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Be sure to read this manual before riding

SPARK

Introduction

- Thank you for purchasing ECOLO-CYCLE's Spark electric four wheel mobility scooter, and we sincerely welcome you to join users of ECOLO-CYC SPARKE
- To ensure a safer and more enjoyable driving experience, you should thoroughly familiarize yourself with the various items described in this manual before driving. Your personal safety protection depends not only on your own alertness and familiarity with the operating techniques, but also on your familiarity with the mechanical performance of electric four-wheelers. Every time you check before driving, regular maintenance is the most basic condition. When you need regular maintenance or repair, please contact our company's special maintenance department, knowing how to service your car, and ensuring that your car always maintains the best performance. If you have all kinds of mechanical and technical knowledge and maintenance tools, you can provide spare parts catalogues and official spare parts to help you with all kinds of maintenance and repair work.
- This instruction manual will explain in detail the correct operation method, simple maintenance, adjustment method, and durable use of the ECOLO-CYCLE'S's electric four-wheeled mobility scooter; if some technical specifications of the vehicle are changed, some pictures or contents in this manual are different from the actual situation of the vehicle. Please understand. The company reserves the right of final interpretation; I wish you a happy driving, thank you again for purchasing the ECOLO-CYCLEI's electric vehicle.

Important considerations

- The driver and occupant**
This type of electric four-wheeler is designed for use by one driver and one occupant (not allowed to carry children under the age of 12). It is forbidden to exceed the load quality of the vehicle specified in this manual.
- Road Conditions**
This type of electric four-wheeler is designed for driving on flat roads only.
If the technical specifications are changed, some pictures or contents in this manual may differ from the actual situation of the vehicle. Please understand it. The company reserves the right of final interpretation.
- Note: Please pay attention to the part with “◆”**
Failure to follow the instructions on the instructions may result in personal injury or damage to the equipment.
This instruction manual should be treated as a permanent part of the electric four-wheeler, even when the vehicle is transferred to another person, it should be transferred to the new owner along with the vehicle.

WARNINGS

Water is strictly prohibited from entering the components of ECOLO-CYCLES electric four-wheeled vehicle appliances, especially the controller. When cleaning the vehicle, users must pay attention to slow acceleration when the vehicle starts.

When the battery indicator reaches the lowest two grids (or the voltmeter indicator is in the yellow value), charge it! Otherwise, it will cause great damage to the battery.

The car charging plug cannot be touched by hand, otherwise the voltage will cause harm to the human body.

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I . Safe Driving of Electronic Four Wheelers

GUIDELINE FOR SAFE DRIVING

- 1、 ◆Electric four-wheelers are only suitable for people who are qualified after training! If you are manipulating an electric four-wheeled vehicle for the first time, please have a trained technician to monitor it to avoid accidents.
※Please do not drive at night when the lights are dazzling, the line of sight is dead, and you are not wary.
- 2、 ◆It is strictly forbidden to drive vehicles with fatigue.
- 3、 ◆It is strictly forbidden to drive the vehicle with the outside mirror folded.
- 4、 ◆It is strictly forbidden to use a mobile phone or mobile phone while driving.
- 5、 ◆Adjust the seat to the position for proper driving before driving.
- 6、 ◆Be especially careful driving at road intersections, entrances and exits of car parks and lanes.
- 7、 ◆Speeding is prone to accidents, so you should follow the speed regulations and never drive more than the specified speed.
- 8、 ◆Avoid driving through rough roads, because malfunction may damage to the body structure due to uneven road surface.
- 9、 ◆Before driving an electric four-wheeled vehicle, be sure to check the driving before driving.
- 10、 ◆Do not be too close to other motor vehicles during driving. It is strictly forbidden to rush and rush, and strictly abide by local traffic regulations.

Loading: ◆ Only 150kg (two people) load capacity is allowed, and if overloaded, it will affect the stability and handling of the vehicle.

II. Location map and instructions for each part

Tail light fixture location map



Instrument and indicator (Figure 2)

1. Radio volume indication
- 2, left and right turn signal indication: when the turn signal button is toggled, the left and right turn indicators flash.
3. High beam indication: always on after toggling the high beam button.
- 4, light indicator: indicates that the light switch is on.
- 5, Ready: "ready" means that the car is ready to start, when started, the "ready" indicator will turn off.
- 6, Caller ID: display when receiving and receiving calls.
- 7, Current speed display: display the current vehicle driving speed.
8. Dipped beam indication: the low beam indicator light is always on after toggling the low beam button.
9. Fog light indication.
- 10, Temperature indication: display the current outdoor temperature.
- 11, Bluetooth indication
12. Total mileage: Displays the total mileage of the vehicle.
- 13, speed indication.
- 14, gear indication: when the gear switch button "forward (D) neutral (N) reverse (R) brake (P)" is toggled, the letter will change accordingly.
15. Subtotal mileage: indicates the number of kilometers recently driven by the vehicle.
16. Power indication: display vehicle voltage (60V and above is fully charged, and the small grid below 60V drops by one block for every drop of 1V).

