

MAKE A GOOD CAR WITH HEART

Electric Scooter Installation Instruction manual

Please read the instructions carefully before use

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Preface

Dear customer:

Thank you for choosing our electric scooter! You'll quickly discover how its powerful performance, exceptional engineering, and premium build quality transform every ride into a smooth, enjoyable experience – whether it's your daily commute or weekend adventure.

We're honored by your trust in our brand. Our core belief – 'Technology Empowers Effortless Mobility' – drives us to fuse cutting-edge innovation with lifestyle design. Every product reflects our commitment to three pillars: Smart Engineering, Joyful Rides, and Uncompromising Safety. We live by these principles: putting users first, delivering supreme quality, and redefining service excellence."

Charged with pioneering eco-conscious mobility, we relentlessly innovate to integrate sustainable energy solutions into daily life. Our true-zero mission: zero tailpipe emissions, zero environmental compromise. Through technological leadership, we're building cleaner communities while advancing industry standards – one revolutionary ride at a time.

Before using this product, please carefully read the product manual, paying special attention to the safety precautions. Keep this manual for future reference. We especially remind you to use only the authorized parts of our company. If you have any questions, please contact our authorized dealer or the company's Technical Service Center promptly.

Contact number: _____

The company will be happy to provide you with timely, efficient and quality service.



Warning items

1. Keep batteries away from open flames or ignition sources. Avoid proximity to flammable/explosive environments or corrosive materials .
2. Do not disassemble the battery housing to prevent short circuits that could damage the vehicle' s electronics .
3. Never short-circuit the battery' s positive and negative terminals with wires or conductors to avoid hazards and potential battery failure .
4. Handle batteries with care to prevent drops, which may damage the casing and pose safety risks .
5. Charge batteries in dry, well-ventilated areas, away from moisture and flammable/explosive environments .
6. Do not disassemble the dedicated battery charger .
7. Ensure no objects cover the charger or battery during charging to prevent overheating .
8. Charge batteries in areas inaccessible to children .
9. This product features a gear-switching speed limit function. Under normal conditions, do not exceed the national speed limit of 25 km/h (15.5 mph) .
10. Unauthorized disassembly of the vehicle frame may create safety hazards and latent risks .
12. Avoid riding on uneven surfaces (e.g., railway tracks, gravel roads, stairs) to prevent tire blowouts, rim deformation, or vehicle damage .
13. When braking abruptly at high speeds or downhill, use only the rear brake to avoid forward instability .
14. Before riding, inspect and confirm the functionality of brakes, frame, handlebars, wheels, and saddle for safety .



Warning items

15. Do not apply oil to brake components (caliper, disc, V-brake, drum brake, or linked brake systems), as this may cause brake failure .
16. Avoid carrying heavy objects on the handlebars to prevent loss of control .
17. The scooter is designed for single riders only. Overloading compromises safety due to limited power capacity .
18. In rain, wear waterproof clothing. Do not hold an umbrella while riding, and always follow traffic laws .
19. Wear a helmet and protective gear for safety during operation .
20. Regulatory signage for electric vehicle charging and parking facilities follows standardized guidelines in the U.S. .

CHECK BEFORE RIDING

1. The saddle must be adjusted to a comfortable and safe position.
2. The instrument panel must display accurate readings, and the lights and horn must function properly. .
3. The brake lever must be sensitive and reliable, and the motor must disengage during braking.
4. The throttle must rotate smoothly, return reliably to neutral, and have no play or looseness.
5. Front and rear tires must have adequate air pressure, and wear patterns must appear normal.
6. Rotating parts must move freely without obstruction.
7. The front axle nut must be tightened securely with no loosening.
8. The rear axle nut must be tightened securely with no loosening.
9. Check that the battery is fully charged before riding.
10. The folding mechanism of the steering pole must be locked securely in place.

CYCLINGGUIDE

1. Do not ride the scooter without thoroughly reading this manual and understanding its performance specifications. Before riding, inspect all components for damage or wear to ensure safe operation. Contact customer support immediately if any issues are detected .
2. For your safety and others' , obey local traffic laws. Ride in designated slow lanes only. Never carry passengers, as the scooter is not designed for additional weight. Avoid uneven or steep terrain; reduce speed or dismount and push the scooter through such areas. Exercise caution on slippery surfaces—slow down, and avoid riding in rain, snow, or on wet roads .
3. The scooter is water-resistant but not waterproof. Exposure to heavy rain may damage internal components like the motor and battery housing. Water ingress will void the warranty .
4. Battery performance is temperature-sensitive. At temperatures below 0°C (32°F), battery capacity may decrease by 10–20%, reducing range per charge. Performance will normalize as temperatures rise .
5. Store the scooter in a dry, cool area away from corrosive chemicals. Avoid prolonged exposure to direct sunlight or rain to prevent electrical failures that could cause malfunctions or accidents .
6. Do not allow inexperienced riders to use the scooter. Only individuals familiar with its controls should operate the device .
7. Slow down when turning; avoid sharp maneuvers. Follow traffic signs at all times. Use battery indicator lights (more lit LEDs = longer remaining range) to monitor charge levels. If anomalies occur (e.g., brake failure, sudden power loss, or non-responsive brakes), stop immediately and have the scooter inspected by an authorized service center. Do not continue riding.
8. Adjust handlebar and saddle height carefully. Ensure the adjustment marks on the stem or seat post are visible and secure. Over-tightening or under-tightening can compromise safety .

1. Place both feet on the footrests before starting. Use your right hand to slowly twist the throttle inward (toward your body) to accelerate. Release the throttle to reduce speed—the throttle will automatically return to its neutral position, and the motor will stop.
2. All models include a brake cutoff feature: Squeezing either left or right brake lever instantly cuts power to the motor, ensuring safe stops. Important: Do not operate the scooter without first reading this manual and understanding its performance limitations.
3. Some models have an automatic speed control function. To activate: Hold the throttle steady for 5–8 seconds, and the scooter will maintain that speed automatically. In emergencies, apply the brakes or twist the throttle again to disengage cruise control immediately.

CORRECT USE OF ELECTRONIC CONTROL SYSTEM

Place both feet on the footrests before starting. Use your right hand to slowly twist the throttle inward (toward your body) to accelerate. Release the throttle to reduce speed—the throttle will automatically return to its neutral position, and the motor will stop

All models include a brake cutoff feature: Squeezing either left or right brake lever instantly cuts power to the motor, ensuring safe stops. Important: Do not operate the scooter without first reading this manual and understanding its performance limitations

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Users should regularly inspect the steering mechanism and power brake system. If there is looseness when turning the handlebar, delayed reset functionality, or the power brake fails to cut power to the motor, the affected parts must be repaired or replaced immediately.

If the controller fails to display pressure readings or indicators, please send it to an authorized service center for repair.

If the vehicle's range (mileage) drops significantly, the user must check for over-current protection failure in the controller or other potential causes. However, the controller itself must be sent to an authorized service center for repair or replacement.

CORRECT USE OF BATTERY

Avoid Deep Discharge: Always keep the battery fully charged when not in use. Letting the battery drain completely can severely reduce its lifespan.

Monthly Charging: If storing the scooter long-term, recharge the battery at least once every 30 days to maintain optimal performance.

