

JOYOR ELECTRIC SCOOTER

User Manual



JOYOR

Please do not modify this electric scooter without authorization.

Any adverse consequences resulting from modifications will be borne by the user.

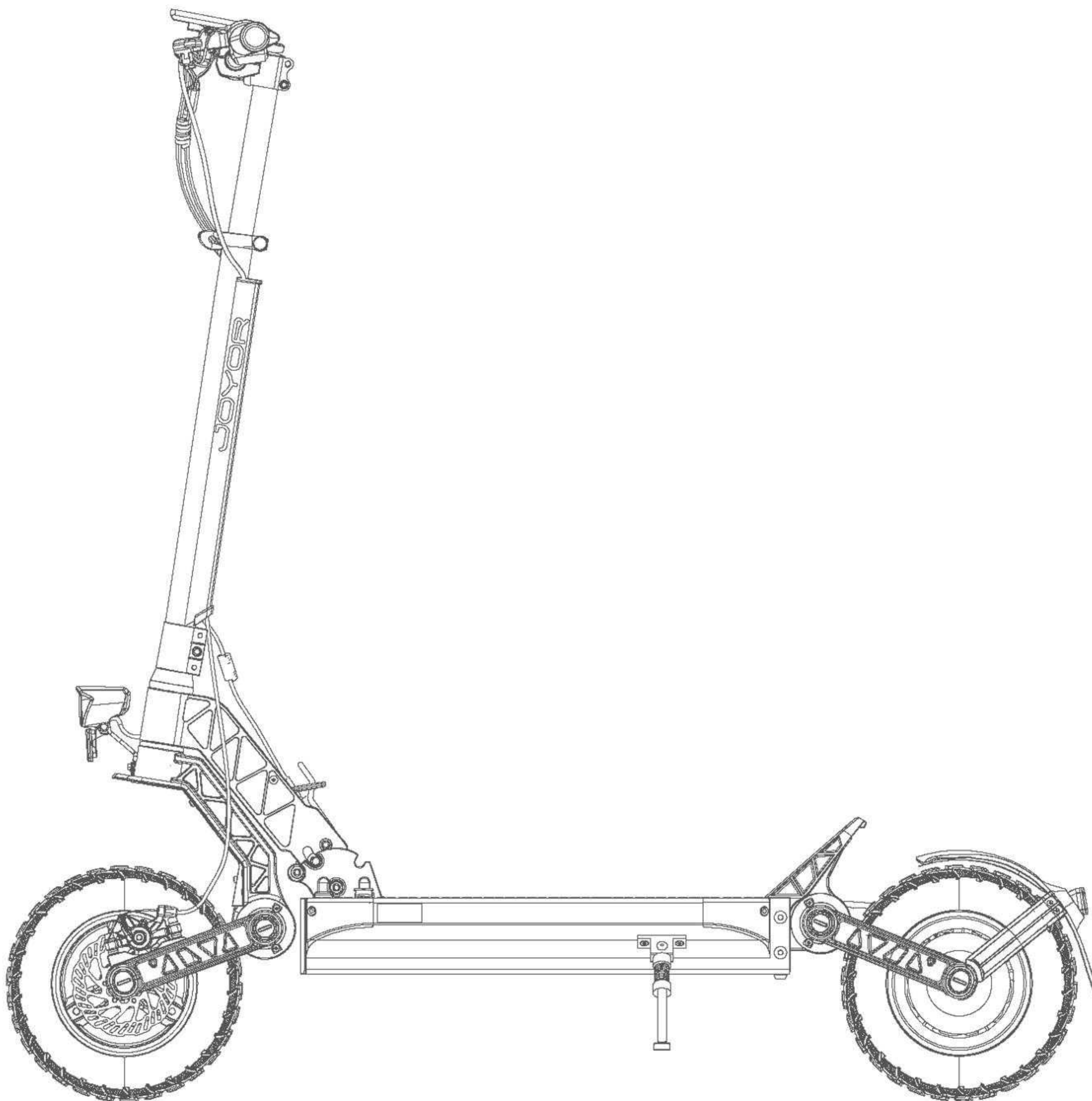
JOYOR ELECTRIC SCOOTER

User Manual

Please read this manual carefully as it contains important safety information!

Do not use the electric scooter before fully understanding its performance.

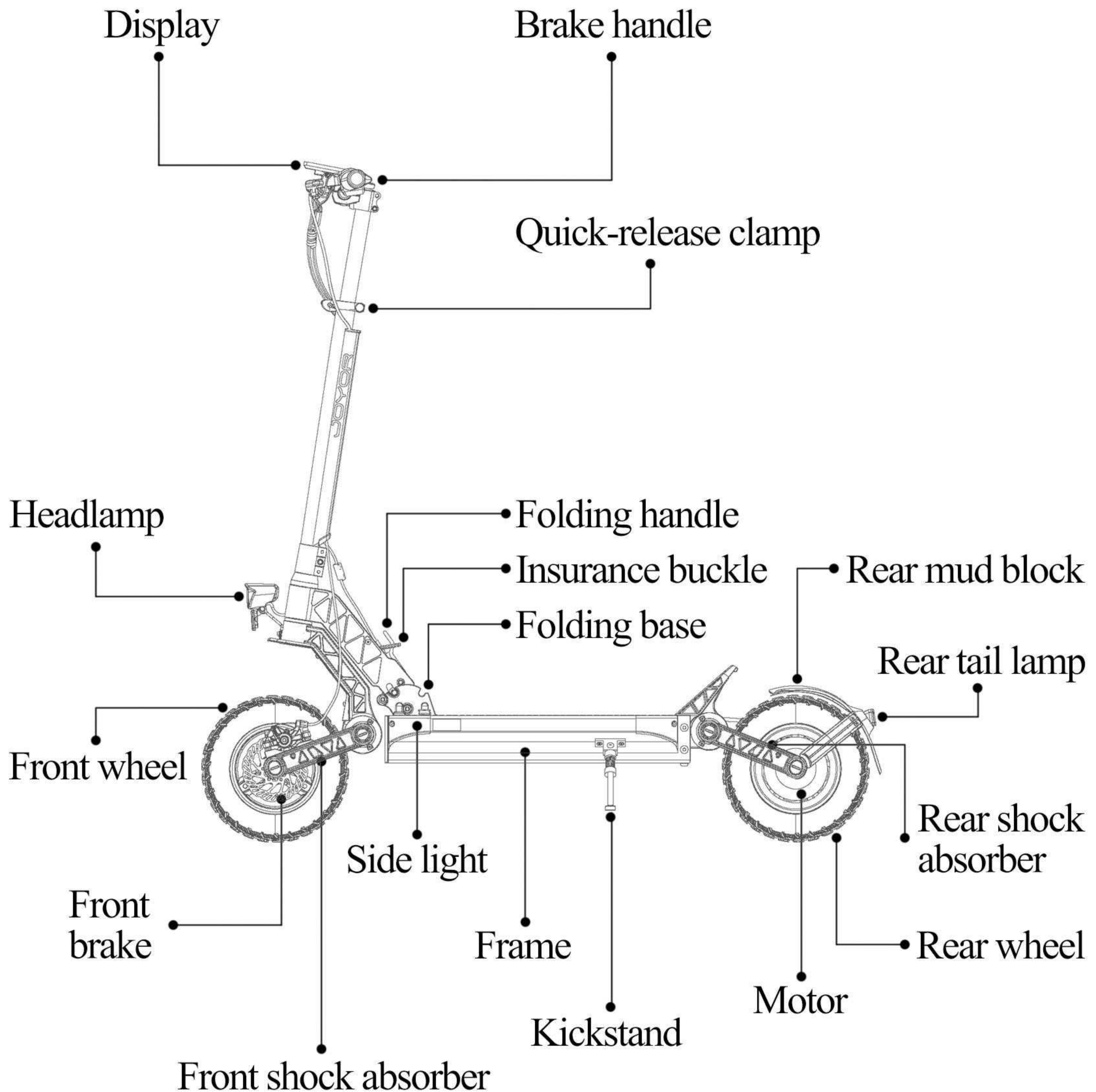
Keep this manual in a safe place for future reference.



CONTENT

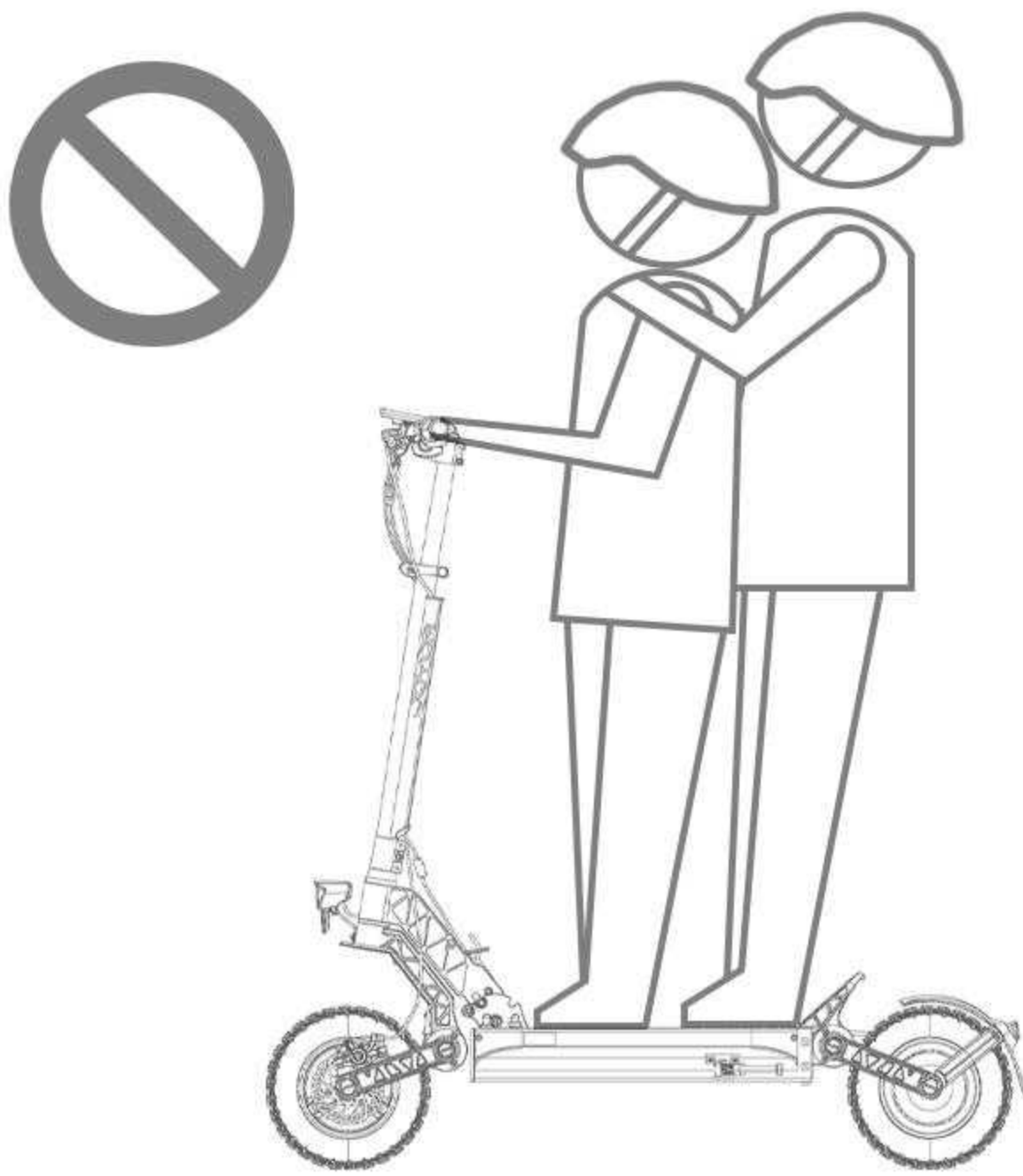
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1. Main Components

