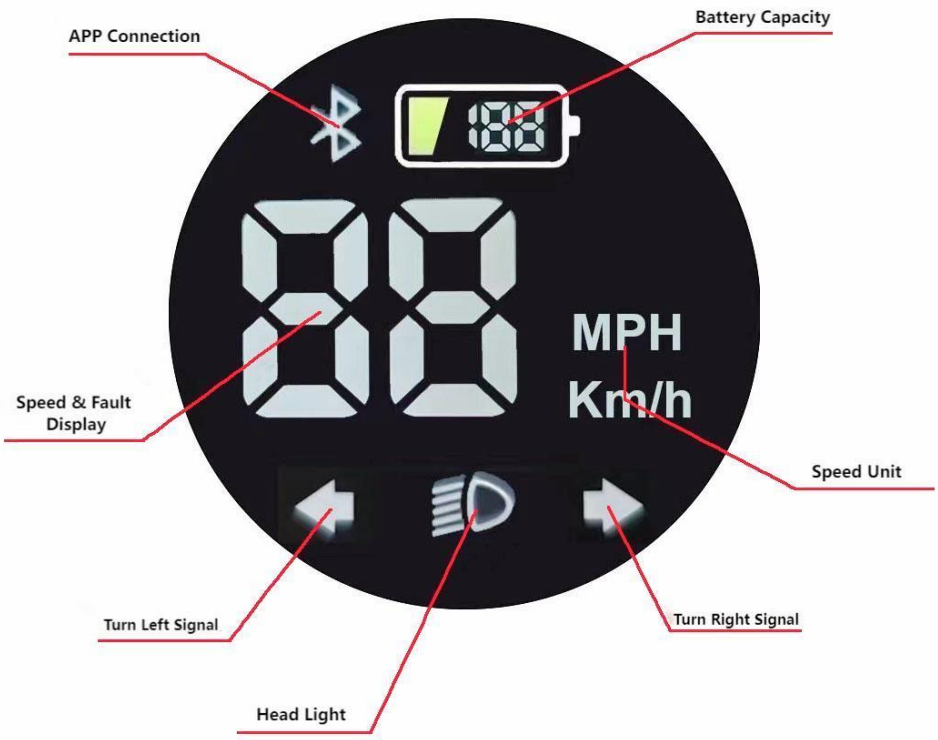
1.Power Switch

Insert the key, turn the key to RIGHT side and the power turns ON to drive the mobility scooter.

Insert the key Turn the key to LEFT side and the power turns OFF to stop driving the mobility scooter.

WARNING: Strictly forbidden turn off the power when driving, to prevent sudden stopping causing tipping over.

2.Display Screen



Turn on the power, then the display screen will show the battery remaining power percentage. At the same time, we can judge the battery power through the indicator light color.

Green means the battery power sufficient, Yellow means battery power is low,

Red means battery power is insufficient need to be charged in time.

About the Speed & Fault display, when a fault occurs, the fault code will be showing like E1,E2,...EB, (the Faulty Code Instructions table attached).

When driving, the driving speed will be displayed.

When the Turn Left Signal light up ,the Turn Left Light will on.

When the Turn Right Signal light up ,the Turn Right Light will on.

When the Headlights Signal light up, the Headlights Light will on.

3. Speed Dial

The speed dial can adjust the driving speed.
Turn the switch to the far LEFT way (turn it all the way counterclockwise),for the SLOWEST speed setting;
Turn the switch to the far RIGHT way (turn it all the way clockwise).for the FASTEST speed setting.

Note: Do not adjust the speed dial while driving.

4. Headlight

Turn on the headlight switch and the headlights turn on.

5. Forward/Reverse Operating Handle

Use your finger pull the RIGHT side lever (Not releasing), the vehicle will move forward;
Use your finger pull the LEFT side lever (Not releasing), the vehicle will reverse.
If your fingers leave the left/right both sides lever, the vehicle will automatically stop in the balanced position, the motor's electromagnetic brake will automatically taking brake.

6. Turn Right Button

Press the turn right button, the rear taillight light flows to the right side in a streaming way, and the turn right signal on the display will flash. If pressed again it will stop.

7. Horn Button

Pressing the horn button will make a horn sound.

8. Turn Left Button

Press the turn left button, the rear taillight light flows to the left side in a streaming way, and the turn left signal on the display screen will flash. If pressed again it will stop.