Avoid Heat/Fire Hazards: Never expose the battery to open flames, sparks, or high-temperature environments (e.g., direct sunlight, near heaters). Never throw batteries into fires or expose them to extreme heat.

Prevent Overcharging: Do not leave the battery connected to the charger longer than necessary. Follow the manufacturer's recommended charging time.

Avoid Short Circuits: Never connect the positive (+) and negative (-) terminals with metal objects (e.g., wires, tools), as this can cause sparks, damage, or fire.

Ideal Storage Temperature: Store and charge the battery in temperatures between 5°C and 30°C (41°F–86°F). In summer, park your scooter in shaded, well-ventilated areas. In winter, store the battery indoors to avoid freezing temperatures.

Cool-Down Before Charging: Do not charge immediately after a long ride. Allow the scooter to rest for 30 minutes to dissipate heat before plugging it in.

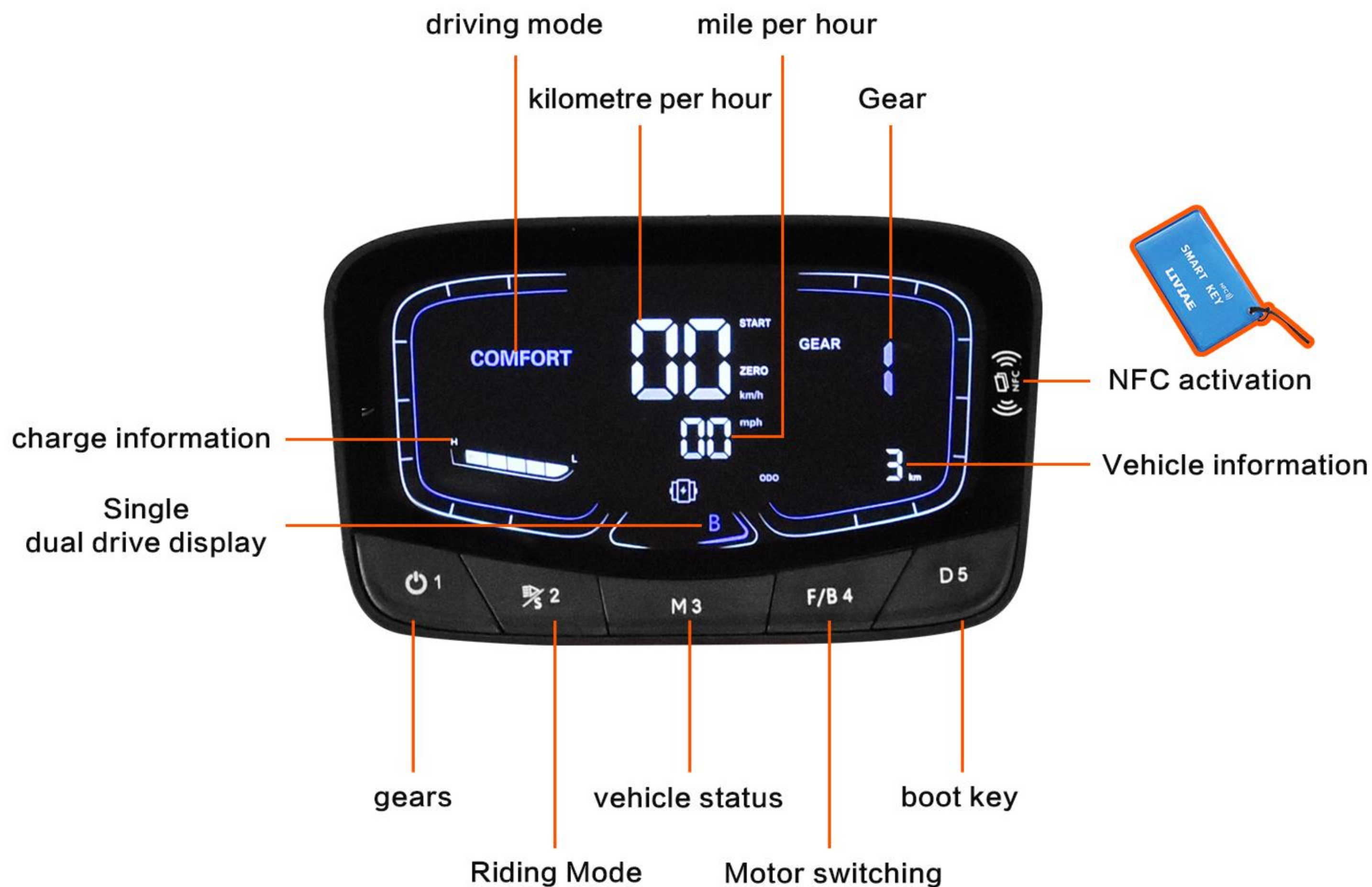
THE CORRECT USE OF THE CHARGER

1. Charge the battery immediately when the ride ends or when the battery voltage drops. Long-term storage: Store the battery with sufficient charge (50–80%). Recharge it monthly to maintain battery health. Always turn off the scooter's power switch before charging.
2. Charge in a dry, well-ventilated area, away from: Children, moisture, and direct sunlight. Flammable materials (e.g., paper, chemicals, or gases).
3. Use only the manufacturer's dedicated charger. Using unauthorized chargers may damage the battery or reduce its lifespan. User assumes all responsibility for non-compliant chargers. Align the charger's output plug notch with the protruding tab on the scooter's charging port to ensure a secure connection.
5. Do not charge for more than 18 consecutive hours to prevent overheating or battery damage.
6. Never connect the charger to AC power first. Follow this order: Plug the charger's DC output (low-voltage side) into the scooter's charging port. Plug the charger's AC input (220V side) into the wall outlet. The charger's power indicator will light up when charging begins. Charging is complete when the indicator turns green.
7. After charging: Unplug the charger from the AC outlet first, then- Remove the DC plug from the scooter.
8. Place the charger on a stable, non-metallic surface during use.- Verify the voltage label on the charger matches your local power supply (e.g., 110V vs. 220V). If the charger malfunctions, stop use immediately and contact customer support.

Reminder



FUNCTION DISPLAY, KEY DISPLAY



NFC CARD INTRODUCTION



1. Card Overview

Three cards are included at the factory: Blue Main Card (primary card,). White Sub-Cards (secondary cards) .

2. Functionality of the Blue Main Card The blue main card functions like a master key. It is typically stored securely at home and cannot be used to start the vehicle alone. If a white sub-card is lost and needs replacement: Use the blue main card to pair a new white sub-card. Think of the blue main card as the "owner" and the white sub-card as the "guest." Guests require the owner' s authorization (via the blue card) to access the system.

3. Pairing Process with the Blue Main Card Prerequisite: Ensure the P96 setting is configured to '1' or '2' in the system menu.

Steps:

Short press the power button (within 5 seconds).

Swipe the blue main card over the NFC card reader area.

When the dashboard displays '1', swipe the first white sub-card.

When the dashboard displays '2', swipe the second white sub-card.

If pairing a third white sub-card, do not swipe an arbitrary white card—only use a designated spare.

Once pairing is complete, the dashboard will automatically shut down.

Each subsequent startup requires swiping a paired white sub-card.