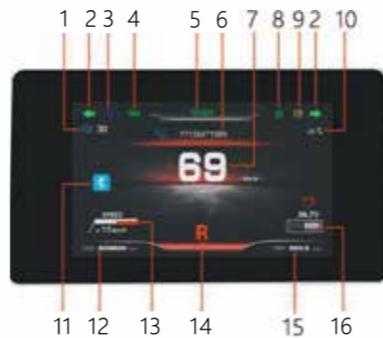


Figure 2

Figure 3



Adjustable seat (Figure 3)

Pull the front and rear adjustment levers to adjust the front and rear position of the seat. The seat back angle can be adjusted by pulling up the backrest angle adjustment lever.

12V power supply (Figure 4)-1

Provide a 12V/120W power supply.

Ignition Switch (Figure 4)-2

- (1) Turn ON the switch and turn it to this position to turn on the power. At this point, the car key cannot be pulled out.
- (2) When the OFF switch is turned to this position, the power will be turned off and the car key can be pulled out.

Ratio (Figure 4)-3

It is used to listen to AM/PM broadcasts, and you can also play MP3s by inserting a TF card into the b port or a USB flash drive in the c port.

- a. Power button b. TF card slot c. USB port d. Play/Pause button.
- e. Previous sang f. Next sang g. AM/FM/MP3 switch h. Volume - i. Volume+.



Figure 4

Headlight control switch (Figure 5)

Figure 5-1 shows the headlight control switch

OFF: In this position, the headlights, position lights, tail lights, and instrument lights are turned off.

☞: In this position, the position light, tail light, and instrument light are on.

☞☞: In this position, the headlights, position lights, tail lights, and instrument lights are on.

☞☞☞: Push down to the high beam and push up to the dimming light.

Figure 5-2 shows the turning signal switch

Turning the right turn signal when pushing the "↑" position upwards means turning to the right, and the right turn indicator lights up.

Turning the left turn signal when pushing the "↓" position down means turning to the left, and the left turn indicator lights up.

In the "●" position, the signal light goes out.

Wiper control switch (Figure 6)

Figure 6-1 shows the front windshield water spray switch

Push the switch up to spray the front windshield

Figure 6-2 shows the wiper switch

It is divided into 3 files, and the front and rear push switch selects the gear position from OFF to stop (stop), LOW (slow speed), HIGH (fast).

Do not operate the windshield wiper while the windshield is dry, as it may damage the wiper blades.



Figure 5



Figure 6

Gear knob switch (Figure 7)

The gear knob switch has 3 gear positions, and the gear knob is used to select the gear position.

1. **R file:** It is shown in Figure 7. When the adjustment knob is in the "R" position, the vehicle travels backwards and the reversing image automatically opens.

2. **N file:** It is shown in Figure . When the adjustment knob is in the "N" position, the power system stops working. Note: Parking must be used in conjunction with parking.

3. **D file:** As shown in Figure 7, when the vehicle is in the "D" forward gear, the vehicle travels forward.

4. Figure 7 shows the watering cover. Gently press down on the water-filled cover to open it. Twist the kettle lid to add the glass wash solution. After the addition, the kettle lid can be locked and the water-filled cover can be closed.

Control board

- a: Fan
- b: Heater
- c: Emergency buttons
- d: High and low speed switching
- e: Fog light

Parking lock (Figure 8)

Lock the car: Pull up the parking lever, and the rear wheel locks the car and cannot move.

Unlocking: When the parking lock is in the locked state, press and hold the front end button of the handbrake lever, lift the lever slightly, and push the lever down to the bottom.



Figure 7



Figure 8

Power off switch (Figure 9)

When the power-off switch is in the 1 state, the power is turned on and the car can be operated.

When the power-off switch is in the 2 state, the power is off and the car cannot be operated. (It is also a hidden anti-theft measure)

Remote control (Figure 10)

When the button 1 is pressed, the vehicle lock is turned on, and when the button 2 is pressed, the vehicle is locked.

