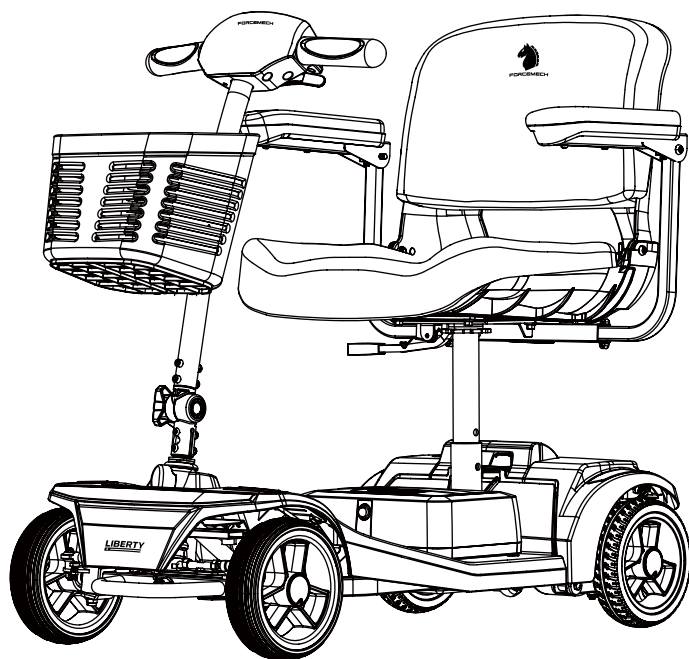


# FORCEMECH

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## ***LIBERTY***



## User Manual

Mobility Scooter

# How to Use This Manual

Please read the user manual carefully before taking the product into use.

- This manual applies to our model: **Liberty**
- This manual contains operations and assembly methods.
- This manual contains scooter maintenance and self-inspection methods. Please store in proper place.
- This manual contains solutions to simple device faults.
- Please provide this manual for reference when other people are going to use this scooter.
- The annotations and illustrations in this manual might be slightly different from the real parts due to quality improvements from changing design. We thank you for your patience.
- Contact your dealer if there is any ambiguity or questions.
- Improper use of any vehicle may lead to injury. Unsafe driving could harm yourselves and others.
- The mobility scooter is intended to comfortably transport those with walking difficulties.
- This mobility scooter is designed to transport 1 person only.



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# Introduction

Thank you from the entire Forcemech International team for choosing the **Forcemech Liberty**—our comfortable, robust mobility scooter designed to turn "where can I go?" into "where do I want to go?" Since 2016, we've rooted our work in Houston, Texas, around a simple promise: to craft premium mobility solutions that balance durability, comfort, and freedom. The Liberty embodies this promise, built for users who refuse to let limited mobility hold them back—whether you're running errands, exploring a park, or visiting family.

What sets the Liberty apart is its thoughtful design for life on the move: it disassembles easily into just 3 pieces, making it a breeze to load into your car, store in a closet, or transport in small spaces. Best of all, the assembly process takes only about 2 minutes—no tools, no frustration, just quick access to the mobility you need. We've also equipped it with the same portable battery technology found across all Forcemech products: the detachable battery lets you charge it anywhere—at home, in a hotel room, or even at a friend's house—without having to move the entire scooter. This means you can leave the scooter safely in your car while keeping the battery with you to top up, ensuring you're always ready for your next journey.

Every detail of the Liberty is engineered for comfort and reliability: from its supportive, adjustable seat to its sturdy frame, we've tested every component to meet our strict standards for safety and durability. As you start using your Liberty, this manual will guide you through everything—from disassembling and charging to safe operation and routine checks—so you can focus on enjoying the freedom it brings.

At Forcemech, we don't just build scooters—we build trust. If you have questions about your Liberty, need help with setup, or want tips to get the most out of its features, our team is here for you: visit [www.forcemech.com](http://www.forcemech.com), email [support@forcemech.com](mailto:support@forcemech.com), or call 1-877-90-FORCE. Our Houston-based support team and network of authorized dealers are dedicated to ensuring your experience with the Liberty is seamless, safe, and satisfying. Thank you again for choosing Forcemech. With the Liberty, your next adventure is just a quick assembly away—and we're proud to be part of it.

# Safety Guide

DO NOT OPERATE THE SCOOTER BEFORE READING AND UNDERSTANDING THIS INSTRUCTION MANUAL.

IF YOU ARE IN DOUBT ABOUT THE MEANING OF THESE INSTRUCTIONS, OR ANY OF THE CAUTIONS AND WARNINGS, PLEASE CONSULT YOUR HEALTHCARE PROFESSIONAL, DEALER, OR RELEVANT TECHNICAL PERSONNEL.

FAILURE TO FULLY UNDERSTAND THE OPERATION OF THE SCOOTER MAY RESULT IN AN UNEXPECTED RESPONSE FROM THE EQUIPMENT, WHICH CAN THEN LEAD TO POSSIBLE INJURY OR DAMAGE.

## Notes

Warning and Caution notices in this manual apply to hazards and unsafe practices that could cause personal injury or property damage.

## Warning

We supply an extensive range of mobility scooters to meet individual needs. It is the responsibility of the user and their qualified healthcare advisor to determine which scooter suits their intended use.