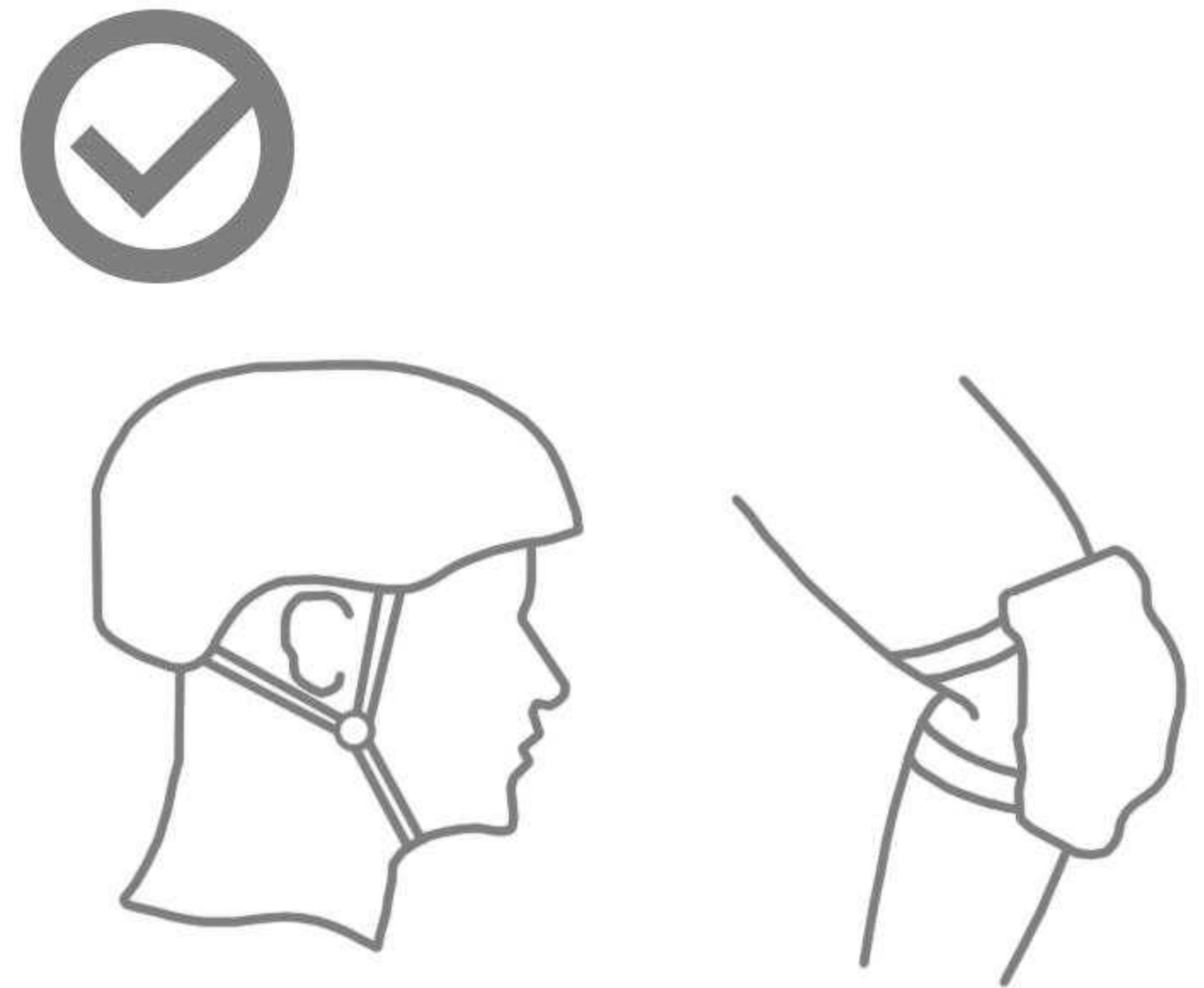


2.Safety Guidelines

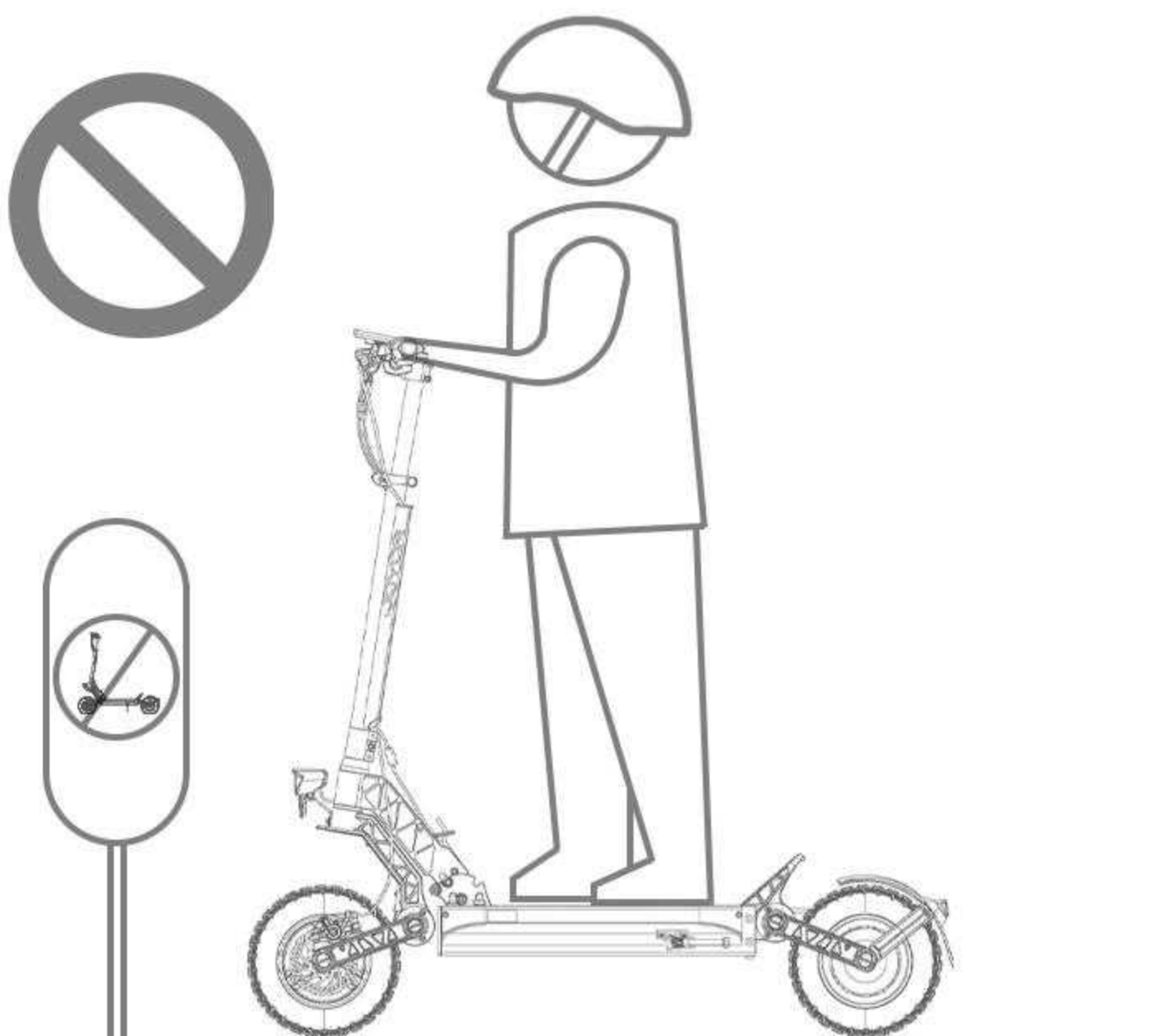
1. Do not carry additional passengers, as this electric scooter is designed for adult use and intended for one rider. Minors should ride only under adult supervision.



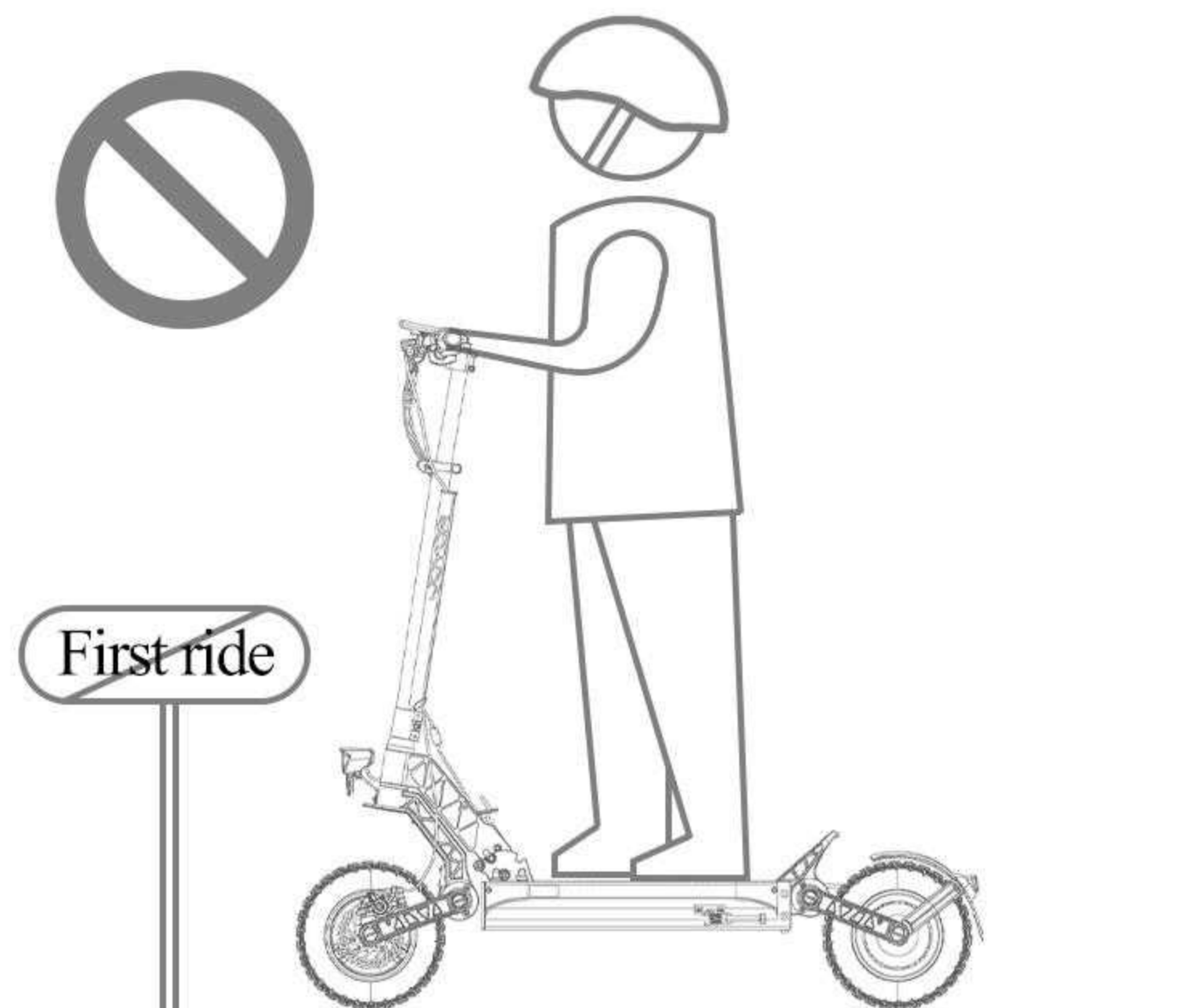
2. Always wear a safety helmet and other appropriate protective gear when riding this product to ensure your safety .



3. Do not ride this product in unsafe locations, such as motor vehicle lanes or areas that violate regulations.



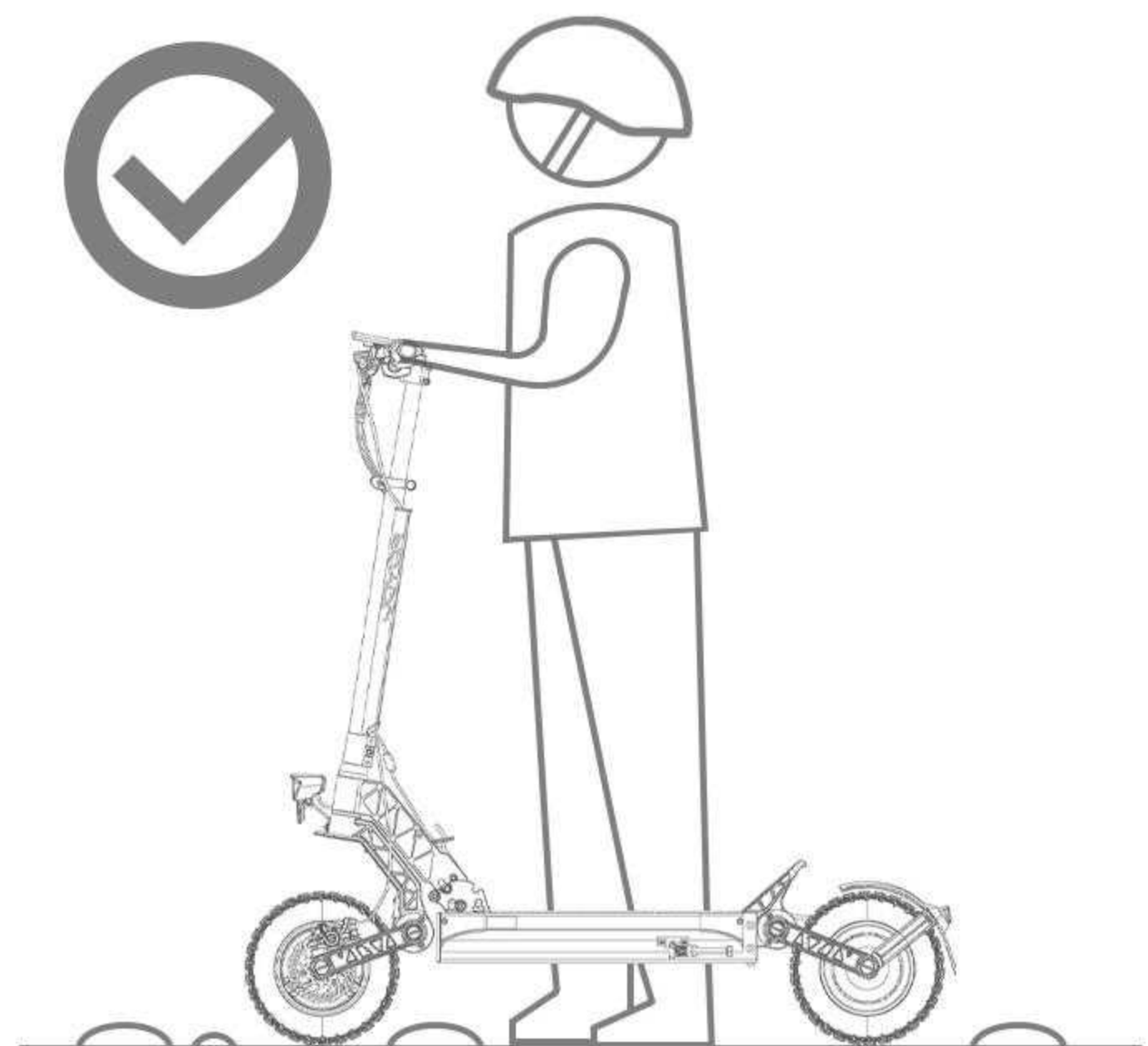
4. Do not ride on the road until you are proficient; practice in an open space first.