Charging interface (Figure 11)

1. When the meter displays low battery, the user needs to charge, open the charging port, and plug the external power into the charging port to charge.

2. The charging interface is for charging and is not allowed to be powered on.

3. Do not touch the positive and negative terminals with metal or hands to prevent the appliance from short-circuiting or burning the skin.

Charger:

1. Use a stable quality, model-matched charger to charge, the charger should have over-charge, over-current, over-voltage and other protection functions.

2. When the battery is less than 80%, the red indicator light will be on when charging. When charging, the battery is 100% green, and the battery is full.



Figure 9



Figure 10



Figure 11

Car door lock (Figure 12)

Unlock the vehicle first. Click the remote control unlock button or use the key to insert a to unlock the door lock, then pull the handle b to open the door.

Window lift and inner door handle (Figure 13)

When in the car, pull the handle 1 at the door to open the door.

The door glass on both sides of the car is adjusted by electric lift. By pressing button 2, press button 2, the window is lowered; pull up button 2, the window rises.

Charging precautions:

1. The new car battery is not full, the user needs to charge after driving, and the key brake should be removed when charging.

2. It is strictly forbidden to exceed 12 hours per charging time. When the vehicle is not in use, it should be charged once a month.

3. It is strictly forbidden to use a non-national standard charger to charge the vehicle. The charger should be placed in a well ventilated position when charging. Do not charge in the place where debris or flammable or explosive materials are stored.

4. It is strictly forbidden to charge indoors. When charging, store the vehicle outdoors or in an open position. No debris or inflammable or explosive materials are allowed around.

5. The ambient temperature during battery charging is preferably 10 to 30 ° C and maintains good ventilation.

6. It is strictly forbidden to use the charger on other vehicles to charge the vehicle.

7. Do not charge the vehicle in wet areas with rain.



Figure 12



Figure 13

STEERING SYSTEM (DISC)

- 1.Centering on the direction of the pipe string, turn the steering wheel left and right to adjust the steering function. When steering the steering wheel with both hands, the left hand is the main and the right hand is the auxiliary;
- 2.When turning the steering wheel to the right, the left hand starts to rotate to the right and the right hand assists to rotate.
- 3.When turning the steering wheel to the left, the right hand starts to rotate to the left and the left hand assists to rotate.
- 4.Turn the steering wheel angle according to the driving route. When driving on a straight road, the two hands should hold the steering wheel firmly and correct the direction at any time to keep the vehicle in a straight line.
- 5.When turning the steering wheel, the force is too strong, and the emergency is urgent. Do not turn the steering wheel after the vehicle stops. When driving on uneven roads, hold the steering wheel with both hands; in case the steering wheel is out of control, an accident will occur.

Horn switch (Figure 14)

When you press this switch button, the speaker will beep.



Figure 14

2.5. Detailed explanation of vehicle operation

- (1) High beam lamp: when the button is in the " " position, the high beam lamp will be on
- (2) Low beam lamp: when the button is at " " position, the low beam lamp will be on
- (3) Turn switch: when the button is turned to the " " mark position, it means to turn left. At this time, the left turn signal lamp and left turn signal ,when the button is pulled to the " " mark position, it means to turn right. At this time, the right turn signal and the right turn signal



Figure 15

III. Operation Guidelines

PRE-DRIVE INSPECTION

Before each driving, the vehicle should be routinely inspected to ensure that the electric four-wheeler performs well to ensure safe driving.

POWER DISPLAY

Turn the ignition on and watch the position indicated by the fuel gauge. The vehicle should be charged when it is near the red mark position.

Brake pedal and accelerator pedal (Figure 17) (If equipped with steering wheel.)

1. Fig. 17 (1) shows a suspension brake pedal, and the driver controls the strength of the braking force by controlling the amount of depression.

2. Fig. 17 (2) shows the organ type accelerator pedal, and the driver controls the strength of the power by controlling the amount of depression.

Both the brake pedal and the accelerator pedal are operated by the right foot.