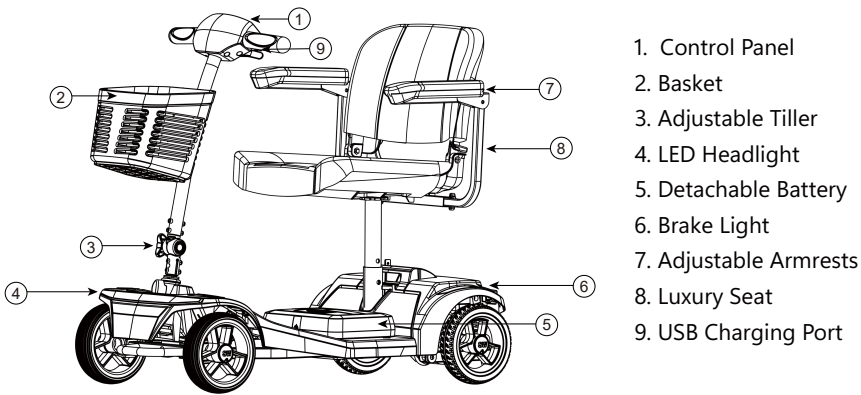
Regarding restraints, seat positioning straps, posture correction aids, or other accessories, qualified healthcare professionals and dealers must ensure such equipment is suitable for safe scooter operation. Serious injury can occur if you fall from the scooter. WE DO NOT RECOMMEND transporting the user while they are seated on the scooter.

Currently, there are no approved tie-down systems for transporting a user seated on a scooter in a moving vehicle. We advise transferring the user to appropriate vehicle seating with proper restraints for transportation.

## Intended Use

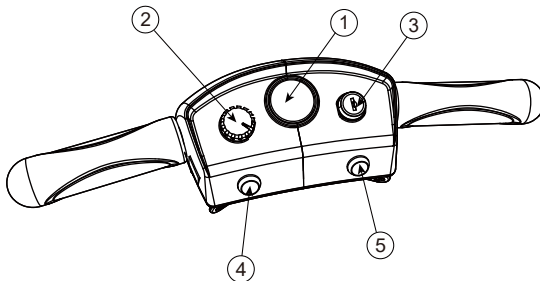
The device is intended for people who can barely walk but can operate a mobility scooter.

# Operation



## Control Panel

All drive controls are located on the tiller control box:



## The Preset Speed Knob

Turning the knob to the left reduces the maximum speed.

Turning it to the right increases the maximum speed (see figure 1) .

## The Battery Gauge

This provides an approximate battery charge level and is illuminated for clarity.

The gauge ranges from "RED" (empty) to "YELLOW" (charge required) to "GREEN" (charged).

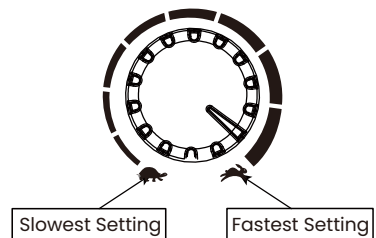


Figure 1: Preset Speed Knob Positions

# Operation

LEDS	BATTERY PERCENTAGE
● ● ● ● ● ● ● ●	91-100% remaining
● ● ● ● ● ● ●	76-90% remaining
● ● ● ● ● ●	61-75% remaining
● ● ● ● ●	46-60% remaining
● ● ● ●	31-45% remaining
● ● ●	21-30% remaining
● ●	10-20% remaining
●	<10% remaining

As the scooter moves over varying terrain, the Battery Gauge may fluctuate—it is normal. For a more accurate reading, stop the scooter. The gauge will dip more often in cold and damp weather, as battery capacity and efficiency decrease in these conditions.

## Tip

If the battery gauge enters the "RED" section, reduce your maximum speed to extend the remaining range. Charge the battery overnight as soon as possible to prevent damage.

## Operating the Lights

The lights are controlled by pressing the red button on the front fascia panel. Press once to turn on, press again to turn off. Switch on the lights to increase visibility in low light (day or night).

## Throttle Lever

The throttle lever controls speed and forward/reverse motion:

- To move forward: Push the lever inward with your right thumb(see Figure 2).
- To move backward: Push the lever inward with your left thumb(see Figure 3).

When the lever is released, it returns to its original position, and the scooter slows to a stop.

# Operation

The more you move the lever, the faster the scooter goes (up to the preset maximum). You can operate the scooter using only one side of the lever by pushing the chosen side.

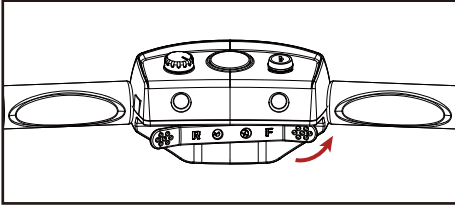


Figure 2: Forward Throttle Operation

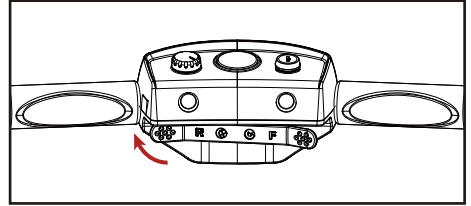


Figure 3: Reverse Throttle Operation

## Horn Button

Pressing the horn button produces an audible warning. Use it to alert pedestrians when necessary.

## Key Switch

The key switch turns the scooter ON and OFF.

Note: The key cannot be removed when in the ON position (see Figure 4).

Turning the key to OFF while driving will stop the scooter abruptly (see Figure 5). This is only recommended in emergencies—regular use may damage the scooter.

