



SKYWELL
天美汽车



用户手册

USER MANUAL

天美 ET5

Skywell ET5

PREFACE

Respected User:

Thank you very much for choosing the Skywell manufactured by Jiangsu Skywell Automobile Co., Ltd., and welcome you to join the Skywell family. We look forward to bringing you endless fun in your work and life with high-quality products and services.

This user manual is a driving and maintenance guide that is very important for safe driving and vehicle maintenance. Before driving, please read this manual carefully and understand the relevant instructions. This will help you better understand and use Skywell and make your new vehicle in future use could be always maintain a good condition, and enjoy the safety and fun of driving the vehicle.

When transferring or loaning the vehicle, please transfer this user manual to the new user, because this manual is a part of the vehicle, and the new user also needs to understand this knowledge.

If you find any problems during use, please contact the nearest service provider authorized by our company, they will provide you with the best quality service in maintenance and repair.

Wish you a pleasant journey with Skywell !

SKYWELL, ALL IS WELL!



caution:

The contents of this manual are for reference only, and the specific functions of the vehicle shall be subject to the actual vehicle.



caution:

Skywell ET5 and Skyworth ET5 are essentially the same, but with different names.

Jiangsu Skywell Automobile Co., Ltd.

July 2021

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Chapter 1:

User Instructions

Welcome to choose Skywell. To ensure that Skywell be used and maintained correctly, please read this manual carefully.

Ambient temperature of power battery

The performance of the power battery is related to the ambient temperature. It is required to use the vehicle within the ambient temperature range of $-30^{\circ}\text{C}\sim 60^{\circ}\text{C}$ to ensure the normal operation of the vehicle and extend the service life of the power battery. The temperature is too high or too low will affect the performance

of the power battery and the vehicle.

Do not expose the vehicle to an environment higher than 60°C or lower than -30°C for more than 24 hours.

Recycling instructions for power batteries

According to relevant national regulations, vehicle owners are obliged to hand over the used power batteries to the recycling service outlets designated by Jiangsu Skywell, and remove the power batteries from the vehicles in accordance with the prescribed procedures to prevent safety accidents. According to the "New Energy Vehicle Power Battery Recycling and Traceability Management Regulations", if the used power battery is handed over to other units or

individuals, and the power battery is dismantled or dismantled privately, the vehicle owner shall bear full responsibility for the environmental pollution or safety accident caused.

For details on the recycling and disposal of power batteries, please consult the service provider authorized by Jiangsu Skywell.

The power battery is composed of a series of components such as lithium-ion battery pack, circuit board, wire, fuse, relay, pre-charging resistor, copper bar, connector, metal shell, etc. Random disposal will cause pollution and harm to the environment. Please follow the following Request processing:

1. Personnel requirements: Disassembly must be carried out by qualified professionals.
2. High-voltage safety: The

interior contains high-voltage components such as lithium-ion battery packs and high-voltage wiring harnesses, and insulation safety protection must be done before opening or disassembling.

3. Transportation: The power battery belongs to the 9th category of dangerous goods and must be transported by vehicles with the 9th category of dangerous goods transportation qualification.
4. Storage: The disassembled power battery should be stored in a normal temperature and dry environment, away from flammable materials, heat sources, water sources and other places that may cause danger. For details on the recycling and disposal of power batteries, please consult with Jiangsu

Skywell authorized service providers.

Recharge Mileage

Recharge mileage depends on the available power of the vehicle, vehicle age (current power battery life), weather, temperature, road conditions, driving habits and other factors. It is worth noting that:

1. Recharge mileage is related to the depth of discharge. In order to avoid excessive discharge that affects the performance of the power battery, it is recommended to charge the vehicle immediately when a low-battery warning light is found in the instrument;
2. The actual recharge mileage of the vehicle will decrease as the age of the vehicle increases;
3. Air conditioning cooling or heating will reduce recharge mileage by 0%~30%;
4. Due to the characteristics of the power battery, the vehicle may experience weak acceleration and insufficient power under extreme temperatures and low power;
5. Regular vehicle maintenance;
6. Maintain normal tire pressure;
7. Minimize the use of vehicles in high temperature or cold weather;
8. After using the vehicle in winter and the battery is low, do not park for too long, and charge it as soon as possible;
9. Remove unnecessary items to reduce vehicle load;
10. Turn off high-power electrical equipment such as air conditioners or

adjust the heating or cooling temperature to reduce the energy consumed by high-power electrical appliances and increase the cruising range when necessary;

11. When the vehicle speed is high, close the windows to reduce air resistance and reduce power consumption;
12. Keep the vehicle speed stable;
13. When accelerating, press the accelerator pedal as lightly as possible;
14. When decelerating, release the accelerator pedal, do not step on the brake or lightly step on the brake to obtain as much braking energy recovery as possible and increase the cruising range when emergency braking is not necessary.

Special Description

Jiangsu Skywell Automobile Co., Ltd. recommends that you choose genuine spare parts and use, maintain and repair the vehicle correctly in accordance with this manual. The use of non-genuine spare parts to replace or modify the vehicle will affect the safety of the vehicle. Damage and performance problems caused by this will not be covered by the warranty. In addition, the modification of vehicles may also violate national laws and regulations and local government regulations. Thank you for choosing Skywell, and welcome your valuable comments and suggestions. To ensure better service for you, please be sure to provide accurate contact information. If there is any change, please

inform Jiangsu Skywell
authorized service provider to
update the system.

1

from happening.

Prompt Message

Warning:

 Indicates that if the warning is ignored, serious accidents, injuries or deaths may result. The stated steps must be strictly followed and the information provided must be carefully considered.

Caution:

 Indicates that the matters stated here must be strictly observed, otherwise the vehicle may be damaged.

Note:

 Reminder statement, indicating that the vehicle can be used better.

Prohibit:

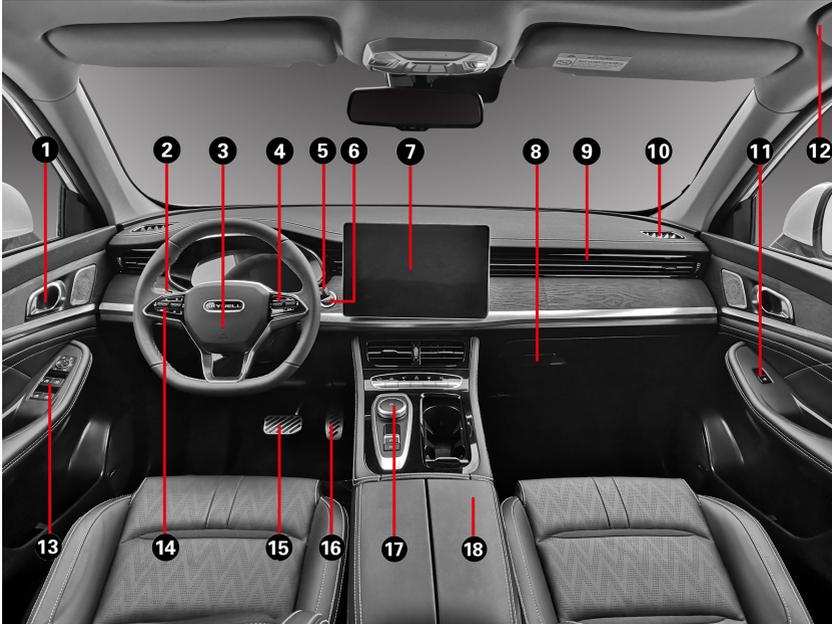
 Indicates that this is prohibited or prohibited

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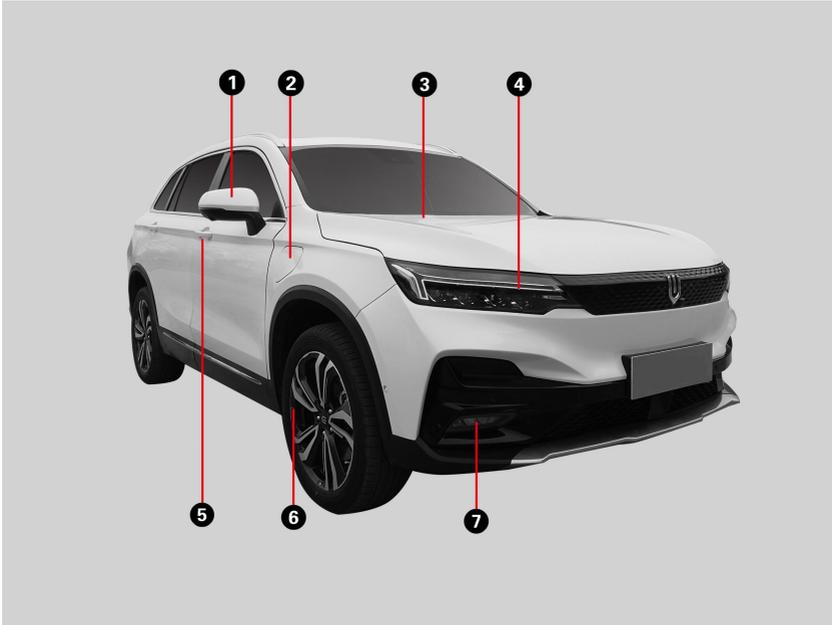
Chapter 2: Vehicle Overview

Internal introduction



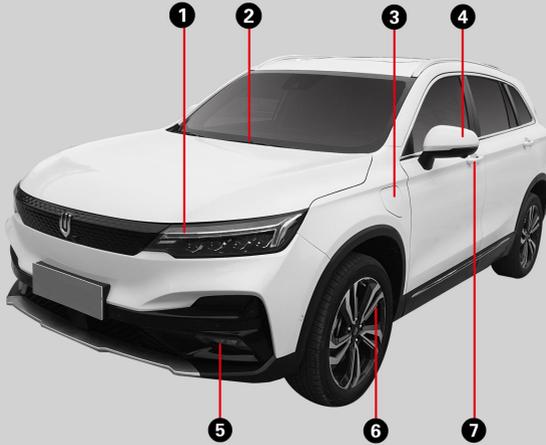
- | | |
|------------------------|-----------------------------|
| 1. Door shader | 10. Vent duct assy RH |
| 2. Lamp adjust handle | 11. Single door window SW |
| 3. Horn device | 12. Grab handle assy |
| 4. Wheel button RH | 13. FL window SW assembly |
| 5. Wiper adjust handle | 14. Wheel button LH |
| 6. SSB | 15. Brake-pedal |
| 7. Centre console | 16. Pedal asm brk&accel&clu |
| 8. Zlove box lock assy | 17. Gear shift switch |
| 9. Outlet assy RH | 18. Handrail |

External introduction

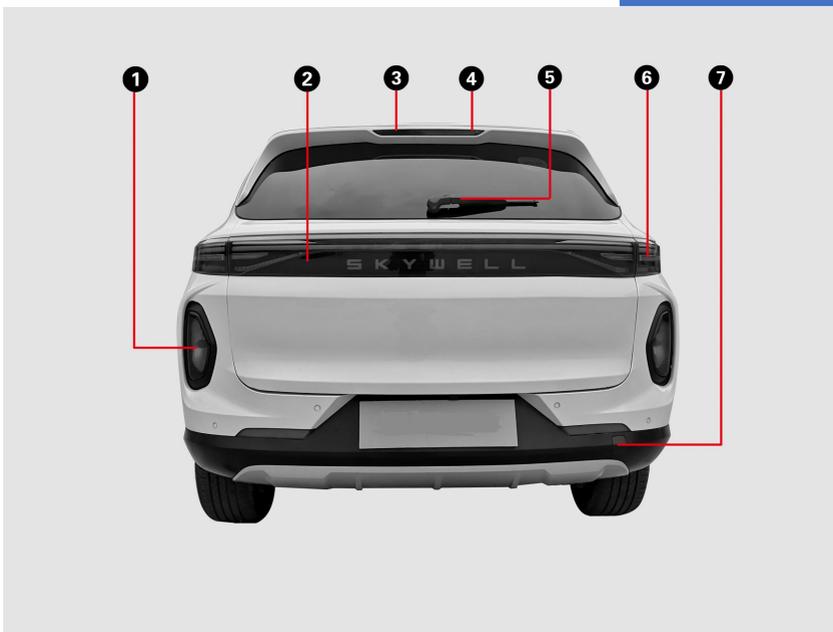


2

1. Outside rearview mirror
2. DC charging port
3. Wiper
4. Front head light assy RH
5. Front door handle
6. Tire
7. Front fog light assy RH



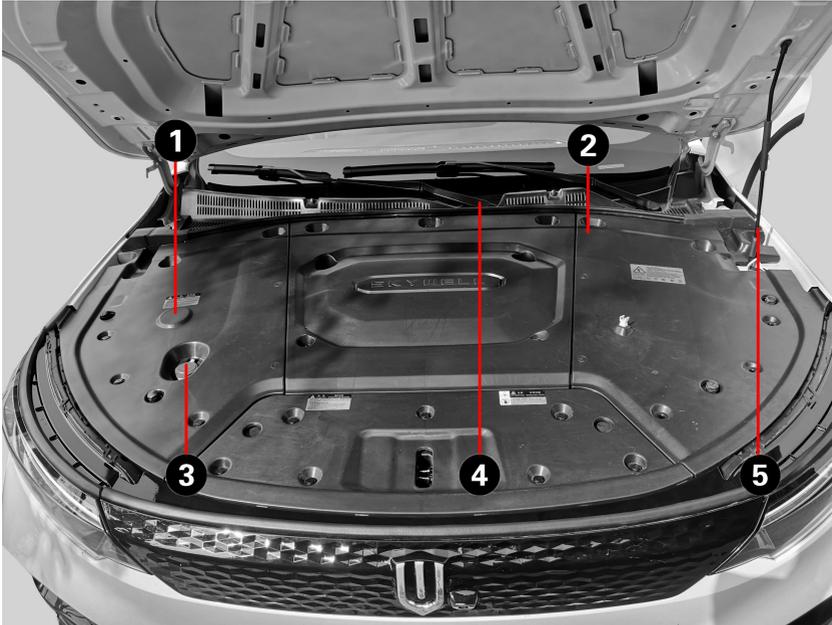
1. Front head light assy LH
2. Wiper
3. AC charging port
4. Outside rearview mirror LH
5. Front fog light assy LH
6. Tire
7. Front door handle



2

1. Rear fog light LH
2. Tailgate light assy
3. High mounted stop light
4. Nozzle assy R
5. Rear wiper
6. Rear light(side)assy RH
7. Rear drag hook

Front cabin introduction



1. Expansion kettle
2. Brake fluid kettle
3. Wash tank
4. Wiper
5. Hood support

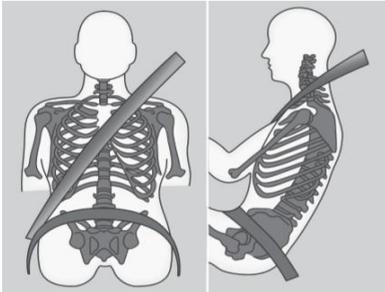
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Chapter 3: Security System

Seat belt

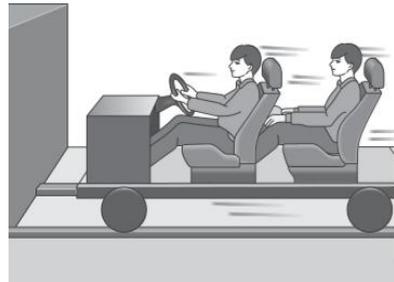


The seat belt is a safety device that ensures that the driver and occupants are restrained in a limited position during a vehicle collision, emergency braking, and sudden steering. We strongly recommend that drivers and occupants wear seat belts correctly at all times to reduce the forward inertia of drivers and occupants caused by collisions, emergency

braking and sudden steering. Correct use of seat belts can greatly reduce the casualties of occupants in the vehicle.

The protective effect of seat belts

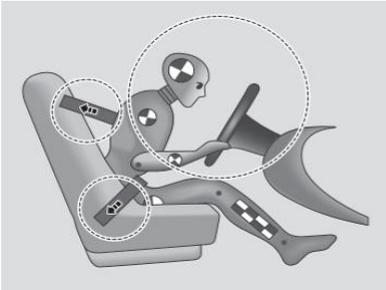
When you are sitting on or in an object, you will move at the same speed as the object.



Take the simplest vehicle as an example, suppose that the vehicle is a seat with wheels on which a person can sit. Make it accelerate and then stop, the people in the vehicle will not stop.



3 The person continues to move forward until blocked by an object. In actual vehicles, the object may be the windshield or dashboard or seat belt.



Fasten the seat belt and you will slow down with the vehicle. You have more time and longer distance to stop exercising, and the strongest bones in your body will take on the force. This is why the role of the seat

belt is so important.

Correct sitting posture

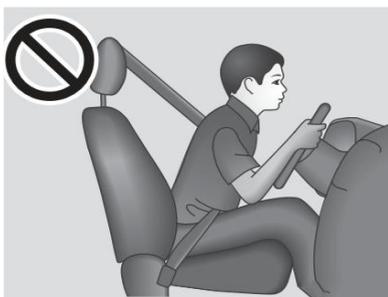
Correct sitting posture is very important for the best protection of seat belt and Airbag. The driver and front passenger seats can be adjusted in multiple directions according to the physical condition of the occupants to ensure the correct sitting posture.



Do not tilt the seat back excessively when the vehicle is driving to avoid serious injury.



When driving, do not just hold the steering wheel with one hand, otherwise it may cause danger.



When driving, please do not lean forward, you must ensure that there is enough distance between you and the airbag.

Check the seat belt

1. After the seat belt is fastened, quickly pull the

seat belt to check whether the seat belt can be locked safely;

2. Unlock the seat belt, check whether the seat belt is completely recycled, whether the seat belt is too loose or worn.

Seat belt

pretension

The seat belt pretension device is designed to work with airbag and works in conjunction with airbag. When a serious frontal collision occurs, the sensor detects a severe collision, and the pretensioner will quickly tighten the seat belt to restrain the driver and occupants, thereby greatly reducing the forward tilt of the driver and occupants.



Precautions for seat belt

1. All personnel on the vehicle must wear seat belts

correctly to prevent the increase in casualties of drivers and passengers in the event of an accident;

2. When wearing the seat belt, ensure that the seat belt is not twisted;
3. Each seat belt is only guaranteed to be used by one person in the vehicle, and it is prohibited to share a seat belt with a child;
4. If the seat belt is found to be worn, scratched, cracked, etc., it must be replaced by a service provider authorized by Jiangsu Skywell;
5. Do not modify or disassemble the seat belt without authorization to avoid failure of the seat belt which reduce the protection of drivers and passengers;
6. When the seat belt is not used, the seat belt should be fully recycled into the

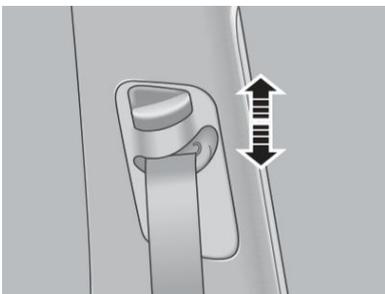
seat belt retractor. If it cannot be fully retracted, it must be inspected and repaired by a service provider authorized by Jiangsu Skywell;

7. During the seat belt recycling process, the seat belt should be held by hand to avoid the excessive pre-tightening force causing the seat belt recycling speed to hurt people;
8. Do not over-tilt the seat for comfort. The seat belt can provide maximum protection only when the occupant is sitting upright and leaning on the seat back;
9. Avoid wearing inappropriate clothing while driving.

Shoulder strap height adjustment

The vehicle is equipped with shoulder strap height adjusters in the driver and front passenger seating positions.

Adjust the height so that the shoulder strap of the seat belt is centered on the shoulders. The seat belt should be far away from the face and neck, but not under the shoulders. Incorrect shoulder strap height adjustment will reduce the effectiveness of the seat belt in the event of a crash.



How to use seat belt for pregnant women

Seat belt is suitable for everyone, including pregnant women. Like all occupants, pregnant women must wear a seat belt.



During the whole pregnancy, pregnant women should wear seat belts, and the crotch belt should be worn as low as possible under the raised abdomen. Pregnant women should sit as straight as possible, away from the steering wheel and dashboard,

so as to reduce injuries caused by collisions or airbag triggers to pregnant women and fetuses. The best way to protect the fetus is to protect the pregnant woman. After wearing the seat belt correctly, the fetus will probably not be injured in a crash. For pregnant women, the key to making the seat belt work is to wear the seat belt correctly.

Use seat belt

Driver's correct sitting posture

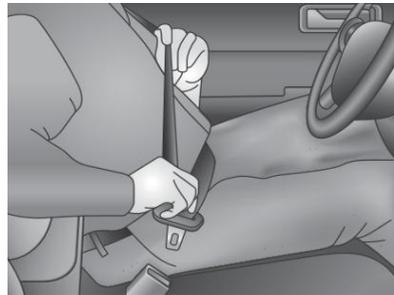


Co-pilot's correct sitting posture

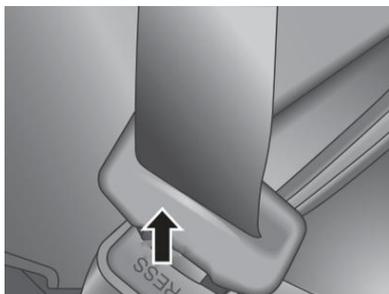
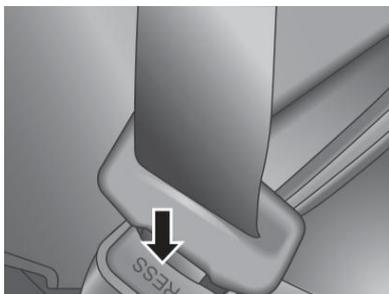


Fasten seat belt

1. Adjust the sitting posture until the back fits the seat;



2. Pull out the seat belt of the shoulder slowly, and make it diagonally across the shoulder, chest, and hip (be carefully not to touch the neck or slip off);



3. Insert the lock tongue into the lock buckle until it makes a “click” sound to ensure that the lock tongue is in place;
4. Pull out the seat belt forcefully to check whether the seat belt is locked;
5. Retractor retracts the excess seat belt part.

Release seat belt

1. Hold the lock tongue with your hand and press the release button;
2. Retract the seat belt into the retractor slowly.

Seat belt untied indicator

When the vehicle is powered on, the driver and co-pilot are seated, if the seat belt is not attached, the seat belt untied indicator lights up, and the indicator light goes out when the seat belt is attached.



When the vehicle is powered on, if the seat belt is not fastened after the occupants in

the rear seat are seated, the rear seat belt untied indicator lights up.



Airbag

Airbag

introduction

1. Airbag is part of the security system and is a supplement to the seat and seat belt. Airbag can provide additional protection to the head and chest of the driver and occupant in a more serious frontal collision, reducing casualties;
2. According to different

collision types, airbags are generally divided into front airbags and side airbags. The front airbag includes the driver airbag and the front passenger airbag, and the side airbag includes the front seat side airbag and curtain airbag.

3. Airbag cannot replace the seat belt, it is an integral part of the entire passive safety protection system of the vehicle;
4. Only when airbag and the fastened seat belt work together can provide the airbag system maximum protection. Therefore, in order to ensure the safety of you and your family, please pay special attention to the “Caution” and “Warm Reminders” in this section.

Airbag distribution

Front airbag of driver and

co-driver



Curtain airbag



 Warm reminders:

1. Airbag can play a protective role, but can not replace seat belt. Even if the vehicle is equipped with an airbag, all drivers and passengers should wear the seat belt correctly to reduce the risk of injury or

death in the event of a collision;

2. Please keep the seat belt correctly used when the vehicle is driving;
3. Do not let children sit in the front seat;
4. Do not disassemble or assemble airbag parts privately;
5. Do not place anything between airbag and occupants;
6. If the airbag has been deployed, please contact the service provider authorized by Jiangsu Skywell in time to check any relevant components of the airbag.

Airbag type

1. Front airbag

The front airbag for the driver and passenger is used to assist the seat belt in the event of a frontal collision to help reduce the impact on the head

and chest of the driver and front passenger.

2. Seat side airbag

The driver and front passenger seats have a seat side airbag. Seat side airbag protects the chest and pelvis of the human torso. The airbag will deploy in the event of a severe side collision or a severely offset frontal collision. Both the seat side airbag on the collision side and the non-collision side of the vehicle will deploy.

3. Curtain airbag

The roof rails are equipped with a curtain airbag. Curtain airbag helps protect the head and usually deploy in the event of a severe side collision, a severely offset frontal collision, or a vehicle rollover. Both the curtain airbag on the collision side and non-collision side of the vehicle will deploy.

Start Airbag

1. The deployment of airbag

depends on the rate of change of the vehicle's speed during a collision.

According to the deceleration rate, determine whether the airbag will deploy;

2. In the event of a moderate to severe frontal crash, the sensor will detect that the vehicle is decelerating rapidly and send a signal to the control device to immediately deploy the frontal airbag;

3. Airbag was deployed forcefully in an instant, accompanied by a loud noise. The deployed airbag and seat belt can restrict the activities of drivers and passengers and reduce the risk of injury;

4. The front airbag will be deflated immediately after being inflated, and will not affect the driver's sight and the ability to manipulate the

steering wheel or other control devices;

5. In rear-end collisions, rollovers, slight frontal or side collisions, strong braking or driving on bumpy roads, road potholes, etc., the front airbag usually does not deploy. Therefore, even if the vehicle is severely damaged, the airbag may not be deployed. Conversely, small-scale structural damage may also cause the airbag to deploy;
6. Airbag will release a fine powder on the surface when it is deployed. Although this powder is non-toxic, passengers with respiratory diseases may still feel temporary discomfort.



Warning:

1. Do not stack any items on

or near the airbag on the dashboard, because such items will cause personal injury when the airbag is deployed due to a serious collision;

2. Drivers and occupants in the front seats of the vehicle are not allowed to put their arms on the airbag module. The deployment of the airbag may cause fractures or other injuries;
3. Do not use seat covers, otherwise, in the event of an accident, the deployment of the seat side airbag will be restricted, and the accuracy of the driver's detection system after loading will also be reduced;
4. Airbag has considerable speed and strength when deploying, which can cause personal injury. To prevent injury, ensure that all drivers and passengers

in the vehicle are seated with a seat belt, and the seat position should be as far back as possible;

5. Never use a child safety seat on a front seat with an airbag, or let a child sit on it. Otherwise, if the airbag is deployed, it may cause injury or death;
6. Passengers are not allowed to rest their heads on the door. Otherwise, if the curtain airbag is deployed, it may cause injury;
7. Passengers should not put their feet, knees or any other part of their body on or near the airbag, so as not to prevent the airbag from working properly;
8. After the airbag is deployed, some airbag components generate heat. Do not touch it with your hands and wait for it to cool down completely;
9. All components of airbag are not allowed to be modified, including corresponding labels. Any operation of airbag is recommended to be completed by service providers authorized by Jiangsu Skywell;
10. Jiangsu Skywell will not be responsible for any direct and indirect losses for any damage caused by operations that do not follow the above instructions.

Conditions where the front Airbag may not be deployed



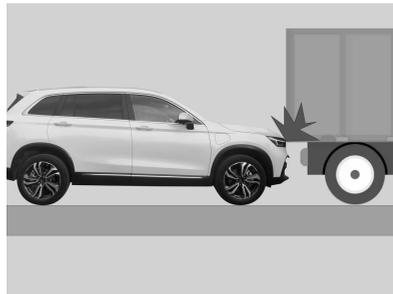
When colliding with easily deformable objects, your safety will not be endangered, so the front airbag will not deploy in such collisions.



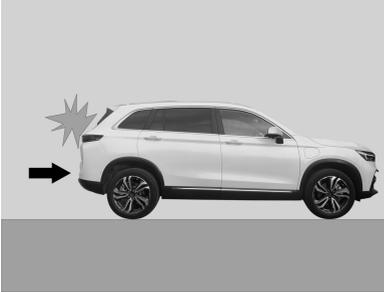
Suddenly falling into a deep pit or ditch.



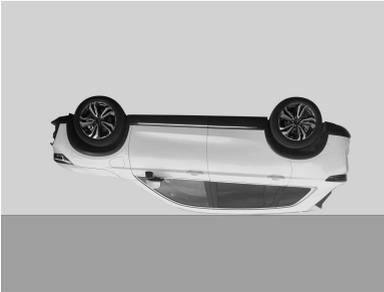
When the vehicle collides with low objects such as steps while driving, the airbag may not deploy. While the seat belt can protect your safety.



When colliding with the rear of the truck (drilling collision).



In a rear collision, the head pillow and seat belt will provide you with the best protection, while the front airbag cannot provide significant protection.

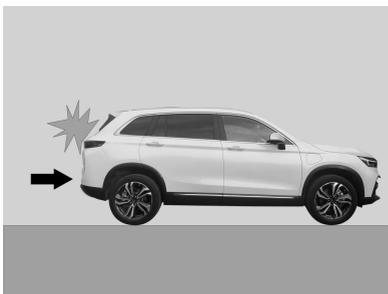


In the case of rollover, the airbag may not deploy.