5. Do not perform dangerous maneuvers or riding with one hand while the scooter is in motion; keep both feet on the scooter.



6. Do not use this product in temperatures below -5°C .



7. Avoid high speeds when encountering rough or uneven surfaces; reduce speed or dismount and walk the scooter.

8. Do not turn off the power while the scooter is in motion.

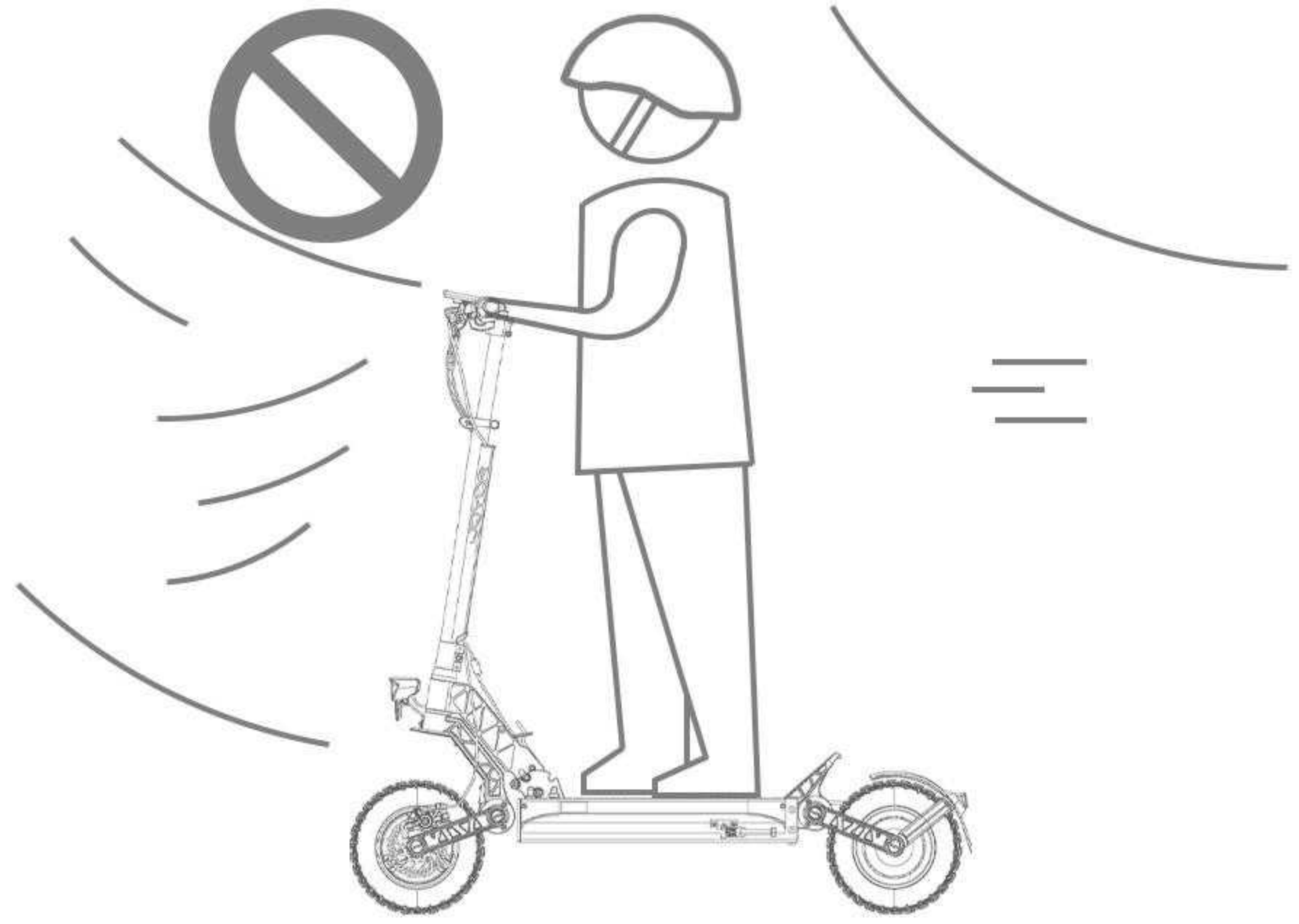
9. Avoid long periods of inactivity with this product by ensuring it is charged at least once a month, while keeping the charging port clean and dry.

10. Do not expose the scooter to direct sunlight for prolonged periods or storing it in a high-temperature enclosed space.

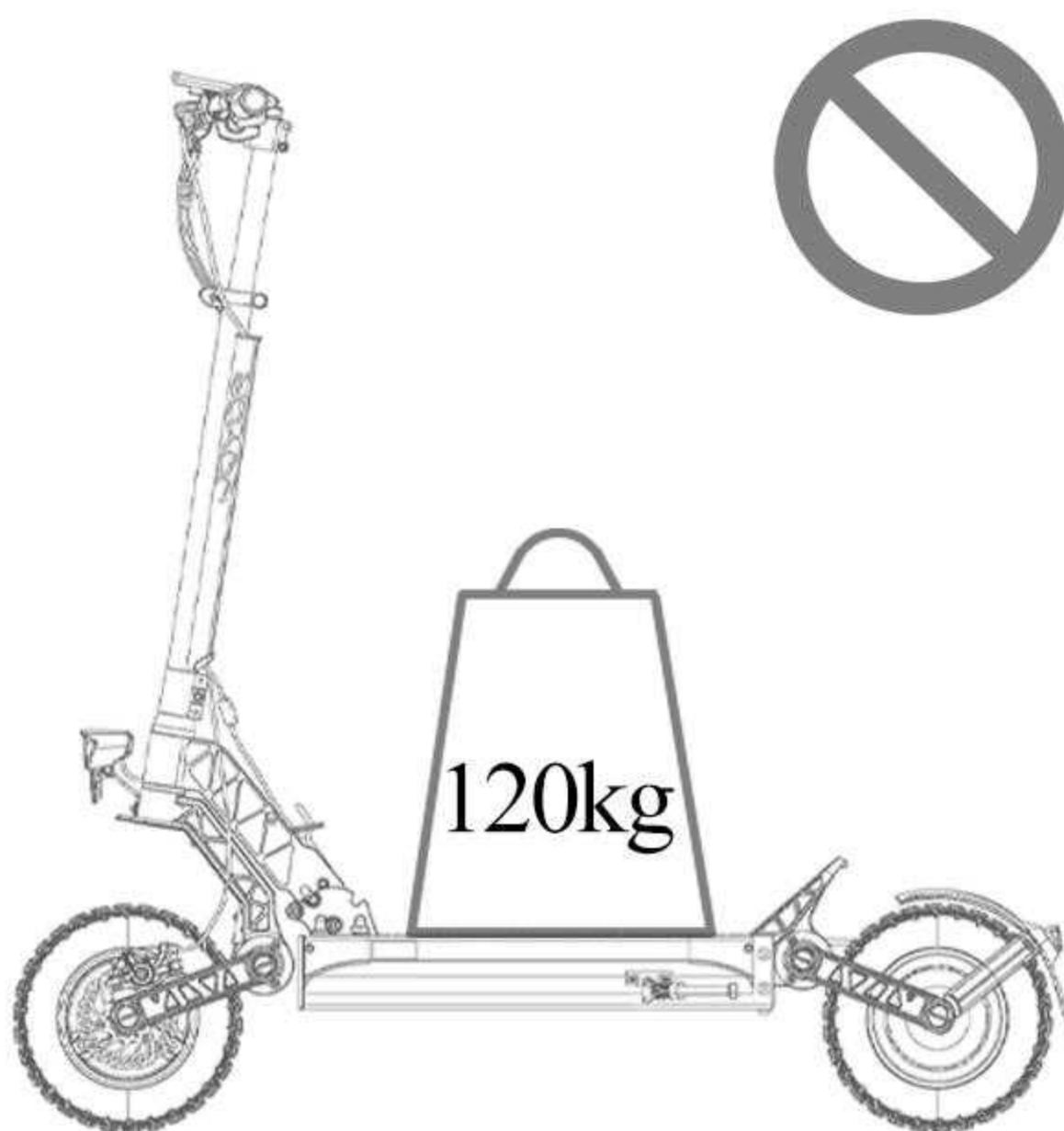
11. Do not ride this product on surfaces that are oily, icy, or otherwise slippery.



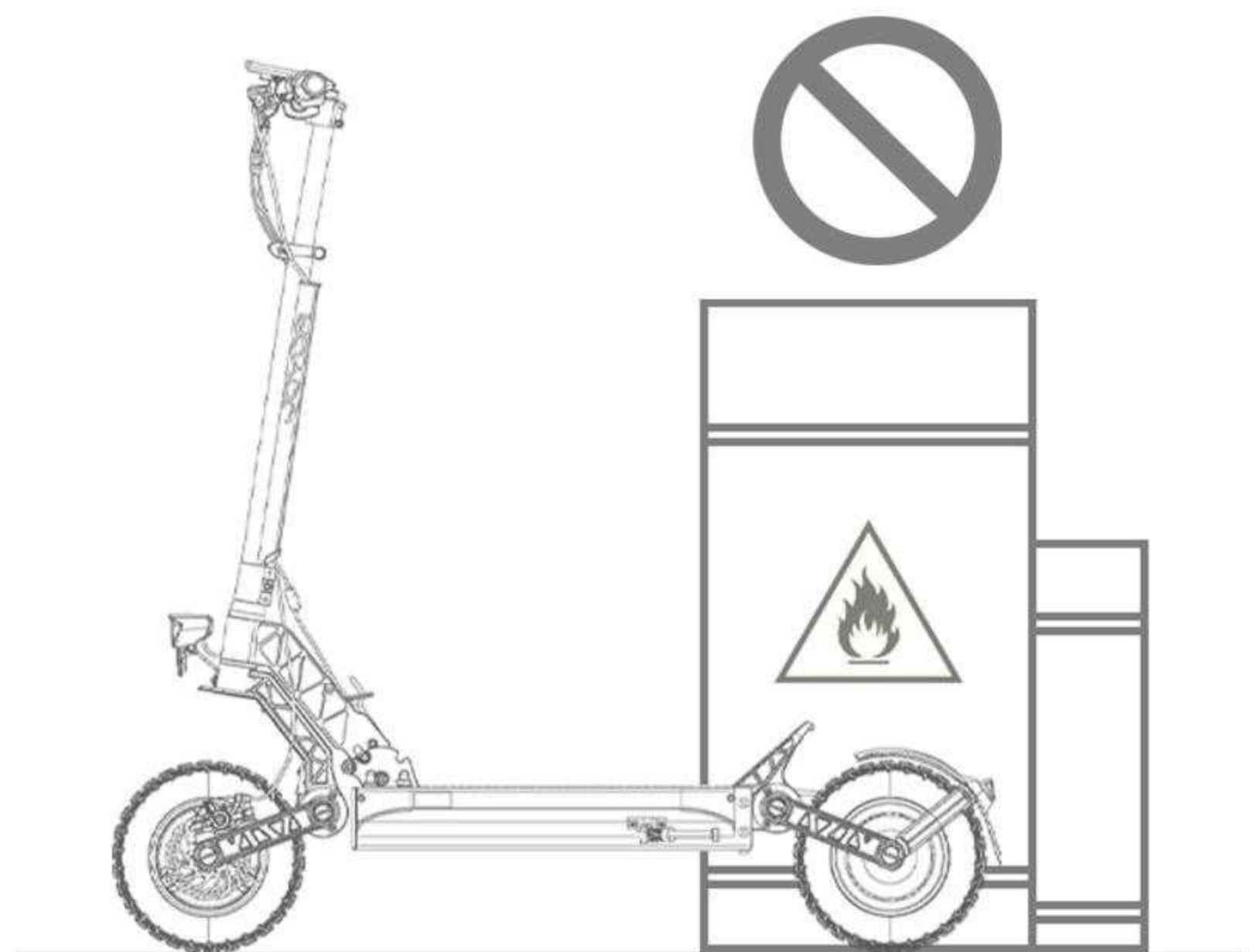
12. Do not ride in severe weather conditions, such as heavy rain, snow, or strong winds to prevent unnecessary injuries.



13. Do not exceed the manufacturer's specified maximum load capacity, which is detailed in this user manual.



14. Do not use the electric scooter in extreme temperature conditions, and keep it away from flammable materials and open flames.