Always set the switch to OFF before getting on or off. To confirm the scooter is OFF, remove the key.

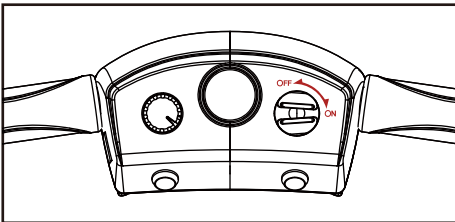


Figure 4: Key Switch (ON Position)

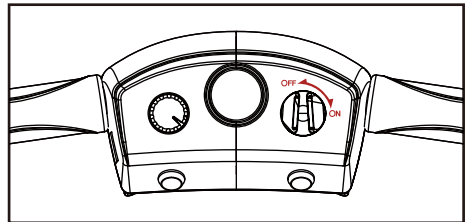


Figure 5: Emergency Stop via Key Switch

## Charging Socket

The charging socket is located on the battery pack (see Figure 6 and Figure 7).

To use: Swivel the plastic cover left or right to reveal the socket, then connect the charger output plug. After charging, rotate the cover back to prevent water from entering the socket.

# Operation

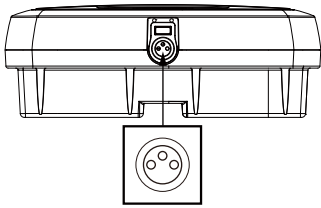


Figure 6: Charging Socket (Cover Closed)

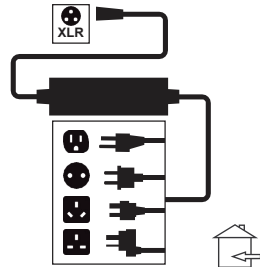


Figure 7 : Charging Socket (Cover Open)

## WARNING



Do not charge the scooter outdoors or in damp/wet conditions. Failure to comply may cause electric shock or fire.

## Freewheel mechanism

The freewheel device disengages the engine for manual operation only. Push the lever backward to re-engage the motor. Power off the scooter when moving the lever from unlock to lock position to ensure the scooter registers the change.

The lever is located on the right-hand side of the scooter's rear panel(see figure 8) .

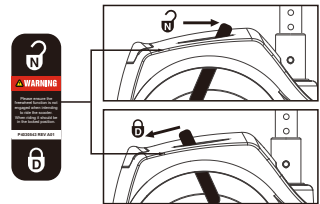


Figure 8 : Freewheel Lever Location

## WARNING



Use extreme caution in freewheel mode, especially on slopes. Letting go of the scooter will cause it to roll.

Ensure the freewheel function is disengaged before riding and re-engaged after use. Failure to do so may result in injury.

# Seat Removal and Adjustment

## Removing the Seat

1. Lift the armrests up for easier access to the seat lever(see Figure 9)
2. Stand behind the seat and fold the backrest down(see Figure 10).
3. Grab the seat base, pull the seat lever up, and lift the seat vertically(see Figure 11).
4. Place the seat in a safe location for stowage.

Note: Exercise caution when lifting the seat.

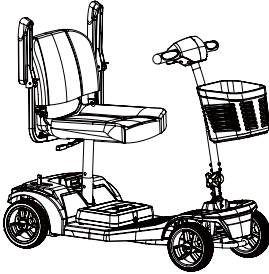


Figure 9:  
Armrest Position for Seat Lever Access

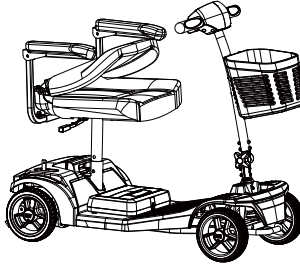


Figure 10: Folded Backrest

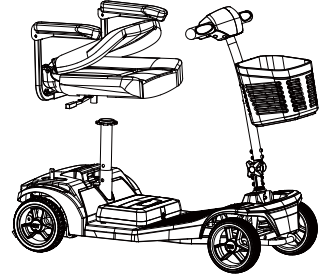


Figure 11: Seat Removal

## Seat Height Adjustment

1. Remove the seat base as described above.
2. Adjust the seat post to the desired position and refit the detent pin(see Figure 12).
3. Reattach the seat base.

## Armrest Adjustment

1. Loosen the adjustable screws.
2. Move the armrests to the desired position and retighten the screws to adjust the space between them (see figure 13) .
3. Adjusting the screws upward raises the armrests; adjusting downward lowers them(see figure 14) .

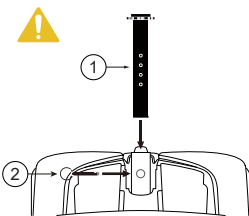


Figure 12: Seat Post Adjustment

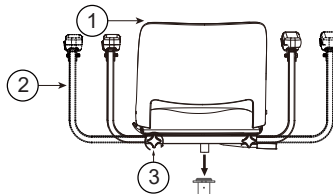


Figure 13 :  
Armrest Width Adjustment

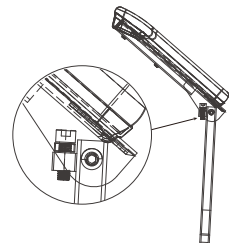


Figure 14 :  
Armrest Height Adjustment



# Tiller, Battery and Charging

## Tiller Adjustment

The scooter features an infinitely adjustable tiller, allowing you to lock it in the most comfortable driving position or fold it down fully for transportation/stowage(see Figure 15) . The folding knob is located on the bottom of the tiller.