Conditions where the side air curtain may not be deployed



In a frontal collision or close to a frontal collision, the front airbag will protect your safety, and the side air curtain is specially designed to reduce the injury of the driver or passengers due to the side movement of the vehicle in the event of a moderate to severe side collision.



In a rear collision, the head pillow and seat belt will provide you with the best protection. The side air curtain cannot provide significant protection, and the side air curtain may not be deployed.



In the case of rollover, the side curtain may not be deployed.

Child safety seat Children's vehicle guide

Accident statistics confirm that children sitting in the rear seats are safer than the front seats.

In order to protect children, a suitable child safety seat should be used according to the child's age, weight and height. If the child is too big to use the child safety seat, he should sit on the rear seat and use the seat belt. Please strictly follow the instructions provided by the manufacturer of the child safety seat during installation and use.

We recommend that you put the instruction manual of the child safety seat and this manual together and bring it with you.

Do not hold infants and toddlers in your arms while

driving, otherwise the infants may be injured or killed in emergency braking or accidents.



The correct use of child seats can significantly reduce the risk of children being injured! As a driver, you must always pay attention to the safety of children in the vehicle:

1. The appropriate choice and correct use of child seats.
2. Strictly follow the child seat manufacturer's regulations and correctly wear the seat belt.
3. Don't be distracted by children when driving.
4. When driving for a long time, rest at least once

every two hours.

Do not place the rear-facing child protection device on the front seat of the vehicle. Otherwise, when the airbag is deployed, it will impact the back of the child protection device with great force, causing serious injury or death of the child.



Information about the applicability of different seating positions to child restraint systems:

Mass level	Front passenger	Rear outside Passenger	Rear middle Passenger
0 level(<10kg)	X	U	X
0+ level(<13kg)	X	U	X
I level(9kg—18kg)	X	U/UF	X
II level(15kg—25kg)	X	UF	X
III level(22kg—36kg)	X	UF	X

Note:

U: This mass level is suitable for the use of "universal" child safety seats.

UF: This mass level is suitable for the use of forward "universal" child safety seats.

X: It is not suitable to use the child safety seat of the mass level.

Information on the suitability of different ISOFIX positions to the

ISOFIX child restraint system:

Mass level	Size	Fixtures	Front passenger	Rear outside Passenger	Rear middle Passenger
Portable crib	F	L1	X	IL	X
	G	L2	X	IL	X
0 level (<10kg)	E	R1	X	IL	X
0+ level (<13kg)	E	R1	X	IL	X
	D	R2	X	IL	X
	C	R3	X	IL	X
I level(9kg — 18kg)	D	R2	X	IL	X
	C	R3	X	IL	X
	B	F2	X	IUF	X
	B	F2X	X	IUF	X
	A	F3	X	IUF	X

Note:

IL: Suitable for ISOFIX child safety seat in the category of "specific vehicles, restricted or semi-universal".

IUF: Universal ISOFIX forward-facing child safety seat suitable for this mass level.

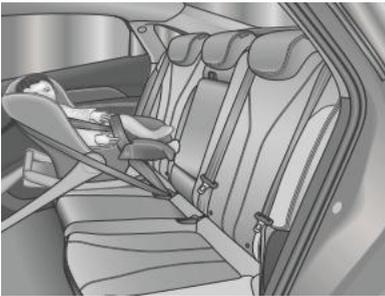
X: The seat position does not support ISOFIX child safety seat installation.

ISOFIX: An international standard for fixed points of child safety seats for passenger vehicles.

0/0+ level child safety

seat

For babies under 18 months and weighing less than 13 kg, it is best to use a 0/0+ level child seat that can be adjusted to the lying position.



I level child safety

seat

For infants under 4 years old and weighing between 9 kg and 18 kg, it is best to use I level child seats with built-in

seat belts.



II level child safety

seat

For children under 7 years old and weighing between 15 kg and 25 kg, it is best to use a three-point seat belt with a II level child seat.



III level child safety

seat

For children over 7 years old, weighing between 22 kg and 36 kg, and under 1.50 meters in height, it is best to use a three-point seat belt with a III level child seat.



 Warning:

1. The child protection device fixed by the ISOFIX child seat fixture cannot provide adequate protection for children weighing more than 22 kg. Therefore, do not place children weighing

more than 22 kg in a child protection device fixed by the ISOFIX child seat fixture. If the child weighs more than 22 kg, a three-point seat belt should be used to secure the child protection device.

2. Children taller than 1.50 meters can use the existing seat belt of the vehicle without using a child seat.

Install child safety seat correctly

Before installing the child seat in the rear seat, the front seat must be adjusted to the appropriate position according to the size of the child seat and the child's body shape. In the event of a collision or emergency braking, the child sitting in the rear seat It is not easy to be injured by hitting a hard object in the vehicle, and when a child sits in the rear

seat, it will not be injured by airbag inflation.



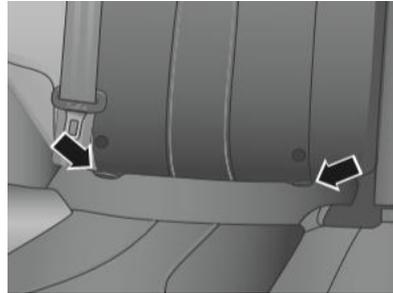
Installation of child seats with ISOFIX system

The child safety seat equipped with ISOFIX system can be quickly, conveniently and safely installed on the vehicle seat equipped with corresponding devices.

Be sure to strictly follow the instructions of the manufacturer of the child safety seat when disassembling and installing

the child seat.

1. Put the safety seat on the rear seat;
2. Turn the seat sideways until the bottom is visible;
3. Rotate the ISOFIX handle to pull out the ISOFIX connector;
4. Widen the gap between the seat cushion and the seat back, and confirm the position of the ISOFIX connector near the safety lock;



5. Place the seat upright, align the ISOFIX connector of the child safety seat with the corresponding part behind the seat, rotate the ISOFIX handle to push the

ISOFIX connection;

6. Check whether the buckle is correctly locked;
7. Raise the head pillow to the highest position, and then pass the fastening strap through the headrest;



8. Hang the latch connector on the fixed hook on the back of the rear seat;



9. Tighten the latch seat belt;
10. Place the head-pillow at the lowest position and press

the latch seat belt;

11. Ensure that all unused seat belts accessible to children are locked.

There are two ISOFIX fixing rings on both sides of the rear seats, and the ISOFIX fixing rings of the rear seats are installed on the body.

 Warning:

1. The fixing ring can only be used to connect the ISOFIX child seat.
2. Do not connect fastening straps, non-ISOFIX child seats or any other items to the fixing ring. Otherwise, it is very easy to cause casualties.

Older children ride

Older children who cannot sit on the child safety seat should wear a seat belt.



The manufacturer's instructions attached to the child safety seat indicate the weight and height limits of the child safety seat. Before the child passes the following fitness tests, the child safety seat must be used with the three-point seat belt:

1. Ride as far back as possible on the seat. Check whether the child's knee can bend at the edge of the seat? If yes, please continue. If not, please use child safety seat.
2. Fasten the three-point seat belt. Can the shoulder strap be placed on a child's shoulder? If yes, please

continue. If not, please use child safety seat.

3. Can the shoulder strap be placed as low as possible and close to the child's arm, just touching the thigh? If yes, please continue, if not, please use child safety seat.
4. Can the seat belt be worn correctly throughout the trip? If yes, please continue. If not, please use Child safety seat.

Never let two children share a seat belt. Wearing this way will not allow the seat belt to properly disperse the impact. In a crash, two children will collide together and be seriously injured. The seat belt must only be used by one person at a time.



3 When a child wears a seat belt, never let the shoulder belt press on the child's back. If the three-point seat belt is not worn correctly, children can be seriously injured. In the event of a crash, the shoulder strap cannot protect children. Children will overshoot, which increases the chance of head and neck injuries. Children may also slide under the crotch. The force of the seat belt will just act on the abdomen. This may cause serious or fatal injuries. The straps should go over the shoulders and cross the chest.

Infant ride

Everyone in the vehicle needs protection, including infants.



Do not embrace infants or children when riding in the vehicle. When a crash occurs, the baby or child will become very heavy and cannot be hugged at all due to the impact of the collision. For example, when a crash occurs at a

speed of only 40km/h, a 5.5kg baby will suddenly exert a force of 110kg on the arms of the holder. Babies should be secured in suitable protective devices.



Do not use the rearward child safety seat on the seat protected by the front airbag.

Check child safety seat

After installing the child safety seat, make sure that the child safety seat is not loose:

1. Fix the child safety seat according to the seat belt path, try to slide the child safety seat from side to

side, front to back;

2. If the child safety seat moves more than 2.5cm, it is too loose, and the seat belt needs to be fastened or reconnected to the ISOFIX fixed child safety seat;
3. If you cannot fasten it, try another seat position or use another child safety seat.



Warning:

1. Even if you use a child safety seat or booster seat, do not let children ride in the front passenger seat, otherwise it will cause serious risk of injury or death;
2. Do not place a rear-facing child safety seat on a seat equipped with an activated airbag, otherwise it will cause a serious risk of injury or death;
3. Never use a forward-facing

child safety seat until the child weighs more than 9kg and can ride independently. The spine and neck of children under two years of age are not fully developed, and frontal collision injuries should be avoided;

4. Do not allow infants to sit on your lap. All children should always be restrained on the appropriate child safety seat;
5. To ensure that children ride safely, please follow all the instructions detailed in this document and the instructions provided by the manufacturer of the child safety seat;
6. Do not use seat belt extension belts on seat belts used to install child safety seats or booster seats;
7. When a larger child is riding, make sure that the child's head is supported, and adjust and fix the seat belt of the child seat appropriately. The seat belt on the shoulders must avoid the face and neck, and the overlapping part must also avoid the abdomen;
8. Never tie two child safety seats to one anchor point. In the event of a collision, one anchor point may not be enough to secure two seats;
9. The anchor points of the child protection device only bear the load from the properly installed child protection device. Child protection devices cannot be used for adult seat belts, wiring harnesses or installing other items or equipment under any circumstances;
10. Always check the safety harness and laces for

damage and wear;

11. Even if the child has been fixed on the child safety seat, please do not leave it alone in the vehicle;
12. Never use a child safety seat that has been involved in a vehicle accident. Please check or replace the seat in accordance with the child safety seat manufacturer's instructions.

Child lock



The child safety lock is designed to prevent children sitting on the rear seat from unintentionally opening the rear door. There is a door lock

bolt on the side of the left and right rear doors. When the lock bolt is in the LOCK position, the door cannot be opened from inside the vehicle. To open this door, you need to use the door handle outside the vehicle.



Caution:

1. Before driving, especially when there are children in the vehicle, make sure that the door is closed and locked;
2. Use seat belt correctly and lock the door, which helps prevent the driver and passengers from being thrown out of the vehicle in an accident, and also prevents the door from opening accidentally;
3. When the child lock is locked, the inner handle cannot open the rear door. At this time, the rear door should be opened from

outside the vehicle. Do not pull the inner handle too hard to avoid damage.

Anti-theft system

A system set up to prevent the vehicle itself or the items on the vehicle from being stolen. If the vehicle is in the anti-theft state and any door is opened, the system will sound an warning and the turn signal will flash.

Anti-theft mode

1. Turn off the power;
2. All passengers get off the vehicle;
3. The four doors, tailgate, and front hatch are closed, and the BCM (Body Control Module) receives the lock command from the remote control key or mobile phone APP;
4. The turn signal flashes once and the rearview mirror is folded (only for

mid-to-high models).

Anti-defense mode

When the vehicle is in anti-theft mode, the BCM receives the unlock command from the remote control key or mobile phone APP, enters the anti-defense mode, the central control unlocks, and the rearview mirror is deployed at the same time, the turn signal light flash twice, and the position light is on. (mid-to-high models).



Warm reminders:

.In an intrusion state, you need to set up defenses first, and then release the defenses to perform rearview mirror deployment.

Twice anti-theft mode

When BCM is in anti-theft mode or double anti-theft mode,

when BCM receives the unlock command from the remote control key or mobile phone APP and waits for 30s, the four doors, tailgate and front hatch do not have any opening or closing action or locking action for 30s , The vehicle enters anti-theft mode again.

Intrusion mode

BCM is in anti-theft mode, any of the four doors is opened, the status of the hood changes (closed to open), and the back door is opened illegally, the vehicle enters the intrusion mode and starts to warning. The horn device works for 28s and pauses for 5s. The left and right turn signals flash for 28 seconds, pause for 5 seconds, and the APP displays the warning information. If the intrusion source disappears, the BCM will stop the warning after the current warning cycle ends and enter the anti-theft

mode. When the same warning source continues to trigger (such as the left front door keep opened), the warning lasts for 3 cycles at most; after 3 warning cycles, the vehicle is still in Intrusion mode, the turn signal and horn device do not work.

Low speed

reminder function

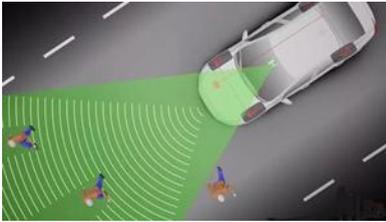
When the electric vehicle is running, the sound is used to remind the surrounding vehicles and pedestrians to avoid.

When the vehicle is moving forward:

1. $0\text{km/h} \leq \text{speed} \leq 20\text{km/h}$, beep increases with the increase of vehicle speed;
2. $20\text{km/h} < \text{speed} \leq 30\text{km/h}$, beep decreases with the increase of vehicle speed;
3. $\text{speed} > 30\text{km/h}$, no sound.

When the vehicle is reversing:

1. The vehicle emits a continuous and even sound.



Operation method

The low speed reminder function can be turned on/off on the multimedia entertainment system. The function is turned on by default when driving next time.



Caution:

When the vehicle is in the N or P gear, no sound is emitted.



Warning:

1. The low speed reminder pause switch is only available when there are no pedestrians within a short distance and the surrounding environment obviously does not need to be reminded;
2. As long as there are pedestrians on the road or pedestrians may appear around the vehicle, the low speed reminder function needs to be turned on;
3. When the vehicle is driving at low speed when the low speed reminder function is turned off, then it cannot remind the pedestrians to avoid it, which may cause an accident;
4. If you cannot hear the prompt sound when driving at low speed, please ensure that it is safe to pull over and confirm, open the main driving glass, put the gear into R gear, and listen to whether there is a prompt sound. If there is no prompt sound, please contact Skywell service in time.

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Chapter 4: Opening and Closing

Key introduction

The keys include remote control keys and mechanical keys.

▶ Remote control key



Carrying a remote control key, you can use the buttons on the remote control key to unlock/lock the door, open the tailgate, and find the vehicle.



Caution:

1. The remote control key is

an electronic component. The following instructions should be followed to prevent damage to the electronic smart key:

▶ Do not place the key in high temperature places, such as on the dashboard;

▶ Do not disassemble it for no reason;

▶ Do not use the key to knock other objects hard or fall;

▶ Do not immerse the key in water or clean it in an ultrasonic scrubber;

▶ Do not put the remote control key together with devices that emit electromagnetic waves, such as mobile phones;

▶ Do not attach any objects (such as metal seals) that will block electromagnetic waves to the key.

2. If the remote control key cannot operate the door within a normal distance, or the indicator light on the

key is dim and not bright:

▶ Check whether there are radio stations or airport radio transmitters that interfere with the normal operation of the remote control key;

▶ The battery of the remote control key may be exhausted. Check the battery in the remote control key. If you need to replace the battery, it is recommended that you contact the service provider authorized by Jiangsu Skywell.

3. If the remote control key is lost, it is recommended that you contact Jiangsu Skywell authorized service provider as soon as possible to avoid vehicle theft or accidents.
4. Do not change the transmission frequency or increase the transmission power (including the additional transmission frequency amplifier), and do not use an external

detection antenna or use other transmission detection antennas.

5. Do not cause harmful interference to various legal radio communication services during use; once interference is found, stop using it immediately and take measures to eliminate the interference before using.
6. Do not use near airplanes and airports.

Remote control key button





1. “Tailgate unlocked” button
2. “Lock” button
3. “Unlock” button

▶ “Lock” button

Press this button to lock the vehicle, long press this button for more than 2 seconds to remotely raise the window to close the four-door window and sunroof.

Press the “Lock button” twice within 2s to realize the vehicle search function.

▶ “Unlock” button

Press this button to unlock the vehicle. Long press this button for more than 2 seconds to realize the remote control of the four-door window and the sunroof to open.

▶ “Tailgate unlocked” button

Long press the tailgate unlocked button of the remote control key to unlock the tailgate.

Door

Keyless lock and unlock door

Lock:



When the vehicle is powered off and there is no key in the vehicle, when all doors (four doors, hood, tailgate) are closed, and the key is within 1 meter of the front door, press the groove on the front door handle to lock the door.

Unlock:



When the vehicle is powered off, bring the key to the front door within about 1 meter and hold the front door handle. After the sensor area inside the front door handle is effectively detected, the door is unlocked.



Caution:

1. If there is snow or icing on the front door handle, it will affect the keyless entry function. The snow or icing should be handled as soon as possible;
2. If the front door handle is covered with water and the key is within the effective range in heavy rain or

during vehicle washing, the door may be unlocked;

3. If you wear gloves while holding the front door handle, the sensing area inside the front door handle may be slow or unable to unlock the door.

Use key to lock and unlock the door

Lock:

Press the "Lock" button, all doors are locked at the same time, when all door, hood, and tailgate are closed, the outside rearview mirror is folded (mid-high model is equipped with this function), and the turn signal light flashes once.

If any door, hood or tailgate is not closed, the outside rearview mirror will not be folded (when equipped), the turn signal light will not flash,

and the horn device will beep twice.

Unlock:

Press the "Unlock" button, all doors are unlocked at the same time, the turn signal light flashes twice, the outside rearview mirror is unfolded (mid-high model is equipped with this function), and the position light is on. You cannot unlock/lock the door with the "Unlock" button or "Lock" button when the vehicle power on.

Open the keyhole cover, insert the mechanical key into the keyhole and turn it. Turn the key clockwise to unlock, and turn the key counterclockwise to lock.

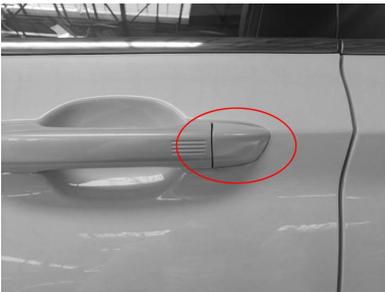


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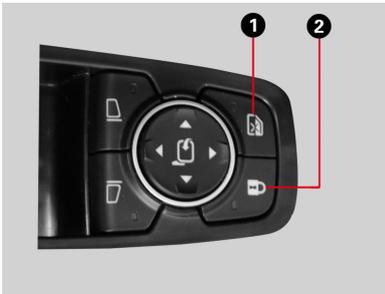
Mechanical key

lock and unlock

the door



Window lock button and central control unlock button



1. Window lock button
2. Central control unlock button

Window lock button:

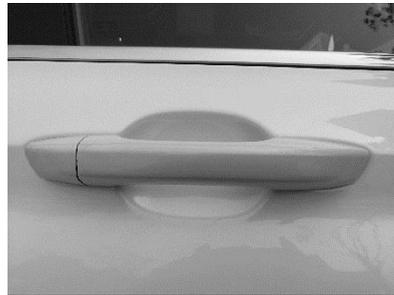
Press the window lock button, the glass lift switches of the other three doors except FL WINDOW SW ASSEMBLY cannot control the windows.

Central control unlock button:

When the four doors are closed, press the central control unlock

button to lock the door, and press this button again to unlock the door.

Use the exterior door handle to open the door



When the vehicle is unlocked, pull the door handle to open the door.

Use door shader to open the door

When the vehicle is unlocked, pull the door shader to open the door.



Trigger anti-theft

When the vehicle is in the anti-theft state, if any door of the vehicle (four doors, hood, tailgate) is to be unlocked by force instead of using the key unlock function, the anti-theft system triggers the turn signal light to flash for 28s and the horn device to beep for 28s.

Disarm the anti-theft warning

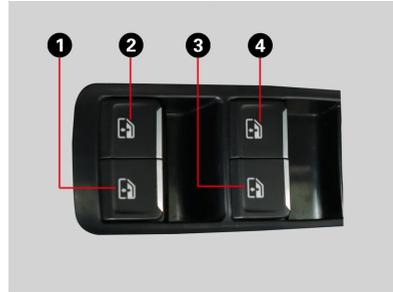
When the anti-theft system triggers the warning process, using a legal key to unlock the door or unlock the door with the key unlock function can

release the anti-theft and stop the anti-theft warning.

Window

When the vehicle is powered on, the windows can be opened and closed through the FL WINDOW SW ASSEMBLY and the SINGLE DOOR WINDOW SW.

FL WINDOW SW ASSEMBLY



1. Right rear door windows switch
2. Left rear door windows switch
3. Right front door windows switch

4. Left front door windows switch

Windows switches are also installed on the left rear door, right front door, and right rear door.



Opening:

Press the switch to the second gear and release it, the corresponding window will automatically drop to the fully open position.

To lower the window partly, press and hold the switch to the first gear and release it when the window is lowered to the desired position.

Closing:

Pull up the switch to the second gear and release it,

and the corresponding window will automatically rise to the lock position.

To rise the window partly, pull and hold the switch to the first gear and release it when the window is risen to the desired position.

Warm reminders:

1. When the window automatic rising function fails, the user needs to manually raise the window to the top for learning;
2. Failure conditions for automatic window rising function:
 - ① Vehicle power off
 - ② Window switch operation did not rise to the top for 10 consecutive times
3. Window thermal protection: The window enters 3min thermal protection after continuous lifting for 3min, during which the window

cannot be lifted or lowered.

Sunroof/Sunshade

When the vehicle is powered on, the sunroof and sunshade can be opened and closed through the sunroof switch panel button on the roof.



1. Sunroof opening button
2. Sunroof closing button
3. Sunroof sunshade closing button
4. Sunroof sunshade opening button

Opening/Closing

1. Long press button1, sunroof slides to open, release to stop movement; short press button1,

sunroof opens to the up position, short press button1 again, sunroof slides to fully open position.

2. Long press button2, sunroof slides to close, release to stop movement; short press button2, sunroof, sunroof slides to the fully close position.
3. Long press button3, the sun shade slides to close, release to stop movement; short press button3, the sun shade slides to the fully close position.
4. Long press button4, the sun shade slides to open, release it to stop the movement; short press button4, the sun shade slides to the fully open position.

Hood

The hood lock is a double pull lock. You need to pull up the hood unlock handle at the

lower left of the instrument panel once, and then pull it up again after releasing to fully unlock the hood.

Opening hood

1. Pull the hood handle on the lower left of the dashboard, release it and pull it up again, the hood is completely unlocked and slightly pops up.



2. Lift the hood, take out the hood support rod, and support the hood at the limit position.



Closing hood

Remove the support rod and fix it in the original position, lower the hood to more than ten centimeters away from the grille, loosen the hood and it would lock due to its own weight, or close the hood slightly harder to lock the hood.

 Warning:

Make sure that the hood is fully locked and the instrument has no relevant reminders before starting the vehicle. If the hood lock is opened by mistake during driving and the instrument warns that the hood is not closed, pull over as soon as possible and ensure safety.

Continue driving after closing the hood, otherwise it will cause safety accidents which be borne by driver.

Tailgate

Opening and

Closing

Opening:

In the non-driving gear (D\S\R) and the vehicle speed is less than 1km/h, the tailgate can be opened by the following operations.



1. Long press the tailgate opening button on remote control key when vehicle power off;

2. Vehicle unlock, press tailgate opening button;
3. Kick the area under the middle of the rear bumper when the remote control key is close to the tailgate;

Closing:

If tailgate is opened or was opening before stop, the tailgate can be closed by the following operations:

1. Long press tailgate button on remote control key when the vehicle is powered off;
2. Vehicle unlock, manually press the tailgate internal switch or external switch;



3. Kick the area under the middle of the rear bumper

when the remote control key is close to the tailgate;



4 Hover:

When the vehicle is powered off or the vehicle is powered on and the speed is less than 5km/h, the tailgate is in the process of opening or closing, the tailgate can be hovered by the following operations:



1. Long press the tailgate button on remote control

key for 2s, the tailgate stops opening or closing, and is in the hovering state;

2. When the remote control key is close to the tailgate, you can kick the area under the middle of the rear bumper with your foot, and the tailgate stops opening or closing and is in a hovering state;
3. Short press the tailgate external switch, the tailgate stops opening or closing, and is in the hovering state;
4. Short press the tailgate inner switch, the tailgate stops opening or closing, and is in the hovering state;

 Warm reminders:

Tailgate has a buzzer sound during the electric opening, closing, hovering or triggering anti-pinch process.

Anti-pinch function

When the vehicle is powered off or the vehicle is powered on and the speed is less than 5km/h, the tailgate is in the process of opening or closing, the anti-pinch function can be triggered in the following situations:

1. When the electric tailgate receives a reverse force during the opening process, the electric tailgate will stop opening;
2. When the electric tailgate receives a reverse force during the closing process, the electric tailgate will hover;



Caution:

1. When opening or closing the electric tailgate, pay attention to whether there are obstacles that hinder

the movement of the tailgate, and ensure that the tailgate has enough space for movement;

2. If the electric tailgate opening/closing function fails, you can try to reset the tailgate. If the tailgate electric function still cannot be restored, please go to the Jiangsu Skywell authorized service provider for inspection.

Set and cancel the opening angle of tailgate

Set the opening angle:

Pull the tailgate manually to the opening position you want to set, press and hold the button inside the tailgate for 5 seconds, the buzzer will sound, the position setting is successful, the next time the tailgate is turned on, the

tailgate will automatically open to the set position and stop (setting The position must be > about 1/2 of the maximum mechanical opening angle);

Cancel the set opening angle:

After the tailgate is opened, long press the inner button for 5s, the buzzer will sound once to cancel the currently set opening position, and the tailgate position will return to the default position when it is opened next time.

Violent operation

warning status

When the tailgate continuously triggers the anti-pinch 5 times or continuously reverses for more than 5 times, the electric tailgate system will enter the violent operation warning status. In this state, the closing tailgate electric function, only the electric tailgate is manually closed to the full lock position

(the suction lock The second gear position) can be released and enter the normal working mode.

After entering the violent operation warning status, if the following operations are performed, the buzzer will sound 4 times at a specific frequency to reject the user's request:

1. Long press the 2s tailgate control button on remote control key;
2. The kick switch is activated by induction;
3. Short press to activate the tailgate outer switch;
4. Short press to activate the tailgate inner switch;

 Warm reminders:

Tailgate enters the thermal protection state and can resume normal operation after 15s.

Tailgate

emergency

opening

When the electric tailgate cannot be opened electrically, try emergency opening.

1. Open the decorative cover;



2. Tighten the tailgate emergency zipper, unlock and open the tailgate.



Zlove box

Opening Zlove box



Pull the ZLOVE BOX LOCK ASSY back, and the Zlove box can be opened.

Closing Zlove box



Push the Zlove box forward until the Zlove box is closed and locked.

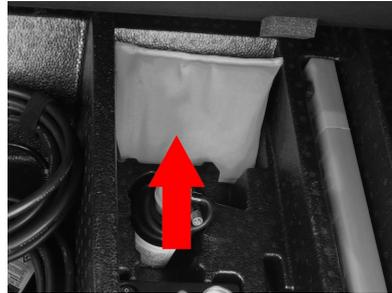
 Caution:

Please close the Zlove box when the vehicle is driving to avoid injury to the Zlove box when the occupants inertially collide forward.

Reflective vest



The reflective vest is stored in the tool box of the trunk. When handling an emergency, you must wear the reflective vest in accordance with the regulations.



storage box

**Opening storage
box**



Pull the handle of the storage box backwards, and the storage box can be opened.

Closing storage box



Push the storage box forward until the storage box is completely closed.

Cup holder Opening and Closing



Pull the upper blade of the roller shutter backward to open the cup holder, and push the upper blade of the roller shutter forward until it is completely closed.

 Warm reminders:

Only store tightly screwed containers with lids in the cup holder to avoid spilled liquids from damaging the interior decoration and electrical components.

Glass box

Opening and Closing



Press the glass box cover to open, push back to close.

Sun visor



The sun visor is located above the driver/copilot.

Opening and Closing

If the light in front is dazzling and makes people feel uncomfortable, pull down the sun visor to opening;



To block the light from the side, you can remove the sun visor from the fixed support and turn the sun visor to the side.



When closing the sun visor, you need to mount the sun visor to the fixed support and push it upward.

 Warm reminders:

Reasonable and correct use of sun visor can improve driving

comfort and safety.

Makeup mirror

When you need to use the makeup mirror, pull down the sun visor and adjust it to an appropriate position.



Cover curtain

Opening and

Closing



Pull out the cover curtain and clip both sides of the cover curtain into the fixing groove. When the cover curtain is not in use, just remove and retract it.