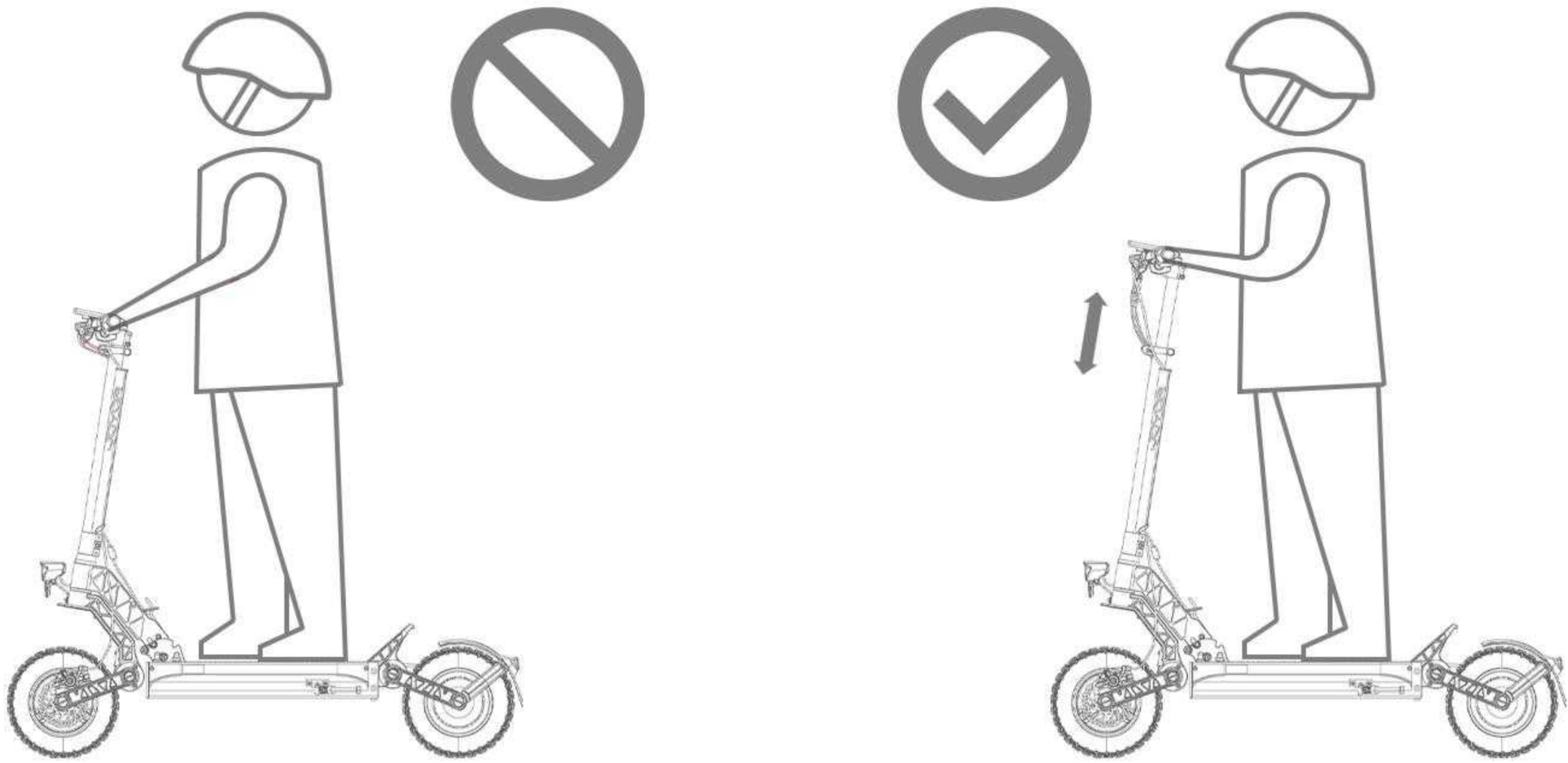
15. Avoid using chargers other than the one provided by the manufacturer to prevent safety issues.

16. Ensure supervision while charging the scooter.

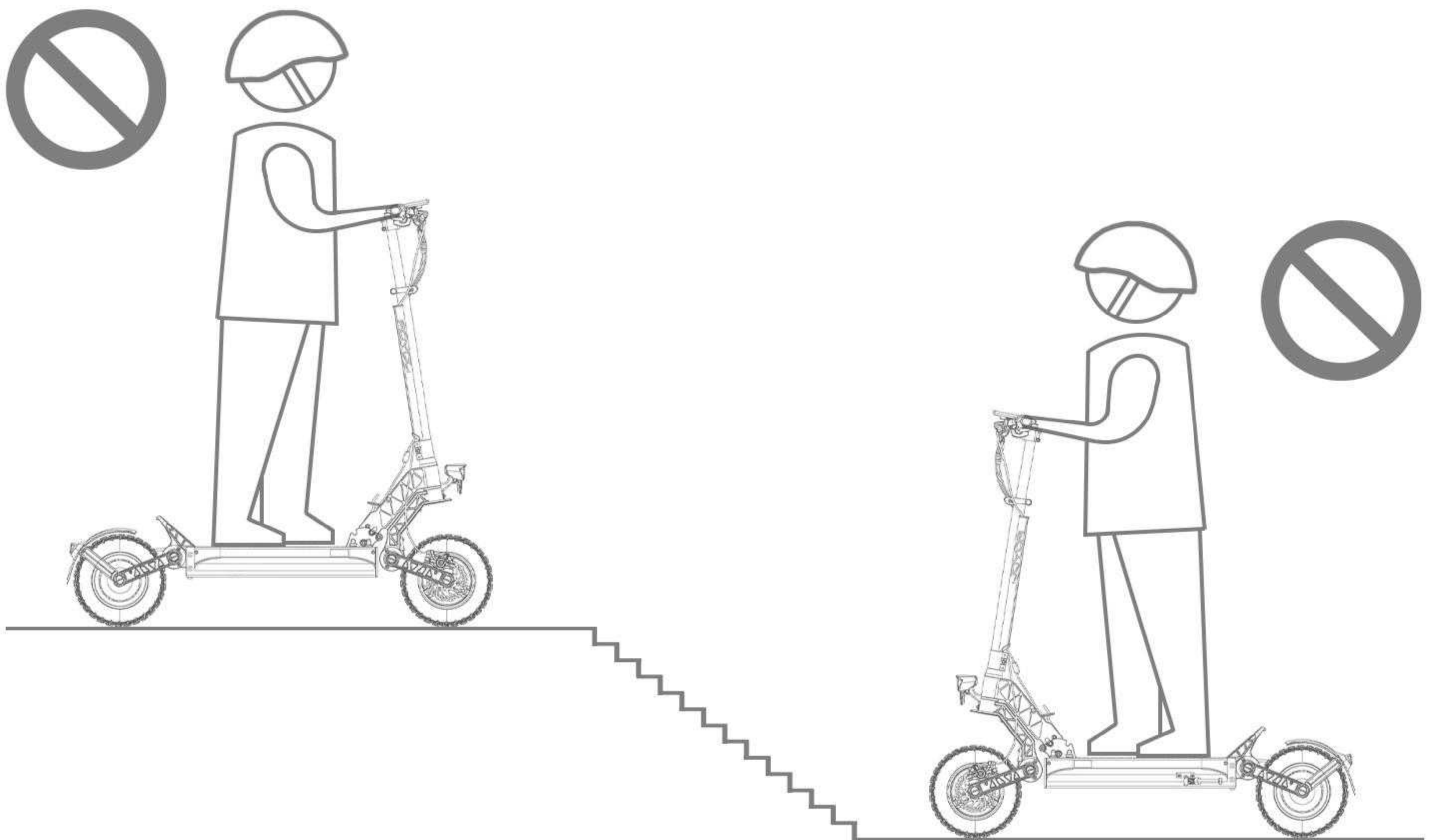
17. Avoid charging the scooter in enclosed spaces; charge it in an open area and stop charging if the charger becomes excessively hot.

18. Avoid storing the scooter in excessively damp environments.

19. Adjust the product height to the appropriate level to ensure safe riding.



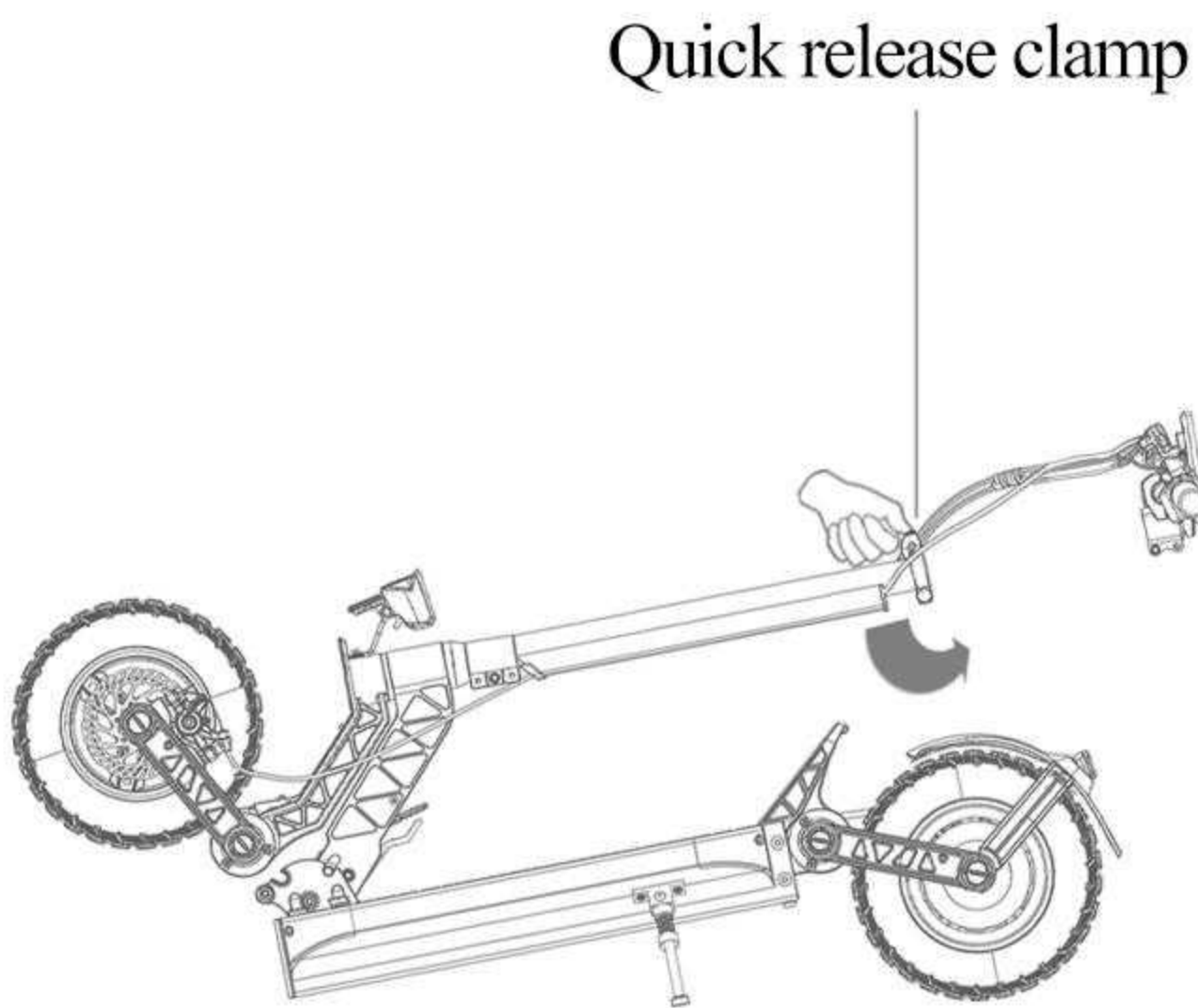
20. Do not attempt to directly pass steps with a gap of more than 3 centimeters. That may cause the vehicle to overturn, resulting in injury to the rider or damage to the vehicle. Try to avoid steps with a gap of less than 3 centimeters as well.



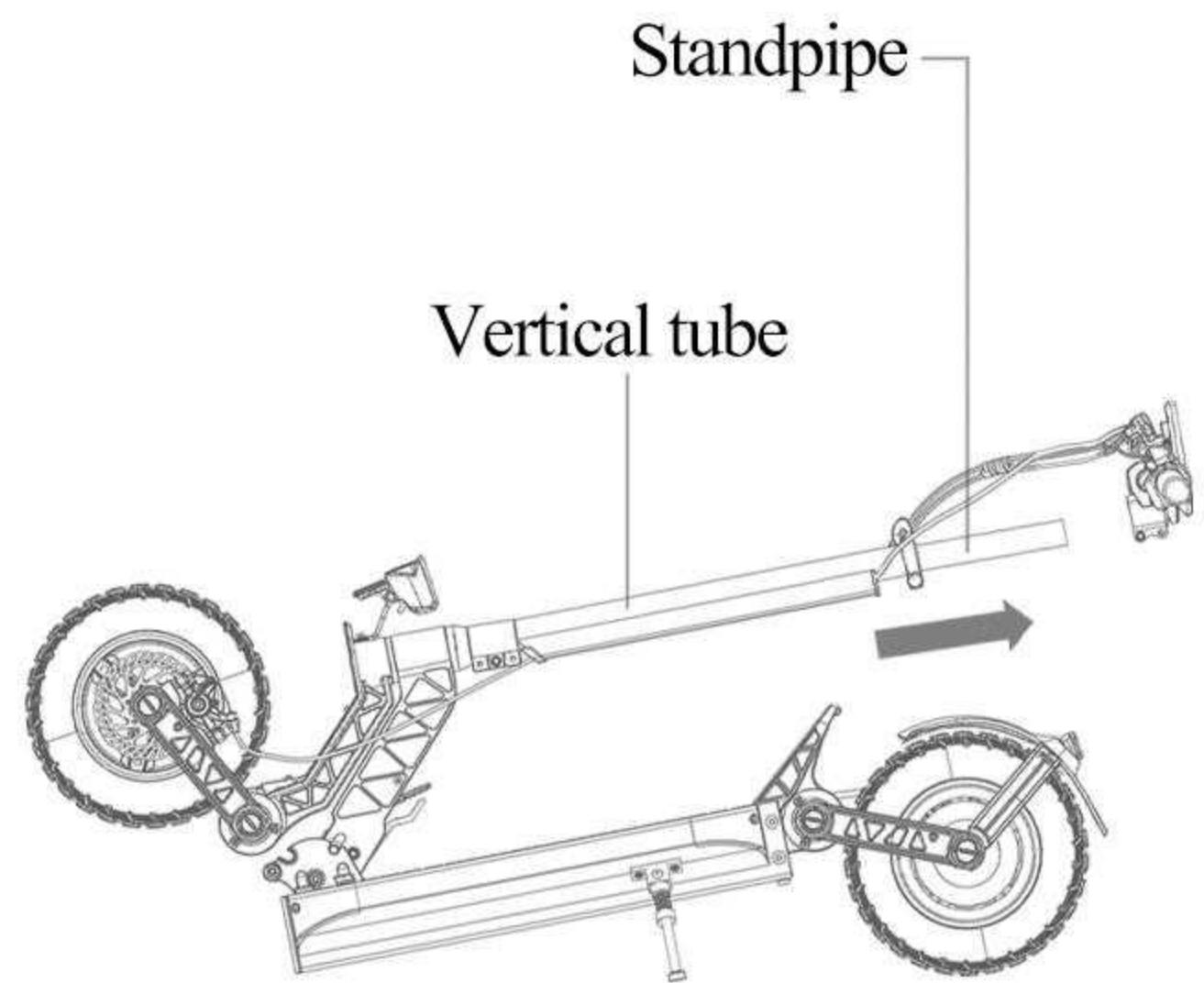
21. Avoid riding through puddles deeper than 3 cm to prevent water damage to the electrical components.