Mobile phone APP software to connect the vehicle

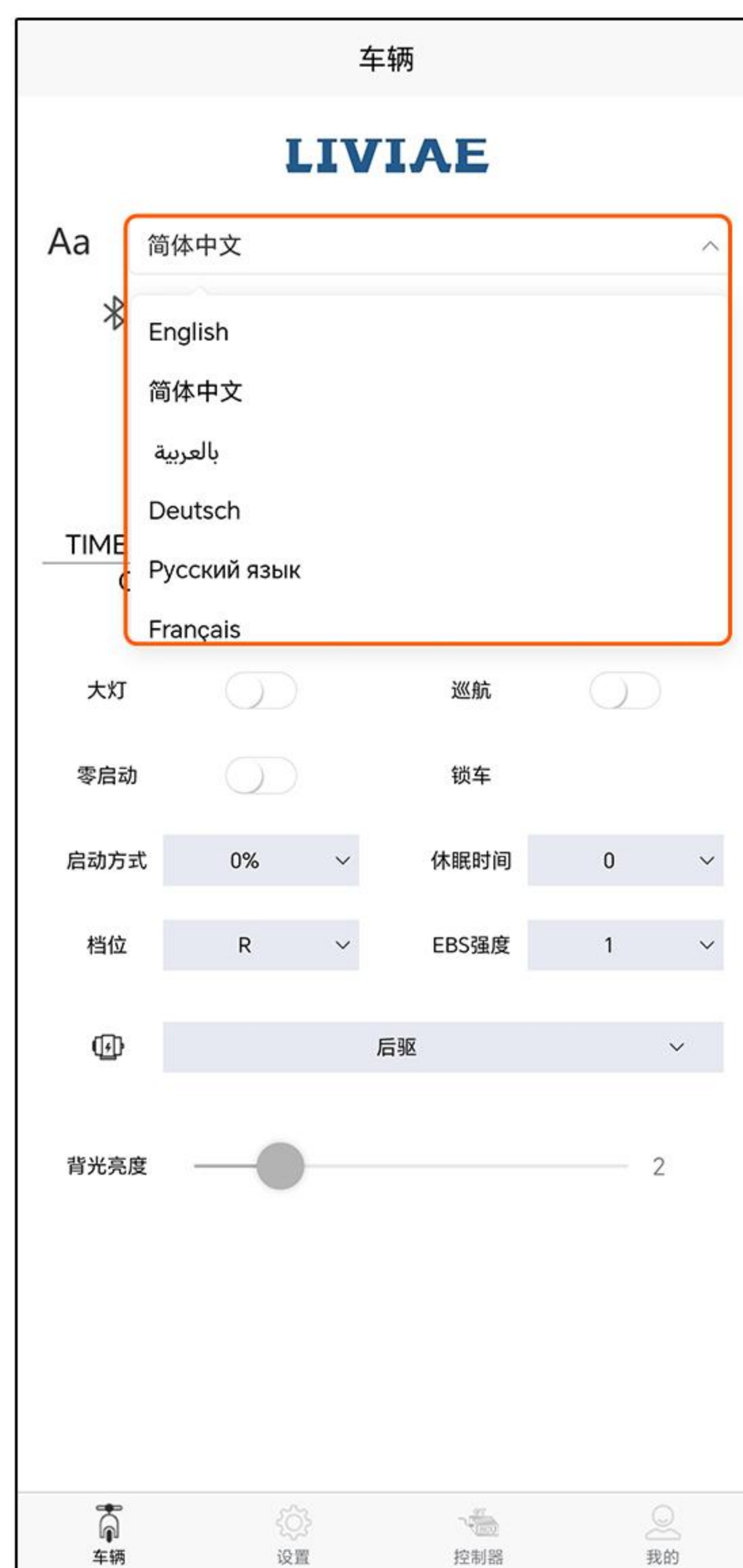
1.Android: Open your browser – Scan the QR code below – Download APP

1.iPhone: APP Store search **my-trip**–get downloads

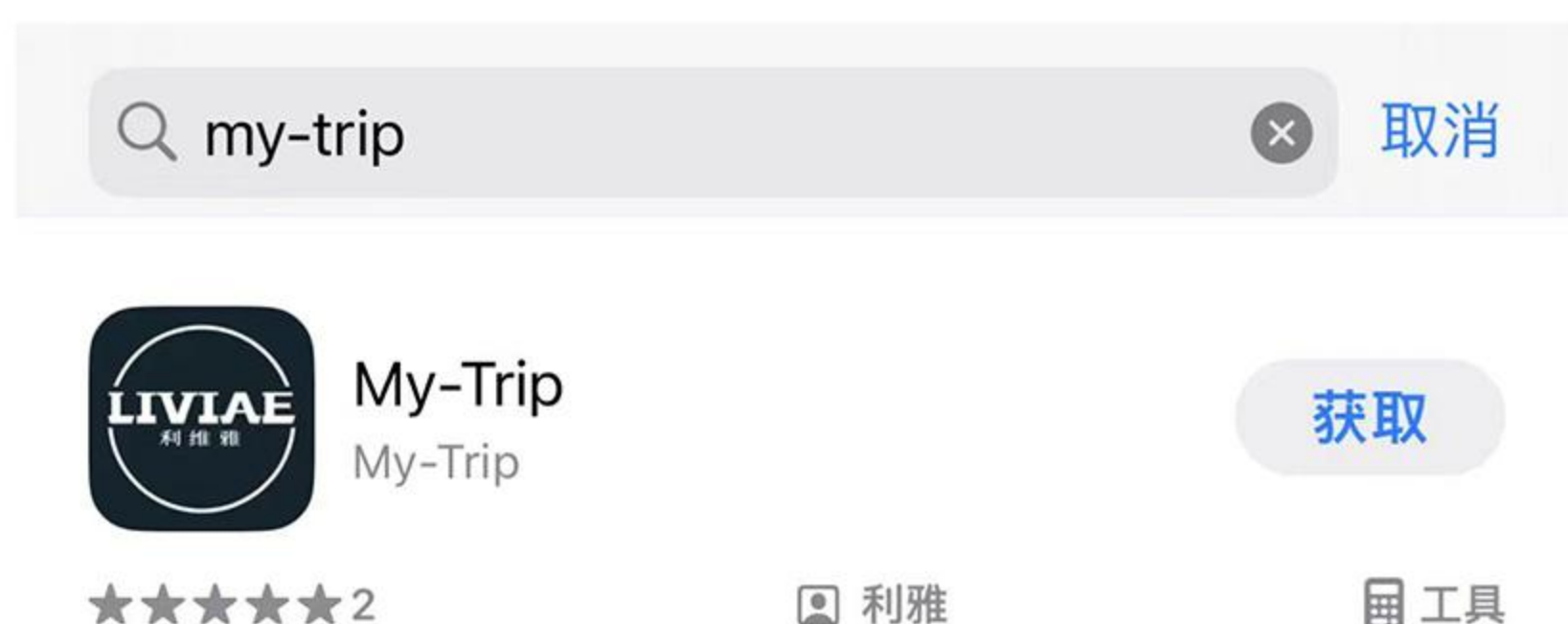
Android:



Open APP Preferred Language



iPhone:



2.Register APP(Register for full functionality)