9. Fuse

When a short circuit occurs, the fuse will protect the entire circuit by fusing. If the short circuit is eliminated, you need to replace the fuse to test that the circuit returns to normal
.

10.Battery Charging Port

Charge the battery.

2.6.2 Know About the Steering Handle Adjusting

Loosen the locking bolt, hold the steering column, pull the spring pin, adjust the steering angle to the most comfortable position and release the spring pin, adjust the angle until the spring pin pops into the fixing hole, and finally tighten the locking bolt.

2.6.3 Handbrake Lever Operating Instruction

The handbrake lever can switch between **[Electric mode]** and **[Hand push mode]** by electromagnetic brake controlling the Closing & Opening.

[Electric mode] Pull the handbrake lever back to the end. At this time, the electromagnetic brake is in a closed state and relies on the motor for driving.

[Hand push mode] Push the handbrake lever forward to the end. At this time, the electromagnetic brake is in the open state, and you can rely on human power to move forward and backward.

Note: When the handbrake lever is in hand push mode, the vehicle cannot be controlled by pulling the lever. At the same time, the instrument will display E1 fault.

WARRANTY: It's forbidden to put the handbrake lever in the hand push mode on the slope. When entering the hand push mode, there will be no braking effect.

2.6.4 Tires

The mobility scooter uses inflatable solid PU tires, so you do not need to inflate and maintain the tires, and there is no risk of flat tires.

2.6.5 Anti-Tip wheel

Anti-Tip wheels are fixed to the back of the scooter frame and are set up for your safety. It prevents the mobility scooter from tipping backwards when you are driving over small obstacles that do not exceed the specified maximum height.

2.6.7 Precautions of Getting On/Off the Scooter

1. Start getting on/off the scooter when it is at a complete stop status.
2. Start getting on/off the scooter when it is on a flat road surface.
3. Start getting on/off the scooter when the handbrake lever in electric mode.
4. Start getting on/off the scooter when the electric door lock switch is turned off.

2.6.8 Tips for More Comfortable Driving

1. Keep your back close to the backrest during driving can make you feel comfortable.
2. Keep your legs in a steady position.
3. Keep your wrists in a relaxed state.

2.6.9 Control Panel's Cleaning & Maintenance

1.Do not leave the control system and its components in a humid environment for a long time;

2.If food residue or water is inadvertently spilled on the control system it should be cleaned up in time. But do not use abrasives or similar cleaning agents do cleaning process, can wipe the control system and operating handle with a cloth soaked in diluted decontaminant or a very small amount of water.

3. Driving Method

For your driving safety, please strictly observe the following driving instructions.

3.1 Starting & Driving

1.Check that the handbrake lever is in electric mode.

2. Turn the key switch to the right to the end.

3.Check the power meter to confirm the remaining power of the battery, if it shows less than 25% power, please recharge it before use.

4.Adjust the speed knob to the desired speed.

5.Confirm the safety of environment and road condition

6.Control the scooter Forward & Reverse by operating the Forward & Reverse operating levers on the left and right sides. Lever angle bigger ,speed faster.

7.Forward：Pull the forward lever with the right hand finger ,then the vehicle goes forward.

8.Reverse：Pull the reverse lever with the left finger ,then the vehicle move

backward.

9.Brake: Release the lever and let it return to the initial position. The speed will slowly decrease until the scooter stops. You need to practice braking distances at various speeds to get used to the scooter, so that you can estimate the behavior of your scooter when driving or braking.

3.2 Starting on a Ramp

When starting on a ramp It is necessary to minimize the speed of the adjusting knob, then accelerate to start, drive off the ramp, then stop and adjust the speed of the adjusting knob to the desired speed.

1.Don't exceed the maximum ramp climbing capacity.

2.Choose the regular ramp to avoid injury or damage to the task

3.When the mobility scooter generates a huge reaction force, the accompanying person needs to push the mobility scooter up the ramp

4. Ensure that the wheel height is high enough so that the mobility scooter frame does not touch the ramp.

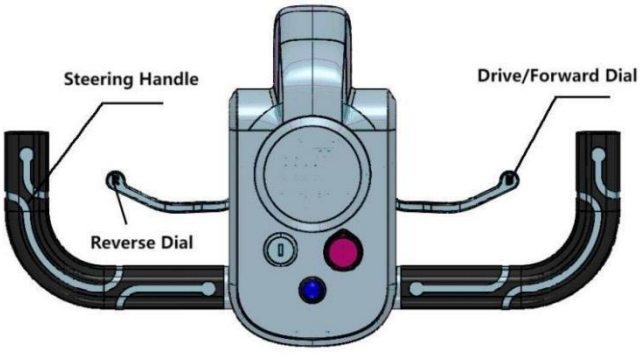
5. Drive at the lowest possible speed on the ramp.

