FORWARD

Forward

Congratulations and thank you for purchasing the new energy electric vehicle of Pony produced by Beijing Automobile Works Co.,Ltd.

The purpose of writing this manual is to help you understand all the characteristics of the vehicle and use the vehicle in the best way as much as possible. The manual contains important information, suggestions and instructions related to the vehicle usage, which can give full play to the vehicle performance. The manual also provides special function introductions and tips, and contains necessary information such as proper maintenance, repair, safe driving and usage.

All contents provided in this manual are current at the time of printing. Beijing Automobile Works Co.,Ltd. is solely responsible for the revision and explanation of this manual, and reserves the right to change product after the manual is printed without prior notice. For information about product change, please consult the local service station. Some images in this manual are sketches for reference only. If the images are inconsistent with the actual vehicle, subject to actual vehicle.

Please read this manual carefully before using, and keep it well after reading for use when necessary. If you resale this vehicle, please deliver this manual and all documents provided with your vehicle to new owner for use when necessary.

Special Statement

Please read this manual carefully before using the product, especially "Quality Warranty" section of this manual, avoid losing the right to enjoy the quality warranty services provided by our company due to violation of regulations.

If any problem is found during using our company product, please contact the local service station for inspection and repair. Local service station has the right to decide whether to repair or replace them with equivalent parts after consulting with the user according to the condition.

If you have any question when reading this manual carefully, the local service station will give you a more detailed explanation. Meanwhile, your valuable advice is most welcome.

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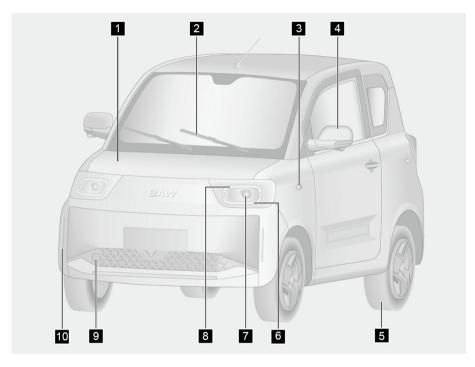
Wish you enjoy a driving pleasure!

Delivery Inspection Certificate

IN WITNESS WHEREOF, this vehicle has passed delivery inspection as company required and the product quality meets the factory quality standard of the company.

Owner/Company Name:	Vehicle applications: Individual ☐ Company ☐ Other ☐
ID Card No./Company Code:	
Address/Post Code:	
Contact Phone:	
VIN:	
Certificate Number:	
Delivery Date:	Signature of User:
Address of Service Station:	
Telephone:	Signature/Seal:

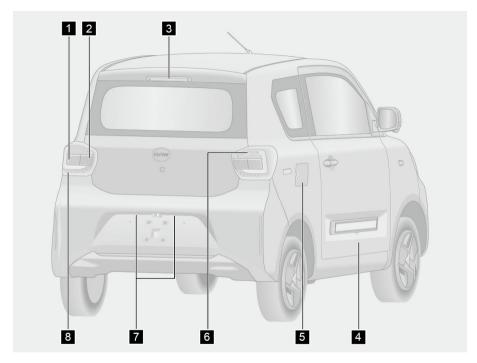
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Note: For all equipment, please refer to the actual vehicle.

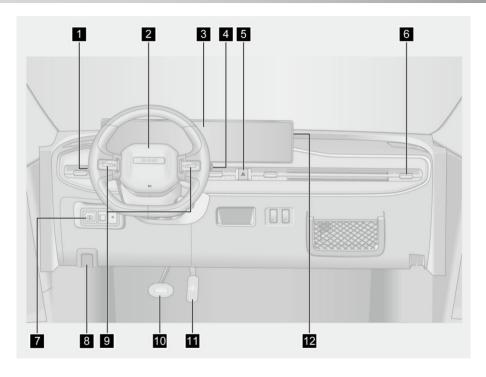
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Note: For all equipment, please refer to the actual vehicle.

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1-1. Vehicle Equipment

Vehicle Equipment

Please note that this manual contains standard equipment, national standard equipment and special equipment for this series model. Therefore, some equipment functions described in this manual may not be equipped on your vehicle or are only supplied in certain markets. For detailed configuration information, please refer to relevant sale information or consult your service station at the time of purchase.

1-2. Spare Parts and Modifications

Spare Parts and Modifications

It is recommended to use genuine components of Beijing Automobile Works Co.,Ltd. for replacement and installation if replacement is necessary.

Beijing Automobile Works Co.,Ltd. cannot accept any liability nor can it guarantee components which are not genuine BAW products. In addition, vehicle damage and performance problems resulting from the use of non-genuine BAW components may not be covered under warranty.

Do not modify the vehicle in any way, doing so may affect its safety, durability and other performance and violate the limited warranty conditions of the vehicle.

1-3. Manual Effectiveness

Manual Effectiveness

All contents provided in this manual are current at the time of printing. However, in order to meet the needs of users and technological progress, we reserve the right to make changes (vehicle equipment, product design and technical features) at any time without notice.

1-4. New Vehicle Break-in

New Vehicle Break-in

Due to machining and assembly errors, when using your new vehicle at initial stages, friction resistance between moving parts of a new vehicle is much bigger than normal. New vehicle break-in is mainly to improve the surface quality and friction state of moving parts and extend the service life.

In order to ensure full play to the vehicle performance and reliability in the future, the new vehicle should observe the following precautions for the first break-in 1.000 km:

- Drive on a level ground and avoid driving on muddy or sandy roads during break-in period.
- Generally, driving speed should not be more than 50 km/h.
- Please avoid emergency braking within first 200 km of new car, because the brake cannot provide

1. USER NOTICE

ideal brake friction at this time, the braking distance during emergency braking is longer than that after break-in. At this time, reduced braking force can be increased by depressing the brake pedal firmly.

- Drive carefully in the first 500 km when starting to use new tires, because the best adhesion at this time is not available.
- After a new vehicle drives for 800 km, tighten wheel nuts again to the specified torque. Also, if wheel has been replaced or wheel nuts have been loosened, tighten wheel nuts again to the specified torque after driving for 800 km.
- When the decelerator is maintained for the first time after performing break-in, the gear oil is required to be replaced.
- After break-in, the drive motor, on-board three-in-one and motor controller are all operating normally.

1-5. Prompt Information

Prompt Information



Indicates that the relevant chapter in this manual must be read before any operation.



CAUTION

Indicates that a potentially hazardous situation, which if not avoided, may result in damage to your vehicle and its equipment, reducing the vehicle's life span.



WARNING

Indicates that a potentially hazardous situation, which if not avoided, may result in damage to your property, personal injury or even death.



ENVIRONMENTAL PROTECTION

Indicates that the waste must be handled or disposed according to the local environmental protection regulations. otherwise. the environment will be contaminated.

2-1. Instrument Cluster

Instrument Cluster

Instrument cluster overview (10.25-inch)



- Multi-functional Information
 Display Area
- 2 Speedometer
- 3 Charging Status Information
- 4 Odometer
- 5 Power Meter
- 6 Gear Position Indicator
- 7 Drive System Instantaneous Power Gauge
- 8 Remaining Driving Mileage

Multi-functional information display area

It can display multiple screen information, such as voltage, current, motor speed, motor temperature, average power consumption, trip mileage and DTC display, etc. DTC is displayed on the third page of this location if there is a motor or electronic control failure.



CAUTION

Do not keep high motor speed for a long time, the motor may be overheating causing serious damage due to running at high speed for a long time.

Speedometer

Current driving speed (unit: km/h).



CAUTION

- Please maintain the limited speed in the speed limit area.
- Speedometer is affected by tire size used in vehicle. Only tires of original size can be used.

Charging status information

When the vehicle is charging, voltage, current, remaining charging time and other contents are displayed.

Odometer

Display total mileage of vehicle.

Power meter

Display remaining charge of power battery. The indication range of power meter is $0 \sim 100$. When the first grid of power meter flashes, it indicates that the remaining power battery power is about 10%. At this time, the vehicle speed will gradually decrease, which

will cause the vehicle to stop. Please charge the vehicle in time to protect the battery.

Gear position indicator

The current gear position of vehicle is displayed.

Drive system instantaneous power gauge

Display the instantaneous power of drive system as a value and a bar graph percentage.

Remaining driving mileage

The mileage with remaining power is displayed.

♠ CAUTION

- After the low power warning light comes on, discharging capacity of the power battery decreases significantly. At this time, do not drive long distance and charge vehicle in time.
- Driving mileage is calculated by the on-board computer and can only be used as a reference.
- Actual driving mileage is related to variety factors such as current road conditions (such as large and long slopes), driving habits (such as frequent acceleration and deceleration), temperature (such as low temperature), whether electric appliances (such as air conditioning system) is turned on.

Instrument Cluster Adjusting Switch



The adjusting button can be used to switch the display mode and reset the trip mileage, and is located on the left side of dual screen. Shortly press once to switch one page, there are 3 pages in total. It can display voltage, current. motor speed. motor temperature. average power consumption, trip mileage and DTC display, etc. To reset the trip mileage, long press the adjustment button for more than 3 seconds in trip mileage display interface on the second page.

2-2. Operation/Malfunction Indicator

Operation/Malfunction Indicator

When turning power switch to ON, some malfunction indicators will come on for a short time, indicating that system is performing self-check. If one system malfunction indicator remains on or flashes after starting the vehicle, please go to the local service station for inspection and repair immediately.

The operation indicator is used to alert driver the operating condition of a certain vehicle's system, the corresponding operation indicator will come on. Malfunction indicator is used to remind and alert driver that a certain system of the vehicle is malfunctioning, the corresponding malfunction indicator will come on or flash.

READY indicator	READY	After vehicle is started, this indicator comes on, indicating vehicle is ready.
Turn signal indicator	*	When the left or right turn signal lights are turned on, the corresponding turn signal indicator flashes. When hazard light switch is turned on, both left and right turn signal indicators will flash simultaneously.

Headlight low beam indicator		When low beam lights are turned on, this indicator comes on.
Headlight high beam indicator	≣ ○	When high beam lights are turned on, this indicator comes on.
Position indicator	= 00=	When position lights are turned on, this indicator comes on.
Rear fog light	() ‡	When rear fog lights are turned on, this indicator comes on.

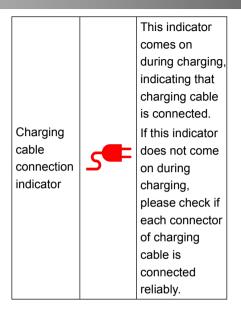
ABS malfunction indicator	(ABS)	If this indicator comes on during driving, indicating that ABS system is malfunctioning, please go to the local service station for inspection and repair as soon as possible.
Electric Power Steering (EPS) system malfunction indicator	(EPS)	If this indicator comes on during driving, indicating that EPS system is malfunctioning. Please contact the local service station for inspection and repair immediately.

Electric Brake Force Distribution (EBD) system malfunction indicator	EBD	If this indicator comes on during driving, indicating that EBD system is malfunctioning. Please contact the local service station for inspection and
		repair immediately.
ECO mode indicator	ECO	Vehicle starting initial state is ECO mode, this indicator comes on.

Abnormal tire pressure malfunction indicator	(!)	This indicator is used to alert the driver that tire pressure is improper. Please check if tire pressure is too low or temperature is too high. If tire pressure is normal, please go to the local service station for inspection and repair as soon as possible.
Hill hold control system on indicator	3	If this indicator comes on during driving, indicating that hill hold control system is turned on.

Drive system power limitation indicator	•	If this indicator comes on during driving, indicating that drive system may be malfunctioning, please go to the local service station for inspection and repair as soon as possible.
Battery power indicator	- +	If the indicator comes on, it indicates that the remaining power of power battery is less than 20%. Please arrange your trip reasonably.

Battery power indicator	-+	If the indicator comes on, it indicates that the remaining power of power battery is less than 10%. Please charge in time.
Seat belt unfastened warning light	Å	This indicator is used to alert the driver that the seat belt is not buckled or fastened firmly. Check that seat belt is fastened firmly and drive safely.



Vehicle system malfunction warning light	₹	If this warning light comes on, it indicates that the vehicle system is malfunctioning. Please contact the local service station for
		inspection and repair
		immediately.
	- +	If this indicator
		comes on
		during driving,
		indicating that
DC		DC system is
malfunction		malfunctioning,
indicator		please go to the
		local service
		station for
		inspection and
		repair as soon
		as possible.

Parking brake indicator	(P)	After applying parking brake, this indicator comes on. After releasing parking brake, this indicator goes off.
Electronic brake force distribution system malfunction indicator/Lo w brake fluid level malfunction indicator		This indicator is used to alert the driver that brake fluid level is low or electronic brake force distribution system is malfunctioning. Please check the brake fluid level or go to the local service station for inspection and repair.

	•	
) ;,		
ter		Door open indicator
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When any door is opened, the indicator comes on. After the door is closed, the indicator turns off.

2-3. Steering Wheel

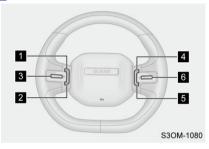
Horn



To sound the horn, press center area of the steering wheel.

Obey local regulations regarding usage of vehicle horns.

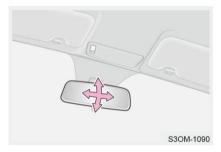
Steering Wheel Buttons (If Equipped)



- Press the button to switch to previous track
- Press the button to switch to next track.
- Press the roller to switch modes. Push the roller up to fast rewind, and push the roller down to fast forward.
- 4 Answer the call.
- 5 Hang up the call.
- Turn the roller to adjust the volume; Push the roller to mute the audio system.

2-4. Rear View Mirror

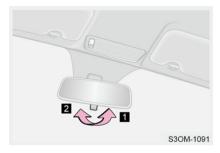
Inside Rear View Mirror Adjusting inside rear view mirror position



Manually adjust inside rear view mirror to a proper position before driving, to make sure that driver can achieve an optimum view.

Glare-resistant function

By operating the control lever, the reflected light from the headlights of vehicles behind can be reduced



Manually adjust inside rear view mirror to a proper position before driving, to make sure that driver can achieve an optimum view.

When encountering the high beam of rear vehicle, move the control lever forward or backward to adjust the reflection angle of rear view mirror. The glare-resistant effect is achieved by changing the reflection angle.

MARNING

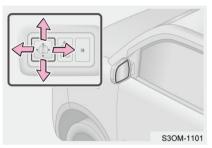
Do not adjust rear view mirror position while driving, doing so may result in an accident due to mishandling or even serious injury or death.