To adjust:

1. Support the tiller with your left hand.
2. Rotate the folding knob counterclockwise to release the tiller.
3. Move the tiller to the desired position.
4. Rotate the folding knob clockwise to lock it.

## Battery Removal

First, remove the seat base and seat post for better access to the battery. Lift the battery vertically out of its tray using the provided handle (see figure 16) .

When reassembling:

- Insert the detent pin—failure to do so may prevent seat post removal and height adjustment.
- Keep the battery pack free of dirt and grit, as this affects performance.

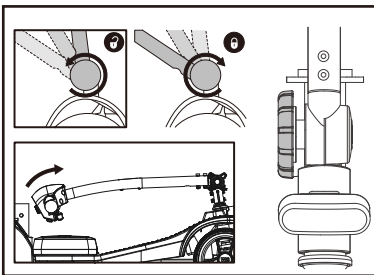


Figure 15 : Tiller Adjustment and Folding

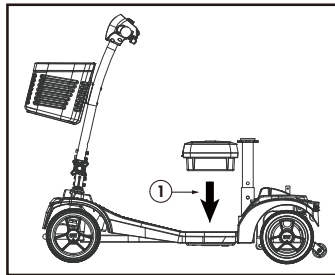


Figure 16 : Battery Removal

## Battery Charging

Your scooter includes a charger. Only use chargers from authorized dealers with a capacity of 2.0–6.0 Amps. Turn off the scooter before charging.

To charge:

1. Move the charger connector cover on the battery pack and connect the charger (see Figure 17).
2. Ensure the charger plug is dry and intact before connecting.

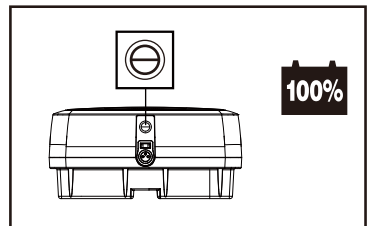
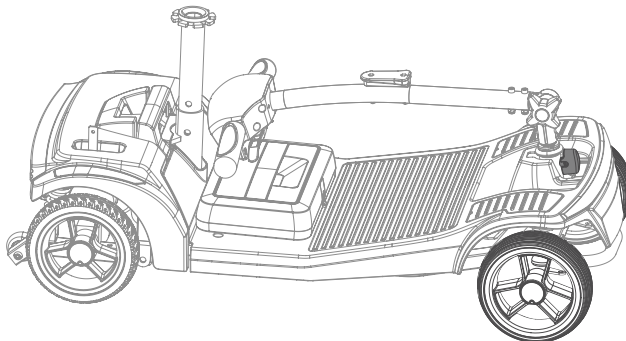
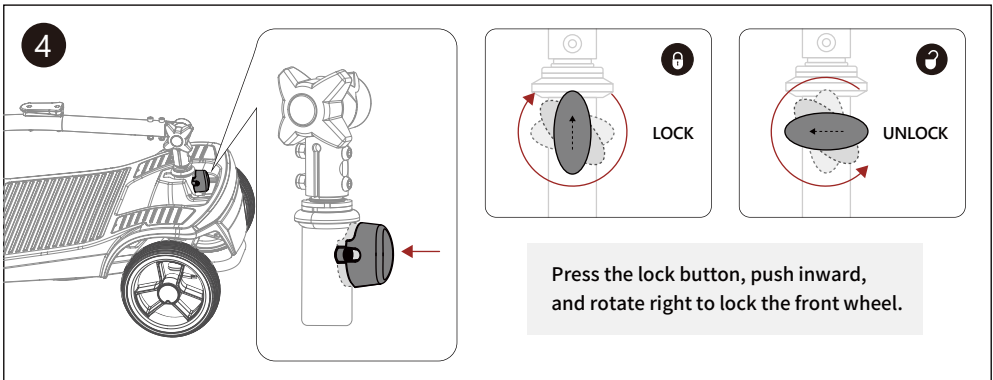
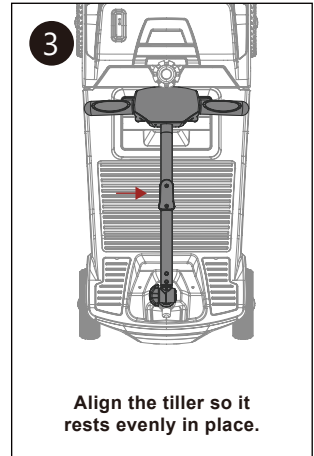
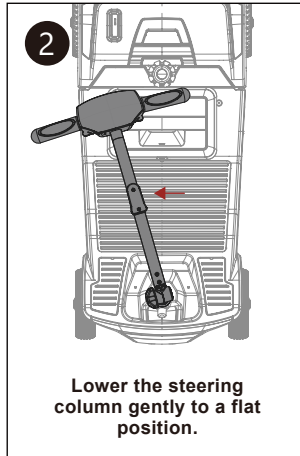
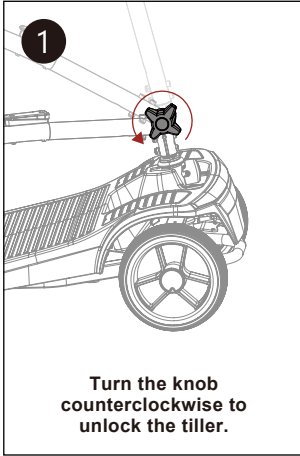


Figure 17: Charger Connection

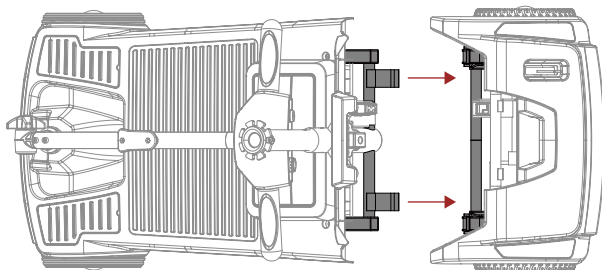
## Handlebar (Tiller) Adjustment



Lock the front wheel after folding for easier transport.