My 2 No Login Document Center > Club Activities > Service And Help > Online Service > 退出登录 1 Bicycle Setting Controller My	登录 LIVIAE Aa English 19873389590 Password ☐ Remember username password Login Registered Account Forgot Password? 3	Registered Account LIVIAE please fill in the information Username Password Confirm Password email Warning: If you do not fill in the email, you will not be able to find the password ☐ Agreement User/Privacy Agreement Registered Account 4 Fill out basic information and register
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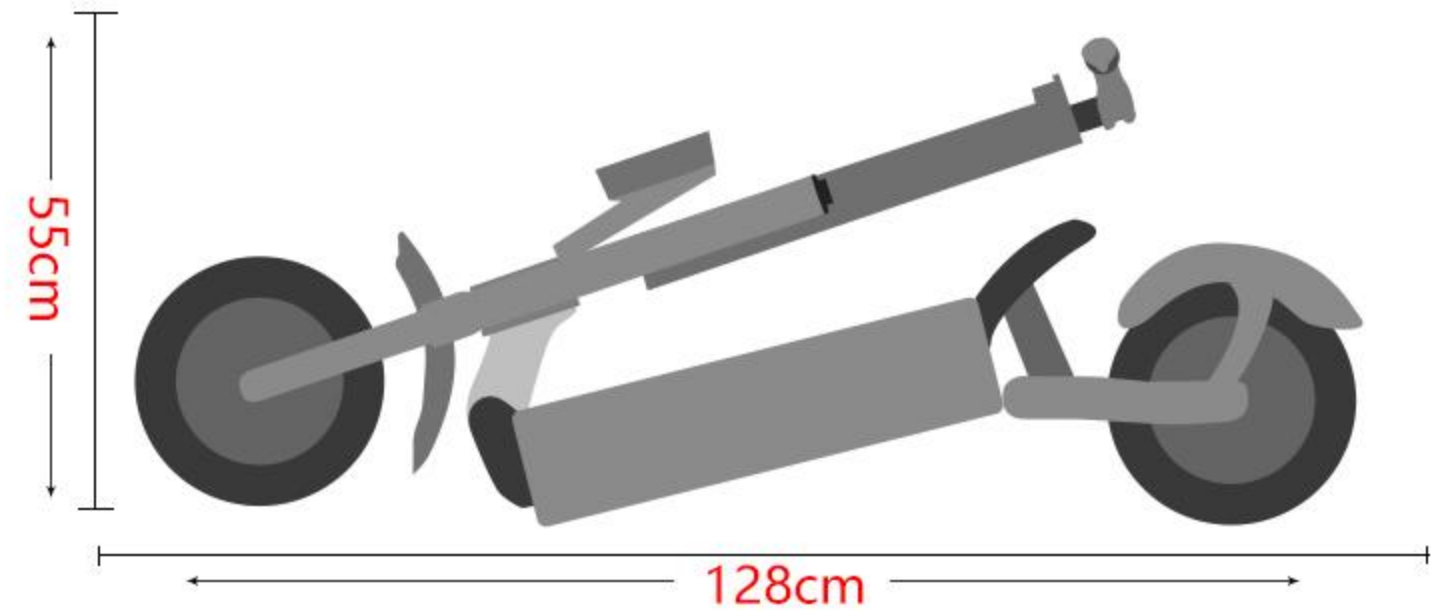
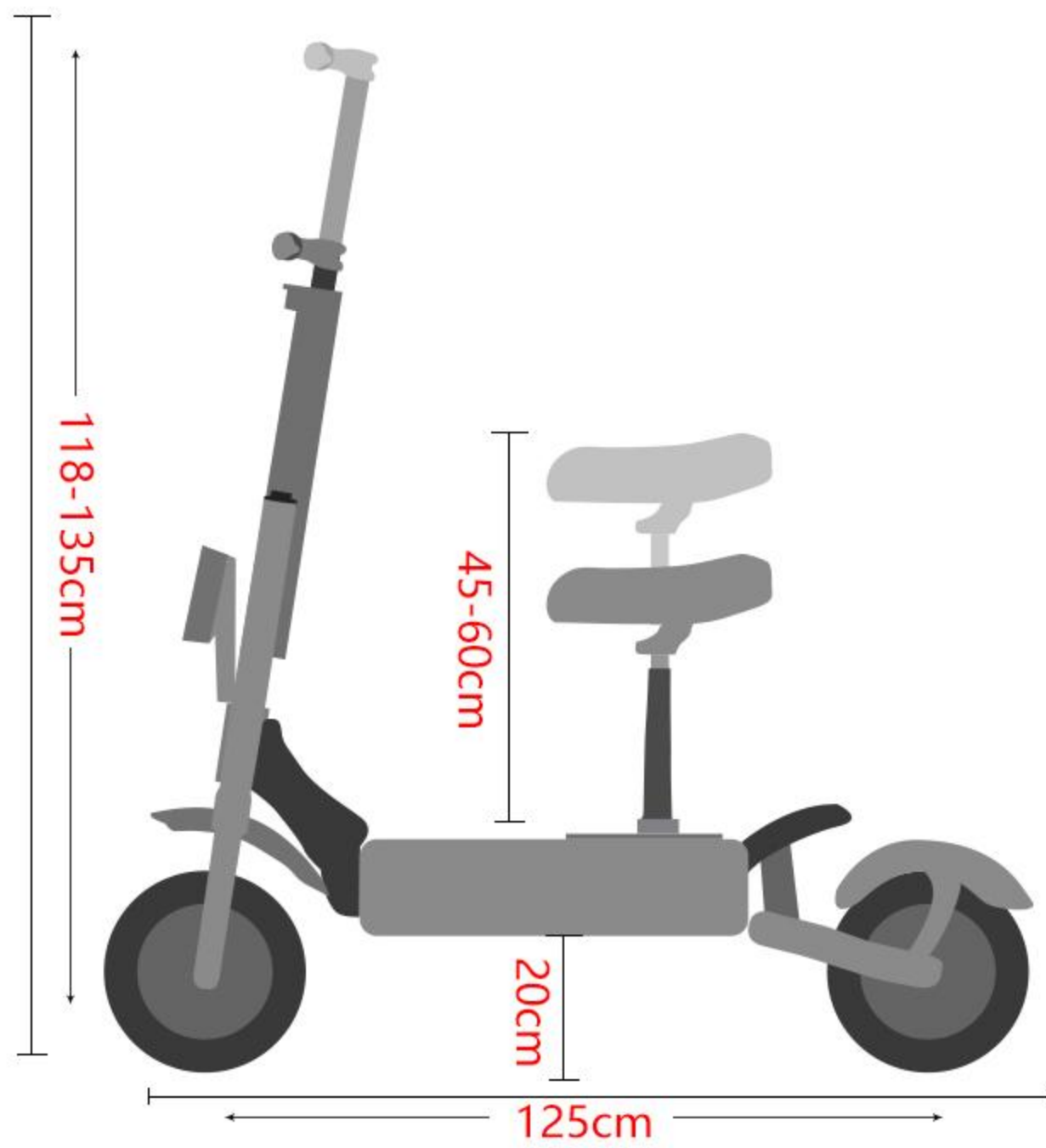
3. Connect to the APP(Binding is required to access full functionality)

Bicycle LIVIAE 1 Click on Bluetooth 0 km/h TIME 00:00:00 ODO 0 0V TRIP 0 1% Headlamps Zero Startup mode 0% Gear R Backlight brightness 2 Bicycle Setting Controller My	Discovery LIVIAE 2 Click on your vehicle's Bluetooth DDP036F2A LIVIAE--30E9 FP-630K+_23051345AMX BYD BLE3 BYD BLE3	立即绑定 LIVIAE 3 QR code on the back of the scanner table or enter characters 立即绑定 4 The QR code is on the back of the meter as shown in the picture 
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Vehicle components