Outside Rear View Mirror Adjusting outside rear view mirror manually (if equipped)



Press the edge of lens by hand to adjust to a suitable visual field.

Adjusting outside rear view mirror electrically (if equipped)



Operate the control lever to select the mirror to be adjusted ("L": left side, "R": right side). Operate the control button to adjust the rear view mirror lens up and down or inside and outside. After adjustment, reset the control lever to the middle position.

Folding outside rear view mirror



Push the rear view mirror forwards or backwards to fold outside rear view mirror.



WARNING

- Do not adjust outside rear view mirror while driving, otherwise it may cause accidents and personal injuries.
- Before driving, the outside rear view mirror must be extended and adjusted appropriately. Do not drive vehicle with outside rear view mirror folded.

2-5. Wiper System

Wiper Operation Wiper combination switch



Turn power switch to ON, move wiper combination switch:

- OFF: Turn off front windshield wiper
- INT: Intermittent wiping
- 3 LO: Low speed wiping
- 4 HI: High speed wiping

Front washer operation



Turn power switch to ON, pull wiper combination switch towards steering wheel and hold, the front washer sprays water, and front wiper operates simultaneously. Front washer will stop operating when the switch is released, the wiper will wipe 3 cycles at low speed.

↑ WARNING

- In freezing weather, it is very dangerous to use windshield washer fluid without antifreeze.
 Because it may be frozen onto windshield, and your vision is interfered, resulting in an accident.
- If worn or dirty wiper blade is used, the definition of front view will be greatly reduced and affect driving safety. Therefore, damaged or worn wiper blades and which can not clean windshield properly must be replaced in time.

↑ CAUTION

- Do not use wiper when windshield is dry, doing so may damage front windshield and front wiper.
- If pull wiper combination switch and hold for a long time, it may damage washer fluid pump.
- If no windshield washer fluid can be sprayed, check that washer nozzle is not blocked, and check whether there is washer fluid in windshield washer fluid reservoir.
- Do not try to clear a nozzle with a pin or other objects by yourself when it becomes blocked, or it will be damaged. Please go to the local service station for inspection and repair.

2-6. Lighting System

Exterior Lighting Headlight combination switch



Turn power switch to ON, rotate headlight combination switch:

- OFF: Turn off headlight.
- 2 3005: Turn on position lights, license lights and backlights.
- 3 ^{©©}: Turn on low beam lights and all above lights.



When parking vehicle for a long time or before leaving vehicle, make sure that headlight combination switch is turned off to prevent the battery from discharging. Failure to do so may cause that the vehicle cannot be started.

Headlight high beam



- Push headlight combination switch away from yourself to turn on high beam light. Pull the switch to the original position to turn off high beam light.
- 2 Pull the control handle to yourself

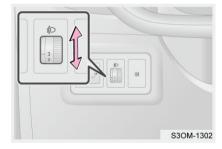
and then release, the high beam light flashes once.

\triangle

WARNING

When approaching oncoming vehicle or vehicle ahead, be sure to switch high beam lights to low beam lights. The high beam lights will temporarily blind other drivers, which may result in collision.

Leveling headlight beam



After turning on headlight, headlight beam leveling (levels 0 - 3) can be adjusted according to the number of passengers and vehicle load. The

higher the value, the higher the beam level.

Turn signal light



- Right turn
- Change lane to right (Pull the control lever to the halfway position and release it)
- Change lane to left (Pull the control lever to the halfway position and release it)
- 4 Left turn

Rear fog light



When the low beam lights of headlight are on, press rear fog light switch on the instrument panel switch to turn on rear fog light, rear fog indicator on instrument cluster will come on.

Press rear fog light switch again to turn off the rear fog light, rear fog indicator on instrument cluster will turn off

READ

- When turning off position lights, rear fog light is turned off at the same time.
- Obey local regulations regarding usage of fog lights.

Daytime running light

When the vehicle is in READY, daytime running lights come on. When position lights or low beam lights turn on, daytime running lights turn off.

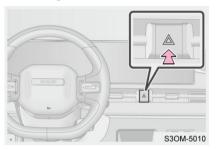
Brake light

Depress the brake pedal, brake light and high mounted brake light turn on.

Back-up light

Turn power switch to ON, shift gear position to R, back-up light turns on.

Hazard light



Press hazard light switch, turn signal lights flash and the turn signal indicator on instrument cluster flashes at the same time; press the switch again, turn signal lights and indicator will turn off.

In case of vehicle failure or traffic accident etc., please turn on the hazard lights to warn other vehicles to avoid the secondary accident.

Interior Lighting Front interior light



ON: Turn on the front interior light.

OFF: Turn off front interior light.

DOOR: When any door or back door is opened, the front interior light will turn off after coming on for 30 seconds. When it is turned on, if the power switch is turned to ON and all doors are closed, interior light goes off immediately; When it is turned on, if the power switch is not turned to ON and all doors are closed, interior light goes off after 15 seconds.

READ

When unlocking the vehicle, the front interior light will come on for 15 seconds.

\triangle

CAUTION

When driving at night or in darkness, avoid using the front interior light. The bright cabin will reduce the visibility of the outside environment, resulting in accidents.

2-7. Seat

Correct Sitting Posture

The seats, head restraints, seat belts are helpful to protect passengers. Using them adequately will provide you with more protection.



- Adjust seatback angle so that you can sit up straightly, it is not necessary to tilt the body forward.
- Adjust seat so that you can fully depress the pedal, hold the steering wheel with slightly bent arms
- 3 Fasten seat belt properly.

⚠ WARNING

Before driving, adjust the seat and rear view mirror to proper position to ensure safety driving.

Front Seat



- Forward and backward adjustment grip for seat position
- 2 Seatback angle adjustment grip
 The front seat position is designed slide 180 mm forward and 10 mm backward, and the seatback angle is designed to be adjustable within 25°.

MARNING

- Do not recline seat more than necessary during vehicle driving to prevent your body from slipping out of the lap belt. If reclining seat more than necessary, the lap belt may slide over the hips and directly strangle the abdomen or make the shoulder belt comes into contact with the neck. Once an accident occurs, it will increase possibility of serious injury or death.
- Make sure that each adjustment parts of seat are locked in place.
 Adjustable seats and seatback that are not securely locked are very dangerous In case of emergency braking or collision, it may cause the seat or seatback accident movement, resulting in personal injury. Try to slide the seat forwards and backwards and shake the seatback to ensure that it is locked in place.

⚠ WARNING

- Use extreme caution when adjusting the seat position to ensure that other occupants will not be injured when moving the seat.
- Do not allow a child to adjust seat. It is very dangerous to allow a child to adjust seat. Once the hands or feet of child are stuck, it may cause serious injury.
- Do not adjust seat while driving, otherwise the seat may move unexpectedly and the driver will lose control of vehicle.
- If the seat is damaged, it is very dangerous to drive the vehicle at this time. Please go to the local service station for handling timely.
- Do not place the seat cushion between the driver or occupant and seatback. Seat cushion may affect correct sitting posture and reduce the effectiveness of the seat belt.

2-8. Seat Belt

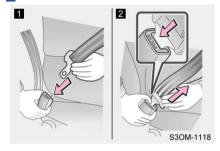
Using Seat Belt Correctly

Before driving, ensure that all occupants wear their seat belt properly.



- Extend the shoulder belt so that it can across the entire shoulder, but does not come into contact with the neck or slide off the shoulder.
- Position the lap belt as low as possible over the hips.
- Adjusting the seatback position. Sit up straightly and well back in the seat.
- Do not twist the seat belt.

Fastening and Releasing Seat Belt



1 Fastening seat belt

Push the tab into the buckle until a click sound is heard.

Releasing seat belt Press release button.

Seat Belt Precautions

When there is any child in vehicle

Do not allow child to play with the seat belt. If a seat belt twists around a child's neck, it may cause chocking, other serious injuries or even death. If this occurs and the buckle cannot be released, scissors should be used to cut the belt.

Pregnant woman

Please follow the doctor's advice and fasten seat belt properly.

Women who are pregnant should position the lap belt as low as possible over the hips in the same manner as other occupants. Extend the shoulder belt completely over the shoulder, and avoid belt contact with the rounding of the abdominal area.

If the belt is not fastened properly, not only the pregnant woman, but also the fetus could suffer serious injury or even death as a result of sudden braking or a collision.

Damage and wear of seat belt

- Ensure that the belt and the tab are locked and the belt is not twisted.
- Do not let the door catch the seat belt, tab or buckle, otherwise the seat belt may be damaged.
- Check the seat belt device regularly. Check components of

seat belt for cuts, fraving and loose parts. Do not use damaged seat belt and replace it. A damaged seat belt cannot protect occupant from serious injury or even death.

- If your vehicle has been involved in a serious accident, even if seat belt is not obviously damaged, you should go to the local service station for inspection and repair.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. Please contact the local service station for necessary repair.

In order to reduce the risk of personal injury caused by emergency braking, emergency steering or accidents. please observe the following precautions. Failure to do so may result in serious injury or even death.

- Be sure to wear the seat belt correctly.
- Do not place the shoulder belt under your arm.
- Ensure that all occupants fasten their seat belts properly.
- Be sure to position the lap belt as low as possible over the hips.
- Do not insert coins or clips, etc. into the buckle to prevent from latching tab.
- Obtain medical advice and fasten seat belt properly.
- Do not recline seat more than necessary to achieve comfortable ride. Seat belts are most effective when occupants are sitting up straight and well back in their seats.



CAUTION

- Do not allow water to penetrate helt retractor and buckle mechanism
- Do not use chemical detergent. boiling water, bleach or dve to wash the seat belt.
- The seat belt should be washed with mild cleanser or warm water and dry naturally. Never clean it by artificial heat.
- Do not try to repair or lubricate retractor or buckle mechanism of seat belt, or repair seat belt in any way, otherwise, Beijing Automobile Works Co..Ltd. will not be responsible for problem anv caused thereby.

2-9. Child Safety Information

Child Safety Information

Be sure to observe the following precautions when there is any child in vehicle. Use a child restraint system appropriate for the child, until the child becomes large enough to properly wear the vehicle seat belt.

Do not allow child to operate the equipment that may clamp body parts (such as power window, front compartment cover, back door, seat, etc.)

↑ WARNING

Do not leave child unattended in the vehicle. Do not allow child to carry or use key. Child may start the vehicle or shift gear position. Children may also hurt themselves when playing with window or other vehicle equipment. In addition, the temperature in the vehicle is too high or too low, which may also cause fatal injury to children.

3. INTERIOR FUNCTION

3-1. Key Information

Keys



- Mechanical key
- 2 Remote control key

Every new vehicle is equipped with two keys, keep one as a spare.

For safety, please keep the number plate of the key in a safe place to prevent others from illegally preparing the key.

Wireless remote control



- 1 Lock button
- 2 Back door opener button
- 3 Unlock button

Using mechanical key



1 Releasing

Press the button to release the key.

2 Folding

Press and hold the button while folding the key into the retainer.

Function limit

- The battery may be depleted even if the remote control key is left idle. The following symptoms indicate that the remote control key battery is low or may be depleted. If necessary, replace with new battery.
- The wireless remote control function does not work.
- The LED indicator on the surface of the key does not come on.
- The operating range of the wireless remote control function may be reduced.
- Prevent damage to keys
- Do not disassemble the key.
- Do not drop the key, avoid strong collision or bending.
- Do not expose the key to high temperature for a long time.

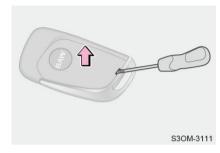
3. INTERIOR FUNCTION

- Do not paste adhesive stickers or other items on the key surface.
- Do not wet keys or wash in equipment such as ultrasonic cleaners.
- Do not attach metal or magnetic substances to keys or place keys near such substances.
- The wireless remote control function may not work properly in the following conditions
- When the wireless remote control key battery may run out.
- When it is near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise.
- When carrying portable radio, cellular phone, or other wireless communication devices.
- When there is more than one wireless remote control key nearby.

- When a metal object is touching or covering wireless remote control key.
- When other wireless remote control keys (that emit radio waves) are being used nearby.
- When wireless remote control key is placed near an electrical device (such as personal computer).
- When there is a window film or metal object with metal content adhering to the window

Replacing key battery

There is a lithium battery in the remote control key, which can generally be used for 2 years. When the remote control distance is gradually shortened (you must get closer to the vehicle for successful remote control), it indicates that the battery is low. The battery in the key cannot be charged. When the battery is depleted, it is recommended to replace the battery at the local service station.



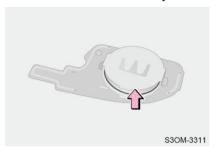
Step 1: Remove the key cover

Use a screwdriver with its tip wrapped with tape or similar tool, insert it into the removal hole of key back cover, and slowly pry the key back cover to separate it.



Step 2: Flip the remote control key in the opposite direction to make its

control module slide out slowly.



Step 3: Remove old battery on control module, install the new battery (+ faces upward).

ENVIRONMENTAL PROTECTION

Used lithium battery cannot be handled as general household rubbish, please handle used battery according to the local regulations and provisions regarding environmental protection.

\wedge

CAUTION

- Make sure that positive and negative terminals of battery are placed correctly.
- Do not bend electrode and terminal when installing battery.
- Make sure your hands are dry and keep away from water when replacing the battery.
- Only use the battery model (3V CR2032 lithium battery) recommended by Beijing Automobile Works Co.,Ltd.
- Do not touch new battery with oily hand. Failure to do so may cause battery corrosion.
- Do not touch or move any components inside the smart key, or its functions may not work properly.
- Do not forcefully remove the battery cover, otherwise the battery cover will be damaged.

⚠ WARNING

- Keep new and removed batteries out of the reach of children.
- Do not swallow batteries. Failure to do so may result in chemical burns.
- If a battery is accidentally swallowed or entered into the body, consult a doctor immediately.

Vehicle Anti-theft System

When the system detects a forcible entry, it will sound an alarm and keep the hazard lights flashing.

After all occupants get off the vehicle, close all doors and back doors and lock all doors by the lock button on the key, at this time the vehicle anti-theft system is activated.

Alarm

Alerts can be triggered when:

Open a locked door or back door.

Deactivating or stopping the alarm

Operate any of the following to

deactivate or stop the alarm:

- Use the wireless remote control to unlock the door.
- Open the door with mechanical key.
 Turn the power switch to ACC or ON.
- Without any operation, the alarm will automatically terminate after about 30 seconds and the anti-theft mode will be re-entered.

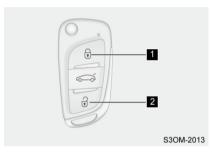
↑ CAUTION

 Do not modify or remove the system. Otherwise, system may not operate properly.