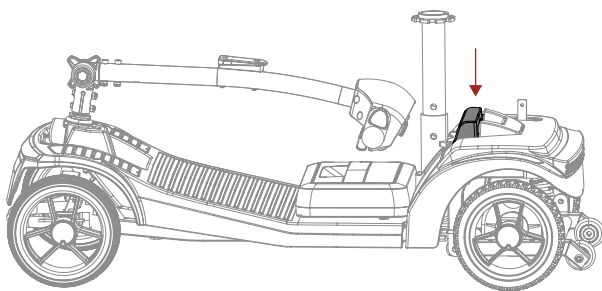
## Rear Wheel Assembly Installation

1



Align the latch with the rear support bar and lower the handle.

2



Listen for a “click” as the handle automatically returns to its locked position.



**ENSURE SECURE CONNECTION BEFORE USE**

# Tiller, Battery and Charging

## Note

### Operating instructions

- Ensure the power cord, charger, and battery connector are securely connected.
- Verify the charger's output voltage matches the battery.
- Connect the charger to the battery first, then plug the AC power cord into an outlet.

### LED indications

- Red light on: Power on, disconnect from the battery
- Orange light on: Charging
- Green light on: Full charged

### Troubleshooting(Charging)

1. Red light off when power is on:
  - Check if the charger's input cord is plugged into a functional outlet. If yes, the battery may be defective. Contact our support team: [www.forcemech.com](http://www.forcemech.com), [support@forcemech.com](mailto:support@forcemech.com), or 1-877-90-FORCE before sending the charger for repair.
2. Orange light off while charging:
  - Check if the charger and battery connectors are properly connected and the battery is not fully charged. If yes, the battery may be defective. Contact our support team for guidance.
3. Orange light turns green immediately:
  - Check if the battery is fully charged. If not, the charger may be defective. Contact our support team to arrange repair.

### Caution

- For indoor use only— do not expose to rain.
- Remove the charger from the outlet before disconnecting it from the battery.
- Charge in a well-ventilated area to avoid explosive gases or sparks.
- Only use the charger with 24V lead-acid batteries.

## Tiller, Battery and Charging

### **WARNING!**

Only use the original charger provided by Forcemech International. Using non-original chargers may shorten the warranty, damage the scooter, or cause fire.

Handle the battery and charger with extreme caution:

- Do not throw the battery into fire—dispose of it per local laws.
- Keep the battery away from heating devices to prevent explosion.
- Do not press, stab, or subject the battery to high pressure (may cause short-circuit or overheating).



- DO NOT TOUCH BATTERY PACK TERMINALS WITH METAL OBJECTS (including jewelry).

- DO NOT EXPOSE CHARGING BATTERIES TO NAKED FLAMES OR SMOKE.

- Replace damaged / leaking batteries immediately—wear gloves when handling leaking batteries.

- IF BATTERIES OR BATTERY BOXES ARE DAMAGED, CONTACT YOUR DEALER OR OUR SUPPORT TEAM: [www.forcemech.com](http://www.forcemech.com), [support@forcemech.com](mailto:support@forcemech.com), or 1-877-90-FORCE. DO NOT ATTEMPT TO REPAIR BATTERIES YOURSELF.

# Transportation

## Disassembling Transportation

1. Switch off the scooter.
2. Remove the basket.
3. Remove the seat.
4. Take out the detent pin and remove the seat post.
5. Use the folding knob to lower the tiller to its lowest locked position.
6. Use the lifting handles to carefully lift the scooter into the vehicle's luggage compartment.

### Tip

Place all disassembled parts in the original carton for safe transportation (**see Figure 18**). To reassemble, reverse the above steps.

### Important

When reassembling, insert the detent pin properly— failure to do so may prevent seat post removal and height adjustment. Secure all parts before transportation. Push the freewheel lever forward to prevent the scooter from moving. Do not sit on the scooter during transportation.

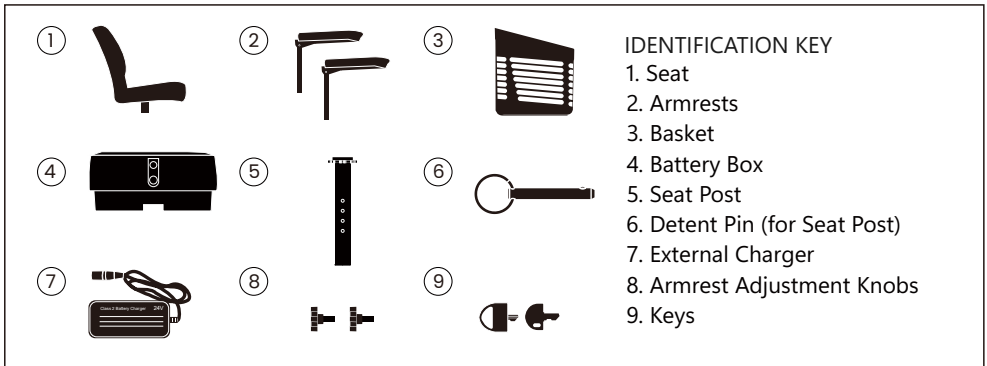


Figure 18 : Disassembled Parts in Original Carton

# Guidance for safe operation

## Basic Driving

For your first few uses, operate the scooter in an area clear of obstacles and pedestrians.