Vehicle parameters



Product model Dual-drive electric scooter	Product material Reinforced full body aluminum alloy
Max capacity 200KG	Product tires 11 inch explosion-proof tubeless tire
Fastest speed 100KM/H	Endurance 90-110KM
Battery parameters 72V 35A2520Wh	Weight About 45KG
Motor power single motor 5000W, dual motor 10000W	brake (Front and rear double oil disc brake + EBAS electronic brake)
Front shock absorption Inverted long-distance hydraulic shock absorption	Rear shock absorption Rear hydraulic shock absorbers
self check The instrument can display fault codes	controller 72V45AX2 controller

Car lights

① With turn signal lamp ② with pedal edge lamp ③ with rear brake lamp ④ with double U7 headlights

Unpacking and opening installation method



1. Press the folding switch to erect the rod



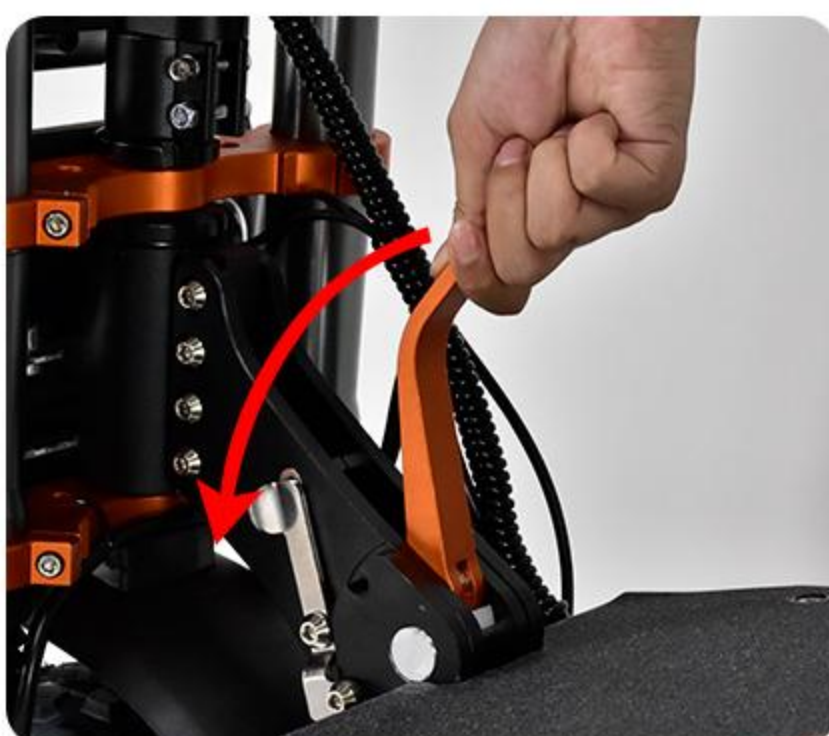
2. Put the handlebar into the handlebar.