3-2. Doors

Locking and Unlocking Doors from Outside the Vehicle

Wireless remote control



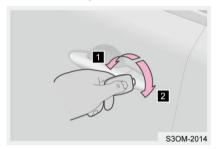
Locking doors

When the power switch is turned to OFF and all doors and back door are closed, press this button to lock all doors. Check that the doors are securely locked.

When any door or back door is not closed, the door cannot be locked by pressing this button.

2 Unlocking doors

Mechanical key



- 1 Locking doors
- 2 Unlocking doors

🚇 READ

- When all doors and back door are closed, there is a horn arming prompt sound when the vehicle is locked.
- After using the door mechanical switch to lock vehicle, please check whether each door is locked.
 If it cannot be locked, please contact the local service station immediately.

Auto locking

The vehicle will be automatically locked when all doors are closed and the vehicle speed exceeds 20 km/h. When a valid collision signal is received, the vehicle is unlocked.

Safety function

If the door or back door is not opened within about 50 seconds after unlocking the doors using the wireless remote control, the safety function automatically locks the vehicle again.

Auto unlocking function

When the vehicle is locked, the doors are automatically unlocked if the power switch is turned off.

Locking and Unlocking Doors from Inside the Vehicle



- Pull the lock button backward to unlock doors
- 2 Pull the lock button forward to lock doors

The following precautions should be followed when driving the vehicle, otherwise the occupants in the vehicle may be thrown out of the vehicle due to the accidental opening of the door, resulting in serious injury or even death.

- Be sure to fasten your seat belt.
- Be sure to lock all doors.
- Make sure that all doors correctly closed.
- When leaving the vehicle and nobody is in the vehicle, remove the key, close all windows, and lock all doors to prevent entry or vehicle theft.

MARNING

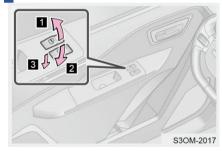
- It is dangerous to leave children alone in an unlocked vehicle when leaving the vehicle. Children may lock themselves in a hot vehicle. which could lead to death
- Before opening the doors, make sure that the surroundings of the vehicle are safe. Opening a door suddenly is dangerous and may cause an accident by hitting a passing vehicle or pedestrian.
- After closing the door, be sure to confirm that it is closed tightly. Leaving the door open is dangerous. If you drive the vehicle with the door open, the door may open unexpectedly, resulting in an accident.

CAUTION

When leaving an unattended vehicle. all doors must be locked and take the keys with you. Unlocked doors can lead to vehicle theft.

3-3. Windows

Power Windows



Operate power window switch after power switch is turned to ON:

- 1 Long press to rise window manually
- 2 Long press to lower window manually
- 3 Short press to lower window

automatically*1

*1 When the window is moving, operate the switch again to stop the window in halfway position.

Remote control window down function

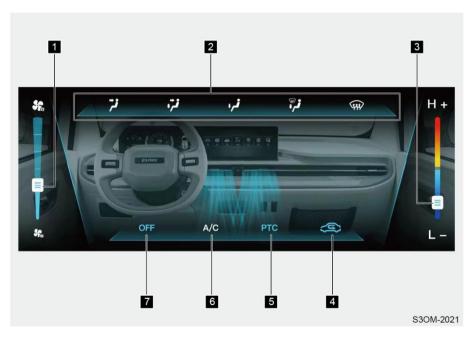
When the power switch is turned off. all doors are closed. In the effective area, long press the unlock button on the remote control key to open all windows. Long press the lock button on the remote key to close all windows.

⚠ WARNING

- Because the vehicle is not equipped with jam protection function, when operating window, check that any part of passenger will not be caught.
- The driver is responsible for the operation of all power windows, including the operation of the occupants. To prevent accidental operation (especially by children), never allow children to operate the power windows. The children and other passengers may get caught in the power windows.
- When leaving the vehicle, turn off the power switch, carry the key and get off with children. Due to naughty children, etc. accidental operation may occur resulting in an accident.
- When power window is opened/closed in place, release the switch, otherwise it may cause damage to power window system.

3-4. Air Conditioning System

Air Conditioning Control Panel



- Airflow volume adjustment touch button
- 2 Outlet mode selection touch button
- Temperature adjustment touch button
- Outside/recirculated air mode touch button
- 5 Vehicle heater switch
- 6 A/C touch button
- A/C OFF touch button

⚠ CAUTION

- When using the air conditioning system, if the power battery is too low, the air conditioning will be automatically turned off, please charge the vehicle in time.
- The air conditioning system can only perform cooling or heating when power switch of the vehicle is turned to ON, otherwise the air blowing out is natural air.
- If the air conditioning system is on when the vehicle is powered off, the air conditioning system will automatically turn on when the vehicle is next started.

↑ WARNING

When the vehicle is not in the READY state, do not use A/C system for a long time to prevent 12 V battery from discharging, which may prevent the vehicle from starting.

Air Conditioning Operation

Airflow volume adjustment

It is divided into level 0 - 6 from the bottom to the top, level 0 can not vent, level 6 is the maximum air volume.

Temperature adjustment

Cooling and heating modes are divided into 3 levels respectively, the temperature is adjusted from the low temperature to the high temperature by dragging the touch button according to different needs.

A/C button

When turning power switch to ON, the battery charge is not less than 20% and the air volume of A/C is in a non-zero, press A/C touch button to turn on A/C cooling function, and press it again to turn off A/C cooling function.

Outside/recirculated air mode

Press outside/recirculated air mode touch button, switch between recirculated air mode and outside air

mode.

Vehicle heater (PTC heating)

Press the vehicle heater switch, that is PTC touch button, to turn on A/C heating mode.

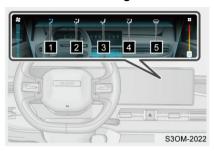
🕮 READ

Use the recirculated air mode when driving on dusty roads such as tunnels or roads with heavy traffic. This effectively prevents outside air from entering the vehicle. During cooling operation, using the recirculated air mode will also effectively reduce the temperature inside the vehicle.

MARNING

- Do not drive in recirculated air mode for long periods of time, as it may make you drowsy.
- Do not use the recirculated air mode in cold or rainy weather, as this will cause the windows to fog up and obstruct your vision, which could lead to a serious accident.

Outlet mode selecting



Turn the power switch to ON. After clicking outlet mode selection touch button, the icon will turn on, and enter corresponding mode of air outlet.

- Air flows to face.
- 2 Air flows to face and feet.
- 3 Air flows to feet.
- 4 Air flows to feet and windshield.
- 5 Air flows to windshield

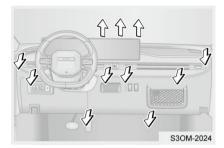


WARNING

- not the windshield use defrosting mode during cooling operation in extremely humid weather. The difference between the temperature of the outside air and that of the front windshield can cause the outer surface of the front windshield to fog up, blocking your vision.
- Do not place anything on the instrument panel which may cover the air outlets. Otherwise, air flow may be obstructed, preventing the front windshield from defrosting.

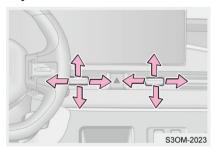
Outlet

Position of air outlets



The air outlets and air volume changes according to the selected airflow mode.

Adjustment of air outlets



Direct airflow to left or right, up or down, or move the adjusting plate

laterally until the air outlet is completely closed or opened.

3-5. Audio System

Audio System

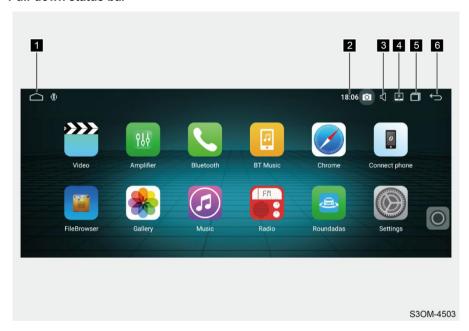
Audio system overview (10.25-inch)



- Enter roundadas
- 2 Enter music playing interface
- 3 Enter video playing interface
- 4 Enter App interface
- 5 Enter radio interface
- 6 Enter Bluetooth interface
- **7** Enter AC adjustment interface

It can display multiple screen information and support multi-touch zoom in/out. It supports sound effect adjustment, radio, local music playing, KUWO music, reversing view monitor, Bluetooth connection, making calls, air conditioning system operation display, roundadas, multifunctional steering wheel control volume adjustment.

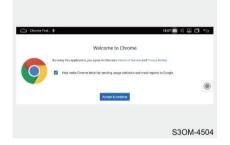
Pull-down status bar



- Click any screen to return to main interface
- 2 Current system time of head unit
- 3 Volume icon
- 4 Turn off screen display
- Click to open the recently running procedure
- 6 Return to the previous menu

Browser

After the head unit is connected to network, open the browser and enter the relevant URL to browse the relevant websites; the third party application can be download through website.



Music equalizer



Equalizer: Play mode of sound quality in different modes: There are six modes including normal/classic/popular/rock/jazz/custom.

Sound field: There are five modes including driving mode/whole vehicle mode/front vehicle mode/rear vehicle mode/user mode, the whole vehicle mode is the default mode.

KUWO music



After the head unit is connected to network, you can search for on-line music to play.

Bluetooth phone



When Bluetooth is not connected, click to enter the Bluetooth setting interface; when Bluetooth is connected, click to enter the dialing interface.



Bluetooth phone contacts, call history and favorite contacts can be checked.

Bluetooth music



After the head unit is connected to mobile phone Bluetooth, music and radio etc. on the mobile phone can be played.

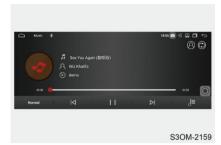
Settings



The relevant settings and menus of the head unit system;

- 1. Apps & notifications: Check the operating status of each App;
- 2. Car settings:
- Personal setting: Low voltage protection is 11.5 V by default, and is used for 360° parking monitoring. It is recommended that the battery voltage is higher than 11.5 V.
- Driving setting: Reversing volume has three options, ON/50%/OFF, and the default is 50%, which means that the audio/video volume is reduced to 50% of normal when reversing.
- Factory setting: (This item is not open for user operation).
- Upgrading and restoring default setting: The head unit system and MCU version can be upgraded manually through USB disk, and the head unit can also be restored to factory setting.

Music playing



The player can play the local music and music of external USB disk. Slide to the left to see the list of all audios, and slide to the right to see the music list that is played currently; the formats of music can be played: mp3, wav, mpa, mp2, m1a, m2a, ogg, m4a, mka,

ac3, wma, ape and flac.

Video plaving



The local video files of the head unit and all video files in Type-C can be played. Slide to the left to see the list of all videos, and slide to the right to see the video list: The formats of video can be played: avi, wmv, asf, mpg, mpeg, mpe, m1v, m2v, mpv2, ts, vob, ogm, ogv, mp4, m4v, m4p, m4b, mkv, rm, ram, rmvb, flv, swf and mov.

Radio



Connect the original radio antenna to receive the local radio stations.

- The radio includes FM and AM. click BAND at the lower right corner for switching;
- Click search icon to search and save radio stations automatically; you can also click to perform fine tune search; and can also drag the progress bar to search radio stations manually, and the relevant radio stations can be saved by long pressing 6 bands below the menu;
- Click to save to personal favorites;

and click to view the favorite list:

Gallery



You can view images in Type-C; You can perform operations, such as deletion, slide show, editing, left/right rotation, cropping, setting photo to as well as viewing detailed information, etc.

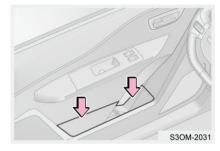
File management



- 1. Flash, local folder directory.
- Type-C1, external USB flash disk, which is usually used to play files in USB flash disk.

3-6. Storage Space

Storage Space
Door storage boxes

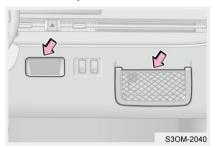


There are door storage boxes on the left and right doors.

It can be used to place debris such as bottles or cloth.

When storing a bottle, please tighten the bottle cap. Bottles may not be stored due to their size or shape.

Instrument panel center storage box and net pocket



Instrument panel center storage box and net pocket can store some small items.

Cup holder



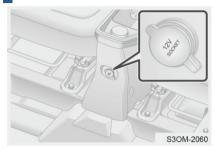
The cup holder is located on lower rear part of auxiliary fascia console.

↑ WARNING

- When using the cup holder to store the bottle, please tighten the bottle cap.
- When the vehicle is moving, it is dangerous to place a cup with boiling hot liquid etc. in the storage box. If liquid spills from the cup, it may cause burns.
- Do not put some sharp objects in the storage box, in case of emergency stop or accident, these items may pop up and cause serious injury or even death.
- Do not store lighters or aerosol cans in the storage space, as they may explode when the cabin temperature rises. If it comes into contact with other stored items, the lighter may catch fire or the spray can may release gas, which could start a fire.

3-7. Power Outlet

Power Outlet



Front power outlet is located on lower front part of auxiliary fascia console. This socket can be used to provide power to 12 V electrical appliances.

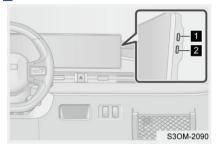
When the power switch is turned to ON, it can be used.

WARNING

- Do not allow children to touch the power outlet.
- Keep power outlet free of dust and foreign objects. Also, make sure to clean the power outlet regularly.
- Never use accessories with a rated voltage over 12 V, as this may damage the vehicle or electrical equipment, or even cause a fire or explosion.
- Do not leave the vehicle while the vehicle is RFADY state and the device is connected to power outlet.

3-8. Type-C Interface

Type-C Interface



The Type-C interface is located on the right side of audio screen. When the power switch is turned to ON, it can be used.

- Only slow charging can be performed.
- It can be used to read the data in the Type-C connector and perform slow charging.

3-9. Sun Visor

Sun Visor



1 Front position

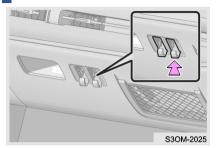
Flip the sun visor down.

2 Side position

Flip the sun visor down, disengage the hook, and pull to the side.

3-10. Hook

Hook



The hook can be used by pressing the lower edge.

It is used to hang some light items.



CAUTION

Do not hang heavy items on the hook to avoid damage to the hook.

3-11. Front Compartment Cover

Opening Front Compartment Cover



Step 1: The front compartment cover will pop up slightly by pulling front compartment cover opening handle on the lower left side of the instrument panel.

Step 2: Reach your hand under the front edge of the front compartment cover, pull up on the unlocking handle and fully open the front compartment cover.