3.Assembly Procedure

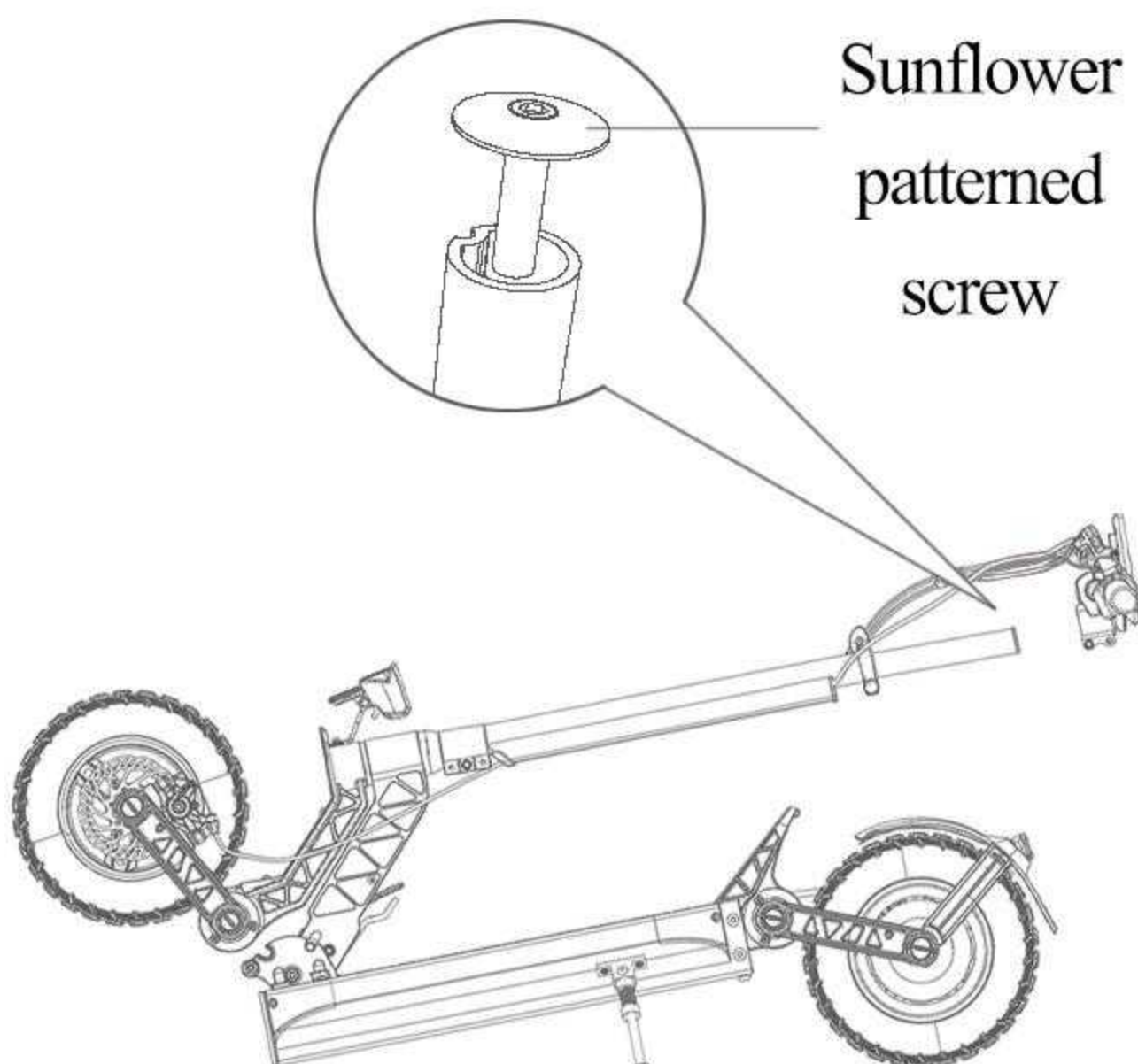
1.Remove the new scooter from the packaging and pull open the quick-release clamp on the main standpipe.



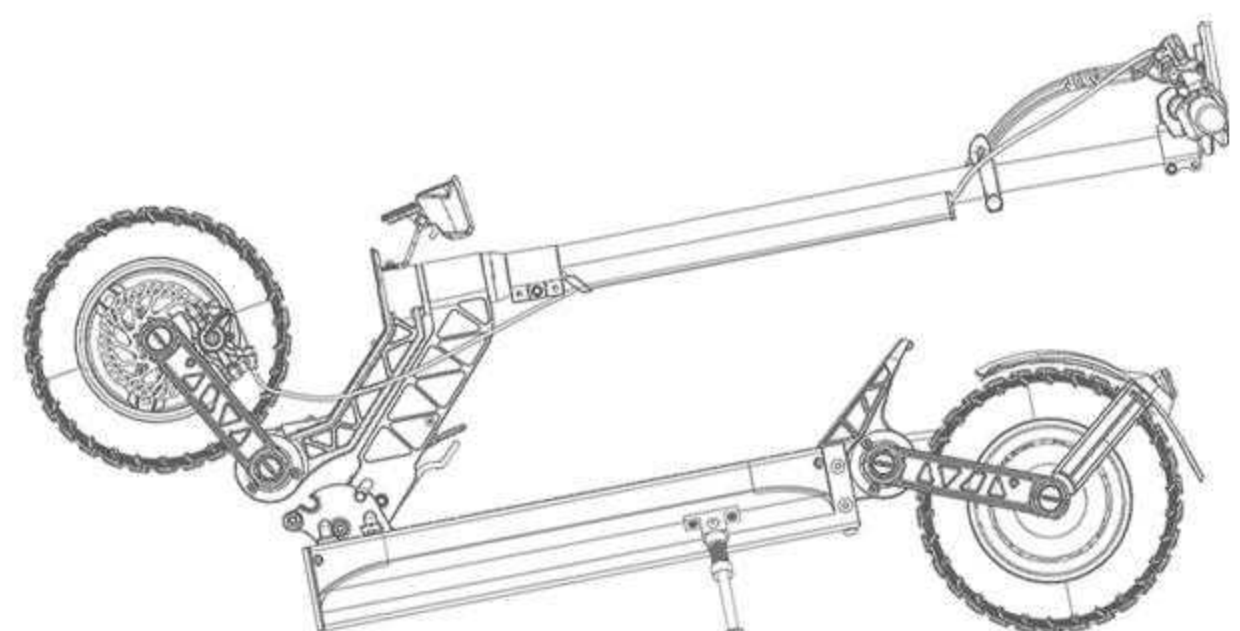
2.Pull the vertical tube out of the main standpipe to an appropriate length and secure it by tightening the quick-release clamp.



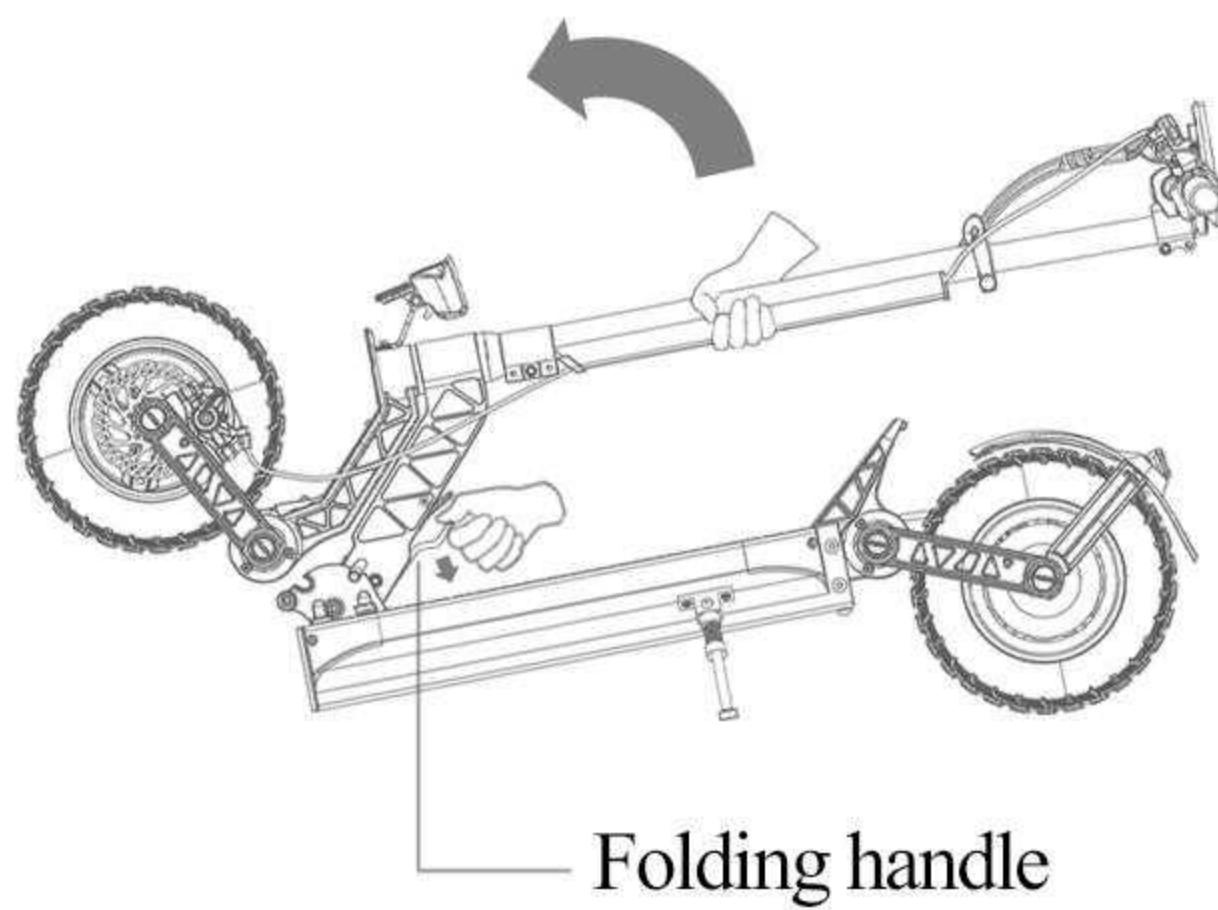
3.Use the provided allen wrench to remove the sunflower patterned screw on the vertical tube.



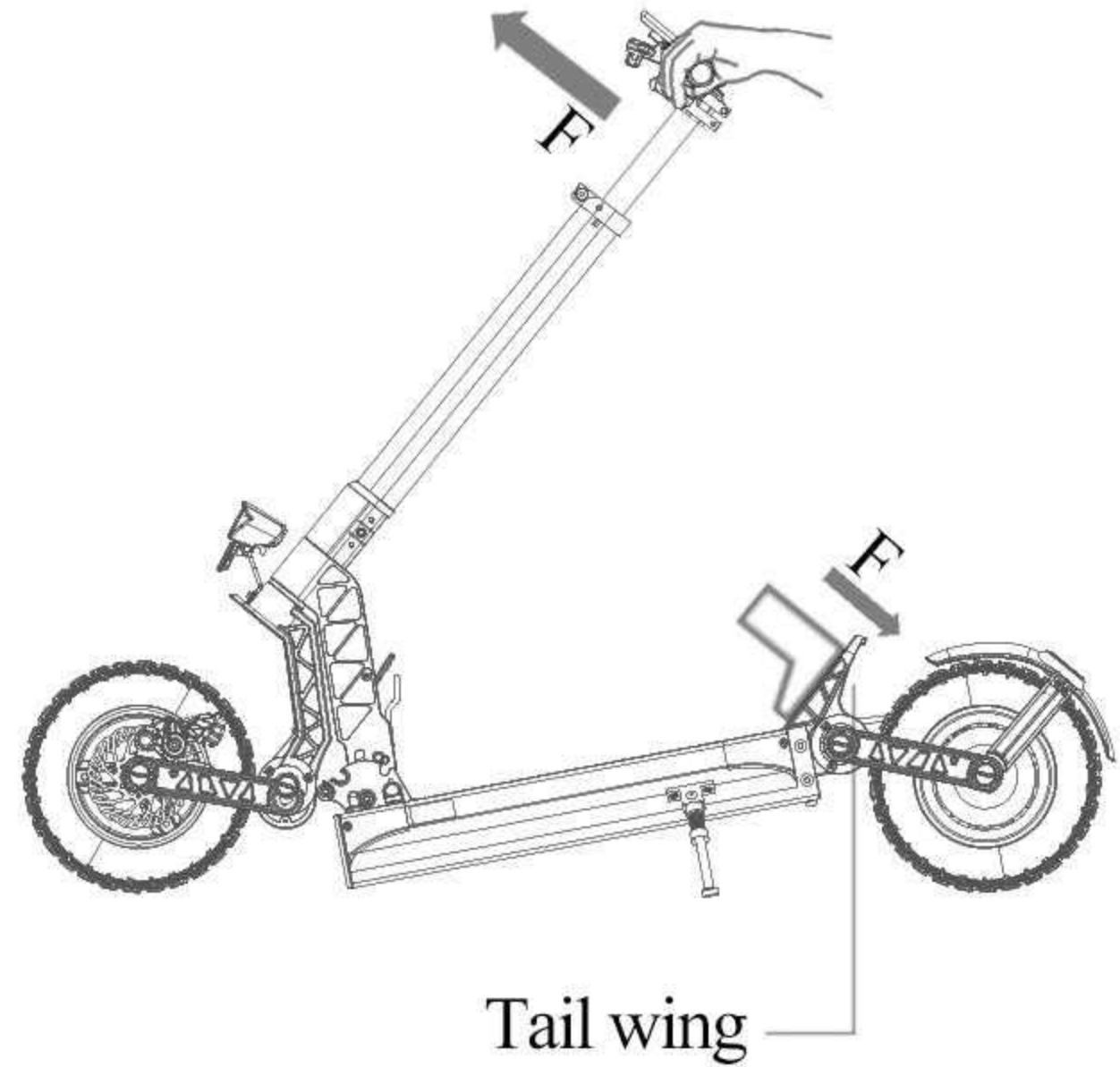
4.Attach the handlebar to the vertical tube and tighten the sunflower patterned screw.