3. Adjust the angle and fasten it with screws



4. Check whether the brake handle, headlight switch, dual drive switch, and instrument are fixed



2. Press it to the nearest



3. Fixed bead ejection

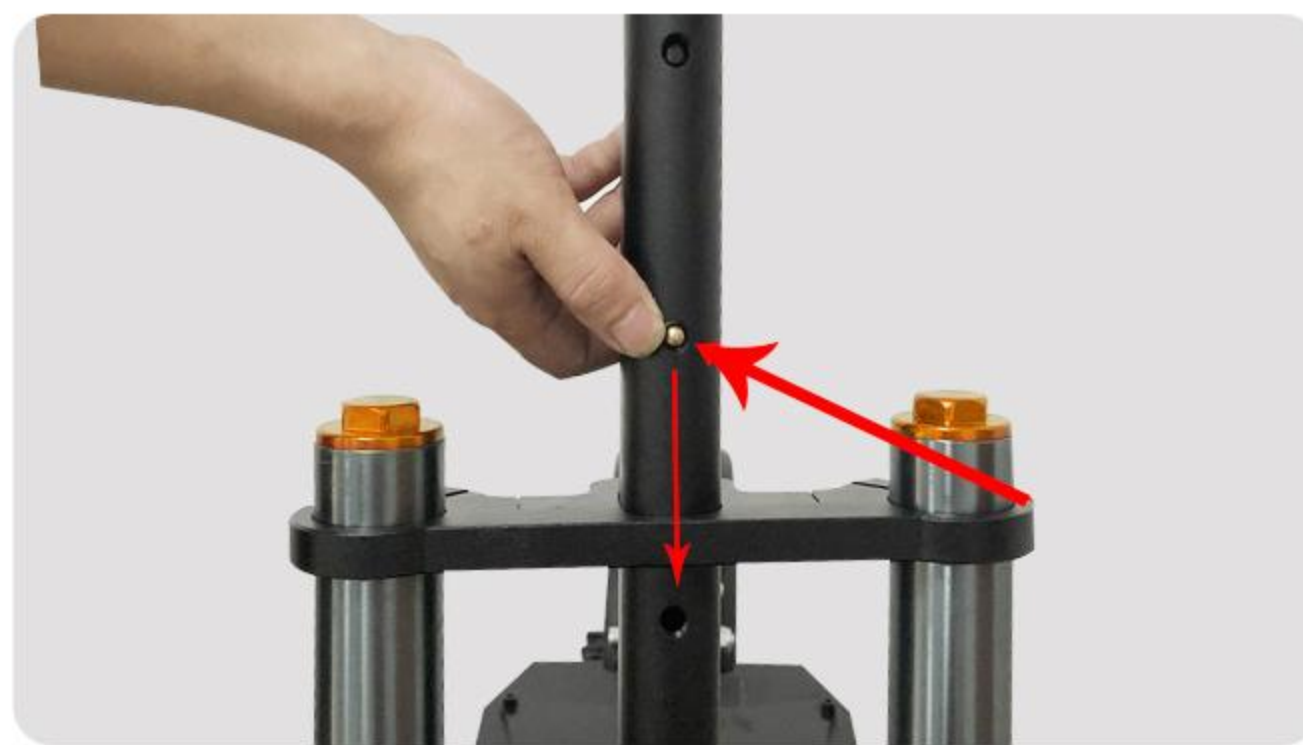


4. Snap-fit folding clips

Seat deployment method



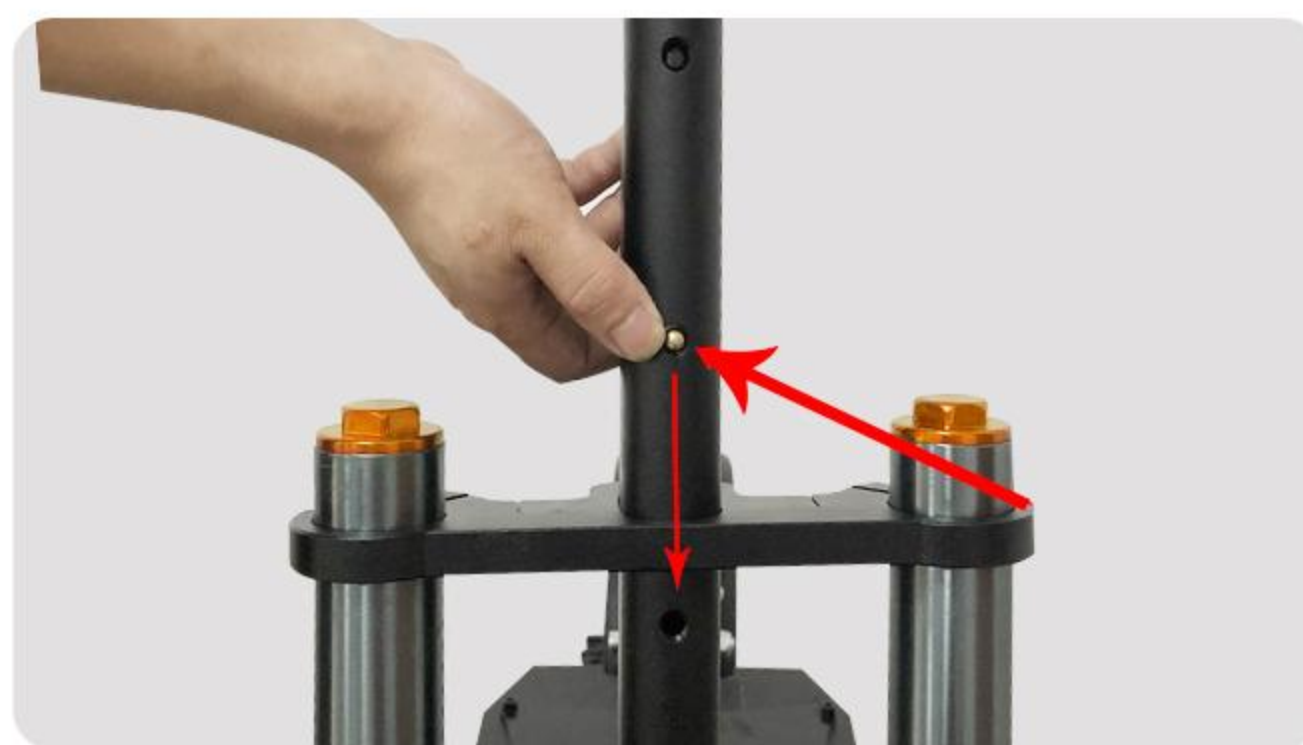
1.Open the fixing clips



2.Press the retaining bead to minimise



3.Release the stem lock switch



4.Press the retaining bead to minimise



5. Folding state display diagram

Seat deployment method



1. Press the metal ring



2. Tighten the fixed buckle



3. Put it into the seat and adjust it to the right height.



4. Tighten the fixed buckle

How to adjust the height of the stem



1. Open the fixing clips



2. Press the fixing bead to adjust the height

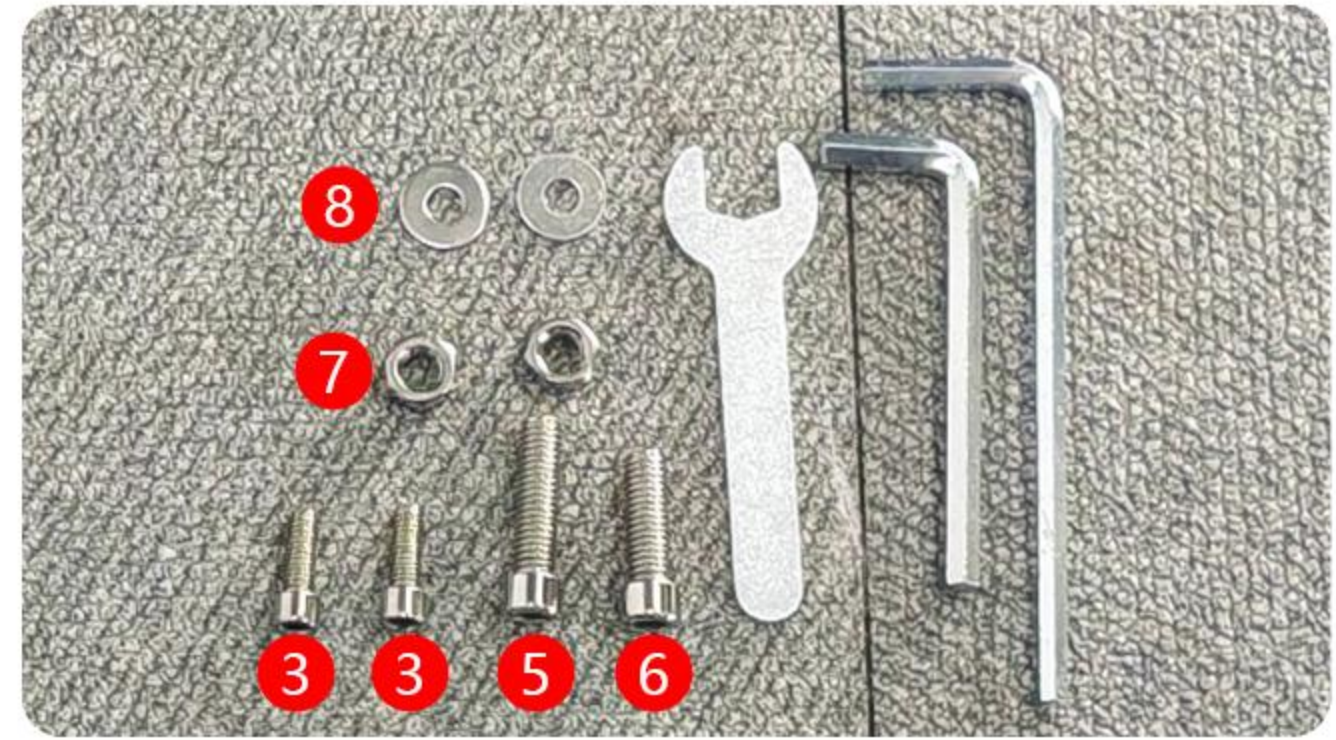


3. Tighten the fixed buckle

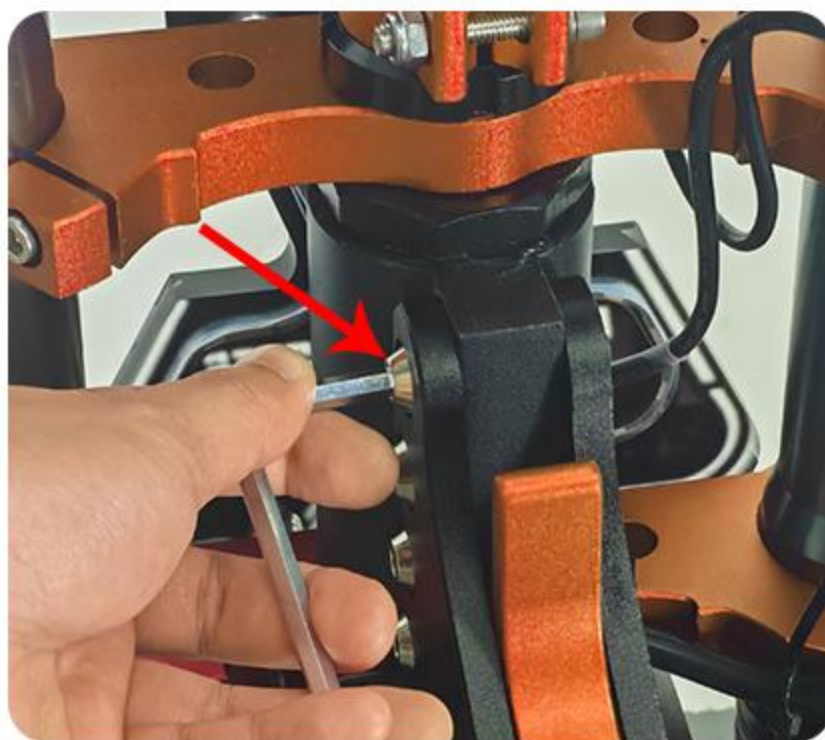
Snubber Installation



1. Prepare all spare parts



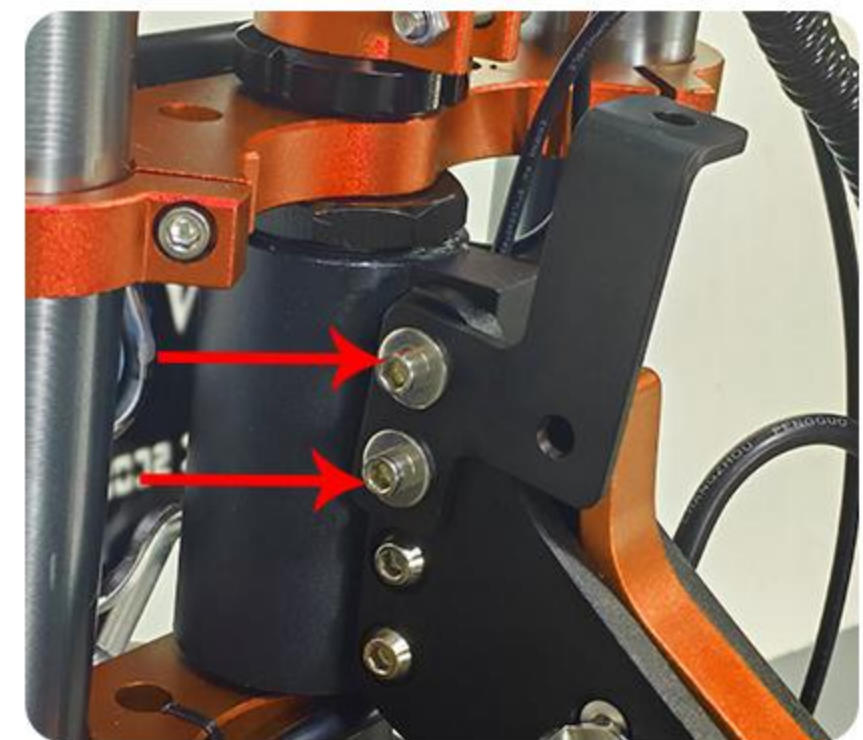
2. Confirm all parts



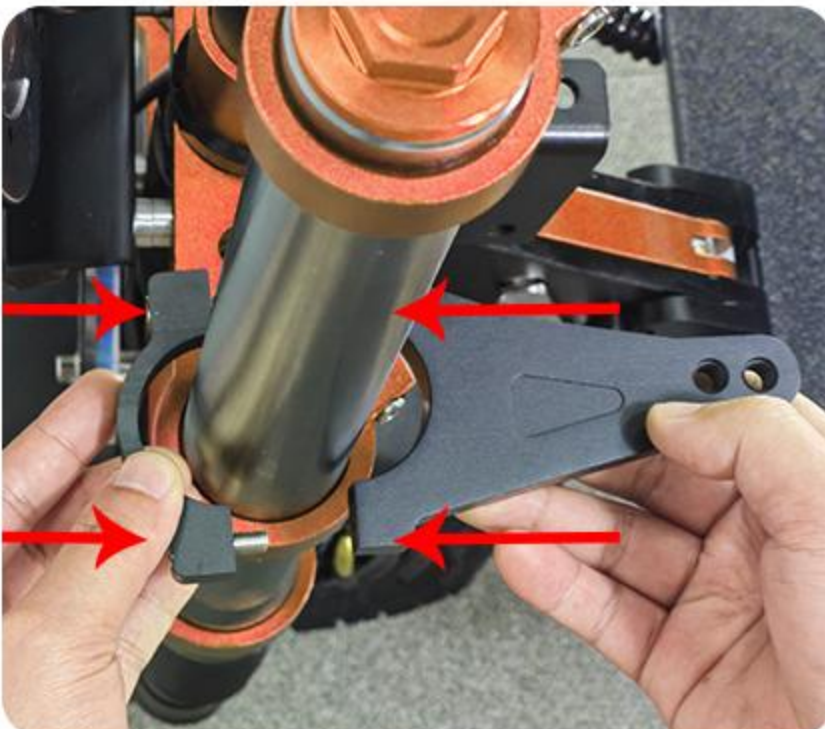
3. Remove the original screws



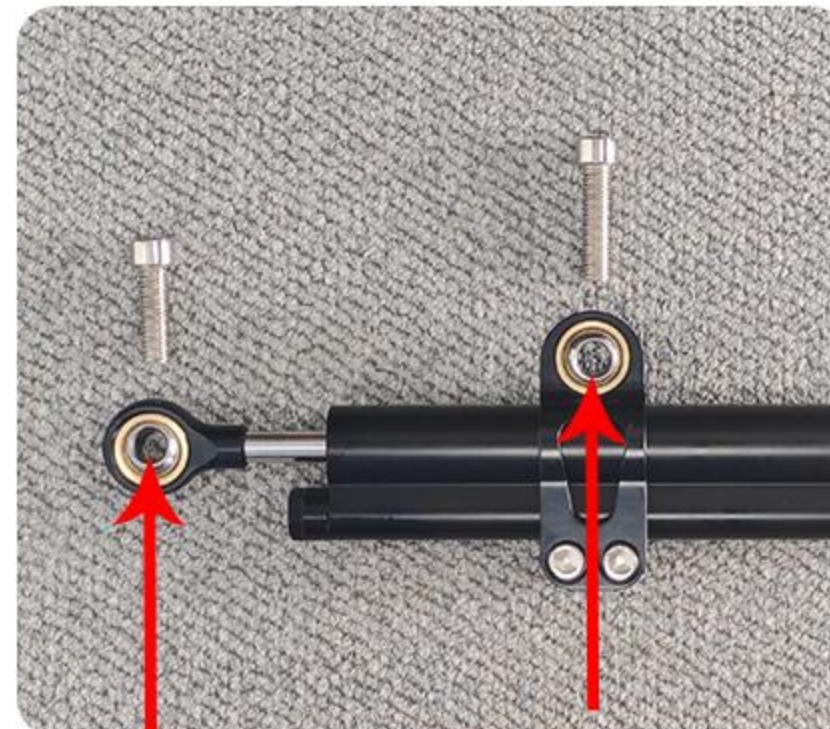
4. Remove the screws to retain the nuts



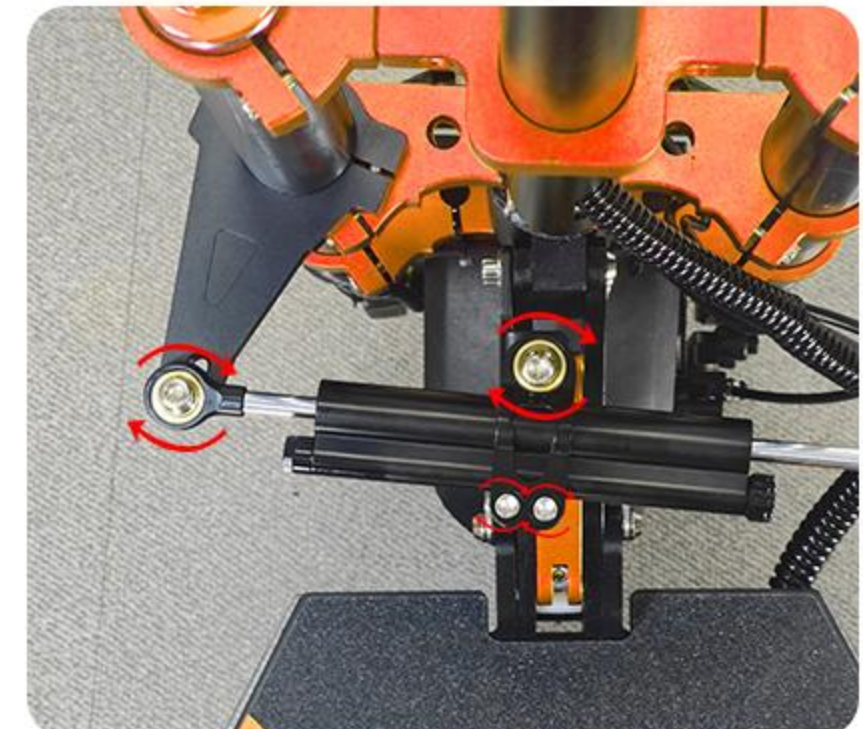
5. 2 screws ③ + ⑧ + the original nut fixing, accessories ②



6. Accessory ① Fixed left side hydraulic shock absorber



7. Screw ⑥ on the left, screw ⑤ on the right



8. Place position to fix all screws



9. Preview of the installed effect

Vehicle maintenance and repair

The recommended tightening torque of the main fasteners in the whole vehicle (unit: N.m)

front wheel	rear wheel	Saddle tube	saddle	Vertical tube	Core tube	the front fork
≥18	≥30	≥18		≥18	≥18	≥18

2. Regular maintenance)

A: Check S: adjust D: replace L: lubrication T: tighten

Inspection item	60 days	180 days	360 days
handle rotation, steering parts loose wear.	S、T	A、T	A、L
tire inflation is appropriate, whether the tire wear.		A	D
front and rear shaft, shaft, shaft and other wear.	T	A、L	A、L
the brake shoe is worn.		D	D
rim is biased, deformation.		A	A
frame and front fork is deformed bumps.		A	A
brake effect is good.	A	A	A
brake handle position is appropriate.	S	S	S
whether the horn is ringing, the headlight is bright.		A	A
charger plug, power cord wear, broken.		A	A
cushion, handlebar height is appropriate.	S	S	S

After sales service and "three packs" period