Step 3: Firmly insert the support rod into the support rod seat to keep front

compartment cover opening.

Closing Front Compartment Cover

Step 1: Check the area under front compartment cover to ensure that the covers of all containers are in place and all scattered objects (such as tools, etc.) have been removed.

Step 2: Fix the support rod in the clip.

Step 3: Lower the front compartment cover with a slight force, check that front compartment cover is fully closed and locked.



WARNING

- Before driving, check that front compartment cover is fully closed and locked. If the front compartment cover is not properly locked, it may open while driving and cause an accident, which may result in serious injury.
- After fixing the support rod to the support rod seat, make sure the support rod is firmly supporting the front compartment cover so that it does not fall and injure your head or body.

♠ CAUTION

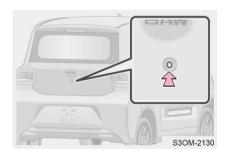
- Before closing the front compartment cover, be sure to check that there are no tools or items left in the front compartment cover.
- When closing the front compartment cover, do not apply excessive force, otherwise the front compartment cover may be damaged.
- Before closing the front compartment cover, be sure to put the support rod back into their clips, otherwise the front compartment cover may bend.

3-12. Back Door

Opening/Closing Back Door



Long press back door opener button on remote control key for 2 seconds and back door will be unlocked.



When the vehicle is unlocked, press back door opener switch on the back door and open back door manually.

To close the back door, press the back door from outside of the vehicle to make sure it is fully closed.

- Make sure the back door is fully closed, if the back door is not fully closed, it may accidentally open while driving and hit a nearby object, causing an accident.
- When opening or closing the back door, check thoroughly to make sure the surrounding area is safe.
- If anyone is nearby, ensure their safety and let them know that the luggage compartment is about to open or close.
- When closing the back door, special care should be taken to avoid pinching fingers etc.
- Care should be taken when opening or closing the back door in windy weather, as the back door may move suddenly in strong winds.

♠ WARNING

- Do not allow children to open or close the back door. Otherwise it may cause the back door to open unexpectedly, or cause the closing back door to catch a child's hand, head, or neck.
- When closing luggage compartment door, special care should be taken to avoid pinching fingers etc.

⚠ WARNING

- Before opening the luggage compartment door, remove heavy loads such as snow and ice from the luggage compartment door. Otherwise it may cause the luggage compartment to close again suddenly after being opened.
- Make sure that the back door is fully closed before driving. If the back door is not fully closed, it may accidentally open while driving and hit a nearby object, or luggage in the luggage compartment can be thrown out accidentally, causing an accident.

4-1. High Voltage Safety

High Voltage Safety

High voltage system components mainly include power battery assembly, on-board three-in-one, high voltage cable, motor controller, drive motor, compressor and heater core (PTC) etc.

- Orange cable in vehicle is high voltage component cable and connector. Do not touch exposed or damaged orange high voltage cable, otherwise resulting in electric shock.
- High voltage warning label is attached to high voltage component, please pay attention to relevant warnings. Do not touch high voltage component, high voltage cable and its connector to avoid electric shock injury.

Meanings of high voltage sign

Sign	Meaning	
4	High voltage, dangerous!	
<u> </u>	Pay attention to safety	

4-2. Usage Precautions for Electric Vehicle

Usage Precautions for Electric Vehicle

The vehicle is a pure electric vehicle, in order to ensure your safety and you can better understand and use pure electric vehicle, please observe the following suggestion during use:

- When cleaning vehicles or in rainy days, close the doors, front compartment cover, back door to avoid water directly wet high voltage system and power battery, so as to avoid short circuit of high voltage system.
- When it is hot in summer, it is not recommended to expose vehicle in high temperature for a long time and it is better to park vehicle in a well-ventilated and cool place.
- When it is used in winter, the charging efficiency of power battery decreases. It is

4. DRIVING VEHICLE

recommended to charge vehicle as soon as possible after driving in winter to avoid the decrease of battery temperature, resulting in charging for a long time and affecting the use.

- With the increase of service life and charging times, personal driving habits, road conditions, environment and other factors, the capacity of power battery may decline to a certain extent, resulting in decrease of driving mileage, which is normal.
- When vehicle drives in low temperature, because discharging capacity of the battery will be reduced, the power performance and driving range of the vehicle will be reduced, and it can be recovered after the temperature rises.
- Because the service life of power battery is related with discharge depth, avoid deep discharging

- from power battery. When the vehicle is prompted to charge or stop using, charging should be performed timely to protect the cycle service life of the power battery.
- Sudden acceleration will sharply increase discharging of the power battery during driving, which is not conducive to the use of power battery. It is recommended to keep slow acceleration as far as possible, which can significantly improve driving mileage and service life.
- It is recommended to use slow charging to charge the vehicle fully for the first time, and use slow charging for 100% charging at least half a month, which is helpful to correct battery residual power/driving mileage and increase service life of the power battery.
- · If vehicle is parked for a long time,

- keep the capacity of power battery between 50% and 70%, and disconnect negative cable from 12 V battery.
- When power battery of vehicle touches the ground, vehicle is collided or soaked in water, serious malfunction alarms (such as power battery over temperature. insulation alarm. etc.) are displayed on instrument cluster and power battery case and connector are deformed or cracked seriously, please contact the local service station for inspection and repair immediately.

4-3. Charging Vehicle

Charging Information When does the vehicle need to be

chargedIt is recommended to charge and

- It is recommended to charge and discharge the battery of new vehicle for maintenance, first discharge to about 20% of soc, and then charge to ensure that the soc displays 100% after the first charging.
- If low-battery warning light comes on during driving, it indicates that power battery is low and needs to be charged as soon as possible.
- Charging must be performed when power meter indicates residual power is low or driving mileage cannot meet the travel needs.

CAUTION

It is recommended to charge the vehicle as much as possible when vehicle is stopped. Shallow charging should be performed to extend the service life of the battery. Do not perform charging after power battery is depleted. It is not conductive to the next travel and the service life of battery.

Charging precautions

During charging or at the end of charging, please pay attention to the following safety precautions to avoid high voltage electric shock or more serious injuries.

 If you have been transplanted a cardiac pacemaker or cardiovascular defibrillator, do not stay in the vehicle for a long time when charging the vehicle, otherwise it may effect the function of the electronic medical device and cause personal injuries.

- Please perform charging in a ventilated environment far away from liquid and fire source. It is recommended that ambient temperature is between 0 and 35°C when charging vehicle, and avoid charging in low or hiah temperature environment (it is recommended to charge at the noon in winter, in the morning and evening in summer).
- Make sure to wipe off water or dirt around the charging port of the vehicle before charging, then open the charging port for charging. Pay special attention to whether there is no residual water on charging socket and it adjacent area.

4. DRIVING VEHICLE

- Make sure that there is no water, other objects, rust or corrosion on charging interface or charging plug. If there is water or rust on charging interface or charging plug, do not charge to avoid short circuit or electric shock, even personal injuries.
- Before charging, check that power outlet is in good condition, internal earth wire grounding is normal, and the contact coppers of live wire, neutral wire and earth wire are free of ablation, looseness or poor contact. Doing so can cause the vehicle charging malfunction.
- Before charging, check if the charging cable surface or shell is damaged. If the above conditions occur, please contact the local service station for repair or replacement. Do not use the damaged charging cable.
- Before charging, confirm that the parking brake is applied and the

- vehicle cannot move.
- Do not touch the metal parts of charging interface and charging socket during charging. If sparks are generated on vehicle or on-board three-in-one, do not touch vehicle and any part, otherwise, it may cause electric shock and personal injuries.
- Make sure charging cable is in natural state and do not hang it in air during charging.
- If there is special smell or smoke in vehicle, cut off power supply safely and immediately and contact the local service station in time.
- In case of heavy rain, lightning, heavy snow, hail and other weather conditions, do not touch charging interface during charging and the end of charging to avoid personal injuries caused by electric shock.
- After charging is completed, hold the insulation part to operate when

- unplugging the charging plug, and do not pull or drag charging cable directly.
- After charging is finished, make sure that charging interface protective cover and charging port cover are closed, and confirm that charging plug has been unplugged from charging port before starting vehicle.

↑ WARNING

- When charging with household power, it is necessary to confirm that the carrying current of selected power supply or cable is 16 A (4 mm²) or more and power supply or cable is ground reliably, otherwise it may cause fire or electric shock, or even fatal injuries.
- If charging with charging cable, only use the charging cable provided with vehicle or specified by the manufacture suitable for the vehicle.
- Never use damaged charging cable. Stop charging when charging cable or power supply is abnormally heating and go to the local service station for inspection.

↑ WARNING

- Never use multiple adapter strips to superimpose extension cables for charging, and never extend, modify charging cable or plug without permission, otherwise, risks may occur.
- Never allow children to charge. It is strictly prohibited to use by children because charging plug is the high voltage electric appliance.
- Never remove or modify charging port without permission.
- Never remove high voltage cable or components connected to high voltage cable without permission, otherwise, it may cause serious vehicle damage and electric shock injuries.

↑ WARNING

- Never pinch charging cable during charging to avoid electric shock or fire.
- It is strictly prohibited to leave charging cable in the vehicle during charging.

4. DRIVING VEHICLE

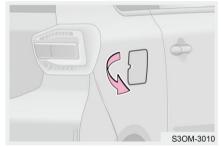
Charging Method

Charging with household AC power

■ Start charging

Step 1: Park vehicle in AC charging area, turn off power switch, remove key and apply the parking brake.

Step 2: Remove charging cable and check if cable is in good condition.



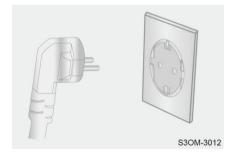
Step 3: Pull the protruding area on edge of charging port cover to open the charging port cover.



Step 4: Open charging socket protective cover.

Step 5: Press release button and remove charging gun protective cover.

Step 6: Connect charging gun to vehicle socket, and charging gun locks until a click sound is heard.



Step 7: Connect power supply plug to

power supply socket.

■ Stop charging

Step 1: Unplug power supply plug from power supply socket and keep charging cable properly.

Step 2: Press release button and unplug charging gun.

Step 3: Close charging socket protective cover, then close charging port cover.

READ

Full charging time may deviate under different ambient temperature and residual power, which is normal. When ambient temperature is low, charging efficiency decreases and charging time is longer.

⚠ WARNING

- When charging with household power, it is necessary to confirm that the carrying current of selected power supply or cable is 16 A (4 mm²) or more and power supply or cable is ground reliably, otherwise it may cause fire or electric shock, or even fatal injuries.
- It is necessary to use household 16 A power outlet that meets the standard requirement. Never use other outlet.
- Do not touch the metal parts of plug and other connectors during charging to avoid electric shock and damage.
- Do not touch charging cable and plug with wet hands during charging, and do not charge vehicle in wet place, otherwise it may cause electric shock.

4. DRIVING VEHICLE

■ Description of indicators on control box

Operating Condition	Indicator Condition			
Operating Condition	Connecting Indicator (Blue)	Charging Indicator (Green)	Malfunction Indicator (Red)	
Initial state	(Blue - green - blue - red) lights - go off, flash in order for 1 second			
Wait for connection	Remain on	Off	Off	
Normal plug-in charging gun	Flash	Off	Off	
Normal charging	Off	Flash (breathing)	Off	
Charging completed	Off	Remain on	Off	
Malfunction table				
Ungrounded malfunction	Off	Off	Remain on	
Powered on self-check failure	Red light comes on once and stops for 3 seconds, and cycles			
Abnormal CP communication signal	Red light comes on 2 times and stops for 3 seconds, and cycles			
Overvoltage/undervoltage protection	Red light comes on 3 times and stops for 3 seconds, and cycles			
Overcurrent malfunction	Red light comes on 4 times and stops for 3 seconds, and cycles			
Leakage protection	Red light comes on 5 times and stops for 3 seconds, and cycles			
Temperature control board over temperature	Red light comes on 6 times and stops for 3 seconds, and cycles			

Charging with AC charging pile

Step 1: After vehicle stops steadily and safely and the parking brake is applied, turn off the vehicle power.



Step 2: Pull the protruding area on edge of charging port cover to open the charging port cover.



Step 3: Open charging socket

protective cover.

Step 4: Remove charging gun from charging pile and insert it to AC charging port. Please confirm that the charging gun is completely inserted.

Step 5: Charging will be started after payment according to operation instructions on charging pile, and confirm that the vehicle is charged normally.

Step 6: After charging is finished, pull out charging gun correctly and cover charging stand protective cover and charging port cover.

Step 7: Insert charging gun into charging pile correctly.

4-4. Power Battery

Power Battery

Power battery which is located under vehicle chassis provides driving power for vehicle.

In winter, discharging performance of power battery will decrease with the decrease of the temperature, and the performance can be recovered with the increase of the temperature. It is recommended to avoid rapid acceleration and high speed driving for a long time when driving at low temperature in winter, reasonably arrange the usage of air conditioning heating and charge the vehicle in time.

If it is necessary to replace power battery, be sure to hand over used battery to recycling service stations designated by the local service station for recycling. Discarding power battery carelessly will pollute the environment and even cause personal injuries. Relevant regulations also require that

4. DRIVING VEHICLE

this kind of waste should be disposed.

- If power battery is not handled properly, it may lead to serious accidents, resulting in power battery damage or personal injuries. In order to avoid accidents, pay attention to the following precautions:
- Do not expose the vehicle to the environment over 45 °C for more than 24 hours, and park vehicle in cool environment in time.
- Vehicle can be used only when the vehicle is charged and heated for maintenance in a low temperature (lower than -20°C).

Power battery recovery

When power battery needs to be repaired or replaced, the vehicle should be transported to after-sales organization with corresponding capacity. When the vehicle meets disposal requirement, it should be transported to the disposed vehicle recycling and disassembly company,

and hand over the used power battery to recycling service stations. If the used power battery is handed over to other units or individuals, the vehicle owner should be responsible for environmental pollution or safety accidents caused by removal or disassembly of the power battery without permission.

READ

The power battery should be used and maintained properly, daily slow charging and slow discharging are very important for performance maintenance. At the same time. battery capacity declines naturally due to chemical characteristics. If the driving range of vehicle decreases, it is recommended to contact the local service station for inspection. If malfunction does not exist, decrease of the driving range is caused by the normal declination of battery capacity.

Never remove or disassemble power battery without permission. When the relevant professionals deal accident, do not cut or impact power battery box to avoid power battery leakage or deformation, which may cause personal injuries.