Before operating:

- Adjust the seat height/position and tiller angle for optimal safety and comfort.

To operate:

1. Sit properly, ensure the speed control knob is fully to the left, then turn the key to "ON".
2. Use the throttle levers to accelerate gently and release to stop—practice these functions until comfortable.
3. Steering is intuitive—allow enough clearance when turning to avoid rear-wheel obstacles.
4. Avoid shortcutting rough pavement corners (may damage rear wheels)—steer a wide curve instead.
5. For tight spaces (e.g., doorways): Stop, turn the handlebar to the desired direction, then apply gentle power. Use a slower speed setting for better control.
6. Reverse with caution (especially downhill)—turn the handlebars opposite to your desired direction. Reverse speed is 50% slower than forward speed. If the scooter doesn't reverse, turn the speed knob clockwise slightly.

## Important

The controller has a "sleep timer": If the scooter is ON but unused for 15 minutes, it enters "sleep mode". Reset by switching OFF and ON again.

Note: The user's visual acuity must be higher than 0.5.

## Hill Climbing

Hill-climbing capability and range may be reduced by:

- User weight (exceeding 310 lb).
- Use/weight of accessories.

## Guidance for safe operation

- Terrain (e.g., grass, gravel).
- Hill steepness.
- Battery charge level and age.
- Extreme temperatures.

Note: Do not traverse slopes greater than 12°.

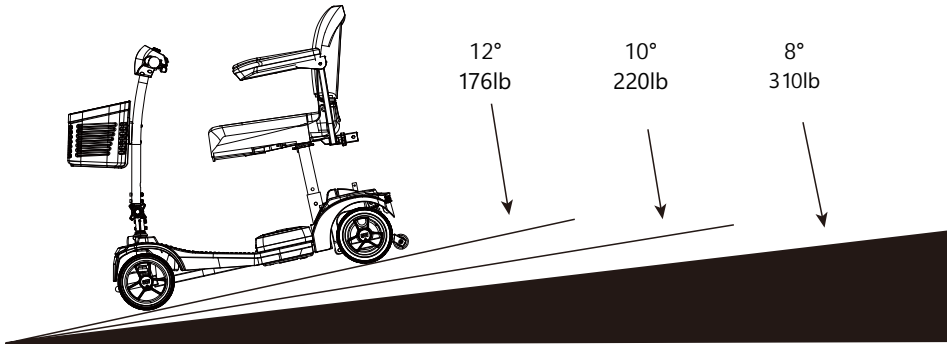


Figure 19 : Hill Climbing Capability by Weight and Slope

### Braking

To stop the scooter, release the throttle lever (see Figure 20). Keep both hands on the handlebars while braking. The scooter will stop within seconds, but automatic braking is not instantaneous—it engages within half a tire rotation.

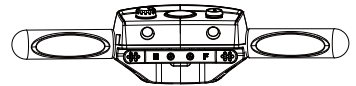


Figure 20 : Throttle Lever Release for Braking

### Emergency Braking

In an emergency, switching off the key will stop the scooter abruptly. This is highly effective but should only be used in crises—routine use causes damage.

Release the throttle lever for controlled stops.

### Switching off and Storage

Turn off the scooter with the key. For long-term storage (over one month):

1. Charge the batteries for 12 hours.
2. Disconnect the battery pack.
3. Store at or near room temperature.



# Guidance for safe operation

## Use on the Footpaths

- Be aware of pedestrians (especially those with children/pets) and drive cautiously in public.
- Use minimum speed in confined areas (e.g., shops).
- Do not obstruct footpaths/vehicular access when leaving the scooter outside.
- Always switch off and take the key with you.

## Crossing roads

The scooter cannot mount/dismount curbs/obstacles exceeding 1.8 inches.

Before crossing:

1. Position the scooter 90° to the road, 12–24 inches (1–2 feet) from the footpath edge.
2. Check for traffic.
3. Select a medium-high speed setting.
4. Drive across without stopping when safe.

Note: Heavier users (closer to 310 lb) may need higher speed settings.

## Turning corners

Reduce speed when turning—ignoring this may cause the scooter to tip. Do not remove anti-tip devices. Use a lower speed setting when downhill or reversing.

## Use of mobile phones

Do not use mobile phones/radio devices while operating. Stop and turn off the scooter first if you need to use such devices.

## Tires

Regularly inspect tires for damage or wear.

# Battery and charging information

## General information

Batteries power most modern mobility products. Unlike car batteries (designed for short bursts of power), mobility "deep-cycle batteries" release power evenly over long periods. They cost more due to lower production volumes and higher tech requirements. Most mobility scooters use two 12V batteries (total 24V). Battery size (available power) is measured in ampere-hours (Ah)— higher Ah means larger batteries, longer range (**see figure 21**) .