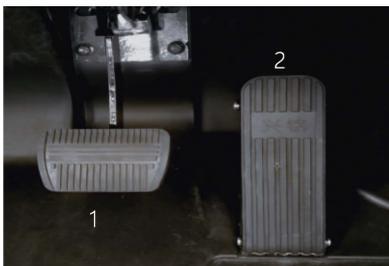


Figure 17

STEERING SYSTEM (HANDLE)

1. The steering function is adjusted by centering on the direction of the pipe string and adjusting the steering function. When the two hands are in the direction of manipulation, the left hand is the main and the right hand is the auxiliary;

2. When turning to the right, the left hand pushes the handle in the forward direction, and the right hand assists the handle to the rear to reach the right steering position;

3. When turning to the left, the right hand pushes the handle in the forward direction, and the left hand assists the handle to the rear to reach the left steering position;

4. According to the direction of rotation of the driving road, when driving on a straight road surface, the two hands should hold the handle tube in a stable direction and correct the direction at any time to keep the vehicle in a straight line.

5. When the direction of rotation is turned, the force is not allowed to be too strong, and the sharp turn is urgent. After the vehicle stops, do not turn the direction. When driving on uneven roads, hold the direction with both hands; in case the steering is out of control, an accident will occur.



Figure 18

DRIVING OPERATION

Preparation before starting: Open the parking lock of the vehicle, make sure that the power-off switch is in the state of 1 in Figure 9, insert the key into the ignition switch, and rotate it to the "ON" position.

Turn the gear knob switch to the "D" position and lower the parking lever.

Slowly accelerate the accelerator pedal, the vehicle starts, and the accelerator pedal is released when decelerating.

◆Warning:

Do not quickly perform a throttle operation. Otherwise, the electric vehicle may quickly rush out and may lose control.

BRAKING OPERATION

To reduce the speed of the vehicle, first release the accelerator pedal, step on the brake pedal, and select the appropriate braking force according to the specific situation.

◆Warning: Special care must be taken when driving on wet or soft surfaces and in rainy conditions, whether braking, accelerating or steering.

Note: 1. When driving a steep slope, you should first release the accelerator pedal and use the front and rear wheel brakes to reduce the speed.

2. When driving the road slips or bends, do not use the brakes to give the brakes to avoid accidents.

PARKING OPERATION

When parking, turn the gear knob switch to the "N" position, turn the ignition switch to the OFF position and pull up the parking lever (see page 10)

ANTI-THEFT POINTS

- ▲ The door should be locked in time and the parking lever should be pulled up. Never leave the car key in the lock hole of the ignition switch.
- ▲ Turn off the power off switch when leaving (see page 11);
- ▲ A superior quality anti-theft device should be used.
 - ◆Warning:
 - Tire (front wheel pressure: 200KPa rear wheel pressure: 250KPa)
 - The tire pressure should be checked regularly and adjusted.
- ▲ The tire's pressure can only be checked when the tire is cooled.
- ▲ Always check for punctures on the tires, especially if there is a leak in the tire.
- ▲ Check the tread for cuts, nails or other sharp objects. Inspect the rim for indentations, dents, or deformation.
- ▲ When the tread pattern is ground to the tread wear limit mark, the new tire should be replaced.
 - ◆Warning:
 - If the tire pressure is not up to standard, the tire surface will be excessively worn and may cause a car accident. If the tire pressure is too low, the tire will slip or come out of the rim.
- ▲ It is very dangerous to use tires that are very worn, which will affect the adhesion between the tire and the road, causing difficulty in driving or even accidents.

IV. Maintenance and Repair

MAINTENANCE

Maintenance cycle: The maintenance period based on driving mileage is the basis for the implementation of regular maintenance and lubrication of the vehicle. If you are driving at high speed for a long time under bad conditions, you must increase the number of maintenance; if the electric four-wheeled vehicle has been overhauled or has been hit, you must ask the maintenance department personnel to carefully check the main parts of the electric vehicle, repair or Replace the parts that have been misplaced or damaged to ensure the safety of the vehicle.

Maintenance method (Figure 19)

- ◆ The rear axle needs to be replaced with gear oil every time the vehicle travels 2,000 km.
- ◆ Open the bolt 1 and run out of the gear oil, then tighten the bolt 1. Open the bolt 2 and pour the gear oil (85W/90GL-4) to about 1 liter. Then tighten the bolt 2 after the refueling.



Figure 19

- ▲ Note: In order to ensure the safety and reliability of electric vehicles, electric vehicles are not allowed to be modified. Replace with new original parts or equivalent parts of the same quality for repair or maintenance. If other poor quality parts are used, the performance and operating functions of the electric vehicle will be affected.

Warning: In order to ensure the safety of personnel, no matter the maintenance work of any program, be sure to turn off the power, park the car on a flat and hard ground and stabilize it.

- ▲ Note: If you park your car for more than one month or stop using it during the winter, you need to do maintenance work to prevent deterioration, aging and corrosion of tires and batteries.