♠ CAUTION

- Never use power battery pack in vehicle for other purposes.
- In order to extend the service life of power battery and ensure driving safety, try to avoid driving when battery power is less than 10%.
- After purchasing the vehicle, before the vehicle power is less than 30%, please use the power battery until the vehicle is fully charged to 100%, so as to maintain power battery.

4-5. Inspection Before Driving

In order to ensure the safety of yourself, all passengers and other users on roads, be sure to check following items before driving each time:

Inspection Before Entering Vehicle

- Check and remove snow, leaves, etc. on the body.
- Check if tire is worn excessively, tire inflation pressure is normal and foreign matter is embedded in tread pattern.
- Check if front compartment cover and charging port cover are closed and locked.
- Check if all windows and rear view mirror are clean.
- Check if there is any obstacle around the vehicle.

Inspection After Entering Vehicle

- · Check if all doors are fully closed.
- Check and clean unfixed objects on the instrument panel.
- Adjust seat position and make sure the seat is locked.
- Check that all passengers fasten seat belts. If the passengers

- include children, please make sure that children restraint system is used properly.
- Check if the view from each angle is clear and good (front view, side door view, rear view mirror view).

Inspection After Starting Vehicle

- Check if illumination light, turn signal light, brake light and other functions are normal.
- Check if residual power of power battery and driving mileage, ensure that vehicle can reach the destination successfully.
- Check if each pedal can be depressed smoothly. If you need lay floor mat, please choose proper floor mat. The improper shape of floor mat, improper laying position or double-layer laying will effect the pedal operation, causing the vehicle unable to start, difficult shifting, shifting failure or other

4. DRIVING VEHICLE

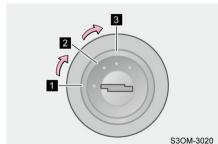
accidents.

 Check if malfunction indicator on instrument cluster remains on. If malfunction indicator remains on after the vehicle is started and safety driving of vehicle cannot be assured, please call the local service station for consultation.

4-6. Vehicle Power Mode

Power Switch

Insert the key into power switch and turn it to switch the power switch position.



1 LOCK

Steering wheel is locked and the key can be removed.

In order to lock steering wheel, remove the key and turn steering wheel until it locks.

If the key cannot be turned when unlocking steering wheel, turn the key while lightly turning steering wheel to left and right.

2 ACC

Some electrical components are available.

3 ON

Switch power switch to this position without depressing brake pedal. At this time, low voltage appliances of the vehicle can operate normally.

Depress brake pedal and switch power switch to ON, or depress brake pedal when it is in ON, then vehicle enters READY condition, high voltage operation circuit is turned on, and drive motor is ready.



CAUTION

- Do not keep the key in ACC or ON for a long time, otherwise it may cause 12 V battery to be depleted.
- Do not remove the key or turn the key during driving. Otherwise steering wheel may be locked, driver may lose the control of vehicle and brake boost will disappear, resulting in vehicle damage and injuries.

4-7. Starting and Operating

Normal Starting and Turning Off

Starting Vehicle

Step 1: Check that the parking brake is applied. Step 2: Check that shift lever is shifted to N.

Step 3: Insert the key, switch power switch to ON, depress brake pedal until READY indicator on instrument cluster comes on.

Turning off EV system

Step 1: Vehicle is completely stopped.

Step 2: The shift lever is shifted to N.

Step 3: Apply parking brake.

Step 4: Turn off power switch to turn off EV system.

If READY condition cannot be entered

If READY indicator on instrument cluster does not come on, it indicates that vehicle does not enter READY condition. Check if power switch is in

ON and brake pedal is depressed.

When power switch is in ACC or ON, if instrument cluster indicates nothing, 12 V battery power may be insufficient, and 12 V battery needs to be charged. It is recommended to contact the local service station.

Parking

Turn power switch to LOCK position and remove the key before leaving the vehicle. Turn steering wheel until steering wheel is locked.

Apply the parking brake completely when parking on a slope, and check that doors and windows are completely closed before leaving the vehicle.

M WARNING

- Never leave children or person with disability in the vehicle.
- When parking vehicle, do not park it on flooded road or hollow road which is easily flooded, especially in rainy seasons, to prevent damage to some components (such as power battery) due to being soaked in water.
- When the vehicle is flooded, soaked or submerged with water, do not start the vehicle to avoid electric shock casualties caused by high voltage components (such as motor and power battery) leakage, please contact the local service station for handling.

4. DRIVING VEHICLE

4-8. Shift Control

Shift Control



Depress brake pedal, and lightly turn shift knob to switch to required gear position. Current gear position is displayed on instrument cluster. The corresponding gear position indicator on knob also comes on.

When vehicle is in READY condition and is stationary, depress brake pedal to switch shift knob to D or R.

When vehicle is in READY condition and power switch is switched from ON to ACC, if gear position is in N, it will remain in N; If gear position is in R or D. it will switch to N.

Gear Position	Function
R	It means reverse position. Switch to R when reversing, and ensure that vehicle is stopped completely and brake pedal is depressed.
N	It means neutral position. Vehicle moves neither forward nor backward. Switch to N when vehicle is parked. The default gear position is in N when power switch is turned on.
D	It means forward driving position. When switching to D, first depress brake pedal.

♠ WARNING

Do not allow children to operate shift knob to avoid vehicle from moving unexpectedly.

4-9. Driving Mode

Driving Mode



Press the driving mode button S (ECO mode by default) on the shift switch to switch between ECO mode and SPORT mode. When S indicator comes on, it is in SPORT mode; When S indicator goes off, it is in ECO mode. The motor speed will be reduced in ECO mode, improving the vehicle power economy. At this time, the maximum speed limit is 70 km/h.

The motor will keep a higher speed in SPORT mode, bringing faster power response speed to the driver, but the power consumption is large in SPORT mode. At this time, the maximum speed limit is 90 km/h.

4-10. Pedestrian Reminder System

Pedestrian Reminder System

Because the noise of pure electric vehicles is relatively low when driving at low speed, it is difficult for pedestrians nearby to perceive it. In order to improve driving safety, pedestrian reminder system can send alarm sound with different frequencies when vehicle moves forward or reverses and vehicle speed is less than 20 km/h to remind pedestrians nearby to perceive it.

4-11. Braking Energy Recovery

Braking Energy Recovery

When vehicle is driving and reaches specified speed, release accelerator pedal or depress brake pedal. When the system judges that the energy recovery conditions are met, the vehicle performs energy recovery. Convert the mechanical energy during driving into power and store it in the power battery to increase the driving mileage.

When any of the following conditions occurs, energy recovery cannot be performed:

- When the power battery is more than 95%.
- When ABS is enabled to operate or ABS communication is overtime.
- When the vehicle speed is less than 15 km/h.

4-12. Steering System

Electric Power Steering System (EPS)

Electric power steering system provides steering power for vehicle. The system does not need power steering fluid, which is very convenient to the daily vehicle maintenance.

EPS malfunction indicator comes on for a short time when power switch is turned on. If EPS malfunction indicator does not go off or comes on during driving, it indicates that EPS system is malfunctioning.

When the electric power steering system works under high load for a long time (for example, keep the steering wheel at the limit position for a long time or move the vehicle to the warehouse repeatedly at low speed with large angle), it may trigger the heat protection function due to the excessive temperature of the electrical appliances.

After entering heat protection condition, the system will decrease steering power, at this time, you need more force to turn steering wheel. If it is necessary to restore normal steering power, turn steering wheel with small angle or increase vehicle speed, and restart vehicle if necessary.

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WARNING

When EPS malfunction indicator comes on, it indicates that electronic steering column operates abnormally. Failure to keep the steering column in good operating condition may lead to collision, personal injuries and damage to your vehicle or other property.



CAUTION

Electric power steering system will adjust steering power according to vehicle speed. Therefore, the steering wheel is light at low speed and relatively heavy at high speed.

4-13. Brake System

Parking Brake System Usage methods





Apply parking brake

Depress brake pedal. Confirm that the vehicle is stationary while parking brake lever is completely pulled up.

2 Release parking brake

Depress brake pedal. Press lock button while lifting slightly then lower parking brake lever.

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WARNING

If parking brake is not engaged correctly, the vehicle may move freely due to loss of control in some situations (such as parking on a slope), resulting in danger. Please contact the local service station for adjustment as necessary.

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CAUTION

Release parking brake completely before driving. When parking brake is not released, driving vehicle will cause the brake components to overheat, which will affect the brake performance and aggravate brake wear.

Foot Brake

Brake system is designed for brake performance in a wide range of driving conditions. Braking processing reduces speed through brake friction and the friction between tire and ground. The slight friction sound and the friction sound between tire and ground during braking are normal and it is not necessary to need special treatment; Occasional squeal is also normal when braking. Because other substances may adhere to the friction surface during the use of the vehicle, the friction surface may be rust when the vehicle is not used for a long time or after raining, which may cause squeals. As long as the frequency of squeal is not high, it does not need special treatment.

If the brake temporarily loses braking due to overheating, park the vehicle in a safe area and wait for the brake to cool down.

If the brake temporarily loses braking

4. DRIVING VEHICLE

due to wet components, restore its normal performance according to the following steps:

Step 1: Check if there are vehicles behind.

Step 2: Keep safe driving speed, ensure there is enough space behind and on both sides.

Step 3: Depress the brake carefully until the normal performance is restored.

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WARNING

- Check if brake light is normal before driving. Drive at low speed after starting and check braking efficiency, especially after washing the vehicle.
- Wet brake may cause accidents.
 When the brake is wet, it cannot
 play a good role in braking and
 may cause vehicle sideways and
 out of control. Therefore, after
 driving through water or washing
 vehicle, drive the vehicle at low
 speed and slightly depress brake
 pedal intermittently to dry the brake
 off.

CAUTION

- In order to avoid pedal travel, do not lay thick carpet in brake pedal area.
- When driving in high altitude area, continuous braking may increase the brake pedal force.



CAUTION

- If brake pedal does not return to its original position or brake pedal stroke increases, it indicates that brake system may be malfunctioning, please contact the local service station for inspection.
- If a certain oil line is malfunctioning, brake pedal should be depressed more firmly and barking distance increases, it is strongly recommended to contact the local service station immediately to check and repair brake system.
- In order to break-in brake lining and brake disc and ensure performance and service life, it is best to avoid sudden braking or long-term braking within 200 km after purchasing a vehicle and installing a new lining.

4-14. Anti-lock Brake System (ABS)

Anti-lock Brake System (ABS)

Anti-lock brake system helps to avoid vehicle slippery and loss of control, and provides maximum braking on slippery roads.

ABS malfunction indicator comes on for a short time when power switch is turned on. If ABS malfunction indicator does not go off or comes on during driving, it indicates ABS is malfunctioning. Please contact the local service station immediately.

ABS system will monitor the speed of each wheel in event of braking. If one wheel tends to lock up, the system will control the brakes of two front wheels and rear wheels respectively. When ABS operates, brake pedal usually vibrates slightly with noise.

CAUTION

- If anti-lock brake system is malfunctioning, it may not operate and wheel may lock up during sudden braking, the vehicle may not be able to turn or turn suddenly.
- ABS neither changes the time required for brake engagement nor shortens the braking distance. Even if it is equipped with ABS, sufficient braking distance must be reserved.

↑ WARNING

- Always drive carefully and make sure to decelerate during turning.
- When ABS is malfunctioning, please go to the local service station for inspection and repair as soon as possible.
- Although ABS can ensure the best braking effect, braking distance will vary largely due to road conditions.
- When driving in rainy day, properly control the vehicle speed, if wheel spins or slips, ABS will cannot control the vehicle.
- Also, anti-lock brake system cannot eliminate risks arising from close-following driving, wading, turning quickly or driving on poor road surfaces and cannot avoid accidents caused by inattentive or inappropriate driving.

4. DRIVING VEHICLE

⚠ WARNING

- Although ABS can help to control vehicle, make sure to drive carefully, maintain a moderate speed and keep safe distance from preceding vehicles. There are certain limitations in vehicle stability and steering wheel operation effect even ABS operates.
- ABS cannot ensure that brake distance can be shortened in any situations. When driving on sand or snow covered roads with tire chains installed, the vehicles with ABS may require a longer braking distance compared to vehicles without ABS.

Electric Brake Force Distribution (EBD) system

EBD uses a high-speed computer to sense and calculate the different ground surface attached to the four tires at the moment of vehicle braking, and obtain different brake friction values, which allows the four tires can brake in different ways and forces according to different situations, and continuously adjust at high speed in movement, so as to ensure the stability and safety of the vehicle.

4-15. Operation Safety

Operation Safety

- Non-professional maintenance personnel are strictly prohibited to touch, remove/install or replace any component in the high-voltage system at will to avoid electric shock.
- High voltage cables in vehicle are covered by yellow bellows.
 Non-professional personnel to insert/unplug high voltage cable connectors.
- Non-professional personnel other than Beijing Automobile Works

- Co.,Ltd. are strictly prohibited to disengage the power battery.
- Never use organic solvent to clean the power battery housing, which may damage the surface insulation coating and form insulation trouble.
- Never put metal appliances together with battery assembly, and do not park the vehicle in an area with sparks splashing or in a flood area.

4-16. Fault Protection

Automatic Power-Off Protection After High Voltage Malfunction

The vehicle is equipped with high voltage malfunction automatic power-off protection function. When high-voltage components of the vehicle are malfunctioning, the vehicle will automatically cut off the high voltage power supply in order to protect the persons in the vehicle.

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CAUTION

- When power-off malfunction occurs, please contact the local service station for inspection and repair immediately.
- When power-off malfunction occurs during driving, the vehicle will be in coasting condition. At this time, turn on hazard warning light, and drive the vehicle to emergency lane or safe place, then contact the local service station for inspection and repair immediately.
- During or after charging, the vehicle cannot be started without pulling out the charging gun. At this time, pull out the charging gun to restart the vehicle.

Automatic Power-Off Protection After Collision

When vehicle is involved in a collision and the relative speed reaches the set threshold, the vehicle will automatically cut off the high voltage, and vehicle system malfunction warning indicator, left and right turn signal indicators on instrument cluster will come on at the same time.

5-1. Hill Hold Control System

Hill Hold Control System

After the vehicle is stationary on a hill, when starting, it is affected by the hill angle and gravity, when the moving backward force is greater than the driving force, the vehicle will stop moving for 5 seconds (motor in D gear has a negative speed and motor in R gear has a positive speed). At this time, the vehicle controller adjusts the output torque to stop moving for 5 seconds and then the vehicle moves backward.