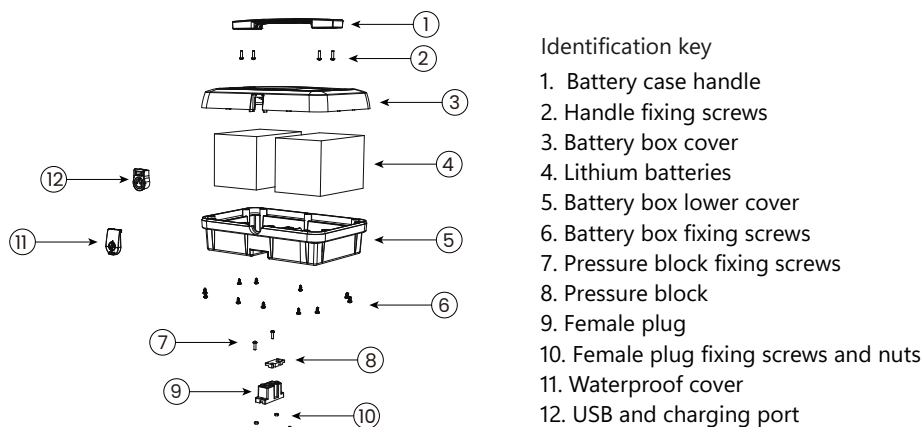


Figure 21: Battery Components

## Batteries

Your scooter uses maintenance-free batteries—only regular charging is needed. Handle damaged batteries with extreme caution.

Battery electrolytes are corrosive:

- Avoid skin/clothing contact—wash with soap and water if exposed.
- If electrolyte enters the eye, flush with cold running water for 10+ minutes and seek medical help.

In such cases, contact your dealer or our support team: [www.forcemech.com](http://www.forcemech.com), [support@forcemech.com](mailto:support@forcemech.com), or 1-877-90-FORCE.

Recycle batteries per local laws—do not dispose of in normal waste.

## Maintenance free

These use sealed GEL electrolytes, allowing safe transportation (no acid spillage) and approval for aircraft, boats, and trains.

# Battery and charging information

Transport and store batteries upright. Only use batteries from authorized dealers.

## Charging Battery Care

- Do not expose batteries to direct heat—charge on a hard, well-ventilated surface indoors.
- Do not smoke or have naked flames near charging batteries.
- Do not allow batteries to freeze.
- Remove conductive jewelry before checking terminals (prevents short-circuit).

## Battery Pack Care

Follow these guidelines to maintain performance:

1. Use only approved, compatible chargers.
2. Charge for 8–10 hours before first use.
3. Do not interrupt charging cycles.
4. Recharge when the battery indicator shows low—do not charge daily if unnecessary.

## Range of Vehicle

Stated range is a theoretical maximum—variations occur due to motor efficiency and load weight. Range may be reduced if:

1. User weight exceeds 310lb.
2. Batteries are old/damaged.
3. Terrain is difficult (e.g., hilly, muddy, snow).
4. Indoor use on thick carpets.
5. Extreme temperatures.
6. Tire damage.
7. Frequent starts/stops.

Note: Reduce maximum speed to extend range if the battery gauge is low.

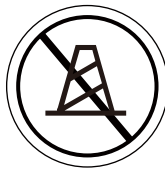
# General warning



Never operate under the influence of alcohol.



Never use electronic radio transmitters (e.g., walkie-talkies, phones) while operating.



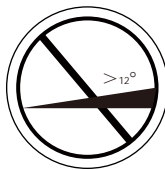
Check for obstacles behind you before reversing.



Do not ride in traffic.



Do not ride in snow (slippery roads cause accidents).



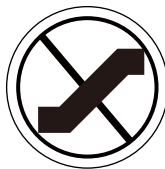
Do not climb/descend ramps exceeding 12°.



Do not make sharp turns at high speeds (forward/reverse).



Do not climb curbs beyond technical limitations (max 1.8 inches).



Do not use escalators to move the scooter (risk of serious injury).

## Personal & Operational Guidelines

Driver profiles should only be adjusted by healthcare professionals or authorized dealers—individuals familiar with the process and the user's capabilities. Incorrect settings may cause injury or damage.

To determine mobility limitations:

- Practice bending, reaching, and mounting/dismounting.
- Users with balance issues should practice with an assistant and healthcare professional.

For profile adjustment questions, contact your dealer or support: [www.forcemech.com](http://www.forcemech.com), [support@forcemech.com](mailto:support@forcemech.com), or 1-877-90-FORCE.

## General warning

### Additional Warnings:

- Switch on lights in low light (day/night) for visibility.
- Do not stand on body panels— only the foot pedal. Do not stand on the seat.
- Ensure the seat is LOCKED in the forward position before/during operation— unsafe transfers or unlocked seats cause injury.
- Ensure the tiller is properly adjusted and secured (test by pushing/pulling)— unsecured tillers cause injury.
- Releasing the throttle on an incline causes rollback (12 inches/1 foot before brakes engage).
- Check all electrical connections before use— do not disconnect/cut/modify wiring (shock hazard).
- Use only DEEP-CYCLE GEL, AGM, or SEALED LEAD-ACID batteries— other types are unsuitable. Read battery/charger info before installation.

# Specifications

Measurements are for guidance only. Small differences may occur.