 Caution:

After the cover curtain is unfolded, it is forbidden to place any items on the cover curtain, otherwise it will damage the cover curtain or the items will roll forward in the event of a collision and cause injury to the drivers and passengers.

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Chapter 5: Seat

Front seat

Correct driving

posture

The sitting posture of the driver affects the driver's fatigue and driving safety. In order to be safe and reduce the risk of accidents, the driver should perform the following operations:



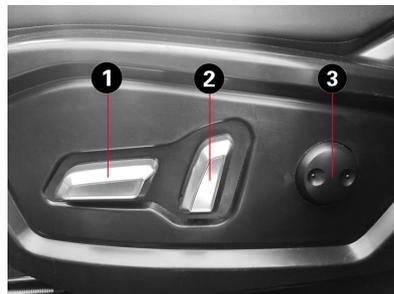
1. Sit upright with your feet on the floor, and the seat back should not tilt more than 30

degrees.

2. Make sure that you can easily step on the pedals and bend your arms slightly when holding the steering wheel. The chest should be at least 25cm away from the center of the airbag cover.
3. Place the middle part of the seat belt between the neck and shoulders. Tightly wrap the seat belt around the hip joint (not the abdomen).

Front seat

adjustment



Driver seat adjustment

includes front and rear, backrest angle, seat lumbar support adjustment. It can be adjusted by button1, button2, and button3 on the side of seat.



Adjust seat button1 in the direction shown in the figure to adjust the front and rear of the seat as a whole.



Adjust the rear part of the driver's seat button1 in the

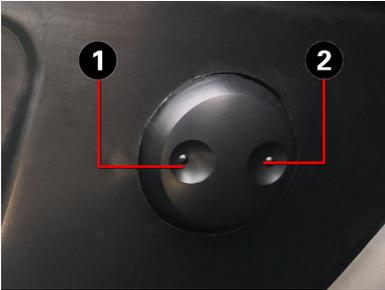
direction shown in the figure to adjust the seat height of the driver.



Adjust seat button2 in the direction shown in the figure to adjust the seat back angle.

Seat lumbar support adjustment

Lumbar support adjustment function can be achieved by adjusting the lumbar support button3, the driver can make the lumbar in a very comfortable state, relieve lower back curled up in a series of problems generated by seat.



Long press button1 on the left side to support the lumbar.
 Long press the right button2 to reduce the lumbar support.



Caution:

1. It is forbidden for the driver to adjust the seat when the vehicle is running, so as to avoid unexpected movement of the seat and cause the driver to lose control of the vehicle;
2. When adjusting the seat, be careful not to let the seat hit the occupants or luggage;
3. After adjusting the front and rear positions of the seat, slide front and rear to confirm whether the seat is locked;
4. After adjusting the seat backrest, lean back and confirm that the seat backrest is locked;
5. When adjusting the seat, please do not put your hands under the seat or close to the moving parts, otherwise your hands may be injured.
6. Make sure that the seat backrest cannot be tilted more than 30 degrees, otherwise, serious injury may occur in the event of a collision;
7. It is forbidden to install seat covers on the front seat, otherwise, in the event of an accident, the front side airbags will be restricted and cannot be activated and cannot provide effective protection.

Seat heating and ventilation

Front Seat heating and ventilation opening and closing functions can be controlled by centre console.



- button1: driver heating switch
- button2: co-pilot heating switch
- button3 : driver ventilation switch
- button4 : co-pilot ventilation switch



Turn on the driver and co-pilot seat heating switch, the driver

and co-pilot seat heating function is opening, set the seat heating gear by clicking the switch, there are three gears.



Turn on the driver and co-pilot seat ventilation switch, the driver and co-pilot seat ventilation function is opening, set the seat ventilation gear by clicking the switch, there are three gears.

When the car is powered on, open and close the driver and co-pilot seat ventilation switch to open and close the seat ventilation function. The seat ventilation gear has three gears, which can be set manually.

When the car is powered on, open and close the driver and

co-pilot seat heating switch to open and close the seat heating function. The seat heating gear has three gears, which can be set manually.

Seat memory function



To operate the seat memory function, short press to call, long press to remember the current position.

Seat comity function

function

When the seat comity function is turned on, and the gear is in P gear/vehicle speed is 0, if the left front door is opened and the vehicle ignition lock is

switched to OFF, the seat automatically moves backward; if the left front door is closed and the vehicle ignition lock is not OFF, The seat automatically moves forward to the last comfortable alighting position.

Rear seat



Rear seat folded



1. Remove the back headrest;
2. Press the seat back switch;
3. Fold the seat back forward.

To restore the seat back, lift the back up and push it until the back is firmly locked.



Caution:

1. When folding the seat back, the items on the rear seat should be removed to avoid hindering the folding effect of the seat back;
2. When restoring the seat back, check whether it is firmly locked;
3. When folding the rear seat, make sure that the outer seat belt goes around the backrest to avoid damage to the seat belt;
4. If the head pillow is not removed first and the back is laid down, it may crush the cushion or cause other damage.

Head pillow

Raise head pillow

Pull up the head pillow to a suitable position in the direction of the head pillow rod, and release it after hearing the locking sound.

Front seat head pillow



Rear seat head pillow



Lower head pillow

Press the head pillow height adjustment button, lower the head pillow to a suitable position and release the button, then pull up the head pillow slightly and release it after hearing the locking sound.



Remove head pillow

Press and hold the head pillow height adjustment button, unplug the head pillow and release the button.



Install head pillow

Insert the head pillow rod into the bushing and keep the groove facing forward. Press the head pillow height adjustment button, lower the head pillow to a suitable position and release the button, then pull up the head pillow slightly, and release it after hearing the locking sound.



 Warm reminders:

The head pillow allows you and your passengers to avoid neck injuries and other head injuries. The soft part in the middle of the head pillow needs to be adjusted to be flush with the upper edge of the occupant's ears, so that the head pillow can exert the greatest protection. Tall occupants should adjust the position of the head pillow as high as possible.

Chapter 6: Driving preparation and setting

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Chapter 6: Driving preparation and setting

Instrument cluster assy

Instrument cluster assy displays the status, function, charging status and other information of each system of the vehicle. When using daily vehicles, you should always pay attention to the information displayed by the instrument cluster assy to obtain the real-time status of the vehicle. Instrument cluster assy will change due to factors such as settings, function usage, vehicle configuration, etc. The description in the figure below is for reference only. Please refer to the actual vehicle for the display interface.

12.3 IN instrument cluster assy(segment code screen)



1. Gear information
2. Speed information
3. Mileage information
4. Recharge mileage

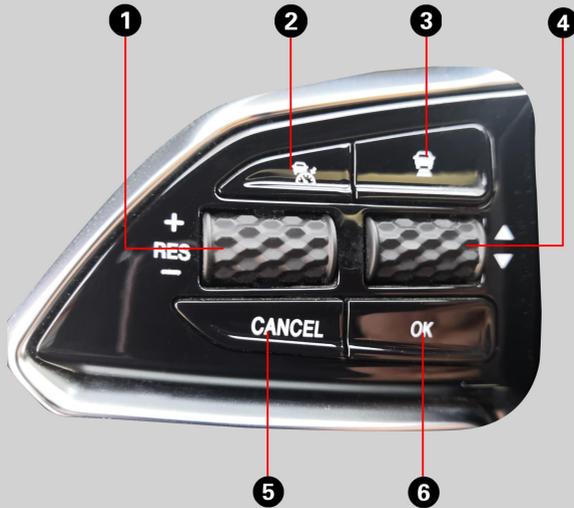
- 5. Electricity information
- 6. Power information
- 7. Time information
- 8. Temperature information

12.3 IN instrument cluster assy



- 1. Temperature information
- 2. Time information
- 3. Gear information
- 4. Speed information
- 5. Mileage information
- 6. Recharge mileage
- 7. Electricity information
- 8. Power information

Instrument interface operation



1. Cruise reset ; Cruise speed+/-
2. Cruise on/off
3. Active cruise distance adjustment+/-
4. Instrument page up/page down
5. Cruise cancellation
6. Instrument confirmation/return

12.3IN instrument cluster assy(segment code screen)



1. Press the "Instrument confirmation/return" button to switch related information display in area A (door opening prompt/tire pressure monitoring display area), area B (display area for average energy consumption, cruising range), and area C (subtotal mileage trip A, trip B). And when the subtotal mileage trip A or trip B in area C is selected, the subtotal mileage can be cleared by long pressing the "Instrument confirmation/return key".
2. Press the "Instrument page up/page down" key to adjust the brightness of the instrument backlight.
3. If the cruise function is configured, the cruise function can be set via the "Cruise on/off" button, "Cruise cancellation" button, "Active cruise distance adjustment+/-" button and "Cruise reset; Cruise speed+/-" button.
4. The time on the instrument comes from the network. If the network time is lost, you can press the "Instrument confirmation/return" key to switch to the non-trip A\trip

B information interface for time setting, long press the OK key for more than 5S, the hour display starts to flash, short press The "Instrument page up/page down" key can add or subtract the hours of the

time; after 5 seconds of no operation, the minute display starts to flash. Short press the "Instrument page up/page down" key to add or subtract the minutes of the time.

12.3IN instrument cluster assy



1. Press the "Instrument page up/page down" button to switch between "Settings", "Trip Computer" and "Fault Finding" menu items in the instrument menu selection area.
2. In the instrument menu selection area, you can use the "Instrument confirmation/return" button to enter the selected related menu items (as shown in the figure, select the "Settings" menu item in the menu area, and press the "Instrument confirmation/return" button to enter the " settings
3. If the cruise function is configured, you can use the "Cruise on/off" button, "Cruise cancellation" button, "Active cruise distance adjustment+/-" button and "Cruise reset; Cruise speed+/-" button to set the cruise function.

Instrument cluster assy malfunction

/warning indicator Lamp

After the vehicle is powered on, the meter enters the startup screen, and enters the main display interface for about ≤ 10 s, displaying part of the vehicle information. Part of the indicator lights light up to show the status information of the vehicle's system functions, which is not a system failure. In the daily car, when the indicator light is on, if there is anything unclear, please contact the service provider authorized by Jiangsu Skywell.

12.3IN instrument cluster assy(segment code screen)



Item	Symbol	Color	Description
Low beam		green	Low beam function activation
High beam		blue	High beam function activation
Position light		green	Position light function activation

Front fog light(LV0 configuration not applicable)		green	Front fog light function activation
Rear fog light		yellow	Rear fog light function activation
Left turn indicator		green	Turn left function activation
Right turn indicator		green	Turn right function activation
Cruise control indicator light (reserved)		green	Normal cruise working state
EPB indicator		red	EPB ON
Autohold indicator		green	Autohold ON
Electronic parking brake (EPB) System failure warning light		yellow	EPB failure
Lane departure warning indicator (reserved)		yellow	Lane departure warning
Vehicle system failure information indicator		red	Vehicle system failure

Charging connection indicator		red	Charge and discharge gun is connected
Charge status indicator		yellow	Vehicle is charging
READY indicator	READY	green	Vehicle is in a drivable state
Airbag malfunction indicator		red	Airbag malfunction
Seat belt unfastened warning light		red	Seat belt unfastened
DCDC/12V/battery charging system malfunction indicator		red	12V/battery charging system malfunction
Tire pressure monitoring system (TPMS) warning light		yellow	Tire pressure malfunction
ESP warning indicator(ESP)		yellow	ESP malfunction
ESP OFF warning indicator (ESP OFF)		yellow	ESP OFF

ABS malfunction indicator		yellow	ABS malfunction
Braking system malfunction warning indicator		red	Braking system malfunction
Electric power steering(EPS)warning indicator		red	EPS malfunction
High voltage battery low battery warning indicator		yellow	High voltage battery low battery
High voltage battery cut off warning indicator		yellow	High voltage battery cut off
Hill Descent Control(HDC)Opening/malfunction indicator		green	Steady light means the function is on, flashing means function failure
High voltage battery malfunction warning indicator		red	High voltage battery malfunction
Limp indicator		yellow	Limited power output
Insulation malfunction		red	Insulation malfunction

Uphill assist opening/indicator		green	Steady light means the function is on, flashing means function failure
Power battery high temperature warning		red	Power battery high temperature warning
Motor malfunction		red	Motor malfunction
Maintenance tips		yellow	Maintenance tips

12.3 IN instrument cluster assy



Item	Symbol	Color	Description
Low beam		green	Low beam function activation
High beam		blue	High beam function activation
Position light		green	Position light function activation
Front fog light		green	Front fog light function activation
Rear fog light		yellow	Rear fog light function activation
Left turn indicator		green	Left turn function activation
Right turn indicator		green	Right turn function activation
Cruise control indicator(LV1/LV2configuration applicable)		white green	White means standby status, green means normal working status

<p>ACC status indicator(LV3configuration applicable)</p>		<p>green white red</p>	<p>White means standby status, green means normal working status, red means failure</p>
<p>EPB indicator</p>		<p>red</p>	<p>EPB brake is working</p>
<p>Auto hold indicator</p>		<p>green</p>	<p>Lit to indicate that the autohold function is turned on</p>
<p>Electronic parking brake (EPB) system malfunction indicator</p>		<p>yellow</p>	<p>EPB malfunction</p>
<p>ICA smart pilot function icon</p>		<p>green white orange red</p>	<p>green indicates normal working status, white indicates standby status, orange indicates function degradation, red indicates system malfunction</p>
<p>Lane keeping and departure/malfunction indicator</p>		<p>white green red</p>	<p>green indicates normal working status, white</p>

			indicates standby status, red indicates system malfunction
Vehicle system failure information indicator		red	Vehicle system failure
Charging connection indicator		red	Charge and discharge gun is connected
Charging status indicator		yellow	Vehicle is parking charging status
READY indicator	READY	green	Vehicle is in an operational state
Airbag malfunction indicator		red	Airbag malfunction
Rear seat belt unfastened warning (LV3configuration applicable)		red	Lights up to indicate that the rear seat belt is not fastened. When the rear seat belt is not fastened, the corresponding position in the indicator shows

			red, and the other position shows green
Seat belt unfastened warning light		red	Seat belt unfastened
DCDC/12V battery charging system malfunction indicator		red	12V battery charging system malfunction
Tire Pressure Monitoring System (TPMS) warning indicator		yellow	Tire pressure malfunction
Dynamic stability control/traction control warning indicator (ESP)		yellow	ESP malfunction
Dynamic stability control/traction control OFF warning indicator (ESP OFF)		yellow	ESP OFF
ABS malfunction warning indicator		yellow	ABS malfunction.
Braking system malfunction indicator		red	Braking system malfunction

Electric power steering(EPS) warning indicator		red yellow	red means steering system malfunction yellow means function degradation
High voltage battery low warning indicator		yellow	High voltage battery low
High voltage battery cut off warning indicator		yellow	High voltage battery cut off
Hill Descent Control(HDC) ON/malfunction indicator		green yellow	yellow means HDC malfunction , green steady light means HDC standby, green flashing means HDC activation
High voltage battery malfunction indicator		red	High voltage battery malfunction
Limp indicator		yellow	Limited power output
Insulation malfunction		red	Insulation malfunction

Hill-start Assist ON/malfunction indicator		green yellow	green means Hill-start Assist function is ON, yellow means Hill-start Assist system malfunction, both show in the same position
Power battery high temperature warning		red	Power battery high temperature warning
Motor malfunction		red	Motor malfunction

Prompt Message and warning function

Prompt Message1: Smart key
is not in the car



When the smart key is not in the car and the door is closing, the indicator prompts "Smart key is not in the car" for 5s, accompanied by a beep.

Prompt Message2: Smart key
not detected



When smart key not detected, the meter will prompt "Smart key not detected" for 5s, accompanied by three beeps.

Prompt Message3: Smart key
low battery



When smart key low battery,

the meter prompts “Smart key low battery” for 5s, accompanied by a beep.

Prompt Message4 : Please depress the brake pedal to start



When the start button is pressed and the brake is not applied, the indicator prompts “Please depress the brake pedal to start” for 5s, accompanied by three beeps.
Prompt Message5 : Thermal management system malfunction



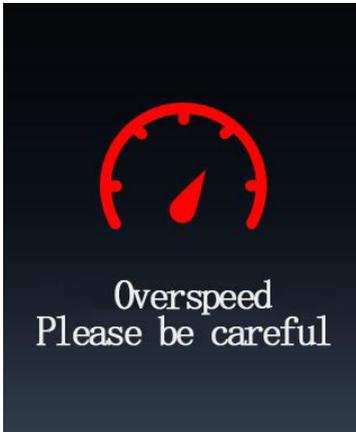
When the vehicle thermal management system is running at reduced power or shuts down, the instrument prompts “thermal management system malfunction” for 5s.

Prompt Message6 : Do not drive in fatigue



When the driver's driving time is longer than the set driving time (2h, 3h, 4h, 5h can be set), the instrument prompts "Do not

drive in fatigue" for 5S, accompanied by six beeps. Prompt Message7: Speeding, please pay attention to safety

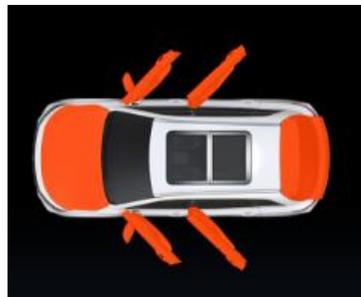


When the current driving speed is greater than the set speed, the instrument prompts "Speeding, please pay attention to safety" for 5S, accompanied by three beeps. Prompt Message8 : Please maintain immediately



When the mileage of the meter reaches the maintenance status, the meter prompts "Please maintain immediately" for 5S, accompanied by a beep.

Prompt Message9: Door open status prompt



When one or more doors are opened, the indicator only

prompts the door status;
 When the vehicle speed is \geq 1km/h, open one or more doors and add voice prompts;
 During the voice prompt, all doors are closed, the prompt sound stops, and the door open display UI closes;
 During the voice prompt, the vehicle speed decelerates below 1km/h, the prompt sound stops, and the door open UI is still displayed.
 Prompt Message10 : Radar warning prompt
 When the front/rear radar warning is triggered, the instrument will give a corresponding sound warning prompt:
 The different distances between the objects/pedestrians in front of the vehicle are divided into 3 levels and the sound frequency is from low to high;
 When the radar system malfunctions, the meter

displays "Radar System Malfunction" for 5s, accompanied by a beep.
 Prompt Message11 : EPB manual release reminder



When the electronic handbrake is released without stepping on brake pedal, the indicator will prompt "Please step on brake pedal to release the electronic parking" for 5S, accompanied by a beep.
 Prompt Message12: Driving mode, please do not leave



When the vehicle is in D gear or S gear or R gear and the left front door is opened, it will prompt "Driving mode, please do not leave" for 5S, accompanied by three beeps. Prompt Message13: Position light is not turned off warning



When the position light is not turned off, the meter will prompt "Position light is not turned off warning" for 10s, accompanied by an warning tone.

Warning1: Please fasten the seat belt



Driver /co-pilot seat belt not attached:

When the vehicle speed is less than 1km/h, the seat belt untied indicator red is always on.

When the vehicle speed is \geq 1km/h, the seat belt untied indicator red flashes, the meter will give an warning of “Please fasten the seat belt” for 5S, and the warning sound will be 100S.

Rear seat belt is not attached prompt message:



Driving preparation and setting

When the status of "Rear seat belt warning" in the meter setting option is "OFF", the indicator will go out.

When the "Rear seat belt warning" status in the meter setting option is "ON", the rear seat belt (left rear/center rear/right rear) is not tied, the corresponding indicator displays red, and the position on the tie displays green.

Warning2: Power battery over temperature indicator



When the temperature of the power battery is too high and the power is reduced, the meter flashes red indicator ,

When it causes a shutdown, the instrument steady lights red indicator ; At the same time, the "Power battery temperature is too high" warning is issued for 10 seconds, accompanied by a warning sound.

Warning3: Power battery cut off



When the high voltage system is cut off and cannot be started, the indicator lights up , At the same time, the "High voltage system is cut off and cannot be started" warning will be carried out until the warning

condition disappears; accompanied by an warning sound.

Warning4: Power battery low



When SOC is less than 20%, the indicator lights up , At the same time, the "Low battery, please charge" warning is activated, accompanied by an warning sound.

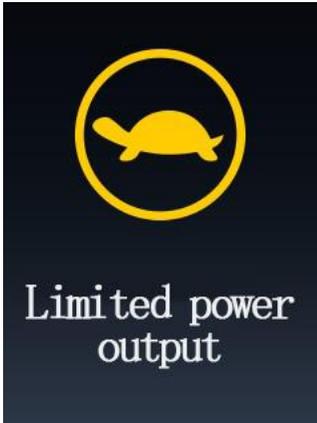
Warning5 : Power battery malfunction



When the power battery malfunctions, the meter flashes (functionally limited)/steady light (emergency shutdown) red indicator , at the same time, a "Power battery malfunction" warning is issued for 10s, accompanied by an warning sound.
Warning6 : Vehicle system failure



VCU Vehicle system failure :
Malfunction light flashes red when running at reduced power, indicator red lights up when the function is disabled ; at the same time "Vehicle system malfunction" warning 5s, accompanied by loud warning sound.
Warning7: Limp home



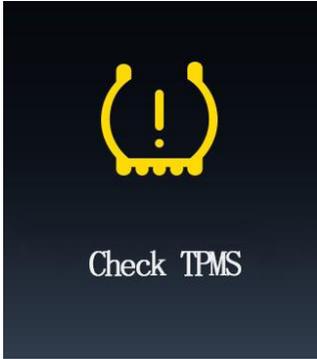
When the battery is insufficient and limited power output, the meter lights up the limp indicator . At the same time, the "Limited power output" warning is carried out for 5s.

Warning8 : Please check Airbag



When the airbag function fails, the indicator lights up the airbag malfunction indicator . At the same time, "Please check airbag" text and picture warning for 5s.

Warning9 : Please check the TPMS

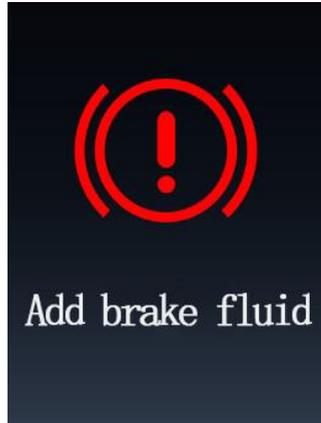


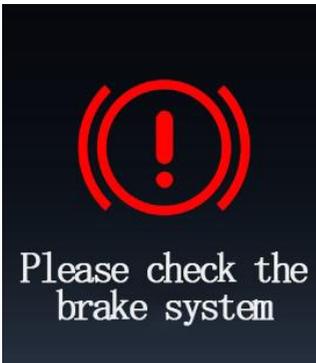
When the tire pressure system is malfunctioning, the meter lights up the malfunction

indicator . The instrument warnings "Please check the TPMS" for 5s. When the tire pressure is too high, too low, and the tire pressure sensor voltage is too low, the meter only lights up the yellow indicator  , Accompanied

by an warning tone. And automatically pop up the UI to display the corresponding tire malfunction information.

Warning10 : Braking system malfunction





When the Braking system malfunctions, the indicator lights up the malfunction

indicator , according to the cause of malfunction, make "Please add brake fluid", "IBOOSTER invalid", "Please check braking system" warning 5S, accompanied by an warning sound.

Warning11: Motor malfunction



When the motor is malfunctioning, the indicator

flashes or keeps on , At the same time "Please check the drive motor" warning 10s, accompanied by loud warning sound.

Warning12 : EPB system malfunction



When the EPB function is malfunctioning, the meter lights up the malfunction indicator



, At the same time, an "EPB system malfunction" warning is issued for 5S, accompanied by an warning tone.

Warning13:ABS malfunction warning



When the ABS anti-lock function is malfunctioning, the indicator lights up the malfunction indicator , at the same time, the "Please check ABS system" warning

Driving preparation and setting

5S, accompanied by an warning sound.

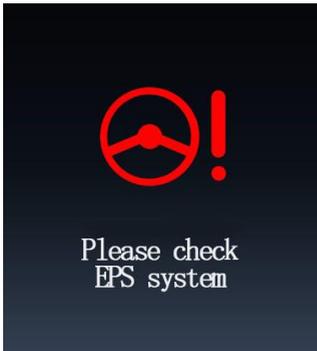
Warning14: Dynamic stability control/traction control warning



When the ESP function fails or the system is OFF, the indicator lights up the malfunction indicator , at

the same time, "Please check ESP system" or "ESP OFF" warning 5S.

Warning15 : Electric power steering(EPS)warning

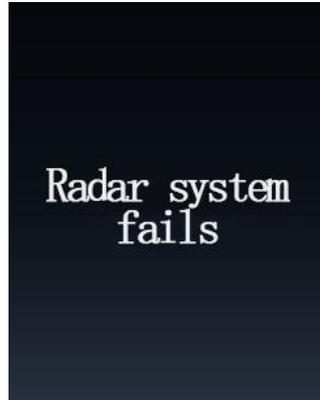


When the electric power steering system is malfunctioning, the meter lights up the malfunction indicator



, at the same time, "Please check the power steering system" warning 5S, accompanied by an warning sound.

Warning16 : Radar system malfunction warning



When the radar system is malfunctioning, the meter will give a "Radar system malfunction" warning for 5S, accompanied by an warning sound.

Warning17 : Insulation malfunction

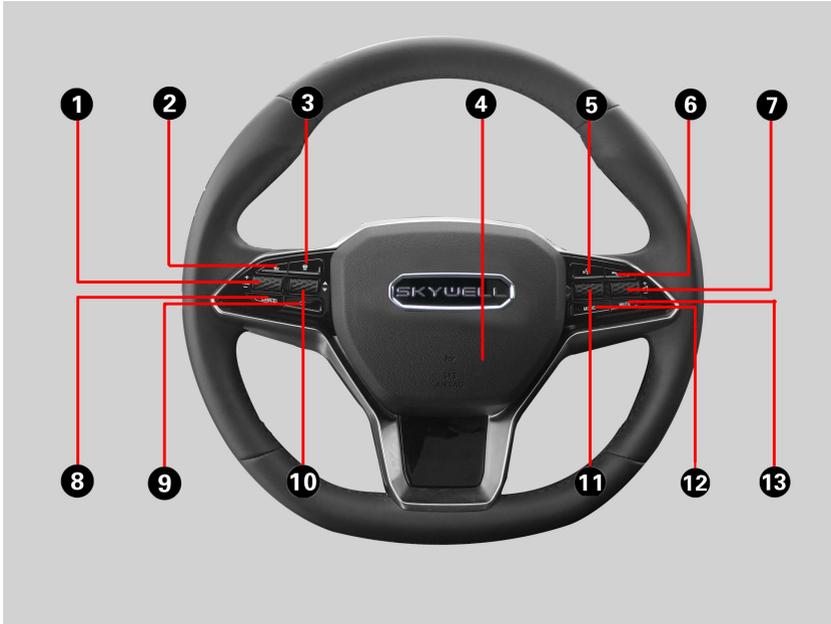


When the vehicle high voltage

system insulation malfunctions, the meter lights up the malfunction indicator , at

the same time, “Please check the insulation of the high voltage system” warning 5S.

Steering wheel



- | | |
|---|--|
| 1. Cruise reset ; Cruise speed+/- | 7. Volume +/- |
| 2. Cruise ON/OFF button | 8. Cruise cancellation button |
| 3. Active cruise distance adjustment+/-button | 9. Instrument confirmation/return button |
| 4. Horn device | 10. Instrument page up/page down |
| 5. Voice control button | 11. Previous/Next |
| 6. Bluetooth phone button | 12. MODE button |

13. Mute button

Horn device

Press the area near the horn device mark on the steering wheel to make the horn device sound.



Caution:

1. Do not use horn device in schools, hospitals, residential areas and other places;
2. Strictly abide by local regulations on the use of horn device in vehicles;
3. Do not press the horn device button for a long time, otherwise the horn device will be easily damaged.

Adjust steering

wheel

In order to make the driving process safe and comfortable, the tilt angle of the steering wheel can be adjusted.



1. Push down the steering wheel adjustment handle;
2. Adjust steering wheel angle and height to a comfortable position;
3. Stabilize the steering wheel while pushing back the steering wheel adjustment handle to the original position;
4. Check if the Steering wheel

shakes, if it shakes, repeat step 3.

 Warning:

1. The Adjust steering wheel is prohibited when the vehicle is driving, otherwise accidents may occur due to the driver's mismanagement;
2. After adjusting the steering wheel, you need to move the steering wheel up and down to confirm that it is firmly locked to avoid sudden movement of the steering wheel during driving, which may cause unnecessary injury and loss.

Rearview mirror

Inner rearview mirror



You should adjust the inner rearview mirror to a suitable position to ensure that the driver has the best view before driving. When adjusting, please manually turn the inner rearview mirror to the desired direction.



The inner rearview mirror has an anti-glare function, which reduces the reflection from the rear to make the rear view in the best observation state.