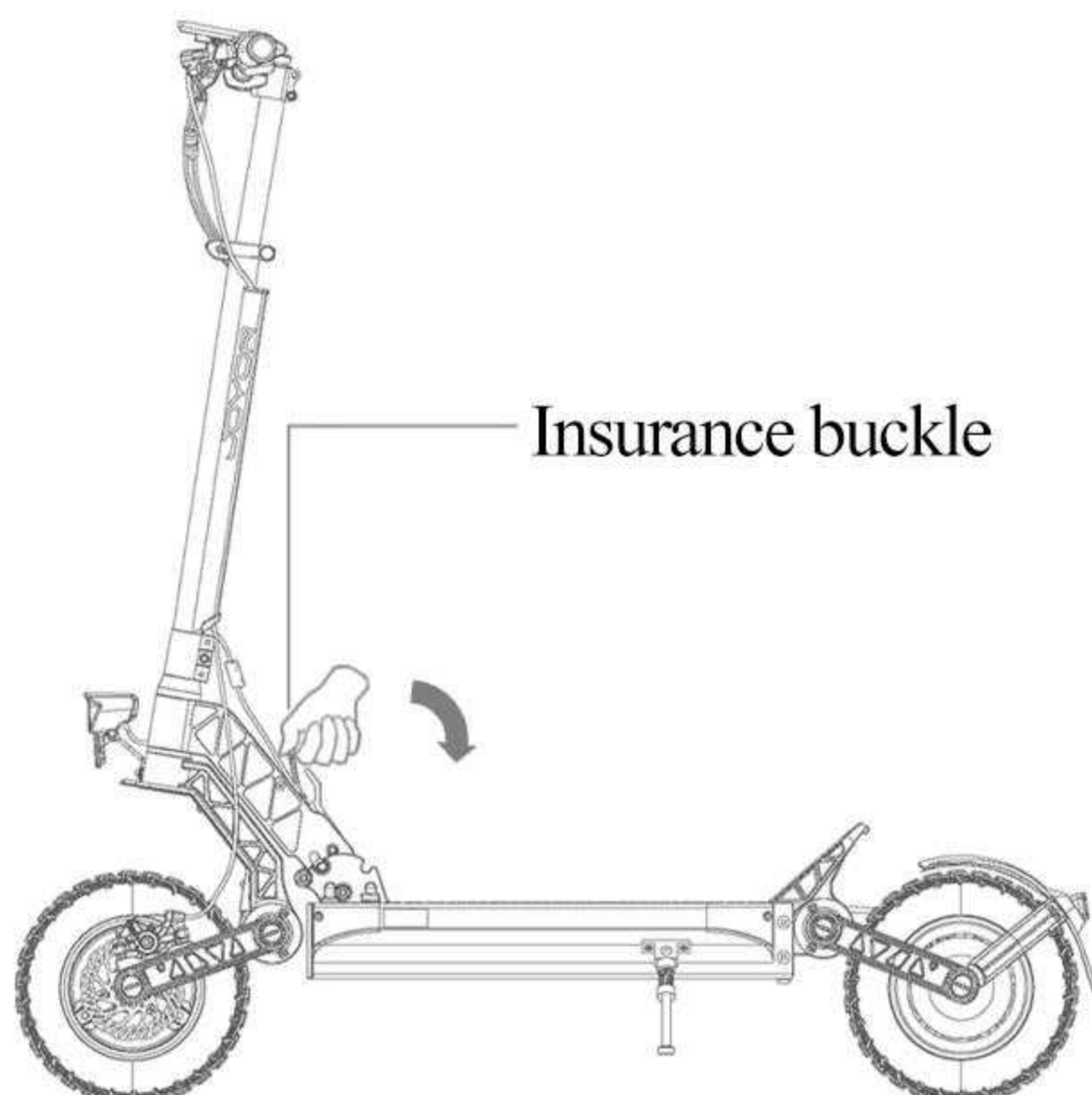
1. Push down on the folding handle with one hand while pulling up the main standpipe tube with the other hand.



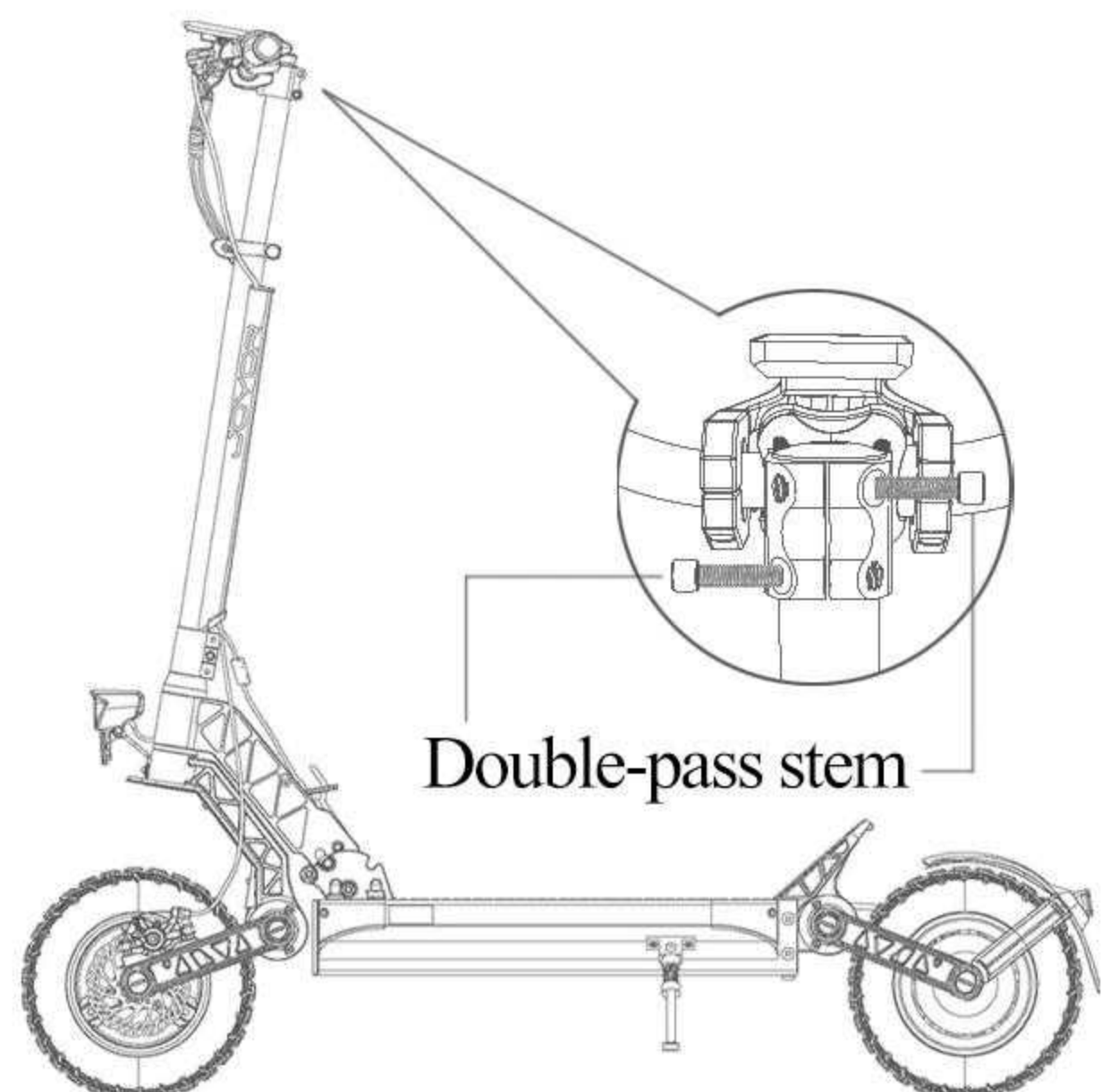
2. Step on the tail wing with one foot, grip both ends of the handlebar with both hands. And push the handlebar forward forcefully until the locking pin fully enters in the slot.



3. Push down on the insurance buckle to secure the folding handle.

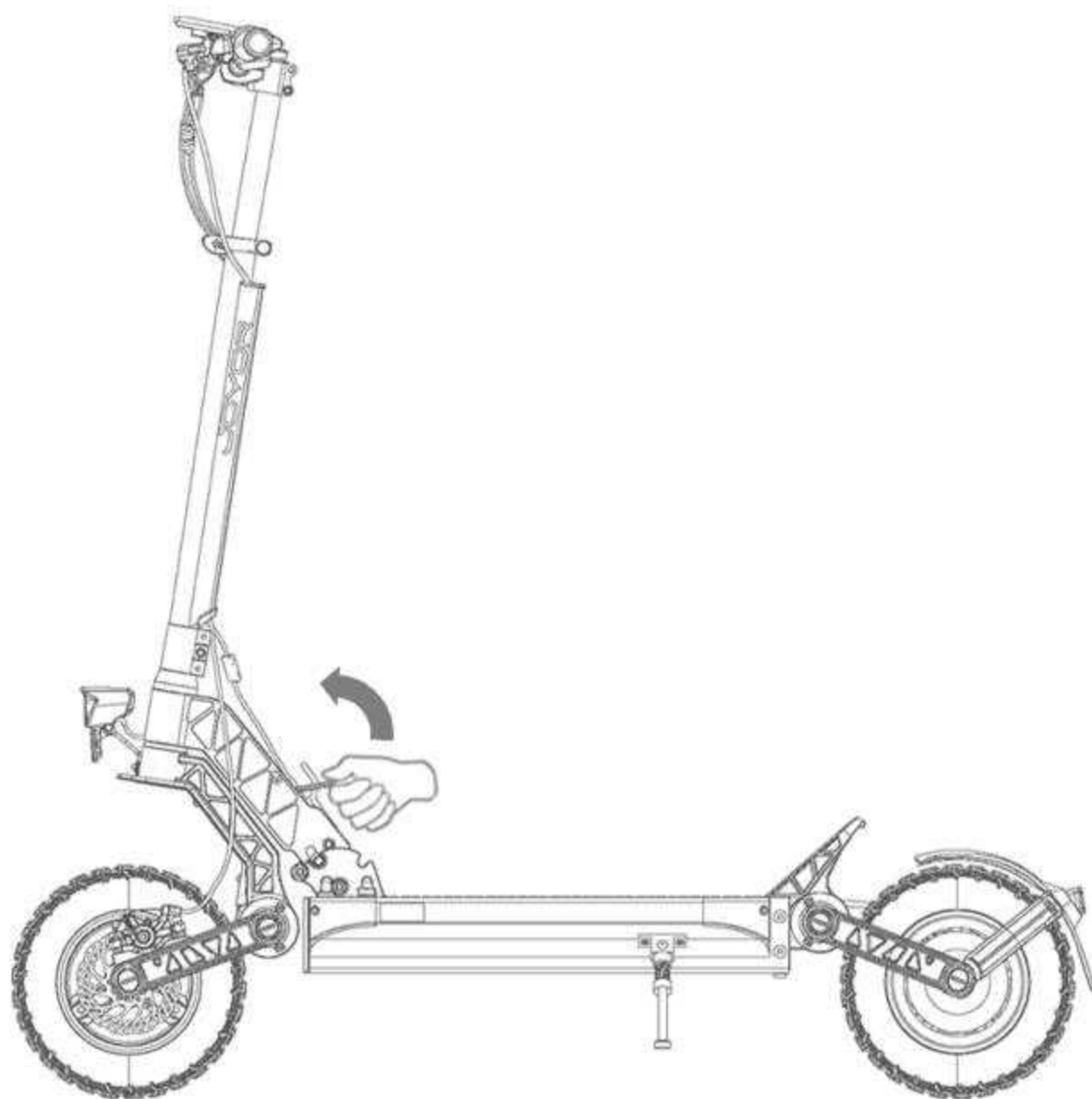


4. Adjust the handlebar to the correct position and use an allen wrench to tighten the four screws on the left and right sides of the double-pass stem.