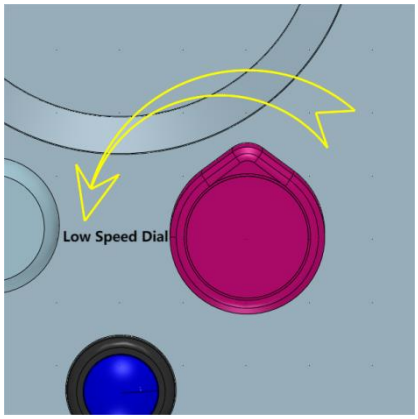
3.3 Pre-Operation Practice

Find a spacious area such as a park and an assistant who can help you practice until you are confident enough to operate.

Make sure the power is OFF before getting on/off the scooter and set the speed dial to your desired speed.

We recommend that you set the speed to the lowest position until you are comfortable operating the scooter.





Practice stop, forward , reverse maneuvers.

First make sure the speed is set in the lowest gear, pull the forward/reverse operating handle and steering handle to move the scooter to any position you want.

First, practice moving forward

Practice the "S-turns

Practice reversing
Note:
Please note the speed control.
Reverse speed slower than
forward.

3.4 Electromagnetic interference warning

For this mobility scooter, special precautions are taken regarding electromagnetic compatibility (EMC) and must be installed and used in accordance with the EMC information specified in this manual.

Portable and mobile radio frequency communications equipment may affect this device.

Electromagnetic radiation interference in the use environment of mobile phones, electronic commodity anti-theft systems, etc. may cause related risks.

Following the warning instructions below should reduce the chance of losing control of the brakes or serious injury caused by the scooter moving on its own.

(1) When driving in a scooter, do not turn on personal portable communication

devices, such as radios and answer the telephones.

(2) Stay away from nearby transmission sources, such as radio stations and TV stations. Try to avoid getting close to them.

(3) If sudden movement or brake failure occurs, the power should be turned off as soon as possible to ensure safety.

(4) Please note that if some parts of the scooter are added or changed, the scooter will be more susceptible to the influence and interference of battery waves. (Note: It is more complicated to detect electromagnetic wave interference on a mobility scooter)

(5) If the scooter suddenly moves or the brakes fail, please report it to the scooter manufacturer in time and pay attention to whether there are radio waves nearby.

When the following situations occur, Please turn off the scooter power immediately:

1. Scooter sudden movement;
2. The operating direction is not controlled;
3. Brake failure;

4.Safety Instructions

Please read the following safety instructions carefully.

Do not give the scooter to people who cannot operate the scooter; do not give the scooter to minors, mentally retarded people, pregnant women or other people who are not suitable for riding the scooter.

Do not carry passengers or exceed the maximum load capacity of 120Kgs.

Do not drive after drinking alcohol or driving while impaired.

Do not drive a mobility scooter while taking medication unless you have checked with your doctor that the medications you are taking will not adversely affect your safe operation of the mobility scooter.

Don't tow.

Do not answer the phone or use communication devices such as radios. Stabilize the scooter in a safe area and turn off the power before you have to answer your phone or

other communication devices.
Do not ride on steps higher than 40mm (2") unless there are slides installed on the side of the road.
Do not drive quickly on slopes exceeding 5 degrees
Do not cross ditches that are more than 100mm wide. Drive vertically across ditches.
Don't climb dirt slopes.
Do not exceed the maximum climbing degree .
Do not maneuver irregular when going up or downhill.
Do not drive in a snake shape, or make sharp turns at high speed, also not move your body sideways to avoid rollover.
Do not press the on/off button to turn off the control controller while driving, otherwise it will cause the scooter's brakes fail and may damage the scooter's controller.
Do not drive in deep, soft and slippery places (such as soft ground, rocky roads, grass, deserts, sandy beaches, muddy, stagnant water, icy or slippery, salt-alkali roads). To prevent to affect the scooter performance ,cause accidents and personal injuries.
Do not flush the scooter as this can damage the electrical system. If it is wet, please make sure there is no problem after drying before use.
Do not drive the mobility scooter in bad weather conditions or place the mobility scooter in harsh environments, such as rain, snow, heavy fog, strong winds, temperatures below -5°C or above 40°C, etc. Driving a scooter under such conditions may damage the electrical system and cause control failure.
Do not modify or add additional items to the mobility scooter without the consent of the technician.
Do not remove the anti-tip wheel.
Do not lean out your body while driving, otherwise it will affect driving stability.
Do not operate the scooter without anyone (including of you)on board.
Do not take a mobility scooter on the escalator.