 Warning:

Do not adjust the inner rearview mirror when the vehicle is driving, otherwise the driver may not be able to control the vehicle, resulting in accidents and casualties.

Outside rearview mirror

Outside rearview mirror

folding(Mid-to-high models have this function)

When parking and driving, the outside rearview mirror can be folded.

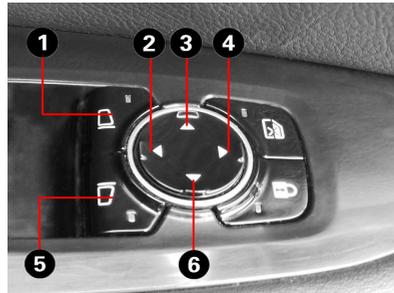
1. Operate FL WINDOW SW ASSEMBLY when button1 and button5 are not pressed, press button2 to execute the outside rearview mirror folding function.



2. Operate the rearview mirror folding/unfolding button on the multimedia entertainment system (see the multimedia manual for details)



Outside rearview mirror electric adjustment



button1: Left outside rearview mirror

button5: Right outside rearview mirror

Press button1 to adjust the left outer rearview mirror, adjust buttons 2, 3, 4, 6 until the left outer rearview mirror can observe the best view.

Press button 5 to adjust the right outside rearview mirror, adjust buttons 2, 3, 4, and 6 until the right outside rearview

mirror can observe the best view.

Reversing rearview

mirror turn

down(high-equipped)

Operation method:

1. The automatic flip function on the centre console is turned on;
2. Set the memory position of rearview mirror and seat on the centre console;
3. Hang in the R gear, adjust the rearview mirror on the right side to a suitable position (please cancel the rearview mirror selection after the adjustment is over);
4. Hang in the P gear and execute the rearview mirror recall function on the centre console;

After the above operations, the

initial setting of the rearview mirror memory function has been completed, and this function can be used normally afterwards.

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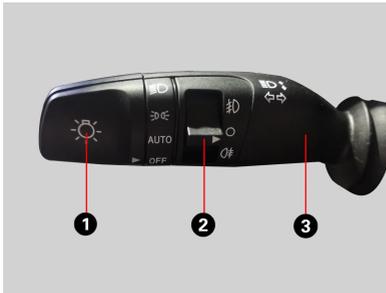
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Chapter 7: In-car function

Light operation

Light adjustment handle

Turn the light adjustment handle when vehicle power ON to turn on the following lights.

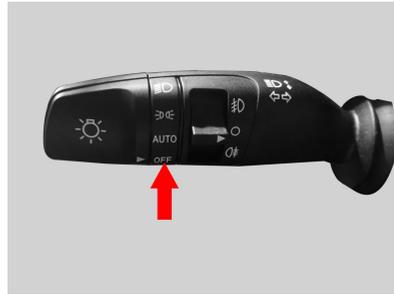


1. Light control handle
2. Fog light control switch
3. Light switch handle (control high/low beam and left and

right turn signals)

“OFF” position

Turn the light control handle to this position and all lights are turned off.

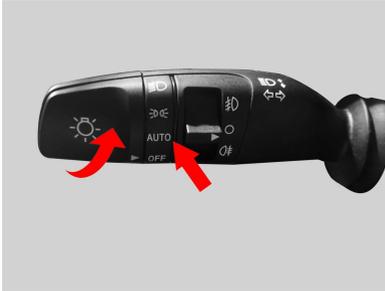


“AUTO” position

(only mid-high
model)

Turn the light control handle to this position, the position light is turned on, and the combination switch receives the brightness value of the light

intensity sensor collected by the BCM, and automatically controls the on and off of the low beam position light.



 **Caution:**

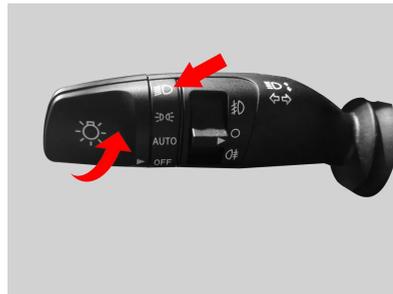
1. In special environments such as haze, heavy fog, etc., the automatic control function will be affected, please control the light manually.
2. The automatic control function will be restricted due to the external environment. When it cannot be used normally, please turn on the light manually according to the

needs in time.

“Low beam”

position

Rotate the light control handle to this position to light up the low beam, front and rear position lights, license plate lights, logo lights and vehicle button backlights, and the low beam indicator on the instrument cluster assy lights up.



“High beam”

position

Rotate the light control handle to the low beam position, turn the light combination switch to the side away from the steering wheel, the high beam will light up, and the high beam indicator on the instrument cluster assy will light up.



Move the light adjustment handle to the steering wheel and release, the high beam flashes once, and the high beam indicator on the instrument cluster assy flashes

once.

Laser headlight description (high-equipped only)

Opening conditions:

1. Speed $\geq 80\text{km/h}$;
2. Currently high beam is turned on.

When the above two conditions are met, the laser headlights are automatically turned on.

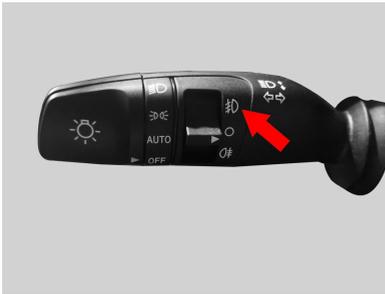
“Front fog light”

position (Only

mid-to-high model)

When the vehicle is powered on, turn the light control handle to low beam or position light position, and then turn the fog light control switch to "Front fog light" position, the front fog light lights up, and the front fog light indicator on the instrument cluster assy lights up; Turn the fog light control switch to the "○" position again or when the

vehicle is powered off, the front fog light will turn off; when the low beam or position light is turned off, the front fog light will turn off at the same time.



the rear fog light will be turned off; when the low beam is turned off, the rear fog light will be turned off at the same time.



Rear fog light

When the vehicle is powered on, the low beam or front fog light is already activated, turn the fog light control switch to the "Rear fog light" position to turn on the rear fog light, and the rear fog light indicator on the instrument cluster assy is on. Turn the fog light knob again to the "○" position or when the vehicle is powered off,

Left turn signal light

When the vehicle is powered on, move the light switch handle downwards, the left turn signal light turns on, the left turn indicator on the instrument cluster assy flashes and makes a "click" sound, and when the vehicle turns back to the positive direction, the left turn signal light will automatically return.

Right turn signal light

When the vehicle is powered on, move the light switch handle upwards, the right turn signal light turns on, the right turn indicator on the instrument cluster assy flashes and makes a "click" sound, and when the vehicle turns back to the positive direction, the right turn signal light will automatically return.



Warm reminders:

When need to change lanes:

1. Observe whether the road that is about to change

lanes meets the conditions for lane change. If the vehicles behind the lane change are very close, the lane cannot be changed;

2. When the conditions for changing lanes are met, the left (right) turn signal is activated for a short time, and after holding for 1 second, the direction is turned slowly and the speed remains stable;
3. After changing lanes, wait for the vehicle to enter the corresponding lane, pay attention to returning to the steering wheel, keep the speed stable, and keep a distance from the vehicle in front;

Warm reminders:

When need to overtake:

1. The driver should correctly judge the speed of the vehicle in front before overtaking, choose a

- straight and wide section with good sight line, barrier-free left and right, and no traffic within 150m of the section ahead to overtake;
2. Pay attention to the traffic situation on the left and observe the rear situation through the inner outside rearview mirror;
 3. Turn on the left turn signal light when it does not affect the normal driving of other vehicles, choose a reasonable time, and overtake from the left side of the overtaken vehicle; at the same time, shortly activate the flash switch of the combination switch light handle twice to remind the vehicle in front that there is a vehicle behind overtaking;
 4. Pay attention to the side head to observe the dynamics of the overtaken vehicle and maintain a lateral safety distance when overtaking. After overtaking, if the normal driving of the overtaken vehicle is not affected (after 20-30m after the overtaken vehicle), turn on the right turn signal light, and close the turn signal light after driving back to the original lane;
 5. Stop overtaking when the vehicle in front is not slowing down. Keep a safe distance from the vehicle in front, or slow down, or change lanes;
 6. Always pay attention to the driving situation of the rear vehicle while driving. When the vehicle behind signals overtaking, slow down when the conditions for giving way are available, turn on the right turn signal light, and give way to the right.

 **Warning:**

Any of the following prohibited overtaking:

1. It is found that the vehicle in front is overtaking while overtaking (or turning left or turning around). Slow down and let the vehicle in front overtake first;
2. There may be a meeting with the opposite car;
3. The vehicle in front is a police car, fire engine, ambulance, or engineering rescue vehicle performing emergency tasks;
4. Passing the railway crossing, intersection, narrow bridges, corners, steep slopes, pedestrian crossings, road traffic and other large urban areas there is no condition for overtaking.

 **Warm reminders:**

The turn signal may not

automatically return during a small angle steering, you need to manually restore the turn signal to the original position.

Hazard warning lights

Press the hazard warning lights switch on the central control panel to turn on the hazard warning lights, the left and right turn signal lights will flash, and the hazard warning lights will sound at the same time. Press again to turn off the hazard warning lights.



 **Warm reminders:**

Regardless of whether the vehicle is powered on or powered off, hazard warning

lights can be turned on.

displays "R" gear.

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Brake light

1. Emergency braking:

When the vehicle is running at a speed of >50km/h, the brake light flashes during emergency braking.

- When the vehicle is stopping or driving, step on brake pedal, brake light will turn on.



Ambient light

When the vehicle is powered on, first turn on the main switch of ambient light, and then turn on the ambient light switches of the front and rear rows in turn, the instrument panel and the four doors of ambient light will light up.

Adjust the ambient light color bar, the ambient light color will change accordingly. Adjust the ambient light brightness bar, the ambient light brightness will change accordingly.

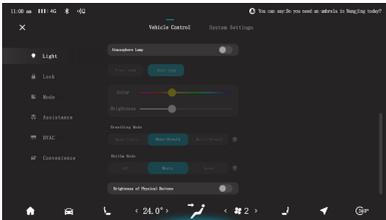
When the ambient light

Reversing light

The gear is at "R", the back door combination light reversing light is on, and the instrument cluster assy

welcome mode switch is turned on, if the driver door is opened, the ambient light breathing lights up.

When the ambient light music rhythm switch is turned on, if the music is turned on, the ambient light changes with the music.



When the ambient light speed regulation switch is turned on, the ambient light follows the change of the vehicle speed.

When the ambient light monochrome/multi-color breathing switch is turned on, the ambient light breathing is on.

Dome light

1. Press the front and rear

dome light on/off buttons to turn on/off the dome light;



2. Open the door, the front and rear dome lights will automatically light up and go out after 1 minute, or the whole car will be powered off or locked, and the front and rear dome lights will go out immediately.

Open the door or press the left and right switch buttons of the front dome light, the front dome light is normally turned on/off.

Open the door or press the rear dome light left and right switch buttons, the rear dome light will normally turned on/off.



Luggage carrier light

Open tailgate, luggage carrier light will light up, and it will go out automatically after 3 minutes.

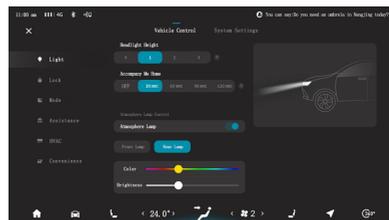


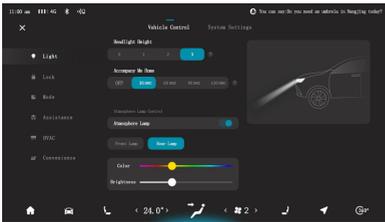
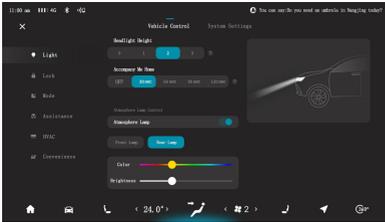
Backlight

When the position light is turned on, the backlight of the vehicle lights up.

Through the large screen backlight adjustment button, the brightness of the backlight of the vehicle switch can be adjusted.

Headlight height adjustment





The headlight height can be adjusted through the centre console headlight height adjustment function, divided into four gears, which can be set according to the driver's use.

Lamp fogging

instructions

When the weather is cold or humid, fog will form inside the light, which is a natural physical phenomenon caused by the temperature difference

between the inside and outside of the light. When the light is turned on for a period of time, the internal fog will gradually disappear, and there may still be some fog on the edge of the light, which is normal. This fog has no effect on the service life of the lighting system. When the vehicle light produces fog, turn on the far/low beam, the fog on the inner surface of the light distribution lens of the light gradually starts to disappear, and the fog disappears naturally after a period of time, which is a normal phenomenon.

Follow me home

When the following conditions are met: the vehicle is powered off, the large screen function switch is activated, and the overtaking switch is activated within 2 minutes (less than or equal to 2s).

Follow me home function is

turned on, low beam, position light, license plate light, and LOGO light are on for 30s.

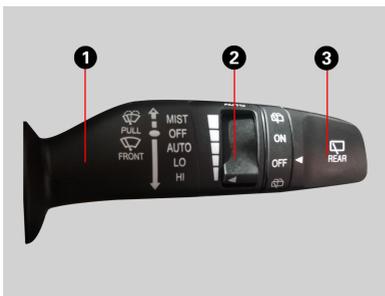
Lead me to the vehicle

When the following conditions are met:

1. Vehicle is powered off;
2. Lead me to the vehicle function is turned on;
3. Receive unlock signal.

The lead me to the vehicle function is turned on, and the low beam, position light, license plate light and LOGO light are all lit for 60s.

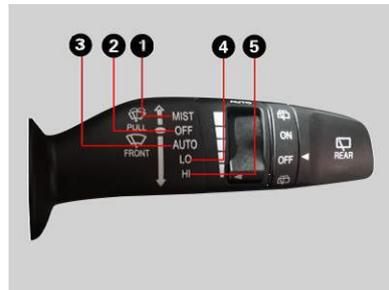
Wiper



1. Front wiper control handle
2. Intermittent wiper sensitivity adjustment switch
3. Rear wiper control handle

Front wiper operation

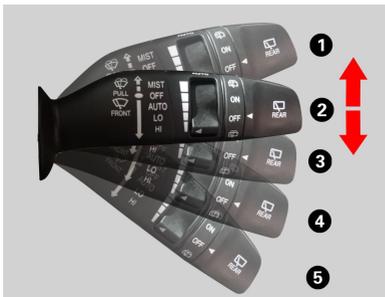
The wiper adjustment handle is used to control the front and rear windshield wipers and scrubbers. The front windshield wipers are divided into five gears.:



1. MIST: Single action
2. OFF: Stop mode
3. AUTO : Automatic mode (INT for low model)
4. LO: Low speed wipe mode
5. HI: High speed wipe mode

Single action(MIST)

When the vehicle is powered on, turn the wiper switch to single action (1position in the figure), and the BCM drives the wiper motor to move at low speed (45r/min) once.



Intermittent low speed mode (INT for low configuration)

When the wiper switch is turned to INT, BCM activates the intermittent wiper mode and drives the wiper motor to work intermittently. The wiper sensitivity switch has 5 blocks, which are 2s, 4s, 6s, 8s, 13s from top to bottom, and the wiper works at low speed according to different intermittent

times.



Stop mode(OFF)

When the wiper switch is turned OFF (2position in the figure), the wiper will return to the stop position.

Automatic mode (AUTO)

When the wiper switch is set to AUTO (3position shown in the figure), BCM will control the wiper speed according to the amount of rain.

Low speed mode (LO)

When the wiper switch is turned to LO (4position shown in the figure), the BCM drives the wiper motor to act at low speed (45r/min).

High speed mode (HI)

When the wiper switch is set to

HI (5 position in the figure), BCM drives the wiper motor to move at high speed (60r/min).

Rear wiper

operation

Turn the wiper adjust handle to ON, and the rear washing starts to work;

When the front wiper is turned on, if the gear is in "R" gear, the rear wiper will automatically turn on;

When the rear wiper is working, if the rear door is opened, the rear wiper will stop working. After the rear door is closed, the rear wiper will continue to work.



Convenient wiper service

After the vehicle is powered off, the right handle of the combination switch is operated above MIST/Lo 2s to realize the wiper repair function.

Front washing

operation

When the vehicle is powered on and the front door is closed, turn on the front washing switch ($\geq 300\text{ms}$), if the wiper switch is in OFF, INT, AUTO, or LO, the washing liquid will be sprayed and the wiper motor will work at low speed;

If the wiper switch is in the HI block, the washing liquid will be sprayed and the wiper motor will work at high speed.

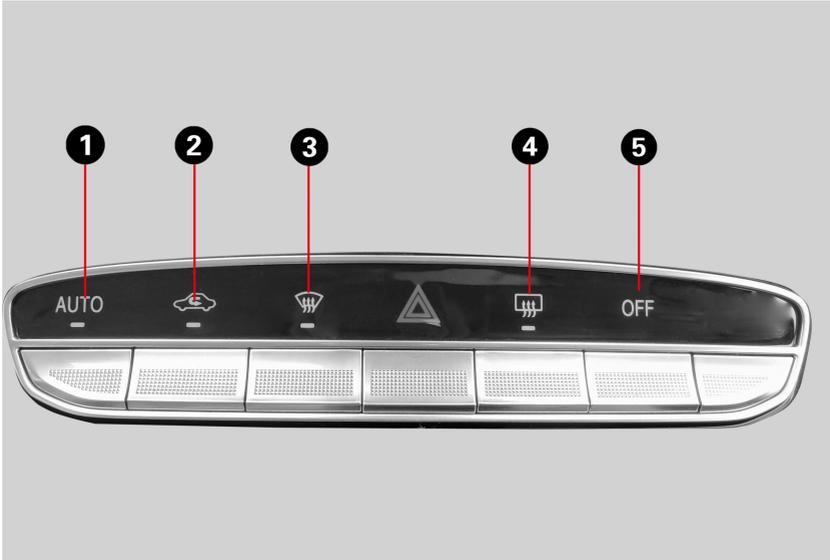


Rear washing operation

When the vehicle is powered on, turn on the rear wiper switch ($\geq 600\text{ms}$), the rear washing and wiper will always work, release the switch to stop working;



Air conditioning



1. AUTO button
2. Inner and outer loop switch
3. Front defrost button
4. Rear defrost button
5. Air conditioning OFF button

Button function

definition

“AUTO” button

When you press the "AUTO" button, the indicator lights up and air conditioning enters the automatic mode.

In the automatic mode, the air conditioning system will select the most suitable air volume, air outlet mode and compressor on/off status according to the set temperature.

If in automatic mode, pressing any manual control button will cause air conditioning to exit the automatic control mode, and the automatic indicator will go out.



“Inner loop” button

Press the "Inner loop" button, the indicator lights up, and the air inlet mode is inner loop.



 Warm reminders:

1. Inside and outside loop switching: the air inside the car is self-loop and the air inside and outside the car is exchanged for external circulation.

“Front defrost” button

Press the "Front defrost" button. The button indicator lights up, and the air flow mainly blows to the windshield and side windows. Press it again, the "Front defrost" button indicator goes out, and the air outlet mode, air inlet mode, fan gear, and compressor control state return to the state where the air conditioner was last turned on, not front defrost.

When air conditioning is off, press the "Front defrost" button to turn on air conditioning.



“Rear defrost” button

When the vehicle is powered on, press the "Rear defrost" button or the ambient temperature outside the

vehicle is detected to be lower than 15°C and the temperature difference between indoor and outdoor is $\geq 6\text{ }^{\circ}\text{C}$, the rear defrost function is turned on, the indicator lights up, and the rear window defroster starts to work. At the same time the left and right outside rearview mirrors are heated (high-equipped only), and will automatically shut down after 15 minutes.



“ Air conditioning OFF ”

button

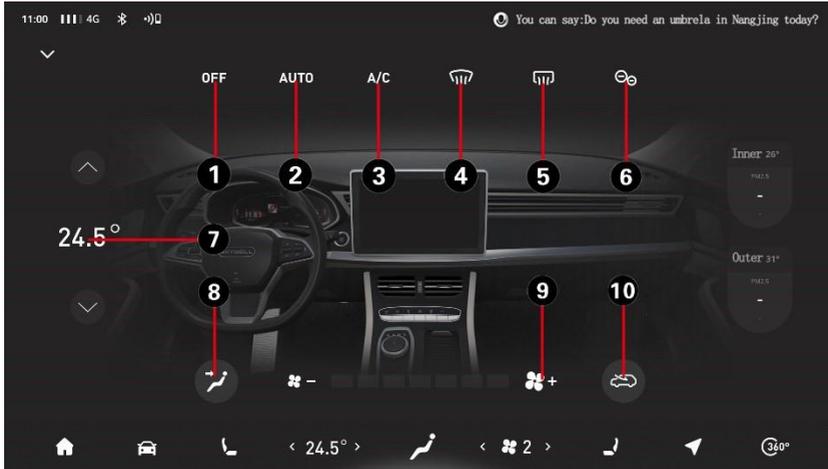
When air conditioning is turned on, press the "Air conditioning OFF" button to turn off the air conditioning system.



 Warning:

When cleaning the inside of the window, do not scratch or damage the heating wire or connectors.

Centre console controls air conditioning



1. Air conditioning “ OFF ” switch
2. Air conditioning “ AUTO ” switch
3. Compressor switch
4. Front defrost switch
5. Rear defrost switch
6. Anion switch
7. Temperature adjustment
8. Blowing mode selection
9. Blowing gear adjustment
10. Internal and external loop

Compressor switch

Press the compressor button to turn on air conditioning, and press the compressor button again to turn off air conditioning, and the air conditioning system continues to work.

Anion switch

Press the anion switch, the air conditioning system will purify the air in the car.

Air conditioning temperature adjustment

Air conditioning temperature adjustment can operate the temperature adjustment switch on the centre console, with a minimum of 18 degrees and a maximum of 32 degrees. Air conditioning heating is not supported when the ambient temperature is above 22 degrees.

“Blowing mode selection” button

Press the "Blowing mode selection" button on the centre console to select the blowing

mode.

Air flow mainly blows towards the face



Air flow mainly blows to the face and legs



Air flow mainly blows to the legs



Air flow mainly blows forward

windshield and legs



Air flow mainly blows forward windshield



Blowing gear adjustment

The blowing gear can be adjusted by controlling the blowing gear adjustment switch on the centre console, with a total of 7 adjustable gears.



Warm reminders:

1. Air conditioning odor:

When the air conditioning is just turned on, the wind blown by the air conditioning

may have a damp and mildew odor, and it is normal for the air conditioning to produce odors. During the use of car air conditioning, the evaporator is easy to adhere to the air conditioning condensate, and the humid evaporator is also easy to absorb unfiltered human sweat and smoke in the car. If the condensed water on the evaporator does not dry out, the surface of the dark and humid evaporator is easy to grow mold, and the mold can easily produce odor after prolonged fermentation.

2. Methods to prevent air conditioning odor:

Turn off the air-conditioning and ventilate the natural wind before parking, keep it relatively dry;

Regularly inspect, clean or replace the filter;

Try to keep the cabin clean and fresh air.

3. If the odor prevention

method is used and the odor persists, it is recommended to contact Jiangsu Skywell authorized service provider for repair.

 **Caution:**

1. Air conditioning temperature in winter is recommended to be less than 26°C.

Air outlet

Tuyere assy

Tuyere assy can adjust the direction of air outlet by flipping the paddle up and down, and adjust the air volume by adjusting the roller.



Outlet assy LH

Outlet assy LH can adjust the wind direction by flipping the paddle up and down, and adjust the air volume by adjusting the roller.



Outlet assy RH

Outlet assy RH can adjust the wind direction by flipping the paddle up and down.



CNSL RR air duct assy

CNSL RR air duct assy can

adjust the wind direction by flipping the paddle up and down, and adjust the air volume by adjusting the roller.



Air purification system

The air conditioning system is equipped with a plasma generator, which can sterilize and deodorize the air in the cab, creating a comfortable and fresh driving space for you.

 Warm reminders:

1. The vehicle-mounted PM2.5 detected is the short-term PM2.5 value of the nearby air of the

vehicle carrying the equipment, which should be different from the daily or real-time air PM2.5 concentration issued by the state and relevant government departments;

2. The frequency of PM2.5 detection should be reduced in the following environment;

- ▶ Extremely harsh environments such as sandstorms;

- ▶ Cold area (ambient temperature $< -20^{\circ}\text{C}$);

- ▶ High humidity environment (relative humidity $> 90\%$);

- ▶ Alternating temperature environment (easy to condense), such as driving from a cold environment into a higher temperature indoor or parking lot.

3. When the internal filter of the vehicle-mounted PM2.5 detector is dirty, it will

seriously affect the accuracy of the test, and it should be maintained in time.

4. Air conditioning filter replacement cycle: It is recommended to replace it once in 12 months or 20000 kilometers (whichever comes first)

Central control

lock function

Central control

lock

1. When the power supply position is ON or the power is turn off within 60s, the state of the four doors remains unchanged, and the central control lock switch in the car is triggered to lock the four doors;
2. If the power is OFF and the
3. If the power is OFF, press the remote control "Fortify" button when the door is open (including the luggage compartment door), the four doors will be locked and then unlocked, the electric horn will beep twice and the turn signal will flash twice;
4. When the power position is ON or the power is turned off within 60 seconds and the door is opened (not including the trunk door), touch the central locking button in the car, and the four doors will be locked and then unlocked.

four doors are closed, press the " Fortify " button on the key, the four doors will be locked, the turn signal will flash once, and the rearview mirror will be folded (mid-high configuration);

Central control unlock

1. When the power is ON or the power is turned off within 60S, the four doors are locked, and the four doors can be unlocked by touching the central control lock switch in the car;
2. In the fortify state, press the "Unlock" button on the key to unlock the four doors, at the same time the turn signal flashes twice, and the rearview mirror expands (mid-high configuration);
3. If the power is OFF and the doors are open (including the luggage compartment door), press the remote control "Unlock" button to unlock the four doors.

Automatically lock when driving

IGN ON, the door lock is in the unlocked state, the vehicle speed is detected to be greater than 20km/h, and the four doors are locked.

Automatically unlock when parking

The door is locked and the vehicle speed is 0, the power switch position is changed from ON to OFF, the four doors will be unlocked.

Collision unlock

IGN ON, BCM detects a valid collision signal and executes unlocking.



Caution:

1. After BCM detects a valid

collision signal, BCM will execute central control unlock 2 times with an interval of 2 seconds (independent of door status).

2. Within 30 minutes after the BCM detects a valid collision signal and the hazard light and dome light work, the lock action is prohibited; the key is turned OFF and then turned ON to cancel the lock prohibition.

Lock motor

thermal protection

If there are more than 10 lock actions within 25s, the lock action is prohibited for 30s (all lock actions are prohibited). Within 30s of protection, make sure that the last command is unlocking instead of locking (if it is unlocked, the central control lock will not perform

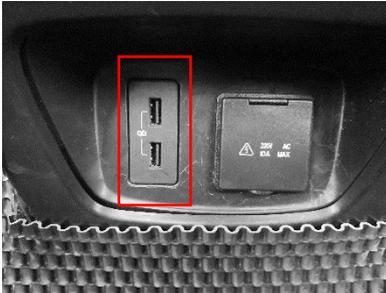
any action, if it is locked, it is allowed to unlock once); within 30s of protection, if the collision conditions are met, BCM will execute the central control unlock described in the collision unlock.

Power outlet

USB

When the vehicle is powered on, it can be charged by connecting the USB interface.





12V power supply

The 12V power supply is located on the left side of the sub-instrument. When the vehicle is powered on, it can be discharged through this socket.

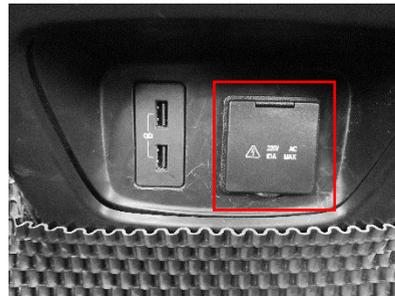


220V power supply

The 220V power supply is located at the rear of the sub-instrument, under the

CNSL RR air duct assy. When the vehicle is powered on, turn on the "Allowed discharge" switch on the large screen to use electrical equipment through this socket.

Maximum support current: 10A



 **Warning:**

1. It is strictly forbidden to insert metal terminals and wires into socket jacks;
2. The use of fake products is strictly prohibited;
3. Please use medical or healthcare electronic equipment with caution;
4. Do not touch the socket with water on your hands;
5. It is strictly forbidden to

allow minors to touch or use the device, and do not allow minors to approach it during use;

6. Before the vehicle is powered off or on, the charging equipment connected to the USB power interface should be disconnected to avoid damage to the electrical equipment due to voltage fluctuations;
7. When there is no one in the car, it is forbidden to use the USB power port. Improper use of USB power interface may cause fire;
8. Prohibit the use of high-power electrical equipment.