- After activating hill hold control system, if perform any of the following operations, it will exit hill hold control system automatically:
- Shift the gear position to N or switch between D or R gear.
- The vehicle speed is higher than the creep speed on the flat ground

- When the vehicle moves backward after exiting hill hold control system, perform any of the following operations, hill hold control function system will be activated again:
- When the vehicle is stopped by depressing brake pedal, accelerator pedal or applying parking brake, if parking brake, accelerator pedal or brake pedal is released, the hill hold control system will be activated again after the vehicle moves backward slightly.

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WARNING

 When the charge of power battery or ambient temperature is too low, the power of the hill hold control system decreases or there is no power output. Please pay attention to driving.

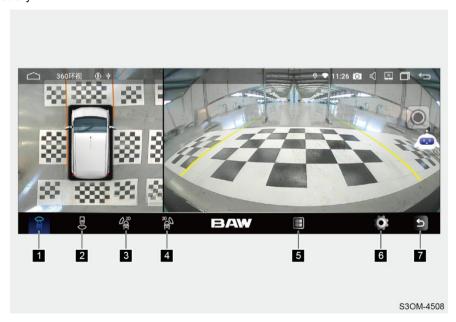


- If the instrument indicates that the motor temperature is too high when continuously and frequently using hill hold control system, please pay attention to cooling vehicle.
- The steeper the slope, the longer the hill hold control system.
 Overloading may lengthen the slope. Please do not drive with overloading.
- Do not rely entirely on hill hold control system, hill hold control system cannot replace braking and parking brake. Please drive with caution. Our company is not responsible for the consequences caused by relying on this system.

5-2. Parking Assist System

360 Around View System (If Equipped)

360 around view system collects surrounding images of the vehicle through cameras to assist the driver to park safely and easily.



- Birds-eye view + front view (dynamic view is set by default)
- Birds-eye view + rear view (dynamic view is set by default)
- 3 Birds-eye view + left view
- 4 Birds-eye view + right view
- 5 Four split screen
- 6 Setting
- 7 Exit 360 around view

5. DRIVING ASSISTANCE

Usage methods

Turn the power switch to ON to enter 360 around view system interface, and display the 360 around view.

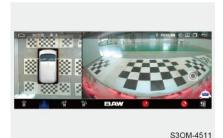
Non-splicing mode

Four view mode



S3OM-4509

Back-up rear view



360 around view system setting

Panoramic view setting:

- Starting up rotation: To ensure safety, 360 will rotate by one circle and check the view around vehicle whenever it is powered on.
- Vehicle bottom picture: Diagonal stripe/cloud gray/miracle black/gradient black, gradient black is set by default.
- Turning follow-up: OFF/permanently ON.
- Radar display method: 2D.
- Enabled by radar: ON/OFF, OFF is set by default.
- Driving track: Four different track styles, the style is 2 by default.
- Front view of driving track: ON/OFF, OFF is set by default.
- Rear view of driving track: ON/OFF, ON is set by default.
- Ruler line: ON/OFF, OFF is set by default.
- Enabled by double flashing: 360 is

- enabled when turning on double flashing, OFF is set by default.
- Left and right view: Left and right 2D view, calibrated/original view, the calibrated view is set by default
- Standby time: 360 interface standby time, 5 seconds/15 seconds/30 seconds/1 minute, 15 seconds is set by default.

Working disk

The system is Type-C1 by default, the corresponding 360 video recording, upgrading, and import and export of splicing data will operate according to the working disk selected by the customer.

System setting

- Version information: View the version information of current 360 panoramic.
- Reset factory setting: Select this option, all 360 setting will all restore to factory setting, video

recorded in U disk will be stored.

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CAUTION

Do not scratch the lens when cleaning dirt or snow on the camera surface.

↑ WARNING

- Make sure that back door is firmly closed when parking.
- Never distract your attention from surrounding traffic due to images on display.
- Due to the limited monitoring range, 360 around view system cannot view the bottom and corners of bumper.
- Always pay extra attention to surrounding children, small animals and objects when reversing, because they cannot always be detected by camera.

↑ WARNING

- Because cameras use wide-angle lens, object distance displayed on 360 around view system is different from the actual distance.
- Never hit the lens. Failure to do so may lead to malfunction or damage, causing a fire or electric shock.
- When washing the vehicle body with high-pressure water, do not spray water around the camera, otherwise, water will enter camera and condense on the lens, causing malfunction, fire, or electric shock.
- 360 around view system is convenient, but it is not a substitute for correct reverse operation.
 When parking, be sure to look around to check if the surrounding is safe and park the vehicle slowly.

↑ WARNING

 Camera lens may enlarge and distort the view, so image on display is different from real object or it cannot reflect the real object accurately, and there is also blind spot and a little delay.

Parking Radar System (l' Equipped)

The parking radar system speaker will sound at different frequencies according to the distance change of obstacles entering the detection area, and the corresponding display will be displayed on the meter. When using this system, be sure to pay attention to the surrounding area.

Turning on parking radar system

Front parking radar: When turning power switch to ON, shifting the gear position to D and the vehicle speed is less than 15 km/h, the front parking radar is turned on. When vehicle

5. DRIVING ASSISTANCE

speed is higher than 15 km/h, the system does not work. When the gear position is in N, the system does not work.

Rear parking radar: When turning power switch to ON and shifting the gear position to R, the rear parking radar is turned on.

Parking radar system works only when the vehicle starts, and the system does not work after the vehicle returns to low speed from high speed.

Turning off parking radar system

When any of the following conditions is met, the parking radar system is turned off.

- When turning off power switch.
- When shifting to the gear position other than D and R.
- When vehicle speed is higher than the certain value.

Sensor detection range

- Distance from obstacle is no more than 30 cm: If obstacles are detected within this range, the speaker will sound for a long time to alert the driver
- Distance from obstacle is more than 30 cm and no more than 50 cm: If obstacles are detected within this range, the speaker will intermittently sound at a frequency of 8 Hz to alert the driver.
- Distance from obstacle is within 50 cm to 80 cm: If obstacles are detected within this range, the speaker will intermittently sound at a frequency of 4 Hz to alert the driver.
- Distance from obstacle is within 80 cm to 120 cm: If obstacles are detected within this range, the speaker will intermittently sound at a frequency of 2 Hz to alert the driver.
- · Distance from obstacle is within

120 cm to 150 cm: If obstacles are detected within this range, the speaker will intermittently sound at a frequency of 1 Hz to alert the driver.

Function limit

- Parking radar system may not work normally in the following conditions:
- · When vehicle is on a steep slope.
- When driving in jelly-like snow or rain.
- Low objects such as rocks, etc. cannot be detected.
- Objects higher than bumper cannot be detected.
- Thin objects such as wires, fences and ropes, etc. cannot be detected.
- When vehicle is equipped with a high frequency radio or antenna is in use.
- When the surface of the radar sensor is frozen.

- Radar sensors may not operate properly in hot or cold weather.
- When radar sensors are covered by dirt, snow or mud, they may not detect obstacles.
- Objects that easily absorb ultrasonic waves (such as soft snow, cotton, sponge) cannot be detected.
- When there is noisy near the vehicle, such as vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves.

Cleaning radar sensor

When washing vehicle, use a soft cloth or water (low water pressure) to wash off foreign matter such as snow, mud, and dust on the surface of radar sensor.



High pressure water flow such as water guns or large external forces may damage the radar sensors. Do not pinch or impact the radar sensors, otherwise the sensors will not work normally.

⚠ WARNING

Do not rely entirely on parking radar system, please visually confirm the safety around the vehicle while driving. The parking radar system only plays a certain assist role in parking. The radar detection range is limited, so only relying on the parking radar system during driving may cause accidents. Be sure to visually confirm the safety around the vehicle when driving.

Tire Pressure Monitoring System (TPMS)

General description

Tire pressure monitoring system can monitor the tire condition through the sensor that is installed in the tire in real-time. If the problems such as undervoltage, overvoltage, rapid air leakage and system failure etc. occur, please inform user to handle it in time.

Tire Pressure Monitoring System

5. DRIVING ASSISTANCE

(TPMS) is an assist system, which can monitor tire pressure parameters in real-time, display and alarm via visual signal (which may include audible signal) to improve vehicle driving safety, and reduce the tire acceleration wear and vehicle energy consumption increase caused by low or high tire pressure.

⚠

CAUTION

- Tire pressure monitoring system is not tire pressure gauge. It mainly monitors tire temperature and pressure, and it will alarm when the value is lower or higher than the set value.
- Tire pressure monitoring system is not a substitute for normal tire maintenance. Always maintain the correct tire pressure on the vehicle.

CAUTION

- If the radio transmission device (such as wireless headphone and interphone) is being used in the vehicle or near the vehicle, the operation of tire pressure monitoring system may be interfered.
- After replacing or rotating vehicle tire, please go to the local service station to rematch tire pressure sensor.
- The following is the role of Tire Pressure Monitoring System (TPMS)
- Remind the driver that the tire is malfunctioning to avoid serious accidents.
- Reduce wheel wear and extend the tire service life. Some data shows that when driving with insufficient tire pressure, the tire pressure drops by 10% compared with the normal value and the tire

- service life reduces by 15%.
- 3. When driving with excessive tire pressure, the damping effect of the tire itself will be reduced, resulting in increasing the burden of the vehicle damping system. Long-term use will cause great damage to the chassis and suspension system; If the tire pressure is uneven, it will also cause the brake to deviate, thus increasing the wear of the suspension system.

6-1. Spare Tools

Spare Tools

Charging gun and towing hook are located in the luggage compartment.

6-2. If 12 V Battery is Depleted

If 12 V Battery is Depleted Jump-starting

If there are a set of jumper cables and another vehicle with a 12 V battery, please follow the following steps to jump start the vehicle.

Step 1: Open the front compartment cover.

Step 2: Connect jumper cables according to the following steps:

- Connect the positive clamp on jumper cable to positive terminal (+) of the vehicle battery.
- 2 Connect the clamp on another end of positive cable to positive terminal (+) of another vehicle

batterv.

- Connect the negative cable clamp to negative terminal (-) of another vehicle battery.
- Connect the clamp on another end of negative cable to the solid, fixed, unpainted metal part.

Step 3: Start another vehicle to charge battery of the vehicle.

Step 4: Switch power switch of this vehicle to ON, and then start the vehicle.

Step 5: After the vehicle starts successfully, remove jumper cable in the reverse order of connection.

Note: After the vehicle starts, please go to the local service station for inspection and repair as soon as possible.

CAUTION

- If the battery is lack of power frequently, please go to the local service station for inspection and repair as soon as possible.
- The negative terminal of battery on rescue vehicle should not be directly connected to negative terminal of battery on discharged vehicle.
- When connecting and removing jumper cables, ensure that they do not become entangled in fan.
- Ensure that the jumper cables are properly connected and keep a certain distance between terminals, preventing the jumper cables from touching each other or touching other metal parts of the vehicle.

6. HANDLING VEHICLE IN EMERGENCY

MARNING

- Keep children away from the battery.
- Do not smoke, use matches, cigarette lighters or allow open flame near the battery.
- The positive and negative clamps of the jumper cable are not allowed to touch each other
- Ensure that the jumper cables are connected to the correct terminal. and do not accidentally touch any terminal other than the correct terminal.
- Be sure to remove the negative terminal (-) first. If the positive terminal (+) is removed and any metal in the surrounding area is touched. sparks mav be generated, which may cause a fire and may also cause electric shock, causing serious injury or death.

WARNING

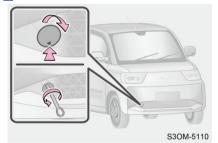
- When working on the battery. always wear safety glasses and be careful not to allow any battery acid to contact with the skin. clothing or the vehicle body.
- If the battery acid contacts with skin or eyes, please wash the affected area with water consult a doctor immediately. Before consulting a doctor, cover the affected area with a wet sponge or cloth.

6-3. Towing

If the vehicle needs to be towed. Beijing Automobile Works Co., Ltd. recommends to use lift-type truck or flatbed truck, and it is towed by the local service station or professional rescue company.

Always tow with safety chain devices and follow all national/provincial regulations.

Installing Towing Hook



Step 1: Press the lower part of towing hook trim cover to open front towing hook trim cover.

Step 2: Install towing hook into towing

hook hole in a counterclockwise direction. Then tighten it firmly with tools.

\triangle

CAUTION

- Only use specified towing hook.
 Otherwise, vehicle may be damaged.
- Drive the vehicle slowly and smoothly when towing. Impact due to excessive tension may damage the vehicle.
- Towing rope or towing bar can be installed only when towing hook is installed in place.



WARNING

Make sure that towing hook is installed securely. Otherwise, the towing hook may come loose when towing, which may cause an accident, resulting in death or serious injury.

Towing Vehicle

Tow with wheel lift-type truck from front

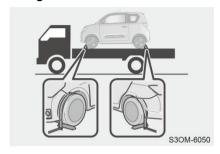


Place towing dolly under rear wheels. **Never towing with sling-type truck**

Do not tow with sling-type truck to avoid damage to vehicle body.



Using a flatbed truck



- Apply parking brake, and turn power switch to OFF.
- Put blocks under 4 wheels to avoid vehicle from moving.
- Attach the tire to the bottom plate of trailer to fix the vehicle as shown in the illustration.

6. HANDLING VEHICLE IN EMERGENCY

⚠

CAUTION

- When using a lift-type truck to lift the vehicle, make sure that there is sufficient ground clearance between ground end of vehicle and ground for towing. Otherwise, the vehicle may be damaged during towing.
- When using a flatbed truck, do not drive over the block, otherwise the tires may be damaged.
 Do not attach vehicle to any parts other than tires (such as suspension).

If flatbed truck is not available during towing, your vehicle may be temporarily towed using a towing hook. This should only be attempted on hard surfaced road for short distances at low speed.

Following conditions must be met when towing vehicle using a towing hook:

Turn power switch to ON.

- · Gear position is changed to N.
- · Release parking brake.

During towing the vehicle, the vehicle speed should not exceed 30 km/h and the driving mileage should not exceed 50 km. Otherwise, the electric drive or high voltage parts may be damaged.

If the following conditions occur, the vehicle must be towed by flatbed truck:

- The vehicle cannot be driven, power switch is in ON, warning light and indicator do not come on.
- The braking effect is increasing or the brake pedal has a pulsating feeling.
- It is confirmed that there has a mechanical failure in drive train.

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CAUTION

- Do not perform emergency towing for long periods of time.
- Secure a towing cable, chain or lever to the vehicle towing hook.
- Both drivers must be familiar with the towing process, otherwise they cannot carry out towing work.
- Tow vehicle as straightly ahead as possible, do not tow vehicle from side to avoid damaging vehicle.
- If the vehicle is not started, assist system will not work, therefore, braking and steering will be more difficult than usual. Operate carefully.
- If towed vehicle still cannot move, do not forcibly continue towing to avoid secondary damage to vehicle, Beijing Automobile Works Co.,Ltd. strongly recommends that you seek help from professional serviceman or local service station.