Do not deliberately switch on and off frequently, and do not frequently start or stop the scooter.
Do not disassemble the motor, or control system or other accessories, which may degrade the performance of the vehicle and cause damage.

Please obey traffic rules and do not run red lights.
Please drive slowly when driving indoors or in small spaces such as elevators.
Please check whether the vehicle is in good condition, such as whether the brakes are sensitive, whether all functions are normal, whether the folding and opening are in place, and whether the battery is in a low-power state.
Please wait until the scooter has completely stopped steady before changing the direction of travel or making a U-turn.
Please pay attention to safety when driving and parking on sloped roads.
Please slow down when going downhill (slowly move the joystick toward the center to slow down).
Please slow down when driving on roadsides or across ditches.

Please wear your seat belt (vehicles with seat belts);
Please put your feet steady on the pedals and drive;
Please make sure the battery is fully charged before going out;
Please place the scooter in a ventilated place for charging to prevent problems before they occur.

5.Maintenance & Care

In order for the electric elderly recreational vehicle to drive safely and comfortably, the following work must be done regularly, and the maintenance frequency is carried out according to the mandatory maintenance plan:

5.1 Overhaul

1. Regularly check whether the wheel fixing bolts and nuts are loose. The wheel fixing nuts need to be disassembled and the hub cap is inspected again; [once every three months]
2. Before driving, check whether the steering column is firmly fixed and whether the steel bowl is loose;
3. Check whether the seat is loose or shakes significantly before driving;
4. For vehicles equipped with anti-reverse wheels, regularly check whether the anti-reverse wheel fixing screws are loose; [once every six months]
5. Regularly check whether the electromagnetic brake meets the braking requirements. You can place the electric elderly recreational vehicle on an appropriate slope for inspection; [Same as above, check this item for automatic brake models]
6. Please check the tire wear regularly. If the tire is worn to the damage line, replace it with a new one. [Same as above]

5.2 Maintenance

1. Do a good job in cleaning the appearance of the electric recreational vehicle for the elderly. Do not wash the electric recreational vehicle directly with water. Wipe it with a damp cloth;
2. Develop good driving habits when driving, and do not do anything beyond the scope of the electric recreational vehicle for the elderly;
3. Go to the local dealer to check the motor carbon brushes every six months of use, and determine whether to replace them based on the wear and tear. [Check this item for automatic brake models]

5.2.1 Cleaning

1. To disinfect armrest and handles, use the cleaning cloth dipped in 75% medical

alcohol to wipe and dry them immediately. (We recommended professionals carry out the disinfection process.)
3. Do not use a high-pressure water gun to clean ,also need avoid water splashing on the car.
4. Do not use high-concentration alcohol, ether, high-concentration acid or chlorinated hydrocarbon solvents, gasoline, kerosene and other volatile chemical solvents, as well as wax, sponges, brushes, etc. containing abrasives.
5. After cleaning and disinfection, all parts must be completely dry before use the scooter.
6. Must be sure to turn off the power during make maintenance & care process.

5.3. Pre-Use Inspection

Please check the following points before you use the scooter:

1. Battery status: Whether the battery power is sufficient.
2. Wheel/tire condition: Keep wires, hair, sand and carpet fibers under the tires. If the tires are obviously worn, please contact your specialist dealer for replacement.
3. Other parts: contaminants and connecting bolts.
4. Control panel and cables: Damage, such as frayed, broken or exposed wires.
5. The pull-out rod is safe and firm.
6. Seat and backrest: dented, damaged or torn. Replace the seat or backrest if necessary.