Wireless charging

Wireless charging is under the sub-instrument.



Door map pocket

There is a map pocket on each door trim assy, which can be used to store sundries.



Front seat rear

storage bag

There is a storage bag behind the front seat, which can be used to store books, newspapers and other items.



Chapter 8: Use and driving

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Chapter 8: Use and driving

Charge and discharge

Safety instructions

Electric vehicles have a high voltage system. If the vehicle is used improperly, it may cause electric shock and fire hazards to drivers and operators.



Warning:

Please observe the following matters, otherwise it may cause serious personal injury or even death:

1. Do not touch the power battery;
2. Do not spray high voltage components directly with water spray pipes and high

voltage cleaning devices;

3. Personnel without high voltage qualification cannot disassemble and repair high voltage components and high voltage wiring harness;
4. Do not disassemble, remove or replace high voltage components, cables or connectors without authorization. High voltage cables are marked as orange for easy identification;
5. In the event of a fire accident, immediately contact the local fire rescue department.

AC charging

Start charging

1. Park the vehicle in the AC charging area, turn the gear to P, and apply the parking brake.
2. Please check before charging:

The charging equipment is not scratched, rusted, cracked, or the vehicle plug, cable, control box, wire, and power plug surface are not damaged; if the charging equipment or the charging connection device surface is damaged, rusted, cracked or the connection is too loose, do not charge;

When the power plug or vehicle plug is dirty or wet, wipe the plug with a dry and clean cloth to ensure that the charging plug is dry and clean.



3. Take out the charging connection device and correctly connect it to the charging port of the charging pile.



4. Press the AC charging port cover on the left wing to open the charging port cover, open the charging port protection cover, and confirm that the vehicle charging port is normal.





5. Correctly connect the charging gun to the charging port until you hear a "click" sound to lock the charging gun, and the charging connection indicator on the instrument cluster assy will light up.



Charging pile indicator status

1. Steady green light: waiting for charging , charging to complete;

2. Yellow light: Start charging;
3. Flashing green light: charging;
4. Steady red light: charging pile malfunction.

Charging port electronic lock unlocking method

1. After unlocking the anti-theft with the key, press the unlock switch on the charging gun to unlock the electronic lock to unplug the charging gun;
2. After the vehicle is fully charged with AC charging, the electronic lock is automatically unlocked. Press the unlock switch on the charging gun to unplug the charging gun.

Stop charging

1. Make sure the charging port electronic lock is unlocked.
2. Press the lock release button on the charging gun and pull out the charging gun, the charging

connection indicator on the instrument cluster assy goes out.



3. Close the protective cover of the AC charging port, and then close the AC charging port cover.



4. Press the lock release button and pull out the charging gun from the charging pile, and put away the AC charging

connection device for safekeeping.

 Warm reminders:

1. When charging with the on-board AC charging gun, make sure that the household charging socket is well grounded;
2. At present, the onboard AC charging gun has a different order of plugging in the gun and plugging in the plug. Two charging modes are provided: if the household socket is not grounded, you can plug in the gun first and then plug in to achieve ungrounded down-current charging.

 Warning:

It is forbidden to unplug the charging equipment during charging to prevent danger. If you want to unplug the charging equipment, please end the charging first.

DC charging

Start charging

1. Park the vehicle in the DC charging area, turn the gear to P, and apply the parking brake.
2. Please check before charging:

The charging equipment is not scratched, rusted, cracked, or the vehicle plug, cable, control box, wire, and power plug surface are not damaged; if the charging equipment or the charging connection device surface is damaged, rusted, cracked or the connection is too loose, do not charge;

When the power plug or vehicle plug is dirty or wet, wipe the plug with a dry and clean cloth to ensure that the charging plug is dry and clean.

3. Take out the charging connection device and correctly connect it to the charging port of the

charging pile.



4. Press the DC charging port cover on the right fender of the vehicle, open the charging port protection cover, and confirm that the vehicle charging port is normal.





5. Correctly connect the charging gun to the charging port until you hear a "click" sound to lock the charging gun, and the charging connection indicator on the instrument cluster assy will light up.



Stop charging

1. After finishing charging and swiping the card, the electronic lock on the DC

charging gun is unlocked and pressing the lock release button on the charging gun to pull out the charging gun, the charging connection indicator on the instrument cluster assy goes out.



2. Close the protective cover of the DC charging port, and then close the DC charging port cover.



**Warm reminders:****1. Grounding description:**

The equipment must be well grounded. If the charging equipment malfunctions or is damaged, the grounding wire can provide the smallest impedance circuit to discharge to reduce the risk of electric shock.

2. Before unplugging the vehicle plug, please unlock the vehicle to release the electronic lock of the vehicle port, and pull out the vehicle plug within 30s, otherwise the electronic lock of the vehicle port will be locked again.

3. During the DC charging process, the vehicle checks the insulation of the vehicle's high voltage system and monitors the connected charging piles, poor grounding of the charging piles will affect the

charging of the vehicle..

- 4.** In order to avoid problems such as inability to charge due to charging pile malfunction, try to use special call, star charging, national grid and other charging piles with regular maintenance for charging.

**Caution:**

- 1.** After charging, you cannot pull out the gun without unlocking.

**Warning:**

- 1.** It is forbidden to unplug the charging equipment during charging to prevent danger. If you want to unplug the charging equipment, please end the charging first.
- 2.** It is strictly forbidden to modify, disassemble or repair the charging equipment.
- 3.** It is strictly forbidden to use

- additional wires or adapters/adapters.
4. Do not touch the plug with water on your hands.
 5. It is strictly forbidden to use the device when the household plug wire becomes soft, the vehicle plug cable is worn, the insulation layer is cracked, or any other damage.
 6. It is strictly forbidden to use charging equipment when the protective packaging or the charging port of electric vehicles is disconnected, cracked, opened or shows any damage.
 7. It is strictly prohibited for minors to touch or use the device.
 8. The highest operating environment temperature: 50°C.
 9. When charging in rain, please protect the charging device to avoid water.
 10. When charging fails or

there is an abnormality, please stop charging immediately. It is recommended to contact Jiangsu Skywell authorized service provider.

Charging port electronic lock

Charging port electronic lock is used to lock the charging gun to prevent the charging device from being stolen when unattended.



Caution:

1. When the charging port electronic lock is in the locked state, it is prohibited to pull out the charging gun, otherwise it may damage the charging gun or the vehicle.
2. When charging in an unattended environment, please lock the charging port electronic lock to

prevent the charging device from being stolen.

220V vehicle

external discharge

1. Vehicle power on
2. Plug in charging gun
3. Turn on the "Allow Discharge" switch on the big screen
4. Start discharge

Use essentials

Break-in period

If the powertrain is difficult to start or frequently stops rotating, check the vehicle immediately.

If there is an abnormal noise in the powertrain, stop and check. If there is a serious leakage of antifreeze and lubricating oil in the powertrain, stop and check. The powertrain needs to be break-in. It is recommended to run-in for the first 2000km in

ECO mode, drive smoothly, avoid high-speed driving, and follow the simple guidelines below to effectively extend the service life of the vehicle:

1. When starting and driving, avoid stepping on PEDAL ASM BRK&ACCEL&CLU to the end.
2. Avoid vehicle speeding during use.
3. Avoid emergency braking within the first 300km.
4. Do not drive fast or slow at a single speed for a long time.

Do not tow other vehicles within the first 2000km.

Trailer towing

Towed trailers will have adverse effects on handling, performance, braking, durability, economical driving and power consumption.

The safety and comfort of driving depends entirely on the correct use of equipment and

the habit of careful driving.

For the safety of yourself and others, do not overload the vehicle or trailer.

Tire

Ensure tire has proper air pressure.

How to save electricity and extend the service life of the vehicle

1. Driving at a constant speed helps to save energy. Rapid acceleration, sharp turns, and rapid braking will consume more power.
2. According to the traffic conditions, try to maintain a uniform speed, every time the vehicle decelerates or accelerates, additional electrical energy will be consumed.
3. Try to keep driving at the highest grade to make the motor run and accelerate more smoothly.
4. Turning on air conditioning will add extra load to the motor, which consumes more electricity. Turn off air conditioning to reduce power consumption. When the air temperature outside the car is suitable, the outdoor circulation mode should be used to supply air.
5. Maintain the correct tire pressure. Insufficient tire air pressure will cause tire wear and waste of electricity.
6. Avoid loading unnecessary heavy objects on the vehicle. Too much weight will increase the load of the powertrain and cause the consumption of a lot of energy.
7. Do not put your feet on

brake pedal, which will cause excessive wear, overheating and consumption of large amounts of electric energy of the brake friction pads.

8. Maintain a proper speed on the highway. The higher the speed, the more power consumption. Keep the vehicle speed within the economic speed range to save electricity.
9. The front wheels should maintain correct positioning. Avoid collisions with side stones, and drive slowly on rough roads. Inaccurate positioning of the front wheel will not only cause excessive wear of tire, but also increase the load on the powertrain, thereby increasing the electrical energy.
10. The chassis of the car should be kept clean and free of mud and other

substances. This not only reduces the weight of the car body, but also prevents corrosion.

Carry luggage

This vehicle is equipped with multiple convenient storage spaces, so that you can conveniently place items.

Storage boxes, Zlove boxes, map pockets, etc. are designed for storing small and light items, while luggage boxes are used to store heavier and larger items.

Load limit

When loading luggage, the total mass of the vehicle body, all passengers, and luggage must not exceed the maximum allowable mass.



Warning:

Overloading and improper loading will affect the maneuverability and stability of the vehicle, and may cause a

crash.

Carrying items in the crew area:

1. All items that may be thrown into the car and hurt the occupants during the collision must be stowed or secured.
2. Do not store any items on the rear window sill, otherwise it will obstruct and interfere with your line of sight, and will be littered everywhere in the car during collision.
3. It is necessary to ensure that items placed on the floor behind the front seat will not roll under the seat to avoid affecting the driver's ability to operate the pedal or the normal adjustment of the seat. Do not push the cargo beyond the back of the front seat.
4. When driving, make sure that the Zlove box is always closed. If the outer panel of the Zlove box is

open, the knees of the occupants may be injured in a collision or emergency stop.

Carry luggage on the suitcase:

1. Place the luggage evenly on the floor of the luggage compartment, and place the heaviest luggage on the bottom and as far forward as possible.
2. Use a rope or chain to secure the object so that it will not move during driving. Do not make stacked items higher than the back of the front seat.

Fire prevention

1. It is prohibited to store flammable and explosive materials in the car:

In the hot summer, the internal temperature of a vehicle parked in the sun can be as high as 60~70°C. If there are lighters, detergents, perfumes and other flammable

and explosive items in the car, it is very easy to cause fire or even explosion.

2. After smoking, make sure that the cigarette butts are completely extinguished:

If the cigarette butt is not completely extinguished, it may cause a fire.

3. It is recommended to regularly check with Jiangsu Skywell authorized service provider:

The entire vehicle line should also be checked regularly to see if the connectors, insulation and fixed positions of electrical appliances and wiring harnesses are normal. If problems are found, they should be dealt with in time.

4. It is forbidden to modify the vehicle circuit and install electrical components:

The installation of other electrical appliances (such as high-power audio, xenon

headlights, etc.) will cause excessive line load, and the wiring harness will easily heat up and cause fires.

It is strictly prohibited to use insurance or other metal wires that exceed the rated specifications of the electrical appliance to replace the insurance.

5. Choose the correct parking position:

When parking, try to avoid places exposed to the sun.

6. Always keep a portable fire extinguisher in the car, and master the method of use:

In order to ensure the safety of the vehicle, a fire extinguisher should be equipped on the vehicle, and it should be regularly inspected and replaced; at the same time, it is necessary to be familiar with the use of the fire extinguisher and be prepared for trouble, so as to avoid being helpless in the event of an

accident.

7. When the vehicle is being repaired or maintained, the battery negative pole needs to be disconnected.

Starting and driving

Preparation before driving

1. Check the surroundings of the vehicle before getting on the vehicle.
2. Adjust the seat position, seat back angle, head pillow height and steering wheel angle.
3. Adjust the angle of inner rearview mirror and outside rearview mirror.
4. Close all doors.
5. Attach the seat belt.

Safety check

before driving

Vehicle exterior

Wheels: Check the tire pressure with a tire pressure gauge, and carefully check the tire for cuts, damage or excessive wear.

Wheel nut: Confirm that the nut is not loose or missing.

Lighting: Confirm that all headlights and turn signals are working.

Vehicle interior

Seat belt: Check whether the buckle can be fastened firmly. Confirm that the seat belt is not worn or scratched.

Instrument cluster assy: In particular, make sure that the maintenance tips indicator, instrument lighting and defroster are working properly.

Braking: Confirm that brake pedal has enough space for movement.

Inside the front cabin

Spare fuses: Make sure that various fuses are available, with specifications for various rated charges in the fuse box.

Antifreeze, brake fluid, washing fluid level: confirm that the antifreeze, brake fluid, and washing fluid levels are correct.

Start and stop



Description of each display status of ignition switch:

1. indicator is not bright (OFF)
In this position, the power system is off;

2. Yellow light(ON)

This position allows electrical accessories such as electric

windows and large screens to work;

This position allows the air conditioning system to work;

In OFF state, do not step on brake pedal, press the ignition switch once, it will enter the ON state;

3. Green

light(START/READY)

The vehicle can drive and start;
All electrical equipment can work;

When the ignition switch shows the yellow light state, step on brake pedal, press the ignition switch again, the green light will be on, and the meter will display the READY state, vehicle is in a drivable state;

Two ways to start:

1. Press the ignition switch once, the vehicle is in the ON gear, step on brake pedal and press the ignition switch again, the instrument displays the READY state, vehicle is in

a drivable state;

2. Depress brake pedal and press the ignition switch once. The meter displays the READY state, vehicle is in a drivable state.

Turn off the power system:

1. After stopping the vehicle safely, step on brake pedal;
2. Set the vehicle shift knob to P gear;
3. Press the ignition switch button to turn off the power system.



Caution:

1. Do not operate the ignition switch again within 15 seconds after the vehicle is turned off the power system to avoid damage to the power battery relay;
2. Do not perform frequent power-on and power-off operations to avoid damage to the power battery relay.

Shift control



Operation gear knob

In the vehicle READY state, step on brake pedal, and turn the gear knob from P gear to D gear.

Release the parking brake, release brake pedal, and drive the vehicle slowly.

Gear description

The driver has 5 gears (P, R, N, D, S) to choose during the operation, the selected gear displays the corresponding gear information in the instrument cluster assy.

P gear is a parking gear, at this position, the EPB system is

activated.

The R gear is the reverse gear, which controls the vehicle to drive backwards, the reversing light will be lit, and the reversing radar system and the reversing imaging system will also work.

The N gear is neutral, the motor drive system is in a follow-up state, and the wheels and transmission system are not locked. When parking on a slope, step on brake pedal or apply the parking brake to prevent the car from rolling.

D gear is the driving gear, which controls the vehicle to move forward.

The S gear is a sports gear, and the gearbox can be shifted freely, allowing the vehicle to obtain a larger torque output and enhancing power.

The initial gear after the vehicle starts is P gear, and it can be directly switched to any gear from P gear. The brake needs

to be depressed and the vehicle speed is $\leq 2\text{km/h}$.



Caution:

1. When the shift knob is turned to the "P" position, in order to avoid damage to the transmission, it must be turned to the "P" position after the vehicle is completely stopped;
2. When driving, the vehicle is allowed to switch from D gear to S gear, and from S gear to D gear, and other gear shifting operations are not allowed.



Warning:

1. If the motor is running and the "R"/"D" gear is engaged, be sure to step on brake pedal to stop the vehicle, because even in idling conditions, the transmission can still transmit power and the vehicle may move slowly.

2. If you change gears while driving, do not step on PEDAL ASM BRK&ACCEL&CLU to prevent accidents. Do not switch the gear to the "R" gear or press the "P" gear button while the vehicle is driving to prevent accidents.
3. To prevent the vehicle from moving unintentionally, press the electronic handbrake button after the vehicle has stopped.

Electronic parking

Make sure that the electronic handbrake switch is in the pulled up state when parking and leaving.

Pull up the electronic handbrake switch, at the same time the electronic handbrake switch indicator lights up, and the electronic handbrake indicator lights up on the meter.

Driving essentials

1. Drive slowly in headwinds, so that it is easy to control the vehicle.
2. When driving onto the curb shoulder, you should be slow and maintain the correct angle as much as possible. Avoid driving on objects with high and sharp edges or other road obstacles, otherwise it will cause serious damage to the tire.
3. Slow down when driving on bumpy roads or on bumpy roads, otherwise, the impact will seriously damage the wheels.
4. Washing the vehicle or driving through deep water will make the brakes wet. Drive carefully and lightly step on brake pedal to dry the brakes.



Warm reminders:

1. Make sure that the electronic parking is fully released and the parking brake indicator light goes out before driving.
2. Do not leave the vehicle while the drive motor is running.
3. Do not put your feet on brake pedal while driving. This will lead to dangerous overheating, abrasion and waste of electrical energy.
4. When driving down steep slopes for long distances, slow down and shift to a low gear. It must be remembered that if you step on the brake too many times, the brake disc will overheat and not work properly.
5. Be careful when accelerating, shifting gears or braking on smooth roads. Sudden acceleration or braking will cause the vehicle to skid or deviate.
6. Do not stick your head or hands out of the window when the vehicle is driving to avoid traffic accidents and endanger life, especially when there are children in the vehicle, please be alert at all times.
7. When driving on wet roads, avoid driving on roads with too much water.
8. A large amount of water entering the front compartment will cause damage to the power system and electrical components.

Driving essentials in winter

1. Confirm that the antifreeze has the correct antifreeze protection.
 - ▶ Use the same antifreeze as the original car model, and select the

appropriate antifreeze model to fill the cooling system according to the ambient temperature.

▶ Using improper antifreeze will damage the motor cooling system.

2. Check the battery and cable condition.

▶ Cold weather will reduce the energy of the battery. Therefore, the battery should maintain sufficient power for winter startup.

3. Prevent the door lock from being frozen by ice and snow.

▶ Spray some deicing agent or glycerin into the door lock hole to prevent freezing.

4. Use detergent containing antifreeze.



Caution:

Do not use other substitutes as washing liquid, because it may damage the paint surface of the vehicle.

5. Avoid ice and snow accumulation under the fender

▶ Ice and snow accumulate under the fenders, which can cause steering difficulties. When driving in severe cold winter, stop frequently and check whether there is ice and snow under the fender.

6. According to the different driving conditions, it is recommended to bring some necessary emergency equipment or items.

▶ Snow chains, window scrapers, a bag of sand or salt, signal flashing devices, small shovel, connecting cables, etc. are best placed in the car.

Precautions for driving through stagnant water sections

1. The depth of the water must be clear before driving into the water section, and the height of the water must not exceed the lower edge of the vehicle body.
2. If you want to wading through the water, turn off the air conditioning before the vehicle starts, slow down, and then lightly step on the PEDAL ASM BRK&ACCEL&CLU without loosening your feet, and pass through the water section at a steady and slow speed.
3. Do not park the vehicle in

the water, and do not reverse and turn off the motor in the water.

4. After smoothly wading through the stagnant area, you must step on brake pedal several times to evaporate the water on the brake disc in order to restore normal braking performance as soon as possible.



Warning:

1. Water or mud on the surface of the brake disc may cause the brake response to lag, thereby extending the braking distance, and beware of accidents.
2. Brake carefully, dry and wet the brakes, remove the ice on the brakes.
3. Avoid emergency braking as much as possible after driving through a section of stagnant water.

4. If the car is driving on a low-lying water-filled road. Please pay attention to avoid water entering the motor, otherwise it will seriously damage the motor.
5. After the vehicle is driven through a section of stagnant water, the transmission system, driving system and automobile electrical system may also be seriously damaged.

Braking system

The vehicle adopts disc brakes and the parking adopts electronic parking brakes.

Electronic parking braking system (EPB)

Manual parking

When the vehicle is in READY and the vehicle is stopped, pull

the electronic handbrake switch upwards to turn on the electronic parking function, at the same time the electronic handbrake switch indicator lights up, and the electronic handbrake indicator lights up on the meter.



Manual release

When the vehicle is in READY, step on brake pedal, manually press the electronic handbrake switch, instrument cluster assy electronic handbrake indicator and electronic handbrake switch indicator are off, which means the vehicle has released the parking brake function.



Caution:

1. The parking brake cannot be turned off when the car battery is out of power.
2. During the process of stepping on the brake pedal to release or park, the brake pedal may rise or sink slightly, just step on the brake.
3. When the vehicle is stopped and in the parking state, if there is a slipping phenomenon, for safety, the system will act quickly and apply the maximum clighting force at this time. If the maximum clighting force still cannot park the vehicle, it can be increased twice clighting force to prevent the vehicle from slipping backward.

Emergency braking

function:

If the brake fails, you can continue to pull up the electronic handbrake switch so that the vehicle can prevent the wheels from locking by adjusting the clighting force of the caliper to improve vehicle stability. Release the electronic handbrake switch and exit the emergency brake.



Warning:

1. To avoid accidental movement of the vehicle, in the electronic parking state, you need to confirm whether there is a need to start when you step on the accelerator.
2. During the driving of the vehicle, avoid other occupants from touching the switch by mistake,

otherwise there may be a danger of accidents.

3. In emergency braking, electronic parking brakes with a constant deceleration, and there is a deviation from the driver's expected deceleration, and the braking distance will be different.
4. Emergency braking function may cause the car to flick, skid or deviate when driving through curves, dangerous roads, traffic jams or under bad weather conditions. Beware of accidents. It is recommended to use in emergency situations such as the driving braking system damaged.

Braking energy recovery

The energy recovery braking

strategy is a strategy that realizes that the motor brakes and recovers electric energy when the vehicle is coasting or braking, and it charges the power battery to increase the cruising range.

Glide energy recovery

When the vehicle speed is greater than 10km/h, the accelerator pedal and brake pedal are in the released state, and the taxiing energy is recovered during the taxiing process.

Braking energy recovery

When the vehicle speed is greater than 10km/h, the driver steps on brake pedal to perform braking energy recovery.

Factors affecting braking energy recovery

The amount of energy fed back to the power battery through braking energy recovery depends on the following factors:

1. The current state of the power battery:
 - ▶ The power battery is fully charged;
 - ▶ When the ambient temperature is low, braking energy recovery is limited.
2. Energy recovery settings used:
 - ▶ Set different energy recovery levels to adjust the intensity of braking energy recovery.
3. Driving mode:
 - ▶ Different driving modes have different intensity of braking energy recovery.

 **Warm reminders:**

If energy recovery braking significantly reduces the speed (for example, when driving on a steep slope), the brake light will light up to remind the driver of the vehicle behind that you are slowing down.

 **Caution:**

Deceleration through energy recovery braking cannot replace the braking required to ensure safety. The driver should apply the brakes to the vehicle in time according to the actual situation.

Electronic Stability Program(ESP)

The Electronic Stability Program is an active safety control system. The system sensors monitor the driving state of the car. When the car avoids obstacles, turns and other unstable conditions, as well as oversteer or understeer, it uses the power system to intervene and the braking system intervenes to help the vehicle overcome the tendency to deviate from the ideal trajectory and provide better safety for the vehicle. If braking a wheel alone is not enough to

stabilize the vehicle, the Electronic Stability Program will reduce the torque output of the drive motor to brake other wheels to meet the demand.

This Electronic Stability Program integrates traction control system (TCS), anti-lock braking system (ABS), electronic brake force distribution system (EBD), and brake assist system (HBA) to ensure the lateral stability of the vehicle.

ESP indicator

When the vehicle is powered on, the ESP indicator on the dashboard will light up for a few seconds, and then go out after the system completes the self-check. If the indicator does not go out or lights up at any time after the self-inspection, it indicates that the ESP has a malfunction and does not work, and you should contact Jiangsu Skywell authorized service provider for repair

immediately.

ESP OFF indicator

When the vehicle is powered on, the indicator on the dashboard will light up for a few seconds, and then go out after the system completes the self-check.

When ESP is turned off, the indicator on the dashboard will light up.



Warning:

1. ESP cannot prevent accidents caused by dangerous driving or high-speed emergency steering.
2. If ESP malfunctions, please contact Jiangsu Skywell authorized service provider in time.

Traction Control System(TCS)

When the vehicle brakes on a smooth road such as ice and snow, the wheels will slip, or even lose control of the direction; when the vehicle

starts or accelerates, the drive wheels will also slip; TCS controls the brake pressure and motor power to minimize wheel idling.

Anti-lock Braking System (ABS)

ABS prevents the wheels from locking up when you apply the maximum braking force. In most road conditions, it can improve the steering control performance of the vehicle under emergency braking. In the case of emergency braking, ABS continuously monitors the speed of each wheel and adjusts the braking pressure according to the tightness of the wheel. The brake pressure change can be sensed by the vibration signal fed back by brake pedal. This shows that ABS is working and no special attention is needed. When you feel the vibration, please continue to apply continuous steady pressure to brake

pedal.

Anti-lock Braking System (ABS) indicator

When the vehicle is powered on, the (ABS) indicator on the dashboard will light up for a few seconds, and then go out after the system completes the self-check. If the indicator does not go out or lights up at any time after the self-inspection, it indicates that the ABS has a malfunction and does not work, and you should immediately contact Jiangsu Skywell authorized service provider for inspection.

When the ABS has a malfunction, the braking function is still normal and will not be affected by the ABS malfunction, but the braking distance will increase.

Emergency braking In an emergency, step on brake pedal completely and maintain a stable pressure. ABS changes the braking pressure

applied to each wheel according to the amount of traction available to prevent the wheels from locking up and ensure safe parking.



Warning:

1. Do not release brake pedal immediately after stepping on it, as this will interrupt the ABS operation and increase the braking distance.
2. The driver should always maintain a safe distance from the vehicle in front and be aware of dangerous situations while driving. Although ABS can improve the braking distance, it cannot exceed the laws of physics, nor can it prevent the danger caused by tire skidding.

Electronic Brakeforce Distribution(EBD)

EBD is a part of ABS. EBD balances the braking force

distribution between the front and rear wheels according to the load on the vehicle during normal braking.

EBD will appropriately distribute the force generated by the braking system to the four wheels according to the adhesion conditions between each wheel and the ground, so that the braking force can get the best efficiency, and the braking distance can be significantly shortened. Keep the vehicle stable and improve driving safety.

Hydraulic Brake Assist(HBA)

When brake pedal is stepped on, HBA will work automatically; when brake pedal is released, HBA will automatically turn off.

When the vehicle is quickly stepping on and holding brake pedal, the HBA will generate a brake pressure greater than that during normal braking, so that the brake system can generate the pressure required

for the vehicle's maximum deceleration in the shortest time, thereby obtaining the shortest braking distance.



Warning:

HBA can improve driving safety, but cannot exceed the laws of kinematics. Please adjust the speed according to the road conditions and traffic regulations.

Hill-start hold control(HHC)

When the vehicle starts on a slope with an angle greater than 4%, the driver moves his foot from brake pedal to the accelerator pedal for a period of time, HHC will appropriately apply brake pressure to keep the vehicle stationary and prevent the vehicle from slipping backward.



Warm reminders:

1. When the vehicle is uphill, HHC can prevent the driver from slipping behind after

releasing the brake pedal.

2. The driver can have up to 1.5 seconds to move his foot from brake pedal to PEDAL ASM BRK&ACCEL&CLU to start on the ramp.
3. If the vehicle skids during HHC operation, the brake pressure will be released immediately to ensure the maneuverability of the vehicle.
4. HHC only applies brake pressure appropriately, and does not perform active boost.



Caution:

HHC can provide auxiliary braking pressure, but it cannot exceed the law of kinematics. For safety reasons, the driver should apply the brake in time according to the actual situation of the vehicle to avoid accidents caused by the vehicle slipping backward.

Hill Descent Control(HDC)

After HDC is turned on, HDC actively pressurizes without the driver's active braking to reduce the vehicle speed when the vehicle is going downhill, so that the vehicle goes downhill at a low speed.



Caution:

HDC can actively pressurize and reduce the speed of the vehicle, but it cannot exceed the kinematics. For safety reasons, the driver should apply the brakes in time according to the actual situation of the vehicle to avoid accidents caused by the vehicle going downhill too fast.

Driving assistance system

All the following functions contained in this system are driving assistance functions, and the main safety subject is

still the driver when the functions are activated. In the process of using this system, the driver still needs to strictly abide by the "People's Republic of China Road Traffic Safety Law", do not rely solely on this system to find a legal, appropriate and safe driving path.

Tire pressure monitoring system(TPMS)

Tire pressure monitoring system belongs to the active safety configuration. The Tire pressure monitoring system can monitor the pressure of the tire in real time, and it can be displayed through the Instrument cluster assy. When the tire pressure is too low or too high, the tire pressure monitoring system will give an warning, the position of the

meter will be marked red, and the corresponding tire pressure value will also be displayed in red font.