⚠ WARNING

- To avoid personal injury, people other than driver should stay away from the vehicle when it is towed.
- Avoid sudden starting or unstable driving operation when towing vehicle. Doing so would apply excessive force on the towing hook, cable, chain or lever. The towing eyelet, cable, chain or lever may break, causing vehicle damage or serious personal injury.

6-4. Accident Handling

Due to the particularity of pure electric vehicle (the vehicle is equipped with power battery and high voltage system), therefore, be sure to comply with the following requirements in the event of an accident with pure electric vehicle.

Collision

In case of a collision, please turn on hazard light immediately, and place hazard warning sign behind the vehicle according to the regulations and provisions to avoid following accidents.

- Please go to the local service station immediately to confirm vehicle malfunction state and consult handling suggestions, and then contact the insurance company for handling.
- 2. In case of serious collision (airbag deployment), the vehicle control system will automatically cut off the high voltage system of the vehicle, and the vehicle cannot continue driving. At this time, observe the following precautions:
 - Never touch the exposed wires when they are found inside and outside the vehicle. Failure to do so may cause an electric shock. Never touch the high

- voltage parts, orange high voltage cables and its connectors in vehicle. Failure to do so may cause serious injuries or death caused by electric shock.
- If fluid leakage occurs or fluid flows into components in vehicle, never touch this kind of fluid, which may be the fluid leaked from power battery. In the unlikely event that it comes into contact with the skin or eyes, wash it off immediately with a large amount of water and seek immediate medical attention to avoid greater harm.
- If it cannot confirm whether the vehicle is damaged and safe, leave vehicle at this time. Be sure to inform the emergency persons who come to deal with the accident at the first time that the vehicle is an electric vehicle. Do not allow any other

6. HANDLING VEHICLE IN EMERGENCY

person to approach, contact or move the vehicle.

 In the event of an accident causing a vehicle fire, immediately leave the vehicle and go to a safe area, call the local fire call to inform the fire department, and contact the local service station.

Water Accident

Turn off power switch and leave the vehicle in time when the vehicle is submerged in water in part or in whole. If there are no bubbles or sizzle during salvaging, the salvage work can be performed. If there are bubbles or sizzle, the salvage work only can be performed after there are no bubbles or sizzle. Using specialized equipment, operate salvage work by specialists.

Fire Accident

If fire occurs, leave vehicle immediately, perform following operations conditionally under the condition of ensuring personal safety:

- Call the police according to the site situation, and contact the local service station.
- If it can be confirmed that the fire is small and does not involve high voltage system, try to extinguish the fire with a special fire extinguisher for electrical fire (water-based fire extinguisher); Otherwise, immediately leave the vehicle and stand at the upper air outlet, and inform the firefighters quickly. Do not extinguish the fire with water by yourself to avoid the risk of electric shock.
- If someone accidentally inhales thick smoke, please transfer the person and seek medical attention as soon as possible.

WARNING

- Lithium battery combustion will produce high temperature and harmful gas, please keep away from the fire vehicle as far as possible.
- Do not touch any fluid leaked from the power battery. In the unlikely event that it comes into contact with the skin or eyes, wash it off immediately with a large amount of water and seek immediate medical attention to avoid greater harm.
- When firefighters extinguish the fire with water, please do not touch the ground water to avoid the risk of electric shock.
- Due to the possibility of re-ignition of lithium battery, even when the open flames are extinguished, do not approach the vehicle, and pay attention to observe whether there is still thick smoke or open flame in vehicle.

7-1. Care and Maintenance

Cleaning and **Protecting Vehicle Exterior**

The following operations can be performed to protect the vehicle and keep it in good condition:

- · Rinse the body, wheel wells and underside of the vehicle with plenty of water from top to bottom to remove dirt and dust.
- Scrub the body with a sponge or soft cloth, such as a chamois.
- For marks that are difficult to remove, use washing agent to clean and rinse thoroughly with water.
- Wipe off the water.
- Wax the vehicle when the waterproof coating deteriorates. If water does bead cannot form on the clean surface, apply wax when the vehicle body is cool.

Washing vehicle

- Rear view mirrors should be folded before washing the vehicle. Start washing from the front of the vehicle. Be sure to extend the mirrors before driving.
- Brushes used in automatic car washing station can scratch vehicle surfaces, parts (wheels, etc.) and damage the paint.



- When washing the vehicle, do not flush the inside of the front compartment with water, as this may cause electrical components. etc. to catch fire.
- Before washing the vehicle, be sure to turn off the power switch. and inform the car wash staff that the vehicle is a pure electric vehicle, do not wash the front compartment cover, front grille, and power battery with the water gun. Otherwise it may damage the vehicle or cause electric shock accident.
- Avoid using high pressure when washing vehicle. Water can enter the vehicle and damage the interior of the vehicle.

7. MAINTENANCE

Wheel hub and hub trims

- Immediately remove all dirt with neutral detergent.
- After using detergent. rinse immediately with water.

CAUTION

Be sure to observe the following precautions to protect the paint from damage.

- · Do not use acidic, alkaline or abrasive detergents.
- Do not use hard brush.
- Do not use detergent on the wheels when the wheels are hot (such as after driving or after parking in hot weather).

Bumper

Do not scrub with abrasive cleaners.

Underbody maintenance

Corrosive substances used in melting ice, snow and dust can collect on the underbody. Failure to remove these substances will accelerate corrosion and rust.

Rinse the underbody regularly with clean water. Carefully clean areas prone to collect the dirt. Loosen accumulated dirt in enclosed areas before rinsing with water.

Prevent from paint deterioration, corrosion of body and components (steel wheel hub, etc.)

If the paint is peeling or scratched, repair it immediately.

To prevent the wheels from corroding. remove any dirt and store in a place with low humidity when storing the wheels. In the following situations, the vehicle should be washed immediately:

- · After driving by the sea
- After driving on saline-alkali road
- If coal tar or tree sap is present on the paint surface
- If dead insects, insect droppings or bird droppings are present on the paint surface

- After drivina in an area contaminated by soot, oily smoke, mine dust, iron powder or chemical substances
- · If the vehicle becomes heavily soiled with dust or mud.
- If liquids such as benzene and gasoline are spilled on the paint surface

Cleaning and Protecting Vehicle Interior

- Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.
- If dirt cannot be removed, wipe it off with a soft cloth dampened with neutral detergent diluted to approximately 1%.

Wring out any excess water from the cloth and thoroughly wipe off remaining traces of detergent and water.

Cleaning the carpets

A variety of commercially available foam cleaners can be used. Use a sponge or brush to apply the foam. Scrub in overlapping circles. Do not use water. Wipe up the dirty surface and let it dry. Keep the carpet as dry as possible for best results.

Detergent

Do not use polishing wax or polishing cleaners. Otherwise, the painted

surface of the instrument panel or other interior parts may be damaged.

Do not use the following types of detergents, which may cause discoloration or staining or damage to the interior of the vehicle:

- Non-seat parts: Organic substances such as benzene or gasoline, alkaline or acidic solutions, dyes and bleaches
- Seats: Alkaline or acidic solutions, such as thinner, benzene, and alcohol

Prevent damage to the leather surface

Observe the following precautions to avoid damage and deterioration of leather surfaces:

- Remove any dust or dirt from leather surfaces immediately.
- Do not expose the vehicle to direct sunlight for a long period of time.
 Please park the vehicle in a shaded place, especially in

summer.

 Do not place polyethylene, plastic products or wax-containing items on the leather trim, as they may stick to the leather surface if the vehicle interior heats up significantly.



WARNING

- Do not spill liquids into the vehicle, as this may cause electrical components, etc. to malfunction or catch fire.
- When cleaning the interior (especially the instrument panel), do not use polishing wax or polishing cleaners. Otherwise, the instrument panel may reflect onto the windshield, obstructing the driver's view and leading to an accident, resulting in serious injury or even death.

7-2. Maintenance

Maintenance Notice

There are two types of repair and maintenance: One is normal maintenance, which can be done by the customers; the other is regular maintenance, inspection and repair, which need to be completed by the local service station.

For the details of regular maintenance. inspection and repair methods, please refer to "Regular Maintenance" in this section; Regular maintenance can be helpful for you to found and eliminate potential dangers in time to prevent malfunctions. Scheduled maintenance of your vehicle is essential. Please strictly follow the maintenance schedule of "User Manual" to perform maintenance, ensuring that vour vehicle maintains the best performance and good operating conditions, thus effectively extending the service life of the vehicle.

Please use the oil fluid recommended by Beijing Automobile Works Co.,Ltd., or vehicle may be damaged.

The service station is equipped with advanced maintenance tools, equipment and genuine spare parts required to provide maintenance and service to your vehicle. And all after-sales service personnel have received professional management and technical training to ensure fast and efficient completion of vehicle maintenance and repair work, to ensure that your vehicle always has good technical performance.

Rubber hoses used for braking systems, etc., should be inspected by professionals in strict accordance with the maintenance schedule. Rubber hoses will deteriorate with age, resulting in swelling, wear or cracking. Therefore, if the hose is deteriorated or damaged in any way, please contact the local service station immediately for replacement.

Does your vehicle need repairs?

Be alert for changes in vehicle performance and sound, as well as visual symptoms that indicate your vehicle needs repairs. The following are some important signs:

- Significant loss of power
- · Abnormal noise
- Liquid leakage from the bottom of the vehicle (However, it is normal for air conditioning systems to drip water after use.)
- Flat-tires, excessive tire noise when cornering, uneven tire wear
- Vehicle pulls to one side when driving straight on a level road
- Abnormal noise related to suspension movement
- Loss of brake effectiveness, soft brake pedal, pedal almost touching the floor, pulling to one side when braking

If you notice any of above signs, please take your vehicle to the local

service station as soon as possible.

MARNING

If the vehicle is not properly maintained, it can cause serious damage to the vehicle and may result in serious injury or even death.

7-3. Normal Maintenance

Normal Maintenance

Many maintenance items are not complicated, as long as user has a little mechanic knowledge and some basic vehicle tools, they can be completed by the user. This section will briefly explain how users can perform simple maintenance.

It should be noted that some maintenances require special tools and expertise. These maintenances are best done by qualified technicians. Even if you have rich maintenance experience, we still recommend you to go to the local service station for

standardized repair and maintenance. They will record the maintenance information of your car and help you apply for a warranty service.

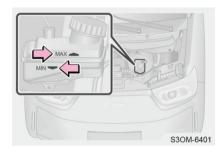
CAUTION

- Check if the tools, cotton, etc. are left in the front compartment before closing the front compartment cover.
- Correctly add fluid the appropriate level. If some fluid splashes onto the vehicle body, be sure to immediately wash it off with a wet cloth, avoiding damaging painted surface.

To avoid serious injury or even death when working on the front compartment cover. observe the following precautions.

- Keep hands, clothing and tools away from moving fans.
- Do not smoke, cause sparks, or expose open flames near 12 V battery. The gas evolved from the 12 V battery is flammable.
- Take extra care when working on 12 V battery. The battery contains poisonous and corrosive sulfuric acid.
- Never touch, disassemble, remove or replace the high voltage parts, cables or their connectors. Failure to do so may cause severe burns and electric shock, which may lead to serious injury or even death.
- Wear safety glasses to prevent flying or falling material, sprayed liquids, etc. from getting in your eves.

Checking Brake Fluid Level



Brake fluid level should be between the MIN and MAX marks. If the level is at or below the MIN mark, add brake fluid.

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CAUTION

- As the brake fluid has high water absorbability, do not leave the brake fluid reservoir cap open for a long period of time.
- Only brake fluid recommended by Beijing Automobile Works Co.,Ltd. can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk.
- If brake fluid splashes onto the painted surface of vehicle body, be sure to clean it with a wet sponge or wash it off with water to avoid corroding the parts or painted surface.
- Please use DOT4 brake fluid of the same brand and specification, otherwise it may cause the fluid to deteriorate.

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↑ WARNING

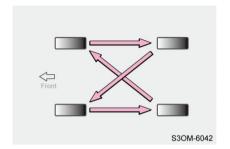
Never allow brake fluid to contact your skin or eyes. If the brake fluid splashes into your eyes or on your skin, flush the area immediately with a great quantity of water. Get emergency medical attention immediately if necessary.

Checking Tires

Check the condition of the tires before driving and check the tire pressure at least once a month.



Check the tire tread by the tread wear mark. When tread wear reaches its limit, tread will be in the same plane as the wear band. At this time, it indicates that performance and safety of tire seriously decrease, and replacement is necessary.



To equalize tire wear and help extend tire life, it is recommended that you perform a tire rotation every 12 months or 10,000 km (whichever comes first).

When to replace tire

In the following situations, the tire should be replaced:

- The tire shows the tread wear mark.
- A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage.
- When the tire has damages such as cuts, breaks, deep cracks

- exposing the fabric, or bulges that indicating damage inside the tire.
- Observe the following precautions. Failure to do so may lead to an accident, resulting in death or serious injury:
- Do not use tires that were used on another vehicle.
- Do not mix tires with remarkably different tread wear.
- Do not use tires if you do not know how they were used previously.
- Do not mix tires with different manufacturers, models or tread patterns.
- Do not mix differently constructed tires (such as radial bias-belted or bias-ply tires).
- Be sure to keep proper tire pressure. Otherwise, the following conditions may occur and result in death or serious injury:
- Excessive wear.
- Poor handling.

7. MAINTENANCE

- Uneven wear.
- Poor sealing of the tire bead.
- Wheel deformation or tire separation.
- Possibility of blowouts resulting from overheated tires.
- A greater possibility of tire damage caused by poor road conditions.

♠ ENVIRONMENTAL PROTECTION

Never discard a disposed tire carelessly. It should be handled according to the local regulations regarding to environmental protection.

CAUTION

- It is normal that the tire pressure increases after driving for a period of time.
- If the tire needs to be inflated frequently, please go to the local service station for inspection and repair as soon as possible.
- Tire pressure monitoring system can recognize tire pressure and read tire pressure value.
- If air leakage occurs while driving, do not continue to drive. Driving even a short distance can damage a tire beyond repair.
- Be sure to install tire valve caps properly. Otherwise, dirt could get into the valve core and cause blockage. If the caps are lost, install new ones as soon as possible.

Checking 12 V Battery

Check and make sure that the battery terminals are not corroded and that there are no loose connections, external cracks, or loose fixing clamps.