Consumer Rights & Product Information To ensure a satisfactory experience and protect your rights as a consumer: Ask the seller for details about: Correct product operation (e.g., usage instructions, safety guidelines). Product specifications (e.g., battery life, speed limits, weight capacity). Certification documents, including the "Three Guarantees" warranty certificate (a Chinese consumer protection policy covering repair, replacement, and refund terms). Request the dealer's information, including: Company name Address Phone number

After sales service and "three packs" period

Note: the term "three packs" of electric scooter parts is as follows

accessories	Quality problem	Shelf life	Shelf life
Motor	The rubber wheel is broken and badly broken	A year	Free maintenance
meter accelerator	Cannot be used under natural conditions (except for impact and other external damage)	A year	Free maintenance
controller	Failure under normal use	A year	Free maintenance
charger	Failure under normal use	A year	Free maintenance
lithium battery	Failure under normal use	A year	Free maintenance

Three pack range

15-Day Replacement: If the battery's rated capacity falls below 90% within 15 days of purchase, the battery is eligible for a free replacement

Three-Year Warranty Replacement: If the battery fails during the three-year warranty period or tests with a rated capacity below 60%, it qualifies for a free replacement. Important: The original warranty period is not reset after replacement—the remaining time from the original purchase date applies.

Transferable Warranty: If the electric scooter is sold or transferred to a new owner, the remaining warranty period transfers to the new owner. Documentation Requirements: Dealers must stamp the warranty card to record replacement parts, including: Date of replacement Part number Serial number (if applicable) This ensures warranty validity and tracks service history.

Does not belong to the "three packs of" the scope and content

- 1.No car vouchers and "three packs" certificate
- 2.Serial number and registration number
- 3.Users do not follow the " instructions " and the use of improper inadequate maintenance, improper care caused by damage
- 4.User self repair, modification is not part of the damage caused by special repair disassembly
- 5.Damage caused by impact and chemical corrosion
- 6.Can not fight against the damage caused by Juli
- 7.Damaged after sale
- 8.Brake lining, fuse, tire, lighting and other consumables
- 9.The above situation does not implement the "Three Guarantees" within the period of the "Three Guarantees", but the repair fee may be charged