Tire pressure monitoring display

When the vehicle is powered on, the instrument cluster assy displays tire pressure.



When the vehicle is driving at a speed of $\geq 25\text{km/h}$ and continues for a period of time, the instrument cluster assy can display tire air pressure in real time.

Tire pressure monitoring communication malfunction warning

When the vehicle is powered on and the vehicle speed is $\geq 25\text{km/h}$, if the tire pressure system still does not receive the radio frequency signal from one or more sensors after 10

minutes, the tire pressure monitoring system will issue a communication malfunction warning.



Low pressure warning

When the vehicle tire pressure is less than 1.8bar, the tire pressure monitoring system will give a low pressure warning. And indicate the position of the low pressure warning tire in the instrument, and at the same time warn by sound and light. When the tire pressure of the vehicle rises to 2.3 Bar, the malfunction disappears.



Caution:

1. If the tire pressure is too low, it will increase power consumption and aggravate tire wear. When tire wear is serious, there is

a risk of accidents such as a tire blowout.

2. When the tire pressure is too low, please check the cause of tire leakage.

High pressure warning

When the tire pressure of the vehicle is greater than 3.0Bar, the tire pressure monitoring system will give a high-pressure alarm, and indicate the position of the high pressure alarm tire in the meter, and at the same time, it will warn by sound and light. When the tire pressure of the vehicle drops below 2.8Bar, the malfunction disappears.

Rapid leak alarm

In the normal working mode of the tire pressure monitoring system, when one or more tire air pressures of the vehicle tire decrease at a rate of > 0.3 Bar/min, and the cumulative air leakage rate > 0.3 Bar, the tire pressure monitoring system will issue a rapid leak alarm,

and the meter indicate the position of the air leakage tire, and warn by sound and light at the same time. The alarm is released when the air leak stops.

Parking radar system

The parking radar system uses digital sensors to measure distances using the principle of ultrasonic technology, which can remind the driver of the distance between the front and rear of the vehicle and other objects, and give voice prompts and image display to reduce personnel or vehicle damage caused by forward and reverse.

The parking radar system is composed of radar sensors, controllers, and display alarm devices.

Sensor position indication



1. Right front sensor
2. Right front corner sensor
3. Left front corner sensor
4. Right front central sensor
5. Left front central sensor
6. Left front sensor
7. Right rear sensor
8. Right rear corner sensor
9. Right rear central sensor
10. Left rear central sensor
11. Left rear corner sensor
12. Left rear sensor



Radar alarm range



Alarm area	Detection distance	
	Sensor detection distance	Alarm tone
area1	<0.4m	rapid
area2	0.4m ~ 1.0m	medium
area3	1.0m ~ 1.5m	slow

Instructions for parking radar:

Maximum monitoring distance:

The standard distance from the monitored obstacle to the ultrasonic sensor is 150cm.

Please note the following, even if the radar probe is close to an obstacle, the buzzer may not sound:

1. The radar probe cannot detect wires, fences, ropes and other thin objects.



2. The radar probe cannot detect low objects such as rocks.



3. The radar probe cannot detect objects that easily absorb ultrasonic waves such as soft snow, cotton and sponges.



5. The surface of the radar probe is frozen and will not be able to detect any obstacles.



4. The radar probe may not be able to detect objects higher than the bumper.



6. The radar probe is covered by dirt, snow or mud, etc., and may not be able to detect obstacles.



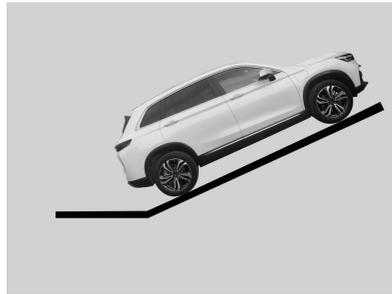
 Caution:

1. The radar probe does not alert to obstacles outside the sensing range;
2. When several obstacles appear at the same time, the alarm sound will be executed according to the nearest obstacle;
3. When the vehicle is moving, please be aware that the reversing radar sensor on the other side may approach other obstacles.

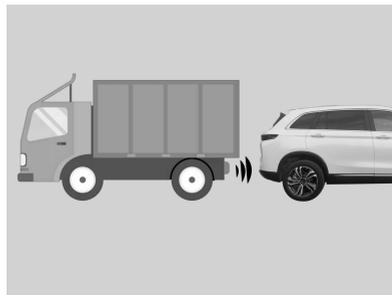
When reversing in the following situations, the reversing radar probe may provide wrong information:

1. When the vehicle is on a

steep slope.



2. When there is a lot of noise near the vehicle, such as the sound of vehicle horns, motorcycle engine sound, air brake sound of large vehicles, or other strong noises that generate ultrasonic waves.



3. When driving in jelly-like snow or rain.



Cleaning the parking sensor

When cleaning the vehicle, please use a soft cloth or water (low water pressure) to wash away the snow, mud, dust and other obstacles on the surface of the reversing radar sensor.

High pressure water flow such as water gun or large external force may cause damage to the radar probe. Do not squeeze or impact the radar probe, otherwise the probe will not work properly.



If the buzzer does not sound when reversing, please check the following points:

1. Is there any foreign matter attached to the surface of the radar probe;
2. Whether to park the vehicle for a long time in hot or cold weather;
3. The radar probe cannot detect whether the wire, fence, or the surface of the radar probe is frozen.

If you cannot find out the cause, please contact Jiangsu Skywell authorized service provider for inspection;

Automatic parking system(mid-to-high model)

Automatic parking system including environmental sensing system, interactive system and a vehicle control system, the system can successfully identified parking space, automatic steering wheel, accelerator, brake, until successful parking, the system provides the user auxiliary parking convenience.

The system supports parking in and out of horizontal/vertical parking spaces.

Before using the automatic parking system, the user needs to actively observe the surrounding environment and whether it is safe before starting the automatic parking system.

Park in:

Parking system ON:

Click "Automatic parking" on the multimedia display " → "Park in"

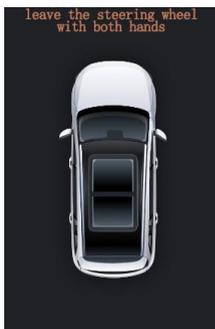


Parking lot scanning:

After opening Park in, the display prompts the automatic parking search interface. Drive the vehicle by the user personally, control the speed within 20km/h, and try to keep the vehicle driving along a straight road.



When the system finds the parking space, the interface will pop up "The parking space has been found, please stop" → "Please put P and leave the steering wheel with both hands" → "Please select the parking type and direction" interface, requiring the user to operate according to the system prompts.



Parking in progress:

The user needs to observe the surrounding environment online to see whether the parking requirements are met, whether there are obstacles or pits in the parking path and the target parking space, and after confirming that they are correct, the system starts to take over the vehicle and control the vehicle. Park in the garage. During the control process, the display shows "Automatic parking in progress" .



Parking is complete:
After the parking is completed, the system prompts that the parking is complete, and controls to engage the P gear and pull up the handbrake.



Park out:

Parking system ON:
Before turning on the Park out function, the user needs to go

around the car first to observe whether the car is safe around, then get in the car and start the car, keep the car in the P position, and then click "Automatic parking" → on the multimedia display "Park out" → "Please select the parking type and direction"



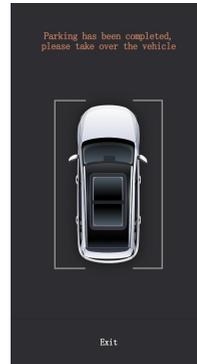
The user selects the appropriate Park out method according to the surrounding

environment of the vehicle, and then clicks and clicks on the icon to start the system, and the display prompts "Automatic parking in progress"



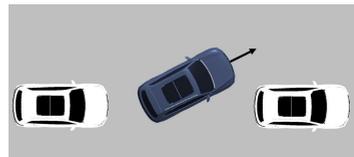
Parking is complete:

After the parking is completed, the system prompts that the parking is complete, and controls to engage the P gear and pull up the handbrake.

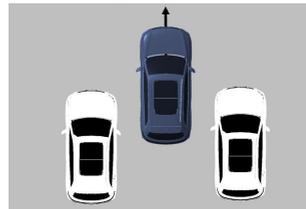


Vehicle posture after parking:

1. Horizontal park out:



2. Vertical park out:



Parking system pause mode:

The following situations will cause the system to suspend or exit:

1. Open Door during parking;
2. The driver depresses the brake during parking;

3. Press the pause button on the centre console;
4. Obstacles in the parking track;

After the automatic parking is paused, the driver needs to click the continue button on the screen.

Parking system exit mode:

1. During the parking scan process, the vehicle speed > 20km/h;
2. The driver intervenes in the steering wheel during parking;
3. Press the exit button on the centre console;
4. The driver pulls up the handbrake during parking;



Warm reminders:

1. The driver operates the vehicle when scanning the parking space, and the parking system does not control the vehicle;
2. Scanning distance (the lateral distance between

the vehicle and the vehicle in the parking space), ensure that it is within 0.5m~1.5m, and keep the vehicle traveling in a straight line as much as possible;

3. The potential vertical parking space detected by the automatic parking system should be at least 2.9 meters wide with vehicles parked on both sides. The length of parallel parking spaces detected by automatic parking should be at least 5.9 meters (automatic parking does not work on inclined parking spaces);
4. During the use of the parking system, please operate according to the text reminder in the centre console.



Caution:

1. When the automatic

parking is active, pay attention to the touch screen to ensure that you understand the instructions provided by the automatic parking.

2. During the parking process, keep a high degree of concentration to observe the safety conditions of the surrounding environment, and actively intervene with the driver when necessary.
3. When the automatic parking system actively controls the steering of the vehicle, the steering wheel will move according to the adjustment of the automatic parking system. Do not hinder the steering wheel from moving. Otherwise, automatic

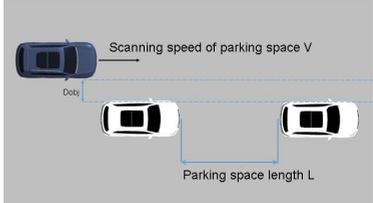
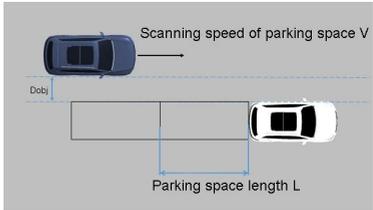
Parking scene description list:

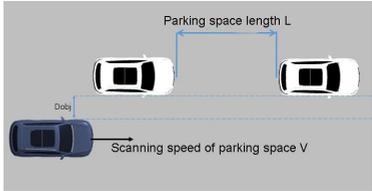
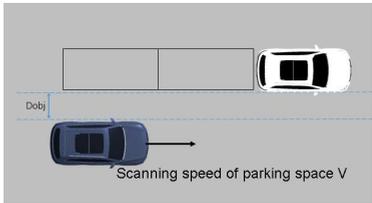
Horizontal parking scene:

parking will be cancelled.

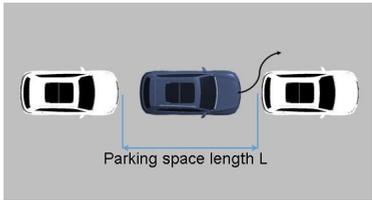
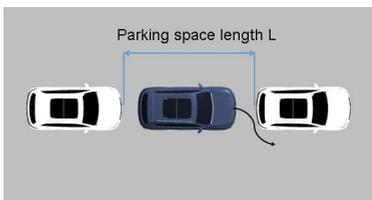
4. The automatic parking system can only be used normally when the following conditions are met:
 - 1) The driver tightens the seat belt;
 - 2) Closing of the vehicle with four doors and two covers;
 - 3) There are identifiable reference vehicles on both sides of the target parking space;
 - 4) For scenes that are allowed to park, refer to the list of parking scenes. Scenes beyond the scope of the list are not within the controllable range of the system.

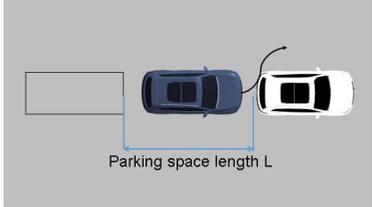
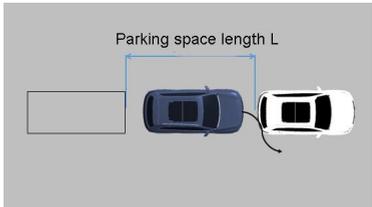
No.	Scenes	Icon description
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<p>1</p>	<p>Park in: Two reference cars are placed in a straight line on the right; Parking space length L: \geq car length+1m; Lateral distance between the vehicle and the target vehicle: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	
<p>2</p>	<p>Park in: A reference car is placed in a straight line on the right; Parking space length L: \geq car length+1m; Lateral distance between the vehicle and the target vehicle: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	

<p>3</p>	<p>Park in: Two reference cars are placed in a straight line on the left; Parking space length L: \geq car length+1m; Lateral distance between the vehicle and the target vehicle: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	
<p>4</p>	<p>Park in: A reference car is placed in a straight line on the left; Parking space length L: \geq car length+1m; Lateral distance between the vehicle and the target vehicle: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	

8

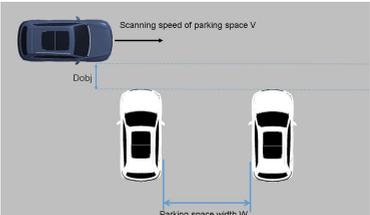
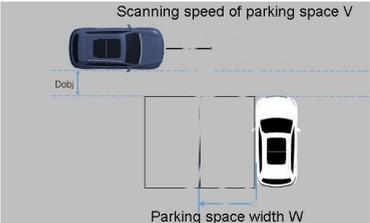
<p>5</p>	<p>Park out: There are no obstacles such as curbs on the left and right sides of the parking space; There are two reference cars before and after the car; Parking space length L: \geq car length+1m. Park out from the left;</p>	
<p>6</p>	<p>Park out: There are no obstacles such as curbs on the left and right sides of the parking space; There are two reference cars before and after the car; Parking space length L: \geq car length+1m. Park out from the right side;</p>	

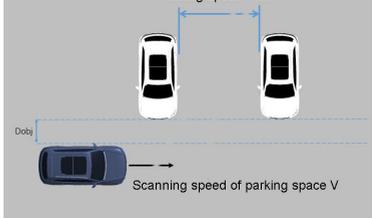
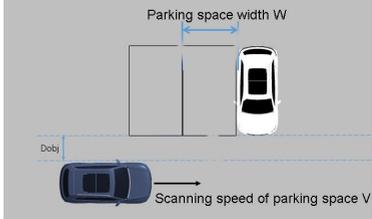
7	<p>Park out:</p> <p>There are no obstacles such as curbs on the left and right sides of the parking space;</p> <p>There is a reference car in front of the car;</p> <p>Parking space length L: \geq car length+1m.</p> <p>Park out from the left;</p>	
8	<p>Park out:</p> <p>There are no obstacles such as curbs on the left and right sides of the parking space;</p> <p>There is a reference car in front of the car;</p> <p>Parking space length L: \geq car length+1m.</p> <p>Park out from the right side;</p>	

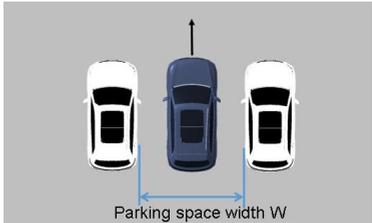
8

Vertical parking scenes:

No.	Scenes	Icon description
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<p>1</p>	<p>Park in: Two reference cars are placed in a straight line on the right; Parking space width W: \geq car width+1m; Lateral distance between the vehicle and target: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	
<p>2</p>	<p>Park in: A reference car is placed in a straight line on the right; Parking space width W: \geq car width+1m; Lateral distance between the vehicle and the target vehicle: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	

<p>3</p>	<p>Park in: Two reference cars are placed in a straight line on the left; Parking space width W: \geq car width+1m; Lateral distance between the vehicle and the target vehicle: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	
<p>4</p>	<p>Park in: A reference car is placed in a straight line on the left; Parking space width W: \geq car width+1m; Lateral distance between the vehicle and the target vehicle: $50\text{cm} < \text{Dobj} < 150\text{cm}$; When scanning the parking space, the speed of the vehicle: $V < 20\text{km/h}$;</p>	

5	<p>Park out:</p> <p>There are no obstacles such as curbs on both sides of the parking space;</p> <p>There are two reference cars on the left and right sides of the car;</p> <p>Parking space width W: \geq car width+1m;</p> <p>Park out from the front;</p>	
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 Warning:

1. This system is a driving assistance system. When the function is activated, the main body of safety is still the driver. In the process of using this system, the driver still needs to strictly abide by the "Road Traffic Safety Law of the People's Republic of China".
2. The driver sits in the driver's seat and fastens the seat belt, and always observes the surrounding environment, ready to take over the vehicle at any time.
3. During the parking process, the system cannot identify obstacles in the blind area of the radar and brake. The driver needs to take the initiative to take over the vehicle and take braking measures.
4. In environments with steep slopes and no curbs behind the vertical parking spaces, parking systems are prohibited.
5. Do not rely on the

automatic parking system to find a legal, appropriate and safe parking position. Automatic parking systems do not always detect objects in parking spaces. Be sure to visually check to confirm that the parking space is suitable and safe.

6. If the system prompts that there is an abnormality or malfunction, please turn off the automatic parking function initiative in time, and prohibit continued use, and you should go to the nearest after-sales service shop for inspection and maintenance in time.



Warning:

The above list does not exhaust all the situations that affect the normal operation of the system. Do not rely on these conditions to ensure your own safety. The driver is responsible for staying alert at

all times, driving safely, and controlling the vehicle.

Lane departure

warning

system(LDW for

high model)

Lane departure warning system is a system that assists the driver in reducing traffic accidents due to lane departure by warning, and improves driving safety..



Lane departure warning system function opened:

In the central control display, the "Vehicle Control" -> "Assisted Driving" -> "Lane Departure Warning System" switch is turned on, and the white function icon lights up.

Lane departure warning system activation method:

The "Lane departure warning system" function switch is turned on. When $60\text{km/h} < \text{vehicle speed} < 150\text{km/h}$, the function icon is green and the instrument displays the LDW graphical interface; when the vehicle speed is less than 60km/h , the Lane departure warning system enters the standby state. Its function icon is white.

When the vehicle departure warning system is turned on, the lane line is clearly identifiable, and the system detects that the vehicle is about to press to the left/right side line, the lane line will become red with an alarm

tone.



If the turn signal or double flashing is turned on when the vehicle is pressing the line, the system will not alarm. After the turn signal is turned off and the vehicle returns to the lane, the system is automatically activated.

Lane departure warning system function OFF:

Turn off the "Vehicle Control" -> "Assisted Driving" -> "Lane Departure Warning System" switch in the centre console.



Caution:

1. The marking lines collected by the LDW system are standard on the road: white solid line, white dashed line, yellow solid line, yellow dashed line, double solid line, uniformly displayed as a single solid line, and no classification is performed on the display;
2. When passing curves and narrow roads, the LDW

system will delay the alarm to a certain extent, making it more suitable with the driver's driving habits;

3. Many factors that affect the performance of the lane departure system and cause it to fail to achieve the expected function include (but are not limited to):

- 1) Lane lines are blurred, non-standard lane lines or lane lines are covered
- 2) There is water on the road;
- 3) Low visibility in the external environment;
- 4) Strong light (from oncoming headlights or direct sunlight, etc.);
- 5) The camera lens and front windshield glass are damaged, dirty or covered;
- 6) Roads where the radius of curvature of the lane is less than 250m, such as sharp turns;

7) The road slope is too large, the road is too narrow, or winding;

8) Turn on the turn signal;

9) Turn on the failure warning light;

10) Actively rotate steering wheel;

11) Operate the accelerator pedal;

12) Operation brake pedal;

13) It is not detected that the driver is holding the steering wheel within ten seconds;

14) The system is disturbed;



Warning:

1. The lane departure warning function is only a reminder function and does not carry out vehicle control. It is mainly used to remind the driver to drive safely in the lane, and cannot replace the driver's judgment on lane

- information and safe driving.
2. In the process of using this system, the driver still needs to strictly abide by the "People's Republic of China Road Traffic Safety Law".
 3. The lane departure warning system is suitable for long, straight and flat paved roads, and the lane lines must be very clear. It is not suitable for rural roads or urban roads with complex traffic.
 4. If there is an abnormality or malfunction in the system, the driver should actively turn off this function in time, and prohibit continued use, and should go to the nearest after-sales service shop for inspection and maintenance in time.



Warning:

The above list does not

exhaust all the situations that affect the normal operation of the system. Do not rely on these conditions to ensure your own safety. The driver is responsible for staying alert at all times, driving safely, and controlling the vehicle.

Lane keeping assistance(LKA for high model)



The lane keeping system is a system that assists in the correction of lightly deviated vehicles to ensure that the vehicle runs in the middle of the lane as much as possible, assists the driver to reduce traffic accidents due to lane departure, and improves driving safety.

Turn on the lane keeping system function:

In the centre console display, the "Vehicle Control" -> "Assisted Driving" -> "Lane Keep" switch is turned on and the white function icon is lit.

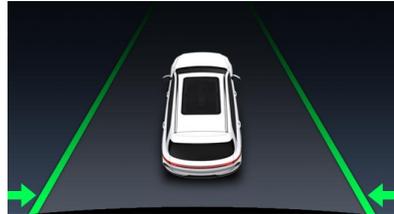
Lane keeping system activation method:

When the Lane departure warning system is on, when $60\text{km/h} < \text{vehicle speed} < 150\text{km/h}$ and the lane line is clearly identifiable, the lane remains function activated and the function icon turns green .

When the vehicle speed is less than 60km/h or the lane line is not recognized, the lane departure warning system enters the standby state, and the function icon turns white .

When the lane keeping system is turned on, and the vehicle deviates from the lane under the working conditions, the

instrument interface will display the center arrow as green, and the system slightly adjusts the steering wheel to correct the vehicle.



If the vehicle deviates too much and presses the line, the system will also sound an alarm. However, if the front of the vehicle exceeds the lane line, the lane keeping system will not make corrections.

If the driver turns on the left/right turn signal, the system actively enters the standby state without steering wheel control. After the turn signal is turned off and the vehicle returns to the middle of the lane, the system will automatically activate.

Lane keeping system function

closed:

Turn off the "Vehicle Control"
-> "Assisted Driving" -> "Lane
Keep" switch in the centre
console.



Caution:

1. The marking lines collected by the lane keeping system are standard on the road: white solid line, white dashed line, yellow solid line, yellow dashed line, double solid line, uniformly displayed as a single solid line, and no classification on the display;
2. When passing curves and narrow roads, the lane keeping system will delay the alarm to a certain extent, making it more suitable for the driver's driving habits;
3. The driver needs to take over the vehicle in advance, control the steering wheel and speed, take the initiative to ensure driving safety, do not rely on this system to choose the driving route, when at intersections, traffic lights, turning, lane lines are blurred or even without lane lines;
4. Many factors that affect the performance of lane keeping and thus make it unable to achieve the expected function include (but are not limited to):
 - 1) Lane lines are blurred, non-standard lane lines or lane lines are covered
 - 2) There is water on the road;
 - 3) Low visibility in the external environment;
 - 4) Strong light (from oncoming headlights or direct sunlight, etc.);
 - 5) The camera lens and front windshield glass are damaged, dirty or covered;
 - 6) Roads where the radius

of curvature of the lane is less than 250m, such as sharp turns;

7) The road slope is too large, the road is too narrow, or winding;

8) Turn on turn signal;

9) Failure warning light;

10) Actively rotate the steering wheel;

11) Operate the accelerator pedal;

12) Operate brake pedal;

13) When driving in a lane with a separation zone or landside;

14) It is not detected that the driver is holding the steering wheel within ten seconds;

15) The system is disturbed;



Warning:

1. This system is driving assistance system, a security principal vehicle when the system is

activated by the driver is still in the process of using this system, drivers still need to strictly abide by the "People's Republic of China on Road Traffic Safety Law".

2. The driver must always put his hands on the steering wheel and always control the vehicle.
3. This system is suitable for long, straight and flat paved roads, and the lane lines should be very clear. It is not suitable for country roads, red green lights, intersections, ramps, bridge holes or urban roads with complex traffic.
4. This system cannot perceive the traffic situation around or behind the vehicle. Do not rely on this system to ensure a safe and legal driving method.
5. This function is only used to remind the driver to drive

safely in the lane. When the vehicle deviates slightly, it can assist the driver to realize the correction function. It is not suitable for all situations and cannot replace the driver's judgment on lane information. In any case, the driver should be responsible for the safety of the vehicle, must always drive carefully and comply with applicable laws and road traffic rules.

6. If it prompts that the system is abnormal or malfunctioning, please take the initiative to turn off this function in time, and prohibit continued use, and you should go to the nearest after-sales service shop for inspection and maintenance in time.



Warning:

The above list does not

describe all the situations that affect the normal operation of the system. Do not rely on these conditions to ensure your own safety. The driver is responsible for staying alert at all times, driving safely, and controlling the vehicle.

Cruise

Cruise function is suitable for LV1 and LV2 models.

Operation method: Press the cruise button in the upper left corner of the steering wheel, and the cruise function is turned on/off. Toggle the scroll wheel under the cruise button to adjust the target speed. The adjustment unit is 2km/h. The target speed range is 40~120km/h, and the error range is ± 3 km/h.

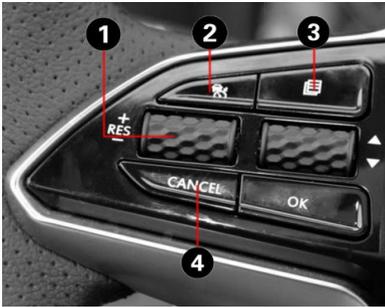
Full speed adaptive cruise control system(only high model)

The adaptive cruise control system is an extension of the cruise control system. It can not only control the vehicle to set the vehicle speed and drive stably by controlling the power system and braking system of the vehicle, but also actively adjust the vehicle speed when the vehicle in front is detected to keep a proper distance. It is a system that provides auxiliary functions for users when driving.



Adaptive cruise enabled:

1. Press the cruise control button on the left side of the steering wheel, the adaptive cruise control indicator white icon on the instrument cluster assy lights up ;
2. $0\text{km/h} < \text{vehicle speed} < 150\text{km/h}$, release acceleration and brake pedal;
3. Click the set button (activate to enter the ACC mode at the current speed) or resume button (activate the ACC and use the vehicle speed set in the last ACC mode as the target speed of the current ACC), the green icon of adaptive cruise control indicator lights up on the instrument cluster assy ;
4. Set the following distance level during cruise through active cruise distance adjustment switch.



1. Scroll up: Cruise speed+ /Resume Scroll down: Cruise speed- /Set;
2. Cruise on/off;
3. Active cruise distance adjustment;
4. Cruise cancellation

Ways to increase the preset cruise speed:

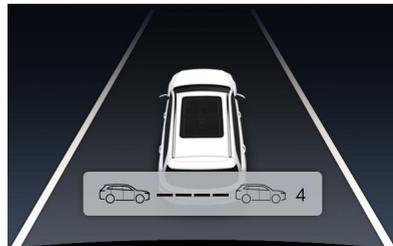
When the adaptive cruise system is activated, scroll up button1 (see the figure above), and each time you press it increases the preset speed by 5km/h, the maximum speed is 120km/h, and the set speed will be displayed in front of the function icon, such as setting the speed to 80km/h, the icon is .

Ways to reduce the preset cruising speed:

When the adaptive cruise system is activated, scroll up button1 (see the figure above), and each time you press it increases the preset speed by 5km/h, and the minimum set speed is 30km/h.

Ways to increase/decrease following distance:

When the adaptive cruise system is activated, press the active cruise distance adjustment button to adjust the distance to one to four levels, which can be cycled.



Cancel adaptive cruise:

1. Step on the brake pedal;
2. Press the cruise cancel button on the steering

wheel;

3. Press the cruise control button;
4. Push the gear out of D gear.

Exit adaptive cruise:

Press the cruise control button on the left side of the steering wheel again, the adaptive cruise control indicator on the instrument cluster assy disappears, indicating that the system has exited.

 Warm reminders:

1. The ACC function will only be activated when the driver sets a target vehicle speed and a target time distance to the vehicle ahead. When there is no car ahead, the ACC system will control the car to approach the set target speed, just like the traditional cruise function.
2. When the system function is turned on, if the current

vehicle speed is (0, 30)km/h, scroll the set button, and the cruising speed is set to 30km/h, if the current vehicle speed > 30km/h, scroll the set button, the cruise speed is set to the current speed.

3. When the driver steps on the brake pedal, the cruise system will be in a standby state. When the brake pedal is released, the driver needs to press the set/resume button to reactivate the system.
4. When the system function is activated, the system enters the standby state due to the driver stepping on the brake or pressing the cancel button. At this time, scroll the resume button to restore the target speed to the speed set in the previous cycle.
5. When the driver depresses the accelerator pedal, the

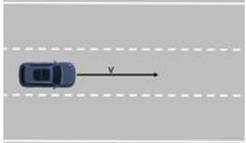
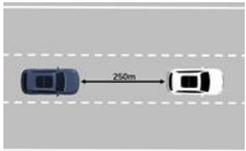
cruise system will be in a suspended state. When the accelerator pedal is released, the system can automatically resume its activation state.