Unless the driver or owner of the vehicle has a full set of repair tools and maintenance information, and is a qualified mechanical professional, the professional should be responsible for maintenance and repair.

From a safety point of view, we claim that these items should be maintained or repaired by the maintenance department personnel.

Note: 1. If the vehicle is often driven in particularly humid or dusty areas, it is best to shorten the specified maintenance period.

2. If you are driving on uneven roads frequently, please maintain them in time to ensure the performance of the vehicle.

Simple Troubleshooting (Table 1)

(—) Power supply and braking

Fault	Reason	Dealing Methods
Vehicle cannot drive	The key switch is placed in the "OFF" state or the gear knob is in the neutral position	Rotate the key to the position of "ON" to select the direction of movement of the shift switch
	Battery is dead	Recharge
	Battery wiring electrode is corroded or loose	Clean the corrosion area and tighten the link nut
	The key switch wire is loose or damaged	Connect the wires and repair the key switch
	Accelerator switch is damaged	Replace the switch
	Power off switch is not turned on	Turn off the power switch
	Drive motor failure	Check the faulty part for repair or replace parts
Unstable speed	Parking lever is not lowered	Release the parking lever
Drive motor abnormal sound	Damage to the accelerator pedal	Replace the accelerator pedal
	Drive motor bearing wear	Replace bearing
Battery can't be charged	Motor damage	Repair damaged parts or replace the motor
	Damaged charger	Check charger failure, repair or replace charger
	Poor contact of the charger	Plug in the charger plug correctly
	Battery is damaged	Replace the battery
	Over-discharge of battery	Check or replace the battery

Suspension and Steering System (Table 2)

Fault phenomenon	Reason	Dealing Methods
Uneven tire wear	Tire pressure is too low	Inflate to the recommended barometric pressure
Steering is not flexible, the direction is swinging (Swing, tremble or vibrate)	irectional column bearing lubricating oil	Inject a proper amount of oil
	Each moving part hinge loses lubricating oil	Spare parts for moving parts
	Steering column wear	Replace the steering column tube
	Uneven tire inflation pressure	Adjust tire inflation pressure
	Steering wheel steering	Tighten the lock nut
	Steering column lock nut loose	Tighten the lock nut
	Wheel swing	Repair or replace the wheel
Brake deviation	Loose hub nut	Tighten the nut
	Uneven tire inflation pressure	Adjust tire inflation pressure
Not enough power	Uneven wheel braking force	Adjusting the twitching shoe
	Brake shoes are severely worn	Replace brake shoes
	The brake oil pipe leaks oil and the brake fluid is not enough	Tighten the tubing joint after venting, add brake fluid
	Brake shoes and brake discs are oily or watery	Clear

Electronic Control System (Table 3)

Fault phenomenon	Reason	Dealing Methods
Turn on the key switch, the power indicator has no display, no contactor pulls the "click" sound	Key switch disconnected	Repair or replacement
	Loose or open circuit connector	Fasten the connector or connect the wire
	Control circuit or power failure switch is damaged	Replace
	Battery pack polarity reversed	Change polarity
Turn on the key switch, the power indicator has a display, and there is a contactor to pick up the "tick" sound electric vehicle does not start.	Handbrake lever is not returned	Adjust
	Shift knob is damaged	Inspection, repair, replacement
	Accelerator failure	Check the faulty part for repair or replacement parts
	Contactor contact failure	Check the faulty part for repair or replacement parts
	Speed controller failure	Check the faulty part for repair or replacement parts
	Drive motor failure	Check the faulty part for repair or replacement parts
The vehicle sometimes stops	The controller is damp or drenched	Inspection, drying
	Circuit over current and over temperature protection system not activated	Check and eliminate whether the parking device has been fully released for long-term transportation, climbing or replacing the controller
The vehicle stops upon start	Loose circuit connector	Tighten the connector and connect the wires
	low power	Battery charging
The vehicle stops upon start	Drive motor failure	Inspection, repair

Battery maintenance (Figure 20)

This model uses a closed battery (without water)

Note: Do not disassemble the closed battery electrolyte cover.

- ▲ When the vehicle is not used for a long time, please remove the battery and fully charge it and store it in a cool, ventilated and dry place.
- ▲ When the battery post is corroded, remove the battery and clean it. (wash with boiled water)

Note: When removing the battery, turn off the ignition switch, and then remove the negative pole first. Install the positive pole first and then install the negative pole. Do not misplace the positive and negative poles.