Warranty card

User information	
User name	
Contact phone	
contact address	
Postal Code	
car date	
product models	
frame number	

trouble code		Troubleshooting Problems
Meter Display Fault description	E-001	motor failure.
	E-002	Acceleration handle failure
	E-003	Controller failure
	E-004	Brake failure: unplug the brake disconnect wire and see if the failure is eliminated/eliminated, brake handle failure, front brake rear brake. Not eliminated check brake tail light for short circuit, unplug the tail light power wire. Not lifted to change the controller
	E-005	Charge first and wait a while, or report a fault on the meter, there is a battery over the controller's high-voltage protection, to see if the battery is not used to install the wrong, and then look at the meter background whether the voltage settings are wrong!
	E-006	First check whether the communication line between the controller and the meter is connected correctly. correctly, and then take the test meter to go up and insert it to confirm that if the Well change the meter is not good to change the controller, there are test
	E-007	motor hall line is short-circuited, you can unplug the motor Hall wire to see if the situation is eliminated
battery failure	Charging can be turned on, everything is normal, unplug the charger shutdown or people on the car ride not far off the shutdown to change the battery charging green light	
	Charging green light, the remote control pressed no sound can not turn on the machine for two reasons, line insertion reverse or short circuit	
	Random power outages during a ride, repeated more than twice	
	Charging green light, the remote control pressed the sound, can turn on all normal	
fault resolution		
After the battery is fully charged, the meter shows no fault code and the car won't go, check if the controller has been installed incorrectly, or the battery.		
Headlights do not light up the horn does not sound usually first check the circuit wiring there is no problem, replace the headlights		
Usually the E-001 fault can still drive normally indicates that the motor Hall bad a controller with repair a Hall, in the case of can not go must replace the motor.		
Brakes rattling, raise the handlebar 20 cm more pinch a few left and right brake handle, sassafras on both sides of the brake disc oil, any oil can be.		
If charging is normal, headlights come on and the meter won't turn on replace the meter.		

MAKE A GOOD CAR WITH HEART

Service to create the perfect heart