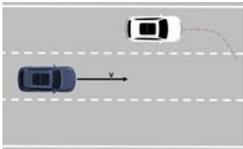


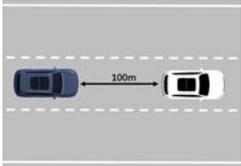
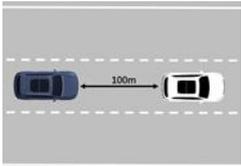
Caution:

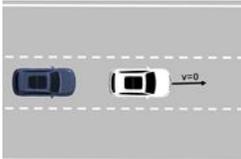
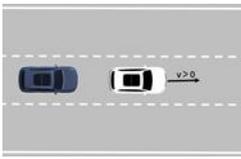
1. When encountering special scenes such as bridge holes, tunnels, intersections, red and green lights, and following targets suddenly cut in or cut out, the driver should step on the brakes or take other actions to exit the cruise system, and the driver will control the vehicle to ensure safe driving.
2. When driving up and downhill, the set speed will deviate slightly from the actual speed.
3. Many factors that affect the performance of the system and cause it to fail to achieve the expected functions include (but not limited to) the following points. Please do not use adaptive cruise control at this time:
 - 1) During heavy traffic;
 - 2) On sharp turns;
 - 3) On winding roads;
 - 4) On slippery roads (such as rain or icy roads, smog, etc.);
 - 5) When going up and down steep slopes, the road slope is too large, the road is too narrow, or winding
 - 6) When towing or being towed in an emergency.
4. Scenes applicable to the cruise system under normal conditions are as follows:

Scenes for adaptive cruise system:

No.	Scenes	Icon description	System control
1	No vehicle ahead (Cruise): There are lane lines on both sides of the lane; There is no vehicle ahead of the lane; The driver holds the steering wheel;		The system travels at a set cruise speed: (30-150)km/h;
2	The vehicle ahead is driving at low speed: There are lane lines on both sides of the lane; There are vehicles in front of the lane, and the distance between the two vehicles is > 250m; The car has		The system automatically recognizes the vehicle ahead and decelerate;

	<p>stabilized at the set cruise speed; Speed of the vehicle > the vehicle ahead; The driver holds the steering wheel;</p>		
<p>3</p>	<p>The vehicle ahead changes lanes: There are lane lines on both sides of the lane; There is no vehicle ahead of the lane; The car has been running at a steady constant speed; The speed of the lane-changing vehicle < the set speed of the vehicle; The distance to the front vehicle > 10m; The driver holds the steering wheel;</p>		<p>The system automatically recognizes the vehicle ahead and slows down ;</p>

4	<p>The vehicle ahead accelerates;</p> <p>There are lane lines on both sides of the lane;</p> <p>There are vehicles ahead of the lane;</p> <p>The vehicle has steadily followed the vehicle ahead;</p> <p>The set speed of the car > the current following speed;</p> <p>The driver holds the steering wheel;</p>		<p>When front vehicle accelerates to greater than the set speed of the vehicle, the system will not follow the vehicle in front to accelerate after accelerating to the set speed, and keep driving at a constant speed;</p>
5	<p>The vehicle ahead drives out of the lane:</p> <p>There are lane lines on both sides of the lane;</p> <p>There are vehicles ahead of the lane;</p> <p>The vehicle has steadily followed the vehicle ahead;</p>		<p>When the front vehicle drives out of the lane, the system accelerates to the set speed of the vehicle, and then keeps the set speed to drive at a constant</p>

	<p>The set speed of the car > the current following speed;</p> <p>The driver holds the Steering wheel;</p>		<p>speed;</p>
6	<p>Follow the vehicle ahead to stop:</p> <p>There are lane lines on both sides of the lane;</p> <p>There are vehicles ahead of the lane;</p> <p>The vehicle has steadily followed the vehicle ahead;</p> <p>The vehicle ahead decelerates to a stop;</p> <p>The driver holds the steering wheel;</p>		<p>The system automatically recognizes that the vehicle in front decelerates and controls the vehicle to slow down until it stops ;</p>
7	<p>Start with the car ahead:</p> <p>There are lane lines on both sides of the lane;</p> <p>There are vehicles ahead of the lane;</p>		<p>The system automatically recognizes the acceleration of the vehicle ahead, controls the vehicle to</p>

	The vehicle has steadily followed the vehicle in front to stop; The vehicle ahead starts (within 90s after stopping); The set speed of the vehicle > the speed of the preceding vehicle; The driver holds the Steering wheel;		accelerate slowly, and follows the speed of the vehicle ahead;
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Warning:

1. This system is driving assistance system, a security principal vehicle navigation system is activated when the driver is still in the process of using this system, drivers still need to strictly abide by the "People's Republic of China on Road Traffic Safety Law".
2. This system is suitable for long, straight and flat paved roads with clear lane lines. It is not suitable for rural roads or urban roads with complex traffic..
3. The cruise control can only be activated when driving on a clear highway in good weather conditions;
4. The system cannot identify crossing and retrograde vehicles (such as: large cars, medium cars, small cars, special vehicles, motorcycles, tricycles, bicycles and all other

- vehicles), pedestrians, animals, etc. If this happens, the driver need to actively intervene in braking.
5. This system cannot perceive the traffic situation around or behind the vehicle. Do not rely on this system to ensure a safe and legal driving mode.
 6. The driver must always focus on the road conditions and intervene in the vehicle when necessary in the process of turning on the function, the main safety of the vehicle when the cruise system is activated is still the driver;
 7. When the cruise system is following the preceding vehicle, the driver needs to take the initiative to take over the vehicle and resume manual driving under large up and down slopes or curve scenes.;
 8. When the cruise system is following the preceding vehicle, when the current vehicle brakes at a large deceleration, the driver needs to take the initiative to take over the vehicle and resume manual driving;
 9. During the cruise system control process, when the target vehicle in the adjacent lane quickly cuts into the vehicle at a close distance, the driver needs to take the initiative to take over the vehicle and resume manual driving.
 10. When the cruise system cannot maintain the minimum time distance with the vehicle in front, for example, when approaching the vehicle in front at a high relative speed. In this case, the driver must take over the longitudinal control of the vehicle;

11. Regarding stationary objects, the cruise system only recognizes conventional passenger cars and pedestrians, for other stationary vehicles (such as trailers, trucks, flatbed trucks, cement mixers, tricycles, two-wheelers, vehicle trunks are open, etc.) and stationary objects (Such as railings, roadblocks, stones, etc.) do not make identification and judgment, if you need to brake, please take the initiative to step on the brake pedal.

12. During the activation of the cruise system, the recognition of stationary targets will be limited by many factors, and may not be able to slow down in time. If there is a stationary target vehicle in front of the lane, the driver needs to take the initiative to take

over the vehicle and resume manual driving to avoid crash with the front car;

13. Incorrect activation of the cruise control function may cause accidents;

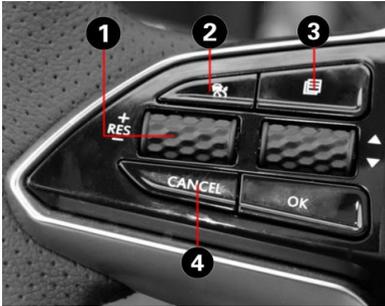
 Warning:

14. The above list does not cover all the situations that affect the normal operation of the system. Do not rely on these conditions to ensure your own safety. The driver is responsible for staying alert at all times, driving safely, and controlling the vehicle.

Intelligent Cruise Assist(only high model)



The Intelligent Cruise Assist function integrates adaptive cruise and lane centering functions, which can keep the vehicle in the middle of the lane and follow the preceding vehicle or drive at a constant speed when the vehicle is > 0km/h and the lane line is recognized.



1. Scroll up: Cruise speed+/Resume
Scroll down: Cruise speed-/Set;
 2. Cruise on/off;
 3. Active cruise distance adjustment;
 4. Cruise cancellation
- Function ON:

Press the cruise control button

on the left side of the steering wheel twice, the intelligent cruise control indicator on the instrument cluster assy lights up the white icon .

Function activation:

1. 0 km/h < vehicle speed < 150km/h, release acceleration and brake pedal;
2. Click the set button (activate at the current speed to enter the cruise mode) or resume button (activate the cruise function, and use the speed set in the last cruise mode as the target speed for this cruise), the adaptive cruise control on the instrument indicator lights up the green icon;
3. The lane line is clearly visible, and the lane line becomes a green icon .
4. Set the following distance level during cruise through active cruise distance

adjustment switch;

5. When the vehicle deviates from the lane, keep the center arrow as green, and the system slightly adjusts the steering wheel to correct the vehicle. If the front of the vehicle exceeds the lane line, the system will not make corrections and adjustments, but an alarm will be issued in the case of line pressure.

Function canceled or OFF:

1. Step on the brake pedal;
2. Press the cruise cancellation button on the steering wheel;
3. Press the cruise control button;
4. Shift the gear from D gear.



Caution:

1. The marking line collected by the Lane departure warning system is a clear lane line on the road that meets the GB 5768

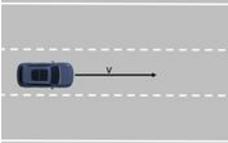
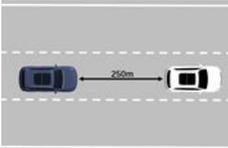
standard: white solid line, white dashed line, yellow solid line, yellow dashed line, double solid line. The system is uniformly displayed on the instrument as a single solid line, no classification on the display;

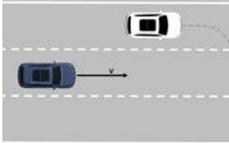
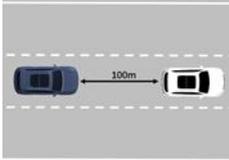
2. When passing curves and narrow roads, the vehicle departure warning system will delay the alarm to a certain extent, making it more suitable for the driver's driving habits;
3. Even if the vehicle is equipped with a vehicle departure warning system, it cannot be taken lightly, and it is still necessary to drive with caution;
4. When encountering special scenes such as bridge holes, tunnels, intersections, red and green lights, and following targets suddenly cut in or

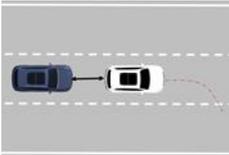
- cut out, the driver should step on the brakes or take other actions to exit the cruise system, and the driver will control the vehicle to ensure safe Driving.
5. When driving up and downhill, the set speed will deviate slightly from the actual speed.
 6. Please do not use cruise control in the following situations:
 - 1) Lane lines are blurred, non-standard lane lines or lane lines are covered;
 - 2) Low visibility in the external environment;
 - 3) Strong light (from oncoming headlights or direct sunlight, etc.);
 - 4) The camera lens and windshield glass are damaged, dirty or covered;
 - 5) Roads where the radius of curvature of the lane is less than 250m, such as sharp turns;
 - 6) The road slope is too large, the road is too narrow, or winding;
 - 7) Opening turn signal;
 - 8) Opening hazard warning light;
 - 9) Actively rotate steering wheel;
 - 10) Operate the accelerator pedal;
 - 11) Operate brake pedal;
 - 12) It is not detected that the driver is holding the steering wheel within ten seconds;
 - 13) The system is interfered;
 - 14) During heavy traffic;
 - 15) On slippery roads (such as rain or icy roads);
 - 16) When going up and down steep slopes;
 - 17) In emergency towing.
7. The applicable scenarios of the intelligent cruise

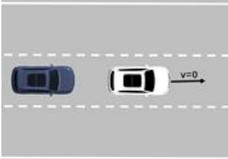
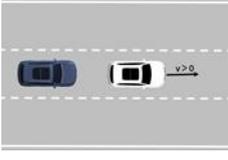
system under normal conditions are as follows:

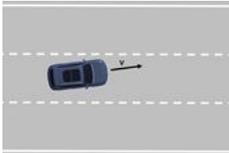
Intelligent cruise control system applicable scenes:

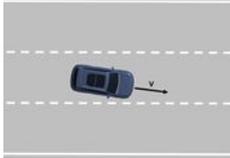
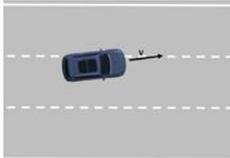
No.	Scenes	Icon description	System control
1	No vehicle ahead (cruise): There are lane lines on both sides of the lane; There is no vehicle ahead of the lane; The driver holds the steering wheel;		The system travels at a set cruise speed: (30-150)km/h; Control the steering wheel to keep the vehicle centered in the lane
2	The vehicle ahead is driving at low speed: There are lane lines on both sides of the lane; There are vehicles in front of the lane, and the distance between the two vehicles is > 250m; The car has stabilized at the set cruise speed;		The system automatically recognizes the vehicle ahead and slows down; Control the steering wheel to keep the vehicle centered in the lane

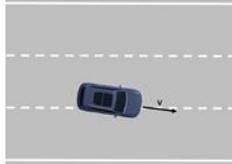
	<p>Speed of the vehicle > the vehicle ahead; The driver holds the steering wheel;</p>		
3	<p>The vehicle ahead cuts into the lane: There are lane lines on both sides of the lane; There is no vehicle ahead of the lane; The car has been running at a steady constant speed; The cut-in vehicle speed < the set speed of the vehicle; The cut-in distance of the vehicle ahead > 10m; The driver holds the Steering wheel ;</p>		<p>The system automatically recognizes the vehicle ahead and slows down; Control the steering wheel to keep the vehicle centered in the lane</p>
4	<p>The vehicle ahead accelerates: There are lane lines on both sides of the lane; There are vehicles</p>		<p>When the current vehicle accelerates and accelerates to greater than the set speed of the</p>

	<p>ahead of the lane; The vehicle has steadily followed the vehicle ahead; The set speed of the car > the current following speed; The driver holds the steering wheel;</p>		<p>vehicle, after the system accelerates to the set speed of the vehicle, the system does not follow the vehicle in front to accelerate, and keeps the set speed to drive at a constant speed; Control the steering wheel to keep the vehicle centered in the lane</p>
5	<p>The vehicle ahead cuts out of the lane: There are lane lines on both sides of the lane; There are vehicles ahead of the lane; The vehicle has steadily followed the vehicle ahead;</p>		<p>When the vehicle in front cuts out of the lane, the system accelerates to the set speed of the vehicle, and then keeps the set speed to drive at a</p>

	<p>The set speed of the vehicle > the current following speed;</p> <p>The driver holds the Steering wheel;</p>		<p>constant speed;</p> <p>Control the steering wheel to keep the vehicle centered in the lane</p>
6	<p>The vehicle ahead stops:</p> <p>There are lane lines on both sides of the lane;</p> <p>There are vehicles ahead of the lane;</p> <p>The vehicle has steadily followed the vehicle ahead;</p> <p>The vehicle ahead decelerates to a stop;</p> <p>The driver holds the steering wheel;</p>		<p>The system automatically recognizes that the vehicle in front decelerates, and controls the vehicle to slow down until it stops;</p> <p>Control the steering wheel to keep the vehicle centered in the lane</p>
7	<p>Start with the car ahead:</p> <p>There are lane lines on both sides of the lane;</p> <p>There are vehicles ahead of the lane;</p> <p>The vehicle has</p>		<p>The system automatically recognizes the acceleration of the vehicle ahead, controls the slow acceleration of</p>

	<p>steadily followed the vehicle in front to stop;</p> <p>The vehicle ahead starts (within 90s after stopping);</p> <p>The set speed of the vehicle > the speed of the preceding vehicle;</p> <p>The driver holds the steering wheel;</p>		<p>the vehicle, and follows the speed of the vehicle ahead;</p> <p>Control the steering wheel to keep the vehicle in the middle of the lane</p>
8	<p>No vehicle ahead (Cruise):</p> <p>There are lane lines on both sides of the lane;</p> <p>There is no vehicle ahead of the lane;</p> <p>The driver holds the steering wheel;</p> <p>The vehicle has a tendency to deviate from the lane to the left;</p> <p>Turn signal or hazard warning light is not turned on;</p>		<p>The system travels at a set cruise speed: (30-150)km/h;</p> <p>Control the steering wheel and correct the steering wheel to keep the vehicle centered in the lane</p>

<p>9</p>	<p>No vehicle ahead (Cruise): There are lane lines on both sides of the lane; There is no vehicle ahead of the lane; The driver holds the steering wheel; The vehicle has a tendency to deviate from the lane to the right; Turn signal or hazard warning light is not turned on;</p>		<p>The system travels at a set cruise speed: (30-150)km/h; Control the steering wheel and correct the steering wheel to keep the vehicle centered in the lane</p>
<p>10</p>	<p>No vehicle ahead (Cruise): There are lane lines on both sides of the lane; There is no vehicle ahead of the lane; The driver holds the steering wheel; The vehicle has a tendency to deviate from the lane to the</p>		<p>The system travels at a set cruise speed: (30-150)km/h; The system emits an alarm;</p>

	<p>left and press the line already; Turn signal or hazard warning light is not turned on;</p>		
<p>1 1</p>	<p>No vehicle ahead (Cruise): There are lane lines on both sides of the lane; There is no vehicle ahead of the lane; The driver holds the steering wheel; The vehicle has a tendency to deviate from the lane to the right and press the line already; Turn signal or hazard warning light is not turned on;</p>		<p>The system travels at a set cruise speed: (30-150)km/h; The system emits an alarm;</p>



Warning:

1. This system is driving assistance system, a security principal vehicle navigation system is

activated when the driver is still in the process of using this system, drivers still need to strictly abide by the "People's Republic of China on Road Traffic

Safety Law".

2. This system is suitable for long, straight and flat paved roads with clear lane lines. It is not suitable for scenes in rural roads, intersections, red green light, ramps or urban roads with complex traffic..
3. The cruise control can only be activated when driving on a clear highway in good weather conditions;
4. This system cannot identify crossing and retrograde vehicles (such as: large cars, medium cars, small cars, special vehicles, motorcycles, tricycles, bicycles and all other vehicles), pedestrians, animals, etc. If this happens, the driver needs to actively intervene in braking.
5. This system cannot perceive the traffic situation around or behind the vehicle. Do not rely on this system to ensure a safe and legal driving mode.
6. When the function is turned on, the driver must always focus on the road conditions and intervene in the vehicle when necessary. When the cruise system is activated, the main body of safety is still the driver.;
7. When the cruise system follows the preceding vehicle, the driver needs to take the initiative to take over the vehicle and resume manual driving in large uphill and downhill or curve scenes;
8. When the cruise system is following the preceding vehicle, when the current vehicle brakes at a large deceleration, the driver needs to take the initiative to take over the vehicle

- and resume manual driving;
9. During the cruise system control process, when the target vehicle in the adjacent lane quickly cuts into the vehicle at a close distance, the driver needs to take the initiative to take over the vehicle and resume manual driving.
 10. When the cruise system cannot maintain the minimum time distance with the vehicle in front, for example, when approaching the vehicle in front at a high relative speed. In this case, the driver must take over the longitudinal control of the vehicle;
 11. Regarding stationary objects, the cruise system only recognizes conventional passenger cars and pedestrians, for other stationary vehicles (such as trailers, trucks, flatbed trucks, cement mixers, tricycles, two-wheelers, vehicle trunks are open, etc.) and stationary objects (Such as railings, roadblocks, stones, etc.) do not make identification and judgment, if you need to brake, please take the initiative to step on the brake pedal.
 12. The recognition of stationary targets will be limited by many factors in the cruise system, and may not be able to slow down in time. If there is a stationary target car in front of the lane, the driver needs to take the initiative to take over the vehicle and resume manual driving to avoid collisions with the preceding vehicle;
 13. Incorrect activation of the cruise control function may

cause accidents;

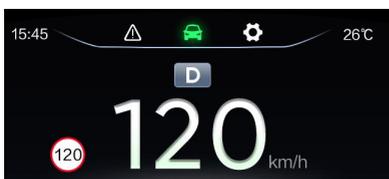
14. The driver must always put his hands on the steering wheel, ready to turn at any time.



Warning:

The above list does not cover all the situations that affect the normal operation of the system. Do not rely on these conditions to ensure your own safety. The driver is responsible for staying alert at all times, driving safely, and controlling the vehicle.

Traffic speed limit sign recognition function(only high model)



Function on

When the vehicle speed is greater than 15km/h and the sign is clearly visible, this function is automatically turned on.

Function display

The speed limit sign information identified by the system is displayed on the instrument, and the display time is generally about 5s.



Caution:

This function can only work when the speed sign is clearly visible. The following conditions will affect the system performance or not work (including but not limited to):

- 1) The speed limit signs are faded and unclear;
- 2) The sign is located on the curve, beyond the detection range of the camera;
- 3) The sign is placed at an

- improper angle;
- 4) The sign installation position is rotated or the sign is partially damaged.;
 - 5) When the sign is completely or partially obscured;
 - 6) When the sign is completely or partially covered by frost, snow, dust, etc.;
 - 7) The speed limit sign is too far or too high;
 - 8) Speed limit reminders or signs attached to the road surface;
 - 9) When visibility is low (such as rain and snow, fog, night, etc.);
 - 10) When strong light illuminates the camera or the light intensity changes suddenly;
 - 11) When the front windshield around the camera is dirty, damaged or covered;
 - 12) When driving close to the vehicle in front, obstructing

the detection range of the camera;

- 13) Cancel the speed limit sign, the system cannot distinguish.
- 14) When the vehicle speed is too low ($< 15\text{km/h}$).



Warning:

The Traffic speed limit sign recognition function is only used to remind the driver to pay attention to the traffic speed limit signs. It is not applicable to all situations and cannot replace the driver's judgment on the road speed limit information. The driver must always drive carefully and comply with applicable laws and road traffic rules under any circumstances, and be responsible for the safety of the vehicle.



Warning:

The above list does not cover all the situations that affect the

normal operation of the system. Do not rely on these conditions to ensure your own safety. The driver is responsible for staying alert at all times, driving safely, and controlling the vehicle.

Intelligent

Headlight

Control(only high model)

Function on:

When the light switch is Auto, and the vehicle speed is > 30km/h, the system is turned on.

Function activation:

1. The surrounding environment is very dark at night, automatically turn on high beam;
2. When an oncoming car is detected, the high beam is automatically turned off;
3. The street light is bright at

night, and the high beam is automatically turned off.

Function off:

The light switch is OFF, the system is turned off.

 Warm reminders:

When the light switch is AUTO and the light control lever is in high beam on, the system will give priority to the driver's operation and turn on the high beam. At this time, the system will not perform the high and low beam control function and is in the standby state. When the switch is dialed back to the low beam position, the system reopens automatically.

 Warning:

Intelligent Headlight Control is the function of assisting driving to switch light control. It is not suitable for all road conditions. The light state suitable for actual road conditions is still subject to the driver's

subjective judgment. In the process of using this system, the driver still needs Strictly abide by the "People's Republic of China Road Traffic Safety Law".

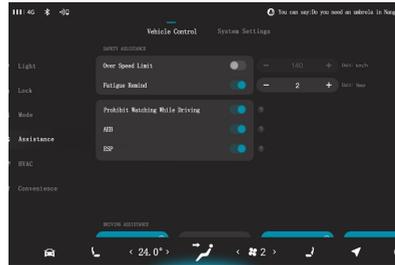
Automatic Emergency Braking system(for highest model)

If the driver encounters a potential forward collision hazard state inattentive, using this system can help the driver to give early warning or alleviate or even avoid the collision accident.

Function on:

The "Automatic Emergency Braking" switch is turned on in the multimedia display, and it is turned on by default every time

the vehicle starts.



Function activation:

1. When the vehicle speed is greater than 15km/h, and the vehicle is close to the vehicle ahead or the pedestrian target, the system judges that there is a risk of collision in a relatively short period of time, The forward collision warning system is activated, the system will send out a text or sound warning through the meter, and display the corresponding icon on the meter;



- When the vehicle speed is greater than 20km/h and the collision risk is more urgent, in addition to text or sound warning, the system will also trigger a spot brake warning to remind the driver of the potential collision risk;



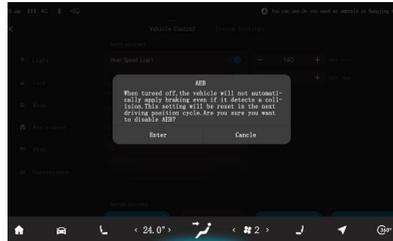
or the driver has stepped on the brake pedal but the braking force is insufficient to avoid a collision, the system will control the vehicle for emergency braking.



- When the vehicle speed is greater than 25km/h, the distance between the vehicle and the vehicle ahead is closer, and the driver is still distracted and has no intention of braking,

Function closed:

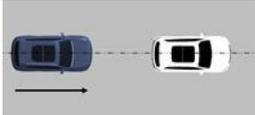
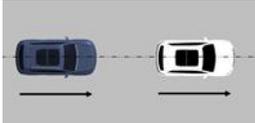
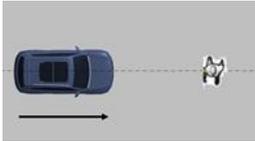
"Automatic Emergency Braking" switch in centre console is closed.

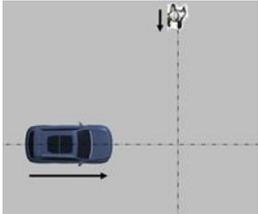


Caution : Scenes applicable to AEB under normal circumstances are as follows:

Scenes for AEB:

No.	Scenes	Icon description
-----	--------	------------------

1	<p>Car ahead stopped</p> <p>The vehicle ahead stops;</p> <p>The lateral distance between the axis of the front vehicle and the axis of the vehicle <130cm;</p> <p>The speed of the vehicle is $\leq 40\text{km/h}$;</p>	
2	<p>The car ahead is slow</p> <p>The vehicle ahead travels at a low speed and at a constant speed;</p> <p>The lateral distance between the axis of the front vehicle and the axis of the vehicle <130cm;</p> <p>The speed of the preceding vehicle < the speed of the own vehicle $\leq 40\text{km/h}$;</p>	
3	<p>Pedestrian stop</p> <p>Pedestrians stop ahead;</p> <p>Longitudinal distance between pedestrian and vehicle > 150m</p> <p>The lateral distance between pedestrians and the axis of the vehicle</p>	

	<p><50cm; The speed of the vehicle is $\leq 40\text{km/h}$;</p>	
4	<p>Pedestrian crossing Pedestrians crossing the road ahead; The longitudinal distance between pedestrians and vehicles $> 150\text{m}$; The lateral distance between pedestrians and the vehicle axis $\geq 4\text{m}$; Pedestrian movement speed $\leq 6\text{km/h}$; The speed of the vehicle is $\leq 40\text{km/h}$;</p>	



Warning:

1. The automatic emergency braking function can assist the driver in braking in particularly dangerous situations, so as to reduce the risk of collision, but the driver should not rely too much on the help of the system.
2. This function is a

non-comfortable function. Under the premise of ensuring safety, a larger braking force will be generated when the system is activated, which will bring uncomfortable feeling to driving. This is a normal performance.

3. The automatic emergency braking function is used as the driving assistance

system. During the opening process, the safety subject is still the driver. AEB cannot replace the normal braking function. During the use of this system, the driver still needs to strictly abide by the "People's Republic of China Road Traffic Safety Law" 》.

4. In addition to testing and verifying the AEB function under special scenarios such as the closed test area, the driver still needs to maintain sufficient attention under normal road driving conditions, and cannot deliberately allow the vehicle to perform emergency braking to avoid collisions when the vehicle is in a dangerous state.;
5. The automatic emergency braking system does not respond to oncoming vehicles and laterally moving vehicles;
6. The prerequisite for the automatic emergency braking system to respond to the relevant target is that the target must be in the radar field of view and recognized. For the target that cuts into the target, the target that is detected after the own vehicle changes lanes, and the target on a sharp turn road, the system Performance will be greatly limited;
7. Don't follow the car too close. When encountering a potentially dangerous situation, especially when the vehicle in front changes lanes and inserts at a short distance, the driver's attention is particularly required, and the driver must actively intervene in the vehicle to ensure safe driving.
8. Severe weather conditions,

such as heavy rain, snow, etc., will cause the system function to decline. In this case, the relevant target will not be detected by the system or the detection time is too late;



Warning:

1. The above list does not describe all the situations that affect the normal operation of the system. Do not rely on these conditions to ensure your own safety. The driver is responsible for staying alert at all times, driving safely, and controlling the vehicle.