5.4 Storage

1. The mobility scooter need to be stored in a dry highland location when not in use. Please avoid staying in puddles or severely humid areas;
2. If the scooter placed outdoors, please protect them from rain;
3. Please protect the scooter from dust when it is not used for a long time. Also please keep the battery fully charged before storage and charge it once a month.

For repairs or parts replacement please contact your professional dealer.
Have your scooter inspected and maintained by your professional dealer every year or more frequently (We suggest at least once a year maintenance, but the scooter minimum maintenance depends on your usage frequency.)

6. Repair Instructions

6.1 Common faults and solutions

No.	Description	Reasons	Solutions
1	Acceleration handle failure Or max speed is low	① Battery voltage is too low. ② The electromagnetic brake handle is not closed. ③ The wire in the drive lever handle fell off. ④ The drive lever handle spring is stuck or failed.	① Fully charge the battery. ②Close the electromagnetic brake handle. ③Find a supplier or professional repair station to re-weld. ④Find a supplier or professional repair station to clean or replace the accelerator handle.
2	Turn on the power, the motor does not work	①Battery voltage is too low ②The electromagnetic brake handle is not closed ③The wire in the accelerator handle fell off ④The accelerator handle spring is stuck or failed.	① Fully charge the battery. ②Close the electromagnetic brake handle. ③Find a supplier or professional repair station to re-weld. ④Find a supplier or professional repair station to clean or replace the accelerator handle.
3	Insufficient driving range after one charge	① Insufficient tire pressure. ② Insufficient charging or charger failure. ③ The battery is aged or damaged. ④ Lots of uphill slopes, headwinds, frequent braking, and heavy loads.	① Tires are sufficiently inflated. ② Fully charge or replace with a new charger. ③ Replace the battery. ④ Try to avoid uphill slopes, headwinds, frequent braking, and heavy loads moments.
4	Charger doesn't work	①The charger socket falls off or the plug and socket are loosely connected. ②The fuse of the charger or the charging plug on the electric leisure vehicle for the elderly is blown out.	①Fasten the sockets and connectors. ②Replace the fuse. ③Connect the wires.

		③The battery pack wiring comes off.	
5	Abnormal noise while driving	① A screw or nut loose ② Wheel bearing wear	① Tighten loose screws or nuts. ② Replace bearings.
6	Other Faults	Other faults not covered by the above guidance.	Contact the supplier or repair station, and disassembly by yourself is prohibited!!!

6.2 Fault Code Instruction Table

Fault Code	Fault Description	Solutions
E1	Electromagnetic Brake Fault	1. Check whether the handbrake lever is in manual push mode. If yes, Need switch to electric mode. 2. Check whether the electromagnetic brake plug-in is loose, If yes, Need make it firmly inserted. 3. If the electromagnetic brake completely failed, Need replace the electromagnetic brake.
E2	Operating Handle Fault	1. When turning on the electric door lock switch, check whether your hands off the operating handle and operating handle in the center position. If not, Need put operating handle in right position, then turn off the power and re-start. 2. Accelerator failure. Need replace the accelerator.
E3	Display Screen Fault	1. The internal main line damaged cause signal disconnected. Need replace the main line. 2. The main line waterproof plug loose, Need make it be firmly inserted. 3. The controller plug is short-circuited as water accumulation. Need blow dry the controller plug. 4. Display screen failure, Need replace the display screen.
E4	Controller Over-current Status	Please check if the vehicle weight over-loaded, then ,then turn off the power and re-start.
E5	Controller Under-voltage Status	Please check if the battery in a strictly low level power, then make battery re-charge.
E6	Controller Over-voltage Status	1. Battery voltage over high, please check the battery specification, Need replace the battery. 2. Charger voltage over high, Need replace the charger.
E7	Controller Locked Status	Please check if the rear wheel if locked ,Need make the rear wheel rotate normally.

E8	Controller Over-heating	1. Controller excessive use cause overheating, Need make the vehicle turn off then take break in hours. 2. Electromagnetic brake failure, Need replace the electromagnetic brake.
E9	Motor Over-Heating	1. Motor excessive use cause overheating, Need make the vehicle turn off then take break in hours. 2. Electromagnetic brake failure, Need replace the electromagnetic brake.
EA	Motor Hall Failure	1. The Hall plug-in is loose. Need insert the plug-in firmly. 2. Motor Hall failure. Need replace the motor.
EB	Motor Phase Loss	1.Motor phase wire plug-in is loose. Need tighten the plug-in fixing bolts. 2.Motor phase wire is open circuit. Need replace the motor.