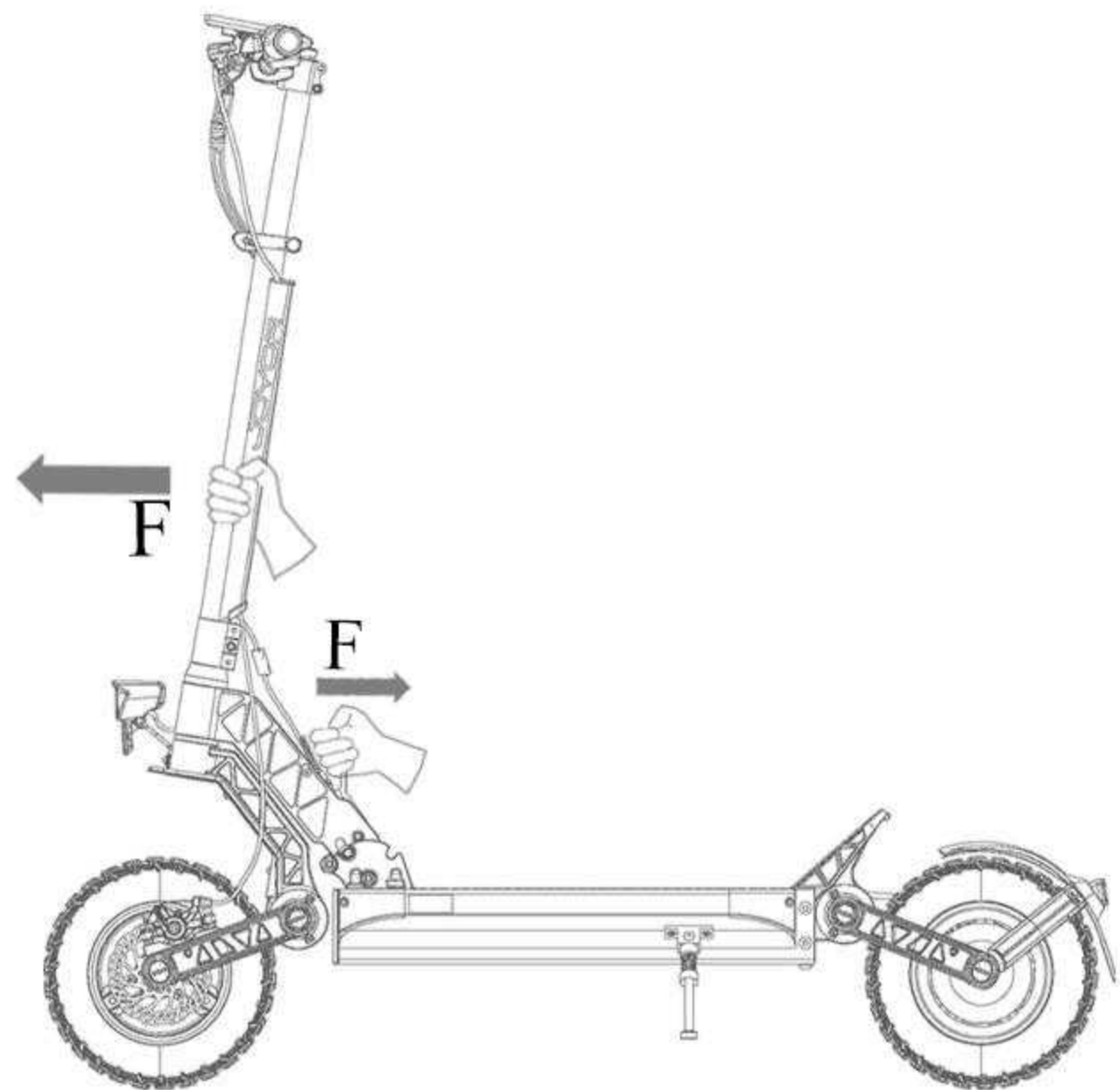


4.Folding Steps

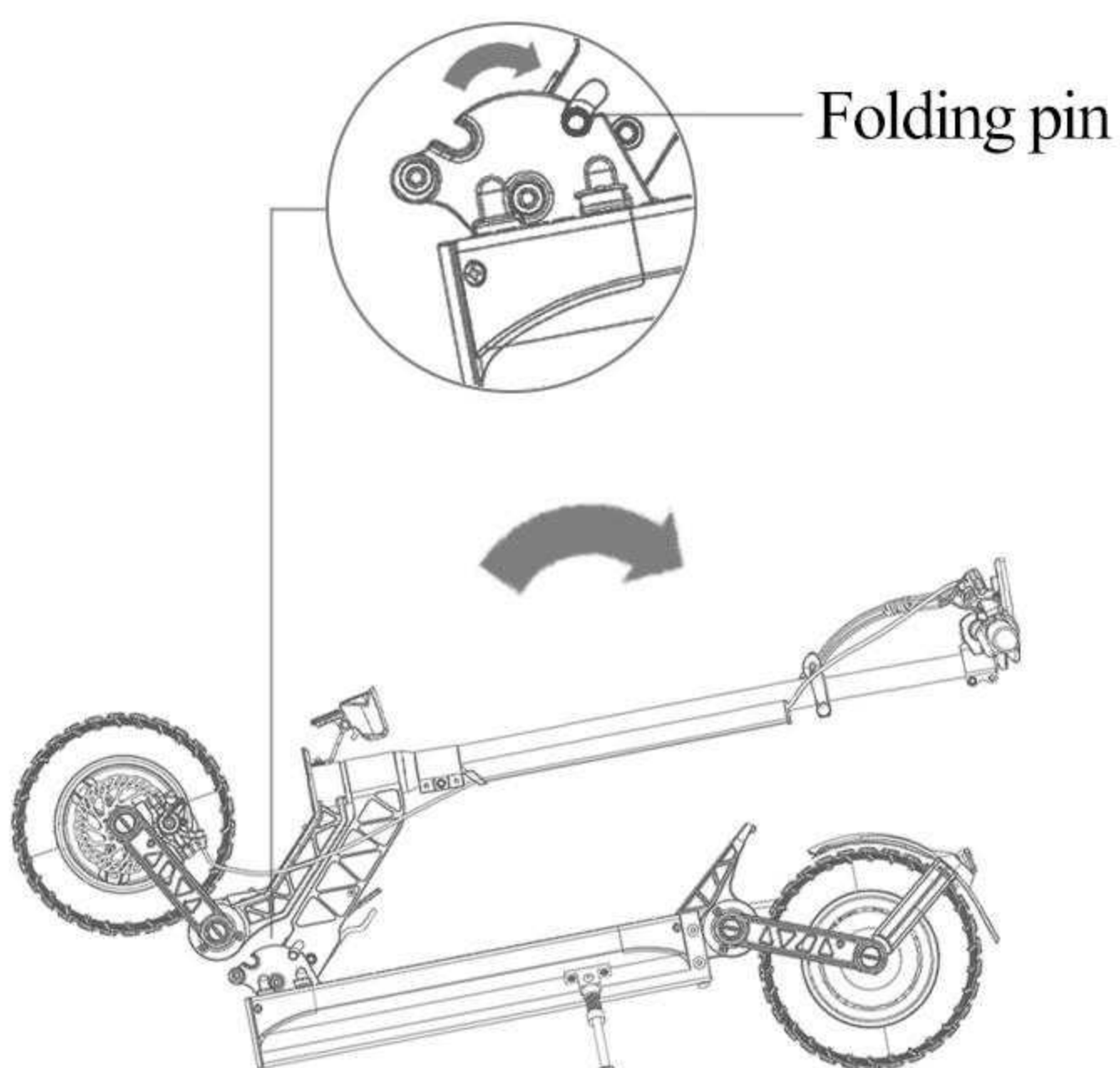
1.Pull the insurance buckle out from the folding handle first.



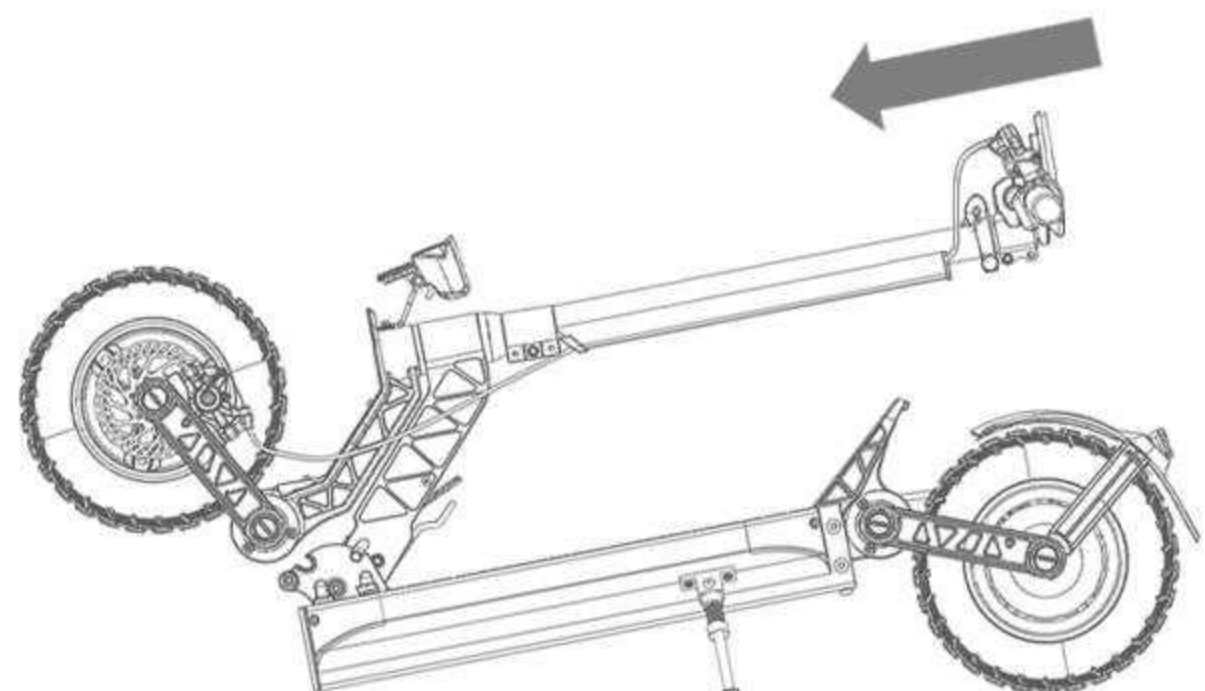
2.Hold the main standpipe with one hand and push it forward while pulling the folding handle back with the other hand.



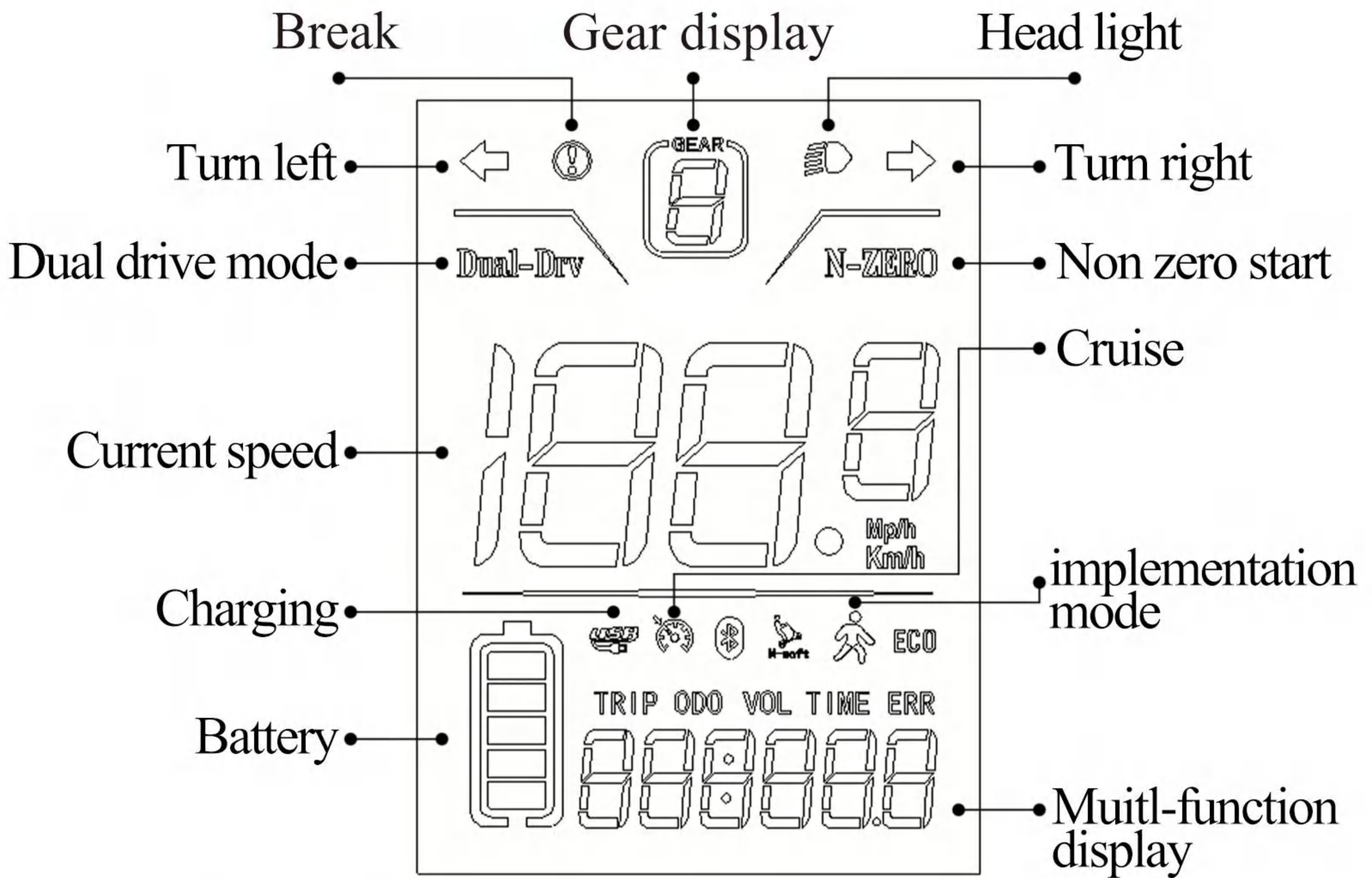
3.Move the folding pin to the next slot to indicate that the scooter has successfully folded.