Parameter	Liberty
Length	39"
Rear width	25"
Height	36"
Max user weight	310lbs
Battery capacity	12AH
Max safe slope	12 degrees
Turn radius	48"
Seat - base height	21"
Max speed	5MPH
Wheel diameter front	7"x2.0"
Wheel diameter rear	7.2"x2.0"
Charger off-board	DC24V2A AC100-240V
Range	10-15Miles
Scooter weight	78lbs
Seat weight	16lbs
Battery weight	6lbs
Front basket weight	1lb
Ground clearance	3"
Controller	S1U-2405
Category classification to prevent electric shock	Class A
Classification of the degree of water resistance	IPX4
Volts of the mobility scooter power	24VDC (2 units)
Type of power	DC24V

# Routine maintenance

## Daily

- Check the battery charge indicator on the tiller before use.

## Weekly

- Clean panels, battery wells, tiller, and seat with a damp soft cloth and mild detergent.
- Inspect tires for debris, oil, deep cuts, or distortion.
- Charge batteries for a minimum of 8 hours.

## Quarterly

- Check tires for visible, continuous tread.

## Annually

- Full dealer service.
- Inspect seat swivel/slide, wiring/connectors, battery terminals, parking brake, stabilizer wheels, and motor brushes.

For maintenance questions or to schedule service, contact your dealer or support: [www.forcemech.com](http://www.forcemech.com), [support@forcemech.com](mailto:support@forcemech.com), or 1-877-90-FORCE.

## Storage

For long-term storage (over one month):

1. Charge batteries for 8 hours.
2. Disconnect batteries to minimize discharge.

## Electronic faults

Do not attempt to repair the control box, control pod, or charger— no user-serviceable parts. Contact authorized dealers for spare parts/services.

## Replacing LED

Caution! Disconnect batteries before changing the LED.

## Wheels

Wheels should only be removed/refitted by authorized dealers.

## Trouble shooting guide

Sympton	Possible Cause	Solution
Shortened range	Batteries not charged long enough	Charge for 8+ hours
	Weak batteries (cannot hold charge)	Replace battery pack; contact support for assistance
Battery pack not charging/ empty after charging	Battery pack fault	Replace charger; contact support for guidance
	Charge fault	Contact dealer or support team
	Damaged charger loom/plug	Check and replace if needed (contact support for parts)
	Loose connection	Try a different wall socket
	No outlet output	Unplug & change fuse
	Blown fuse in charger mains plug	Switch off and reset the button
	Battery pack reset button popped out	Switch off and press button back in
	Blown charger output fuse	Unplug and contact dealer
	High charging current; faulty batteries	Replace battery pack
	Scooter ON during charging	Turn scooter off
No drive	Brake release lever disengaged	Engage the lever (lock it)
	Flat batteries	Charge for 8+ hours
	Scooter not switched on	Ensure the key is switched on



## Trouble shooting guide

Sympton	Possible Cause	Solution
	Battery pack not fully engaged	Ensure secure connection to connectors
	Charger plugged in	Unplug charger
	Battery pack reset button popped out	Reset circuit-breaker
	Disconnected loom or plugs	Check all connections
	Control system fault	Contact dealer or support
Motor runs irregularly and/or noisily	Electrical malfunction	Contact dealer or support
	Control system fault	Contact dealer or support
Do not open the control system, battery pack, looms, plugs, or charger— no user-serviceable parts.		

The scooter has a self-diagnostic controller that emits beeps for errors. Note the number of beeps (short delays between sequences) and refer to the table below:

Number of beeps	Represent	Possible cause	Solution
●	Low battery power	Not enough power	Charge the battery
●●	Low battery voltage	Not enough power	Charge the battery
●●●	High battery voltage	Overloading or climbing	Reduce speed while climbing; check connections

## Trouble shooting guide

Number of beeps	Represent	Possible cause	Solution
●●●●	High electric current	Exceeds motor limit	Check motor/wiring; switch off, wait, then restart
●●●●●	Freewheel level issue	Level is on	Power off, lock the rear lever, then restart
●●●●●●	Acceleration variable resistor issue	Not in neutral position	Adjust to neutral; reduce climbing speed
●●●●●●●	Speed limit resistor issue	Faulty resistor/wiring	Check components; contact support if needed
●●●●●●●●	Motor voltage issue	Motor/wiring fault	Check motor/wiring; contact dealer/support
●●●●●●●●●	Other issues	Internal controller fault	Check all connections; contact support

# Warranty

## One-year limited warranty

Drivetrain parts (transaxle, motor, brake) and all electrical parts (controllers, chargers) are covered for one year.

Any attempt to open or dismantle these parts voids the warranty.

## Six-Month limited warranty

Batteries are covered by a six-month warranty from the original manufacturer.

## Not covered under warranty

Wear items (subject to normal use) are not covered: tires, seat belts, bulbs, upholstery, plastic shrouds, motor brushes, fuses.

Warranty is also void for damage from misuse or accidents for which Forcemech International is not responsible.

**NOTE:** Forcemech International provides parts only under warranty. Authorized dealers handle labor and services.

For service info or charges, contact your authorized dealer or support team: [www.forcemech.com](http://www.forcemech.com), [support@forcemech.com](mailto:support@forcemech.com), or 1-877-90-FORCE.

## Support Channels

- Website: [www.forcemech.com](http://www.forcemech.com)
- E-Mail: [support@forcemech.com](mailto:support@forcemech.com)
- Phone: 1-877-90-FORCE

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