Note: If the above solution doesn't work, please contact the sales agent or manufacturer in time.

6.3 Rear wheel electromagnetic brake opening and closing

When the mobility scooter is in the electric state, it uses electromagnetic brakes after parking. It is difficult to push the mobility scooter by hand. As long as the "rear electromagnetic brake" is turned on, the scooter can be easily pushed, and the electric drive is invalid at this time.

If you manually release the electromagnetic brakes on both rear wheels, the motor will be released and the scooter can be pushed (please see the photo below). Otherwise, the scooter will be difficult to push.

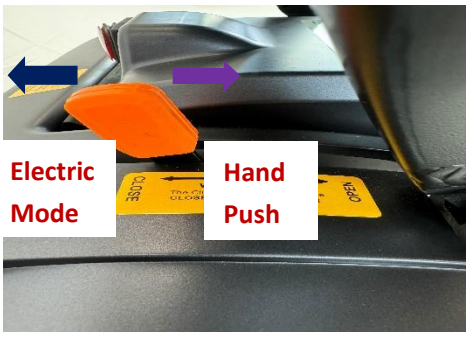
Note:

Try to keep the scooter in an electric state. The function of the electromagnetic brake is only to allow the scooter to be pushed manually where needed (such as a store, pushing out from a crowded place).

Push the scooter

Step 1: Disengage the electromagnetic brake of the motor;

Step 2: Push the scooter.



6.4 Battery

6.4.1 About lithium batteries

Understanding lithium batteries and correctly mastering the charging methods of lithium batteries will help extend the service life of the battery and reduce the occurrence of accidents.

1. If you use the scooter every day, please charge it as soon as possible after using the scooter. Get ready for your next time using a mobility scooter. Charging time should be kept at 8-12 hours.
2. If you don’t use your mobility scooter often (once a week or less), charge it at least once a week. The battery charging time should be guaranteed to be 12-14 hours.
3. It is forbidden to keep lithium batteries near fire, flooded with water, overheated (45℃), violent vibration, collision and positive and negative short circuit.
4. Please do not charge the lithium battery for a long time. The charging time generally does not exceed 20 hours.
5. When disposing of lithium batteries, do not throw them away at will. Please contact the dealer or Forcemech, or dispose of it in compliance with local lithium battery disposal regulations.

6.4.2 Battery charging and discharging

In order to maximize the efficiency of your scooter's battery.

1. The battery must be fully charged during initial use, so that your battery can reach 90% effectiveness;
2. When using a mobility scooter around your home or yard, drive slowly at first and

don't drive too far. Until you get used to this control system, the battery is discharged.
3．Charge your battery for another 8-14 hours before operating the scooter again. The battery will now be used at more than 90% of its potential;
4．After 4-5 cycles of charge and discharge, the battery effect can reach 100% and can last for a relatively long time.

6.4.3 Important information about batteries

Frequently charged batteries provide reliable performance and long battery life. No matter what time, keep your battery fully charged as much as possible and discharge it regularly. Infrequent charging or storage without a full charge may cause permanent damage to the battery, causing unreliable operation and shortened battery life.
If you do not use your mobility scooter often, you must charge it once a week to ensure the activity of the battery.

If you are checking in your mobility scooter, you must contact the shipping Forcemech in advance to ensure that the mobility scooter meets their special requirements for transportation.

Lithium batteries are specially designed for scooters and other mobile vehicles. Generally speaking, lithium batteries are safe, green, and environmentally friendly, such as aircraft, buses, and trains. We recommend that you contact public transportation Departments pack and ship based on special properties.
Please dispose of the replaced used batteries in accordance with relevant national regulations.

6.4.4 Charger

The charger is a very important part of your mobility scooter. It provides energy to your mobility scooter through a safe, fast and easy charger.

7.Warranty

To ensure the quality of our products and provide you with satisfactory service, we kindly ask that you read this manual carefully and retain your purchase receipt.

7.1 Upon receiving your scooter, please unpack it promptly for inspection and initial setup. Should you have any questions or require assistance, contact the seller immediately for guidance on proper operation and maintenance. In the event of any quality issues, you may present your purchase receipt to the seller or email Forcemech at support@forcemech.com, you may also call Forcemech at 1-877-90-FORCE to receive after-sales service and purchase parts. Be sure to have your serial number ready. (located at the back of this instructions manual and on the actual vehicle).