Figure 20

Maintenance and repair of hydraulic brakes (please send to designated repair shop for maintenance) (Figure 21)

Liquid level: If the liquid level is not oiled as shown in Figure 1, it is necessary to add oil.

Deflation: Open the cover first, loosen the bolt as shown in Figure 2, and operate the brake handle one by one. Repeat the deflation several times.

Tighten: After exhausting, hold the brake handle as shown in 3. Tighten the bolt cover.



Figure 21

V. Vehicle Storage

STORAGE

In order to store electric vehicles for a long period of time, for example, in winter, several steps are required to prevent malfunction or damage to the parts caused by long-term use of electric vehicles.

In addition, some maintenance work is required before the storage is prepared, otherwise the maintenance work is often forgotten when the electric vehicle is used again.

- ▲ Replace the rear axle gear oil.

Cover the electric vehicle with a car cover.

When the motor is taken out of the storage room and used again

- ▲ Remove the car cover and wipe the electric car clean. If the storage time has exceeded 4 months, the axle gear oil should be replaced.
- ▲ Charge if necessary, then install the battery.
- ▲ Carry out all Pre-drive inspections, first test the electric car at low speed for a period of time in areas where traffic is not busy to ensure safety.

Please charge batteries once a month.

VI. Vehicle Identification

VEHICLE PLATE

The vehicle nameplate is located on the lower right side of the seat, next to the parking lever. It includes information such as frame number, model, brand, vehicle quality, motor model, maximum output power, rated voltage, loading quality, and production date.(Figure 22)

The above frame number is required when repairing and replacing parts.



Figure 22

The frame number, factory information, etc. are printed on the side of the parking lever, which can be found after the right door is opened.

IX. Tips on after-sales services

"The Guarantee" Period and Failures

No.	Component Name	The Guarantee Period	Identification Standards	Notes
1	Frame	Twelve months	De-weld, fracture, deformation of the frame	1."The guarantee" is not given to damage caused by improper handling or impact; 2."The guarantee" is not given to privately modifying the frame structure;
2	Direction handle	Twelve months	De-soldering, leading to deviation of the whole vehicle	1."The guarantee" is not given to human impact, and collisional fracture;
3	Lower board	Twelve months	Welding fracture, deformation, de-soldering	1."The guarantee" is not given to human impact, and collisional fracture;
4	Electric machine	Twelve months	1.Coil ablation or magnetic steel degradation, shedding 2.Cracking of the casing and breakage of the motor shaft	1."The guarantee" is not given to shell cracking, coil ablation, motor wire cutting, etc. caused by human factors
5	Controller	Twelve months	1.Outgoing end remains intact and untouched 2.Internal short circuit, open circuit or other function affects the quality of the problem	1."The guarantee" is not given when the outlet is artificially cut, the label is torn, and the date is modified. 2."The guarantee" is not given to private opening or artificially modified
6	Rear bridge	Twelve months	Desoldering, breaking, deforming, twisting	"The guarantee" is not given to damage caused by improper driving or improper operation
7	Gearbox	Twelve months	1.Faults caused by shell cracking, oil leakage, and gear damage	1."The guarantee" is not given to shell cracking due to collision, breakage, and transportation 2."The guarantee" is not given to disassembly and assembly, resulting in gear missing
8	Wiper motor	Three months	Internal coil short circuit, open circuit	"The guarantee" is not given to artificial packaging damage
9	Instrument	Six months	1.The function of the meter is not displayed, the needle is not removed, the reset is not reset, and the light is long.	1."The guarantee" is not given to artificial packaging damage

Battery 6 months guarantee.

10	converter	Six months	Short circuit, open circuit, no voltage output, unstable output voltage and affect the use;	
11	Heater control box	Six months	1.The outlet end remains intact and untouched; 2.Internal short circuit, open circuit or other reasons affect the use;	
12	Directional column	Six months	Desoldering, cracking and deformation at the weld	
13	Damping	Six months	1.Deformation, fracture under normal use 2.Shock absorption oil seal's serious oil leakage	
14	Brake system	Six months	Tubing oil leakage, brake stuck or broken	
15	Wheel tire	one month	Surface cracking, drumming, interlayer breakage or exposed wire	
16	Wheel	Six months	Trachoma, cracking, swinging, deformation	
17	Front axle	Six months	Desoldering, cracking, deformation at the weld	

SPARK

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STAY DIFFERENT

New energy electric vehicle leader

MORE HIGH-END URBAN LEISURE CAR