4.Pull Open the quick-release clamp on the main standpipe to adjust the vertical tube to the desired length.



5.Display Instructions



Function	Default Value	Function Description
P02	1	Speed unit selection: (0) Km/h, (1) Mp/h.
P03	48 (S10-S:60)	Working voltage: 24V / 36V / 48V /52V / 60V.
P04	5	Automatic sleep time: 0 (off), 1~60min adjustable.
P06	10.0	Motor wheel diameter size (0.1 inch).
P07	30	Number of motor magnets: 1 ~ 100 (pieces).
P09	1	Zero/Non-zero start: (0) Zero start; (1) Soft start.
P10	0	Speed limit mode: (0) Off; (1) On.
P12	5	Start torque, 0 (weakest) ~ 5 (strongest).
P15	100	Percentage speed limit: 1% ~ 100% adjustable.
P16	0	Automatic cruise function: (0) Off; (1) On.
P99	-	One-key restore initial parameters, long press  for 5s in setting state.
ODO	-	ODO record clearing, long press  for 5s in setting state.

6.Error Code Instructions














Fault Code	Description
E-01	Rear Hall fault.
E-02	Throttle fault.
E-03	Rear Controller fault.
E-04	Brake fault . (only displayed by instrument or controller self-check alarm).
E-05	Controller undervoltage protection.
E-06	Communication fault (Display Not Receiving data from Controller).
E-07	Communication fault (Controller Not Receiving data from Display).
E-08	Motor stall protection (rear).
E-09	Temperature protection.
E-11	Front Hall fault.
E-13	Front controller fault.
E-18	Motor stall protection (front).

7.Charging Instructions

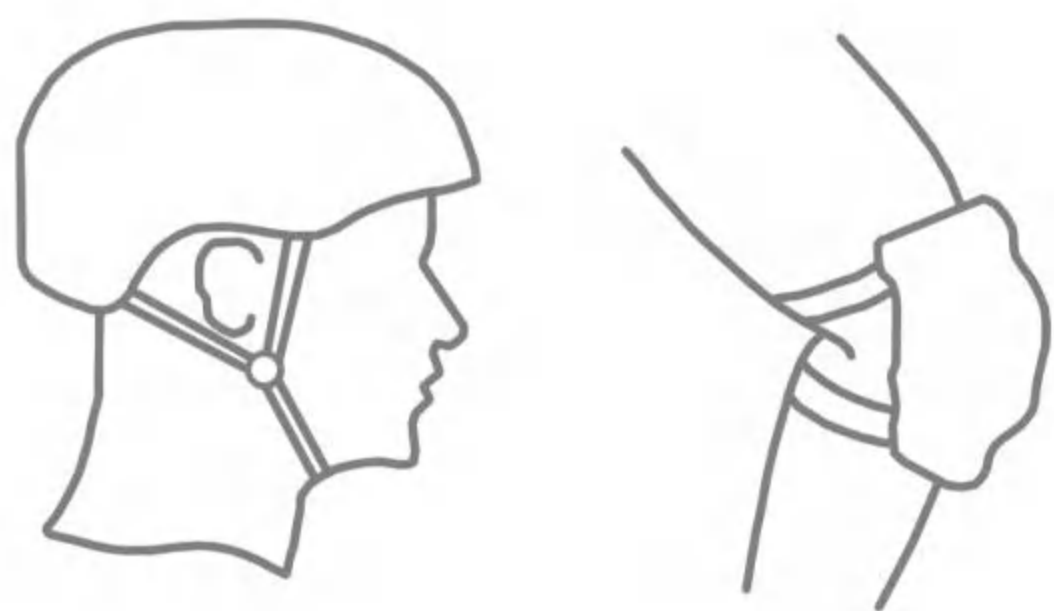
Place the battery in a dry, well-ventilated environment while charging.

- 1.Open the charging port cover by rotating it, and insert the charger output connector into the charging port on the scooter.
- 2.When the charger indicator light is red, it indicates that charging is in progress.
- 3.When the charger indicator light is green, it indicates that charging is complete; promptly unplug the charger from the power source first, then disconnect the charger from the battery.

8. Operating Instructions

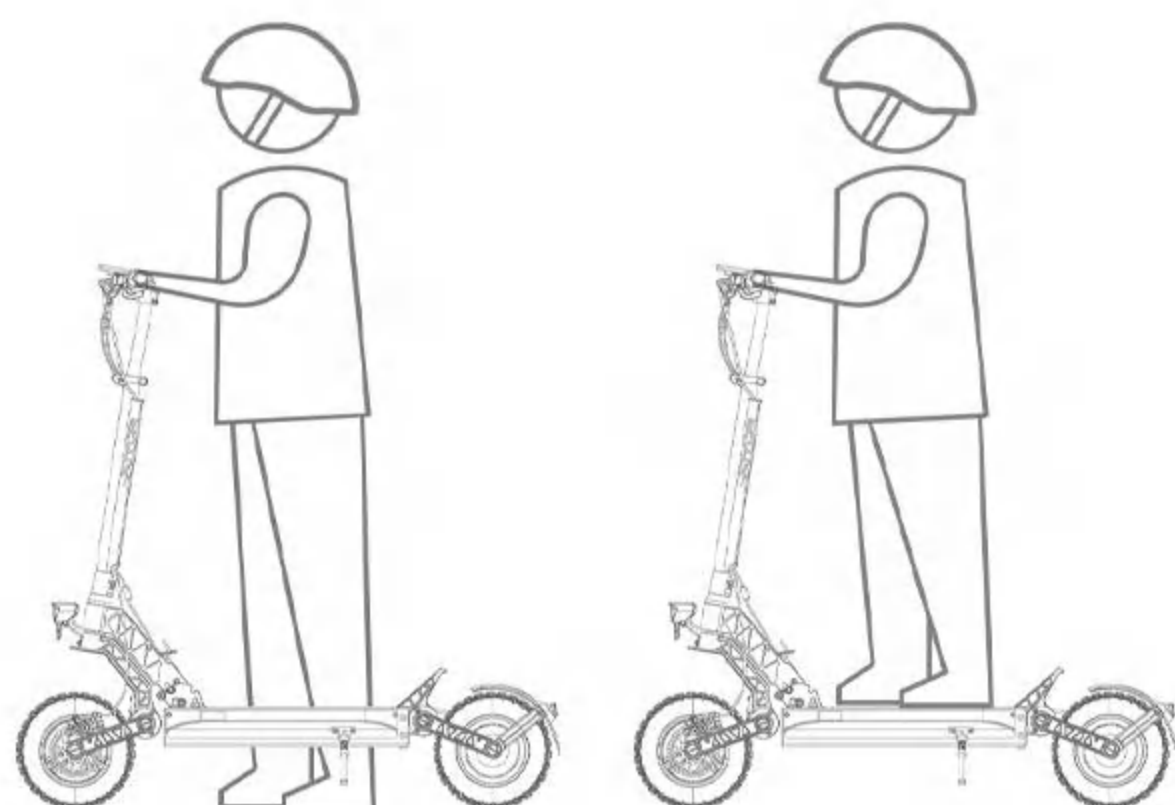
Function	Instructions
Switch gears	In the speed display state, short press  , 1->2->3, short press  , 3->2->1.
Switching display information	Power on status, non-setting interface, short press  , TIME>TRIP>ODO>VOL>ERR>TIME, display message cycle switching.
Headlight switch	(Controller support required)  2 seconds,  display, means lights on, otherwise means off, etc.
Horn switch	(Controller support required) Press  horn to work, release to stop working.
Turn signal light function	(Controller support required) In the initial state, short press the key  to enter the turn signal display state, press any turn key again to cancel the turn state.
Single and Dual Drive Switching	(Controller support required) Short press  to change to single or Dual-Drv dual drive mode, otherwise it is single drive mode.
Push Mode	(Controller support required) Press and hold  for 5 seconds, the display will show  which means the push function is on, otherwise it means it is off.
Entering or exiting the setup menu	Press and hold  for about 2 seconds to enter or exit the setup menu.
Toggle the current setup parameter type	short press  to switch to the next type. short press  to switch to the previous type.
Enter the current parameter adjustment status	Press  briefly to enter the setting state of current parameter, and the parameter content will be flashed.
Adjust the current type parameter value	Press briefly  to increase the current parameter value, press briefly  to decrease the current parameter value.

9. Riding Instructions



PREPARATION

1. Choose an open area for riding.
2. Follow the unfolding steps to set up the electric scooter, and wear protective gear before each ride.



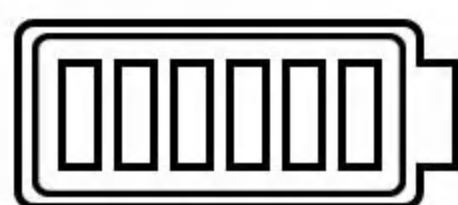
RIDING

1. To start, place one foot on the deck while the other foot assists by pushing off the ground.
2. Once gliding, place the other foot on the deck as well.
3. In case of an emergency, grip the brake handles firmly; the scooter will stop more quickly.

10. Battery and Charger

Each model is equipped with a specific battery and charging device; please verify compatibility with your model. Malfunctions may occur if batteries or chargers from other manufacturers, and any resulting damage to the battery or charger will not be covered by warranty.

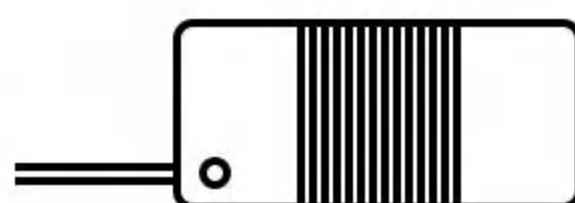
BATTERY



S-Series

THE S-SERIES LITHIUM BATTERY IS DESIGNED FOR AT LEAST 800 CHARGING CYCLES, WITH NORMAL USAGE POTENTIALLY EXCEEDING 1,000 CYCLES. LITHIUM BATTERIES CAN BE HAZARDOUS WHEN CHARGING, PLEASE CHARGE THEM OUTDOORS.

BATTERY RECHARGER



If the battery fails to charge, please contact the service center. Please note that battery damage resulting from abnormal conditions is not covered under warranty.

11. Product Maintenance

TYRE:

This product is equipped with rubber elastic tires. If there is significant wear or visible damage, please contact your dealer for replacement with original factory tires. Check the tire pressure before use and inflate as necessary. Inspect screws for any missing or loose components, and tighten or replace them as needed.

BRAKE:

This product features a front and rear brake system. Regularly check the thickness of the brake pads; if there is significant wear, replace them promptly to prevent adverse effects from brake failure.

BATTERY:

When you get the electric scooter for the first time, please fully charge the battery before using it. If the vehicle is not used for a long time, it is necessary to ensure that it is charged at least once a month. Batteries damaged due to water ingress, collision and other abnormal factors are not covered by the warranty.

IF THE VEHICLE IS USED WITH HIGH INTENSITY AND FREQUENCY, IT IS NECESSARY TO CHECK THE SCREWS OF THE VEHICLE ONCE A MONTH AND REPLACE THE SCREWS EVERY SIX MONTHS TO AVOID UNFAVORABLE CONDITIONS.

12.Specifications Table

S-Series

Model	S5	S8
Battery	48V13Ah	48V26Ah
Range	40-55km	75-90km
Max.Speed	25km/h	
Motor	600W	
Open Size	1215*610*1230mm	
Folding Size	1120*610*525mm	
Package Size	1190*250*500mm	

Model	S8-S	S10-S
Battery	48V26Ah	60V18Ah
Range	70-85km	70-85km
Max.Speed	25km/h	
Motor	600W*2	1000W*2
Open Size	1215*610*1230mm	
Folding Size	1120*610*525mm	
Package Size	1190*250*500mm	

13.After-sales Service

Please contact your local dealer for after-sales service.

During the warranty period, the following causes of faults or damage will not be covered under the quality guarantee:

- 1.Failure to do proper maintenance and repair in accordance with this manual.
- 2.The use of the electric scooter for other purposes, performing stunts and other dangerous actions resulting in damage or dysfunction.
- 3.Any unauthorized disassembly and assembly or use of parts other than those from the original manufacturer. Damage to the vehicle body and vehicle body accessories caused by incorrect use, traffic accidents or accidental collisions.
- 4.Vehicles with incomplete labels, water ingress, and mismatched part numbers.
- 5.Sustain damage or loss of function from use on abnormal road conditions.
- 6.Utilize the scooter for commercial rental or unauthorized purposes not approved by the manufacturer.
- 7.Suffer damage caused by natural disasters or unavoidable human factors.
- 8.Expose the product to prolonged direct sunlight or rain, causing rapid aging and loss of function.

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