7.1 Warranty Range

No.	Item	Problem	Warranty Period
1	Frame	Desoldering, breakage	Within 3 years
2	Accelerator	Unable to return to zero, control failure	Within 1 year
3	Speed Limiter	Vehicle speed can't adjusted or fails	Within 1 year
4	Controller	can not work normally	Within 1 year
5	Motor	Coil burned out, abnormal noise, powerlessness	Within 1 year
6	Differential (rear axle)	Abnormal noise, shaft breakage, gear seizure, box rupture, oil leakage	Within 1 year
7	Electromagnetic brake	Failed to work properly,E-brake holding,abnormal noise	Within 1 year
8	Battery	Leakage	Within 1 year
9	Charger	Can not work normally	Within 1 year
10	Power lock, speaker	Can not work normally	Within half year

7.2 Parts not covered by the one-year warranty:

Motor:

If the motor malfunctions due to failure to follow the operating instructions or disassembly of the motor without permission, it is not covered by the warranty.

brake:

The electronic components on the brakes have a one-year warranty. The brake pads on the brakes are easy-to-wear parts and are not covered by the warranty.

Battery:

If the battery power does not reach 75% within one year due to failure to follow the usage requirements or not charging for a long time, the warranty will not be covered.

Consumable items:

Such as tires, handle covers, seats, backrests, etc. are not covered by the warranty.

7.3 Quality problems caused by the following situations are not valid for warranty purposes.

1. Failure caused by the user's failure to use and maintain the product in accordance with the instructions.
2. Damage caused by user's own modification, disassembly and repair, or self-decomposition, which destroys the cause of the fault and makes technical identification and analysis impossible.
3. Failure caused by improper use and storage by the user or accidents.
4. Vehicles without warranty card or the card and items do not match.
5. Wearable parts and consumables are not provided with warranty guarantees.
6. Remove damaged parts by yourself outside the scope specified in the instruction manual.
7. Repair costs incurred by self-repair without the consent of the seller or

maintenance professionals.

8. Non-original vehicle parts of seller Forcemech will not be held responsible for the warranty guarantees, and Forcemech will not be responsible for any quality accidents arising there from.

Note: Original vehicle parts refer to the components installed on the vehicle at the factory.

9. Caused by force majeure such as typhoons, floods, fires, earthquakes, and wars.

7.5 Warranty principle

1. For malfunctions Within the warranty period or Out of warranty period, Forcemech is still responsible for repairing the Main Parts of the vehicle, but charges will be made as appropriate.

2. For battery updates beyond the three-month warranty period, our Forcemech will supply them at the ex-factory price. However, old batteries must be recycled one by one and returned to the manufacturing factory to avoid environmental pollution.

7.6 Recommended maintenance plan:

Like all motor vehicles, the good operation of mobility scooter is inseparable from normal maintenance. Forcemech has specially formulated this mandatory maintenance plan in line with its responsible attitude towards consumers' lives and property. Our suggested maintenance as follows:

Maintenance Stage		**Maintenance Date**	**Maintenance Notes**
1st Stage	Within 7 days or 200km		
2nd Stage	Within 30 days or 1000km		
3rd Stage	Within 60 days or 2000km		

2—4months	Within 120 days or 4000km		
5—7months	Within 210 days or 7000km		
8—10months	Within 300 days or 10000km		
11—12months	Within 360 days or 12000km		

7.7 Unpacking and inspection

Please check whether the vehicle and accessories are missing (the list of accessories shall be subject to the list of accessories provided with the vehicle). If any damage or missing parts are found, please contact the dealer in time.

After opening the package, please check whether the following items are complete:

1. Complete mobility scooter 1 SET
2. Charger 1 PC
3. Battery 1 PACK
4. One copy of the instruction manual

7.8 Safety Warning Symbols Description :

 DC Voltage  =ATTENTION! Check random files

 Disconnect (main power) Connect (main power)

FORCEMECH

FORCEMECH SERIAL NUMBER

Traveler

FOLDABLE TRAVEL SCOOTER

Forcemech International LLC.
4219 Clay Commerce Dr. Suite 103, Katy TX, 77449
PHONE: 877-903-6723 EMAIL: support@forcemech.com