Chemicals in the battery

12 V battery contains poisonous and corrosive sulfuric acid and may produce hydrogen gas which is flammable and explosive. To reduce the risk of serious injury or even death, observe the following precautions when working on or near 12 V battery:

- Do not cause sparks by touching the battery terminals with tools.
- Do not smoke or light a match near the battery.
- Avoid contact with eyes, skin and clothes.
- Never inhale or swallow electrolyte.
- Wear protective safety glasses when working near the battery.

Keep children away from the battery.

M WARNING

Always charge the battery in an open area. Do not charge the battery in a garage or closed room where there is insufficient ventilation.



CAUTION

Never recharge the 12 V battery after the vehicle is started. Also, be sure to turn off all accessories.

Checking Windshield Washer Fluid

If no washer fluid is sprayed from washer nozzles, stop operating washers and check if it is necessary to add washer fluid. If it cannot operate properly after adding washer fluid, please contact the local service station for inspection and repair.

CAUTION

- Never add antifreeze in the windshield washer fluid, because antifreeze will damage the body painted surface.
- Do not use water as washer fluid when temperature is below zero. Otherwise, water will be frozen. causing damage to washer.

Checking Wiper Blades

Check the roughness of wiper blade by sliding on its edge using your finger. If it is too rough, the wiper blade will not work effectively.

CAUTION

- Do not use the wiper blades to remove frost or ice covered on the windshield
- When there are pits on the windshield that struck by gravel, please maintain it timely.
- In winter, make sure that the wipers are not frozen to the glass before operating them to avoid damaging the wiper blades.
- Butter, silicone and fuel may cause the wiper blades to operate improperly, and it is recommended to clean the wiper blades with washer fluid.

7. MAINTENANCE

Maintaining wiper blades

- Do not use high-pressure water jet to directly wash the wiper blades while washing the vehicle, otherwise the wiper blades could be deformed.
- In order to prevent the formation of schlieren, it is recommended to clean wiper blades using glass detergent regularly once a week.
- Apply pure water to rinse the windshield and blades after washing the vehicle in the automatic car washer, which can remove the remaining wax layer.
- Do not operate wiper blades when windshield is dry. Doing so may scratch glass, resulting in permanent damage to wiper blades.
- Do not clean the windshield with fuel, nail polish remover, paint thinner or similar liquid, which can damage the wiper blades.
- Avoid using glass agent and

- hydrophobic agent on the front windshields. The hydrophobic layer will fall off slowly after using, resulting in uneven friction of windshield and abnormal noise of wiper shaking.
- When the windshield surface is frosted or frozen, or when dry soil, insect, sticker or other solid particles are attached to the windshield surface, clean them with a wet cloth in time. Do not use a dry cloth or remove them with wiper blades directly, otherwise it will damage the windshield and wiper blades.

Using wipers

- Do not swing the wiper arm manually, otherwise it may damage the wiper.
- When there is snow, leaves, branch and other objects, they should be cleaned before operating the wiper.
- Washer fluid should be added on

- time, and do not use tap water instead.
- In cold weather, always check if the wiper blades are frozen on the windshield before using. If they are frozen on the windshield, always unfreeze them before using. Use air conditioning heating and ventilation device to warm up. Do not pour hot water directly to blades, otherwise, windshield may break or wiper blades may deform.

7-4. Regular Maintenance

Regular Maintenance Regulations

All matters specified in this system apply to vehicles within the warranty period. For vehicles beyond the quality guarantee period, it is only a suggestion or reference.

- The first maintenance is 6 months or 5,000 km (whichever comes first). Within 6 months or 5,000 km (whichever comes first),
- We recommend that users perform each maintenance at the local service station. After the maintenance is completed, the "Maintenance record sheet" will be filled in by the local service station, and the user will sign it after confirmation.
- For quality problems found in inspections during maintenance operation, follow the specifications of quality guarantee service.
- 4. The maintenance specification list specifies the date and mileage of each maintenance. Under the warranty, it must be maintained at the local service station according to the date specified in the specification maintenance list. After the maximum quality quarantee period. recommended that you also go to the local service station to perform appropriate maintenance according to the date and mileage intervals (or earlier as necessary) in the maintenance specification list.

7. MAINTENANCE

Normal Maintenance Specification List

- 1. The first maintenance: It should be carried out within 6 months or 5,000 km after purchase, whichever comes first; Replace the decelerator gear oil during the first maintenance.
- 2. Regular maintenance requirements: After the first maintenance, the subsequent maintenance interval is every 12 months or every 10,000 km, whichever comes first.
- 3. Normal maintenance specification list: When the vehicle is driven in an environment with flat roads and little dust, it should be maintained in accordance with the requirements in the normal maintenance specification list or earlier as necessary. Date and mileage whichever comes first. The key components replacement and maintenance specifications are as shown in the following table:

	Normal Maintenance Specification List											
Category Items Interval	Itomo	Time (months)	6	18	30	42	54	66	78	90	102	114
	× 1,000 km (kilometers)	5	15	25	35	45	55	65	75	85	95	
Decelerator gear oil		R	R	R	R	R	R	R	R	R	R	
	Brake fluid		ı	ı	R	ı	ı	R	ı	I	R	I
Replacement and overhaul	Grease the steering column dust cover		I	I	I	I	I	ı	I	ı	I	ı
	Door lock, hinge lubrication	and stopper	I	I	I	I	ı	I	I	ı	I	I

	Normal Maintenance Specification List											
	Items	Time (months)	6	18	30	42	54	66	78	90	102	114
Category	Interval	× 1,000 km (kilometers)	5	15	25	35	45	55	65	75	85	95
Appearance status of power battery assembly box and its connector and protector		I	I	I	I	I	I	I	I	ı	I	
Inspection of battery, motor and electronic control system	High voltage wire harness and its connection status of each high voltage component, drive motor and motor controller low voltage control wire harness		ı	ı	ı	ı	ı	I	I	ı	ı	I
	Appearance, connector and cooling status of on-board three-in-one (charger, DCDC converter, distribution box)		I	ı	I	I	I	I	I	I	I	I
	Power battery as parameters	ssembly system	I	I	I	I	I	I	I	I	ı	I
	Vehicle control s	ystem	I	I	I	I	I	I	I	I	I	I

7. MAINTENANCE

	Normal Maintenance Specification List											
Category	Items	Time (months)	6	18	30	42	54	66	78	90	102	114
	Interval	× 1,000 km (kilometers)	5	15	25	35	45	55	65	75	85	95
	Chassis fastener torque		I	ı	ı	ı	ı	ı	ı	ı	ı	ı
Chassis and brake	pipes, hoses and related components		I	I	I	ı	ı	ı	ı	I	ı	I
inspection			I	ı	ı	ı	I	ı	ı	I	ı	I
Consumable	Tires: Tread depth, torque of nut, tire pressure*1		I	I	I	I	I	I	I	I	I	I
inspection	Lighting system,	electric horn, wiper	I	ı	I	I	I	I	I	I	I	I

Explanation of symbols in the table:

- I Check these items and their related components. Correct, tighten, clean, replenish, adjust or replace if necessary.
- R Replacement or change.
- *1 If necessary, perform four-wheel alignment or tire dynamic balancing.

Items in the maintenance schedule should be replaced more frequently than recommended intervals if the vehicle is subjected to the following severe conditions.

- · Use the brakes and emergency brake frequently.
- · Frequently rapid acceleration, deceleration or high speed driving.
- Often driving in conditions where the outdoor temperature is below 0°C or above 35°C.
- Often driving on dusty roads, hilly or mountainous areas.
- Vehicles used for special purposes such as police cars, taxis, rentals or other operations.

Irregular Maintenance Specification List			
Irregular Maintenance Items	Irregular Replacement Interval		
Tire rotation	Replace every 12 months or every 10,000 km or earlier as necessary		
Decelerator gear oil	Replace every 12 months or every 10,000 km or earlier as necessary		
Brake fluid	Replace every 18 months or every 15,000 km or earlier as necessary		
Other types of items in the normal maintenance list	According to the normal maintenance list, the maintenance interval will be halved accordingly or based on the halved, it will be earlier as necessary.		

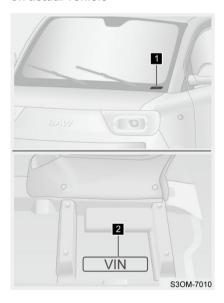
For details of maintenance record sheet, instrument cluster replacement record and owner change record, please refer to the appendix of this manual.

8. SPECIFICATION

8-1. Label Location

Vehicle Identification Number (VIN)

Vehicle Identification Number (VIN) on actual vehicle



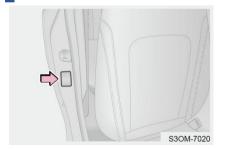
- Vehicle identification number label is located on upper left of driver side instrument panel, and can be seen from the outside through the front windshield.
- 2 Vehicle identification number is engraved on the floor under the passenger seat. It can be seen after you lift the carpet printed with VIN.

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CAUTION

It is forbidden to cover, paint, weld, cut, drill or remove Vehicle Identification Number (VIN) and areas around it.

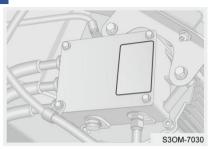
Manufacturer Name Plate



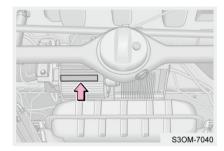
Vehicle product label is located on right quarter outer panel as shown in the illustration.

The contents of the nameplate include: Company name, vehicle identification code (VIN), brand, vehicle model, motor model, motor peak power, rated power, battery model, battery rated voltage, battery rated capacity, vehicle curb weight, number of occupants, maximum allowable total weight, manufacture date information.

Motor



The drive motor nameplate is pasted on the upper surface of drive motor, the contents of the nameplate include: model, number of phases, rated operation voltage, IP grade, peak speed, rated power, peak power, rated torque, peak torque, cooling method, insulation level, duty, company name, etc.



The model and serial number of the drive motor are engraved on the bottom of the drive motor (which can be seen after the vehicle is lifted).

Microwave Window



The microwave window is located on the inner side of the front windshield and at the right side to the back of the inside rear view mirror, where is for wireless RF signal transmission and installation of automotive electronic identification.

8. SPECIFICATION

8-2. Vehicle Specifications

Vehicle Dimensions

	Length (mm)	3162
Overall Size	Width (mm)	1498
	Height (mm)	1585
Wheel Bas	se (mm)	2050
Tread	Front (mm)	1290
rread	Rear (mm)	1290
Overhang	Front (mm)	579
	Rear (mm)	533

Vehicle Weight

Vehicle	Model	BAW7000UL46BEV
Vehicle Curb Weight (kg)		720
Unladen Axle Load	Front Axle (kg)	391
	Rear Axle (kg)	329

Laden Axle Load	Front Axle (kg)	551
	Rear Axle (kg)	489
Allowable Maximum Total Weight (kg)		1040
Driving Mileage (km) at Constant Speed of 60 km/h		170
Seating Capacity (Including Driver) (Person)		2

Vehicle Performance and Driving Range

Minimum Ground Clearance (mm)	135
Minimum Turning Diameter (m)	8.5
Approach Angle (°)	29
Departure Angle (°)	41
Maximum Vehicle Speed (km/h)	90
Maximum Gradeability (%)	17

Driving Mode

Driving Mode	Rear-mounted and rear-wheel drive
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8. SPECIFICATION

Motor

Model	TZ160X020
Туре	Permanent magnet synchronous motor
Cooling Method	Natural air cooling
Rated Power (kW)	13
Maximum Power (kW)	20
Rated Voltage (V)	96
Maximum Torque (N·m)	85
Maximum Speed (r/min)	7500

Power Battery

Vehicle Model	BAW7000UL46BEV
Туре	Lithium iron phosphate battery (BMS)
Rated Voltage of Power Battery Pack (V)	102.4
Nominal Capacity of Power Battery Pack (kWh)	13.7

On-board three-in-one

	AC input voltage range (Vac)	150 - 264
	AC input current (A)	≤ 9.6
OBC	Efficiency	≥ 93%
OBC	Power factor	≥ 0.98
	Rated output voltage (Vdc)	96
	Rated output power (Kw)	2
	Operation voltage range (V)	65 - 144
	Rated power	800W @ 25℃
DCDC	Maximum output total current (A)	60 ± 2
	Unladen output voltage (V)	13.8 ± 0.3
	Laden output voltage (V)	≥ 12
	Maximum efficiency	≥ 91%

Suspension System

Front Suspension	Macpherson type independent suspension	
Rear Suspension	Three-link type non-independent suspension	

8. SPECIFICATION

Brake System

Reasonable Range of Brake Pedal Free Travel	Less than 20 mm
Reasonable Range of Use for Brake Friction Pair	Thickness of friction material is 7.5 mm, to be replaced after 5.5 mm wear The initial thickness of the brake disc is 8 mm, to be replaced after 1 mm wear on one side

Fluids

Items	Specification	Capacity
Brake Fluid	DOT4	0.46 ± 0.01 L
Rear Axle Gear Oil	GL-5 85W-90 (summer gear oil model) GL-5 80W-90 (winter gear oil model)	0.8 ± 0.05 L
A/C Refrigerant	R-134a	375 g

Wheel Alignment

	Toe-in	0°- 10′
Front Whool	Camber	0.38° ± 45′
Front Wheel	Kingpin Inclination	11.2° ± 1°
	Kingpin Caster	2.8° ± 45′
Dear Wheel	Toe-in	0° ± 10′
Rear Wheel	Camber	0° ± 0.5°

8

Wheel and Tire

Tire Model		155/65 R13
Cold Tire Inflation Pressure	Front Wheel	250 ± 20
(kPa) (Fully loaded)	Rear Wheel	250 ± 20
Wheel Dynamic Balance Requirements		Dynamic unbalance ≤ 10 g

Battery

	Battery Model	12V 36Ah
- 1	•	

Steering System

Steering Power Mode	Electric boost	
Steering Gear Type	Rack & pinion type	

8. SPECIFICATION

Light Bulb Specification

Light Bulb Name	Source/Model	Watt of Light Bulb
Headlights	H7	55 W
Daytime Running Light	LED	0.5 W × 28
Position Light	LED	0.2 W × 8
Side Turn Signal Light	WY5W	5W
Rear Fog Light	LED	0.5 W × 8
Brake Light	LED	0.5 W × 6
Back-up Light	P21W	21W
Front Turn Signal Light	LED	0.5 W × 14
Rear Turn Signal Light	PY21W	21W
License Plate Light	LED	1.2W
Dome Light	C5W	5W