ETC (Electronic Toll Collection) is an automatic toll collection system for highways or bridges. Through dedicated short-range communication between the on-board electronic label installed on the windshield of the vehicle and the microwave antenna on the ETC lane of the toll station, using computer networking technology to conduct background settlement processing with banks, so as to achieve the purpose of paying highway or bridge fees without stopping the vehicle through the highway or bridge toll station. This toll system takes less than two seconds to charge for each vehicle, and the capacity of the toll channel is 5 to 10 times of the manual toll channel. The use of a fully automatic electronic toll system can make the road toll management paperless and cashless , eliminate the loss of toll fares

ETC (Electronic Toll Collection) function

description

Introduction:

fundamentally and solve the problem of financial management confusion in highway tolls. In addition, the implementation of a fully automated electronic toll collection system can also save infrastructure and management costs.

Installation position:

Take the windshield in front of the vehicle as the reference plane, the driver position is the left, and the installation position is as shown in the figure below:



In-car ETC instructions:

1. Self-check reminder:

The front-mounted single-chip self-test is divided into power-on self-test, ACC

power-on self-test and long-press Bluetooth button self-test.

(1) Successful self-check: the buzzer beeps once, and the green indicator turns on and off once.

(2) Self-inspection failed (tamper failure): the buzzer beeps once; the red indicator turns on and off once.

(3) Self-check failure (other failures): the buzzer beeps once; the red indicator goes out once after a long time on.

2. Transaction reminder:

When OBU and RSU conduct a transaction, it will prompt the customer "the transaction is normal" or "the transaction is abnormal" through the LED and buzzer.

(1) Successful transaction: the buzzer beeps once; the green indicator turns on and off once.

(2) Transaction failure: respond according to RSU's

sending instruction, the buzzer beeps three times; the red indicator turns on and off once.

3. Bluetooth on and off reminder:

Press the button twice in succession, between 200ms and 1s, turn on Bluetooth

(1) Bluetooth turned on successfully: the buzzer beeps once; green indicator constant light.

(2) Bluetooth failed to turn on: the buzzer beeps three times.

4. Anti-dismantling lifting reminder detection:

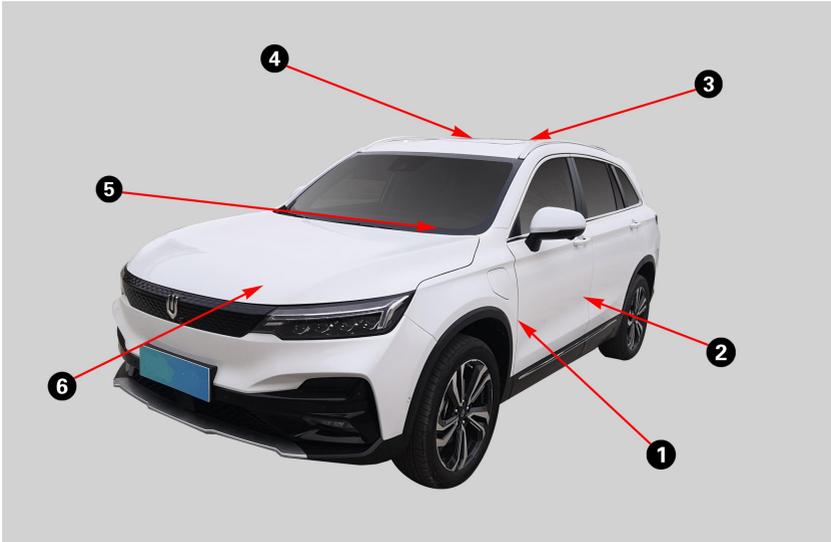
(1) Anti-dismantling lift up: the buzzer beeps once; the red indicator turns on and off once.

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Chapter 9: Vehicle specifications

Vehicle Identification Number



1. VIN code is located below the mounting hole of the stopper on the left side panel
2. VIN code is located on the back side of the left front door panel
3. The VIN code is located on the inner board of the tailgate
4. VIN code is located under the hinge on the right tailgate
5. VIN code is located in the VIN slot on the left front side of the dashboard
6. VIN code is located at the upper left end of the inner panel of the hood

1. VIN code is located below the mounting hole of the stopper on the left side panel



2. VIN code is located on the back side of the left front door panel
3. The VIN code is located on the inner board of the tailgate

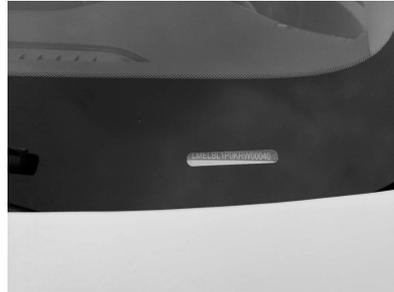


4. VIN code is located under

the hinge on the right side of the back door



5. VIN code is located in the VIN slot on the left front side of the dashboard



6. VIN code is located at the upper left end of the inner panel of the hood



VIN code description

Item	Description	Item	Description
1~3	World Manufacturer Identifier Code	8	Drive motor characteristics
4	Vehicle Brands	9	Check bit
5	Body type	10	Year code
6	Restraint system	11	Assembly plant code
7	Motor transmission type	12~17	Production order No.

Manufacturer nameplate

Manufacturer nameplate is located at the bottom of the B-pillar on the right side. The vehicle model, number of passengers, motor model and Vehicle Identification Number

are marked on the manufacturer nameplate.



Nanjing Jinlong Bus Manufacturing Co., Ltd.
 Brand SKYWELL
 Model [XXXXXXXXXX] Country China
 Date [XXXX year XX month] Passenger [5]
 Motor model [XXXXXXXXXXXX]
 Motor peak power [XXXX kW]
 Power battery system rated voltage [XXX V]
 Power battery system rated power [XXX Ah]
 Maximum allowable total mass [XXX kg]
 VIN [XXXXXXXXXXXXXXXXXXXX]

lock



Warning label

The tire pressure label is located under the B-pillar



Airbag warning sign is located on the right sun visor

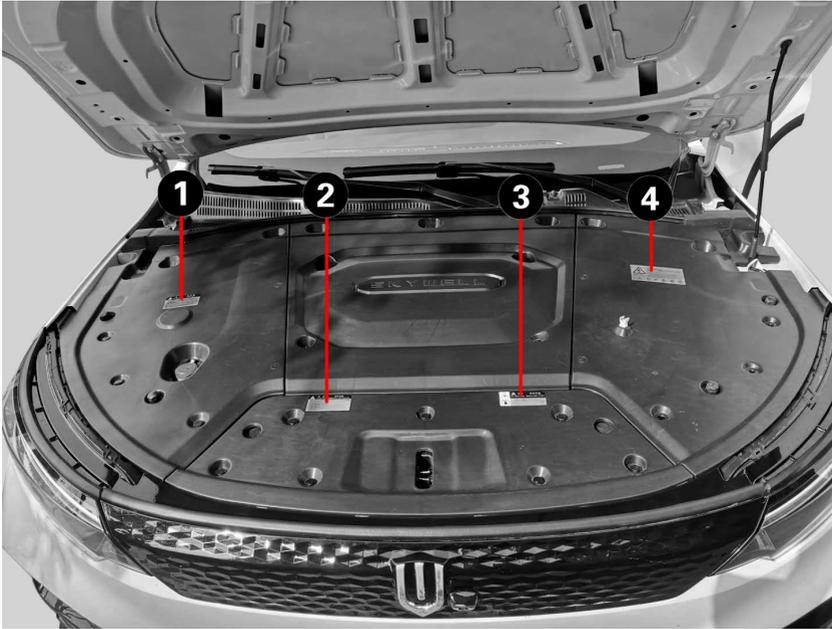


轮胎气压 Tire Pressure		
轮胎规格 TIRE SIZE DESIGNATION	气压 PRESSURE kPa	
	前 FRONT	后 REAR
235/55 R18 100V	240	240
235/50 R19 99V	240	240



The child protection device sign is located under the child

Front cabin label



1. Coolant label
2. Operation instructions label
3. Cooling fan label
4. High voltage danger warning label

The coolant label is located on the upper left side of the inside of the Front cabin



Operation description label is located on the inside front of the Front cabin



The warning label of the cooling fan is located on the inside front of the Front cabin



The high voltage danger warning label is located on the upper right side of the Front

cabin



The air conditioning system sign is located on the Front cabin



Charging safety

precautions label

The charging safety precautions label is located inside the charging port



Specification

Model name		NJL6470BEV500			
Dimensions (mm)		length*width*height		4698*1908*1696	
Axle track (mm)		front		1625	
		rear		1625	
Wheelbase (mm)		2800			
Quality parameter (kg)	Curb weight		1920		
	Fully loaded weight		2295		
	Axle load distribution	No load	front axle	1093	
			rear axle	878.4	
		Fully load	front axle	1164	
			rear axle	1114.5	

Tire	specification	235/50R19,235/55R18	
	Tire pressure (Mpa)	front wheel	0.24
		rear wheel	0.24
Approach angle (°full load)		19	
Departure angle (°full load)		22	
Front suspension (mm)		921	
Rear suspension (mm)		977	
Maximum grade%		38	
Number of crew (person)		5	
Maximum speed (km/h)		150	
Drive motor rated power/speed/torque (kW/r/min/N·m)		65	
Brake friction plate (mm)		Front friction material thickness: 28	
		Rear friction material thickness: 12	
Reasonable range of brake disc (mm)		Front brake: 26~28	
		Rear disc brake: 9~12	
Wheel dynamic balance requirements (g)		10	
Power battery	Type	Ternary lithium ion power battery	
	Rated capacity (AH)	151.5Ah	
Wheel alignment parameters	Front wheel camber (°)	$-0.1^{\circ} \pm 0.5^{\circ}$	
	Toe (mm)	$0.11^{\circ} \pm 5'$	

King pin inclination (°)	$11.56^{\circ} \pm 0.5^{\circ}$
Caster angle (°)	$5.7^{\circ} \pm 0.5^{\circ}$
Rear wheel camber (°)	$-1^{\circ} \pm 0.5^{\circ}$
Rear wheel toe (mm)	$0.21^{\circ} \pm 5'$

Main performance parameters

Rated power of charger	6.6kW
DC-DC rated output current	180A
DC-DC rated output voltage	$14 \pm 0.25V$
DC-DC input voltage range	240~450V

Motor

Model	TZ200XSJ
Maximum output power	150kW
Rated power	65kW
Peak speed	15000r
Maximum output torque	320 N•m
Rated torque	135N•m
Weight	95.3Kg

Reducer

Peak torque	320 N•m
Maximum input speed	15000r
Speed ratio	10.75

Power battery

Type	PBM375192-A01	
Battery type	Ternary lithium ion power battery	
Rated voltage	374.92V	
Working voltage	283.25~442.9V	
Charging time	DC charging	0.5h(380v)30%-80%
	AC charging	11h
Available energy	68.385kW•h	
Rated capacity	71.984 kW•h	
Weight	442Kg	
Cooling method	Liquid cooling	
Working temperature	-30°C -55°C	

Vehicle oil

Item	Specification	Capacity	Replacement cycle
Reducer oil	Total TRANSTECAPIGL-475W-90	0.85 ± 0.1L	24 months or 40,000 kilometers
Brake fluid	HZY4 or DOT4	0.6-0.7L	24 months or 40,000 kilometers
Coolant	50% glycol + 50%water	11L	/
Detergent	E-300	2.5L	/
Air	R-134a	650 ± 10g	/

conditioning refrigerant			
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Caution:

1. Antifreeze will corrode the paint surface, so be careful to add antifreeze in the process of adding detergent;
2. Do not mix water and washing liquid, water may cause the washing liquid to freeze and damage the washing liquid pot and other parts of the washing system.

Light

Light name	Standard light source (Type/Model)
Low beam	LED
High beam	LED
DRL	LED
Front position light	LED
Front fog light	LED
Rear fog light	Halogen
Brake light	LED
High mounted	LED

stop light	
Reversing light	LED
Turn signal light	LED
Rear position light	LED
Plant light	LED
Ambient light	LED
Front dome light	LED
Rear dome light	LED

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Chapter 10:

Vehicle

maintenance

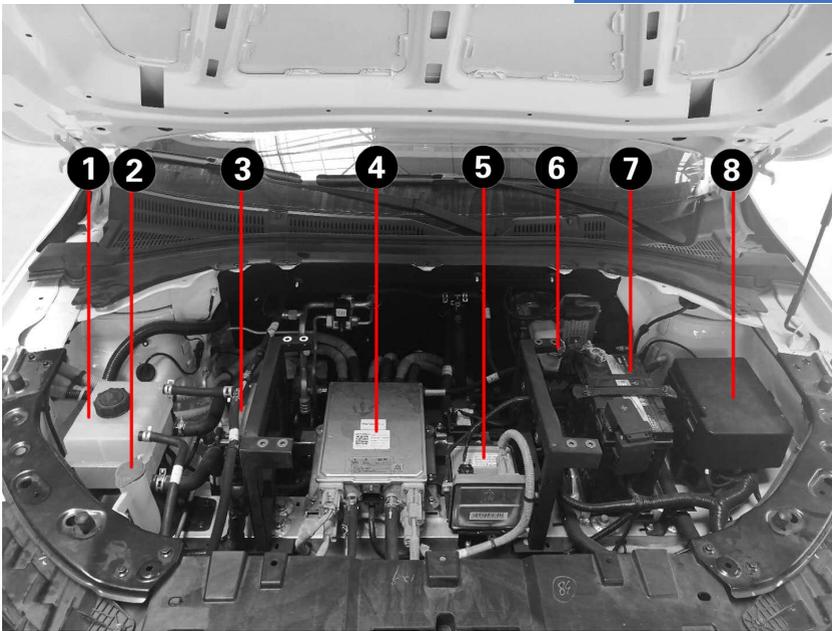
Maintenance

instructions

Regular maintenance of the vehicle during use is essential. Please strictly follow the contents of this manual for

maintenance to ensure that the vehicle maintains the best performance and good running condition, and effectively extends the service life of the vehicle. Regular maintenance can also detect and eliminate hidden dangers in time to prevent malfunction.

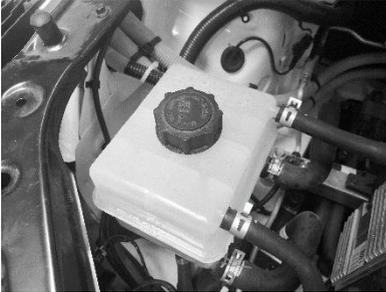
Please use the brake fluid and coolant recommended in this manual, otherwise the vehicle will be damaged.



1. Expansion kettle
2. Washing pot
3. Vehicle control unit(VCU)
4. Power trinity
5. Air conditioning PTC
6. Brake fluid kettle
7. Battery
8. Front fuse box assembly

Coolant

Check whether the coolant level is between the MAX and MIN marks. If the liquid level is at or below the MIN mark, you need to add a cooler until it is between MAX and MIN.



 Caution:

1. If the liquid level drops too fast, check the radiator, water pipe and other parts for leakage;
2. Coolant (50% glycol + 50% water) must be added to ensure normal anti-corrosion and cooling performance.

 Warning:

1. Coolant is toxic. Be careful when adding coolant to avoid spilling on any parts of the vehicle, human body, or the ground. If the liquid contacts the skin or eyes accidentally, rinse with plenty of water and seek medical attention immediately;
2. When the coolant temperature is high, there may be pressure inside the cooling system, and removing the lid may cause burns or other injuries because of the hot coolant spray.

Brake fluid

The normal level of brake fluid should be between the MIN and MAX marks, and brake fluid needs to be added if it is at or below the MIN mark.



 **Caution:**

1. If Brake fluid splashes on the paint surface of the car body, wipe it with a wet sponge or clean it with water to prevent corrosion of the parts or paint surface;
2. Brake fluid has strong water absorption, please do not open the brake fluid kettle cover for a long time;
3. Add brake fluid which must be specified model (HZY4 or DOT4) to ensure normal braking performance;

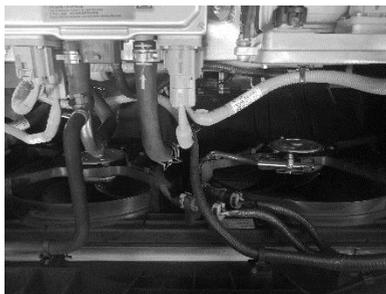
 **Warning:**

Do not allow brake fluid to contact skin or eyes. If brake

fluid splashes on skin or eyes, rinse immediately with plenty of water, and seek medical attention if necessary.

Radiator and condenser

The windward side of the condenser and radiator will be blocked by some insects, leaves and other debris after a period of driving. It will affect the performance of the air conditioning and cooling system, causing the air conditioning to not operate normally, and the cooling system overheat. At this time, it is necessary to clean the radiator and condenser.



 Caution:

The material of the radiator fins has good heat conduction characteristics, and plays a role of heat dissipation for the coolant. Do not scrub the fins, otherwise it may damage the fins and affect the heat dissipation effect.

Battery

Ensure that the battery terminals are not corroded, the connection parts are not loose and there are no external cracks.

 Caution:

1. Make sure the battery is

installed firmly;

2. Make sure the top of the battery is clean and dry;
3. Keep the connecting terminals and connectors clean and firm;
4. The battery should be disconnected if the vehicle is not used for a long time, and the battery should be charged every six weeks;
5. The positive and negative poles of the battery should be connected to the positive and negative poles of the vehicle respectively. Reverse connection is strictly prohibited, otherwise the vehicle electrical equipment will be damaged;
6. The battery must not be tilted or used upside down to prevent electrolyte leakage.

Add washing

liquid

If the nozzle of the washer can not spray the washing liquid, stop operating the washer and check whether add washing liquid is needed. If it still does not work after adding washing liquid, please go to Jiangsu Skywell authorized service provider for repair as soon as possible.



 Caution:

1. Do not add the wrong antifreeze to the washing pot, the antifreeze will damage the paint;

2. Do not use clean water instead of detergent.

Check the wiper

blade

Use your finger to slide the edge of the wiper blade to check its roughness, too rough will affect the effect of the wiper blade.



 Caution:

1. To prevent damage to the wiper blades in winter, make sure that the wiper blades are not frozen on the glass before operating

- the wiper;
2. Do not use wiper blades to defrost or de-ice the windshield;
 3. When the scraper is lifted for maintenance, the middle connector of the scraper should be picked up correctly;
 4. Do not use a high-pressure water gun to directly wash the wiper blade when washing the car, which will cause the blade to deform;
 5. In order to prevent the formation of schlieren, use glass detergent to clean the wiper blade regularly, and it is recommended to be once a week.

Check the tire pressure

Check tire pressure at least once a month and correct pressure as needed. Improper tire inflation will

shorten tire life and reduce vehicle stability. Please keep the correct tire pressure when driving.

Be sure to maintain proper tire pressure, otherwise the following conditions may occur and cause accidents, resulting in serious injury or even death: excessive wear; uneven wear; poor handling; tire may blow out due to overheating; poor bead sealing; wheel deformation or Tires fall off; tires are more likely to be damaged due to poor road conditions.



Caution:

1. Use a tire pressure gauge to check the tire pressure when the tire is cold, and visually judge the tire pressure may not be accurate;
2. It is normal that the tire pressure will increase after the vehicle has been driven

- for a period of time;
3. Make sure to install the tire valve cover, otherwise dust will enter the valve core and cause blockage. If the valve cover is lost, please install a new valve cover immediately;
 4. If the tire leaks during driving, please do not continue driving, even a short distance may cause irreparable damage to the tire;
 5. If tires need to be inflated frequently, please go to Jiangsu Skywell authorized service provider for maintenance as soon as possible.

Check tire

Check the tire surface according to the tread wear mark line. After the tread wear reaches a certain limit, the tread will be on the same plane with the wear belt. When the

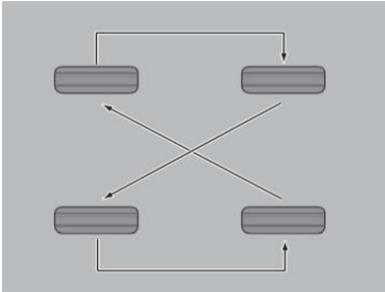
wear belt and the tread are on the same plane, the performance and safety of the tire are greatly reduced, and the tire must be replaced.

If the tire often leaks or cannot be repaired properly due to cuts and other injuries, the tire should be replaced.



Tire transposition

In order to make the tires wear evenly and prolong the service life of the tires, the tires need to be adjusted regularly. It is recommended to transposition the four wheels once for 10,000 kilometers..



Warning:

Please observe the following precautions, otherwise the handling performance of the vehicle will be imaged, causing an accident, leading to serious injury or even death:

1. Do not mix tires with different manufacturers, models or tread patterns;
2. Do not mix tires with different structures;
3. Do not use tires used by other vehicles;
4. Do not use tires that are unfamiliar with their usage.

Power battery

The power battery is arranged

under the floor of the vehicle. Try to avoid leaving the power battery assembly for a long time. It is recommended to charge and discharge the power battery every two months.

Caution:

1. The power battery assembly is equipped with a thermal management system, but users are still advised to minimize the use of power battery in extremely high and low temperature environments.;
2. The after-sales service provider of the new energy vehicle shall verify the information of the owner of the new energy vehicle when repairing, disassembling and replacing the power battery, and repair, disassemble, replace, and store the power battery in

- accordance with the technical information requirements such as the maintenance manual and storage. Hand over the used power battery to the recycling service outlets, not to other units or individuals;
3. When the power battery needs to be repaired and replaced, the owner of the new energy vehicle should send the new energy vehicle to a competent after-sales service organization for repair and replacement of the power battery; When new energy vehicles meet the requirements for scrapped automobiles, they should be sent to scrapped automobile recycling and dismantling enterprises to disassemble the power battery. The owner of the power battery should transfer the used power battery to the service outlet. Hand over the used power battery to other units or individuals, dismantle and disassemble the power battery privately, the owner shall bear the corresponding responsibility for the environmental pollution or safety accident caused;
 4. When the capacity of the power battery decreases significantly, please contact Jiangsu Skywell authorized service provider to monitor and maintain the power battery, and replace the power battery assembly if necessary;
 5. The appearance of the power battery should be checked regularly. When bumps, cracks, etc. occur, please go to the service station for maintenance and inspection as soon as

possible;

6. All the fixing bolts after disassembly of the power battery need to be replaced with new ones. Old bolts are strictly prohibited to use to avoid abnormal attenuation of tightening torque.

Power battery

deep discharge

When the SOC is less than 5%, the vehicle will run with limited power and the maximum speed is 20km/h. Turn on the deep discharge function on the large screen, and the vehicle can drive normally.



Caution:

Long battery life and deep discharge will open the battery 100% charge and discharge window, which will affect the service life of the battery. The driving data will be reported to

the data terminal for backup..



Warning:

The high voltage of power battery is very dangerous, non-professionals are strictly prohibited to disassemble or repair the power battery.

Vehicle cleaning

The following conditions will cause peeling of the paint layer or corrosion of the body and parts, and the vehicle must be cleaned in time:

1. When driving along the coast;
2. When driving on roads sprinkled with antifreeze;
3. When driving on roads with coal tar;
4. When resin, bird droppings and insect carcasses are stuck to the vehicle;
5. When driving in an area containing a lot of smoke, soot, dust, iron filings or chemical substances;

6. When the vehicle is obviously soiled by dust and mud;
7. After the rain.

Manual vehicles cleaning

In a cool place, wait for the vehicle to cool down sufficiently before washing the vehicle.

1. Use a water pipe to wash away the loose dirt, and wash away all the mud or road salt at the bottom of the vehicle and the recesses of the wheels;
2. Clean the vehicle with a neutral car wash. The mixing of the car wash should be carried out according to the manufacturer's instructions. Dip a soft cloth with the cleaning solution, and wipe gently from top to bottom in the direction of the water

flow. Do not wipe in a circle or horizontally;

3. Rinse sufficiently-markings will be formed after the car washing agent is air-dried. After washing the car in hot weather, all parts must be rinsed with clean water correctly;
4. Dry the car body with a clean soft towel to prevent water marks, avoid rubbing or pressing hard, otherwise it will scratch the paint surface.



Warm reminders:

1. Do not use alkaline detergent, soapy water, detergent, dewaxing detergent, organic matter (gasoline, kerosene, volatile oil or strong solvent);
2. When cleaning the combination lamp, please do not use gasoline, alcohol, banana water,

thinner, carbon tetrachloride and other chemical solvents to wipe the surface of the combination lamp, otherwise it will cause the combination lamp mask to crack;

3. Vehicles driving along the coast or heavily polluted areas are recommended to be washed once a day;
4. Do not use scraping or gasoline to remove the dirt on the body. If any organic matter is splashed on the plastic decorative parts, be sure to wash it off with water and check whether the decorative parts are damaged. Please replace the severely damaged plastic decorative parts in time;
5. Do not use cleaning agents containing abrasives.

Automatic vehicle cleaning

Automatic vehicle cleaning stations must pay attention to certain types of brushes, unfiltered flushing water or the machine's custom flushing procedures that may scratch the paint surface. Scratches on the painted surface will reduce the durability and gloss of the painted surface, especially for dark vehicles. Before washing the car, it is best to consult the staff at the station to understand which car washing procedure is the safest for the paint surface of the car.

Exterior cleaning

When cleaning the exterior of the car, follow the steps below:

1. Preparation before cleaning-close the door, sunroof, rear trunk, turn off the ignition switch, and

- check whether the charging port is completely closed;
2. Thoroughly rinse-before cleaning, use a hose to rinse off dirt and grit from the body. Please wash out the parts prone to dust or silt (such as wheel arches and panel joints). If paving salt is used on the highway pavement (for example in winter), all traces of paving salt on the bottom of the vehicle must be thoroughly washed away;
 3. Hand wash-add a high-quality neutral car cleaner in cold or warm water, soak a soft cloth, and wash the exterior of the car by hand;
 4. Rinse with clean water-after cleaning, rinse with clean water to prevent the residual soap on the surface from drying out;
 5. Thoroughly dry and clean

the external glass-after cleaning and rinsing, dry it thoroughly with an absorbent towel. Clean the window and rearview mirror with car glass cleaner. Scratching the glass or mirror or using any abrasive cleaning fluid is strictly prohibited.



Warning:

1. Do not use windshield washer fluid. Using windshield washer fluid will hinder the wiper function and cause chattering noise;
2. Do not use hot water and detergent;
3. In hot weather, do not wash under direct sunlight;
4. If a pressure washer is used, the nozzle must be at least 30 cm away from the surface of the car body. Keep the nozzle moving, and don't spray water on a certain part continuously.

- Do not spray water from the nozzle towards the charging port;
5. Do not spray water directly from the hose toward the window, door or front trunk cover seal, or spray water into the brake parts through the hub hole;
 6. Avoid using cotton flannel or coarse cloth, such as car cleaning gloves;
 7. If the automatic vehicle cleaning machine is used for cleaning, only the non-contact car washing machine can be used. This type of car washing machine has no parts (brushes, etc.) that touch the surface of the car body. Damage caused by using any other type of car washing machine is not covered by the warranty;
 8. Do not use chemical tire cleaners, otherwise it may damage the surface of the wheel;
 9. The rear-view camera or radar sensor should avoid using high-pressure cleaners. Do not use sharp or rough objects to clean the sensor or camera lens, otherwise it will scratch or damage its surface.

Cleaning and maintenance of external plastic parts

Usually clean with water, soft cloth and soft brush.



Caution:

Do not use solvent-containing cleaning materials when cleaning plastic parts, otherwise it will easily cause damage to the plastic parts.

Window and rearview mirror cleaning

Clean the car window glass and rearview mirror with an alcohol-based glass cleaner, and then dry the glass surface with a clean lint-free soft cloth or antelope skin.

After curing the surface of the car body, the wax remaining on the glass should be removed with a special cleaner and a cleaning cloth. So as not to scratch the wiper.

Use a small brush to remove the snow on the window and rearview mirror.

Use deicing spray to remove ice buildup. Deicing shovel can also be used, but special care is required to avoid damage to the components, and it must be used in the same direction for deicing.



Caution:

1. Never scratch back and forth;
2. It is forbidden to use warm water or hot water to clear the ice and snow on the wind window and Rearview mirror. Otherwise it may cause the glass to burst;
3. If there are residual rubber, grease and silicone substances on the glass, it must be removed with a special window cleaner or silicone cleaner.

Maintenance of sealing strip

When maintaining the sealing strip, use a soft cloth to remove surface dust and dirt. Use special protective agent to coat rubber sealing strips regularly.

Wiper blade

cleaning

Contaminants on the wiper blade may reduce the effect of the wiper blade. Contaminants include ice, car wash wax, cleaning fluids containing bacteria/water repellents, bird droppings, tree sap and other organic substances. Please follow the instructions below for cleaning:

1. Clean the windshield with a non-abrasive glass cleaner;
2. Lift the wiper arm from the windshield slightly, and get close enough to the wiper blade, and then use isopropyl alcohol (rubbing) or wiper cleaning fluid to clean the wiper blade.

If the wiper blade is still ineffective after cleaning, the wiper blade may need to be replaced.



Caution:

1. Be careful when putting down the wiper arm to prevent it from falling and hitting the windshield;
2. The surface of the wiper blade is coated with a layer of graphite to make the scraping smoothly without scratching noise. Solvent-containing cleaning agents, hard sponges and sharp objects can damage the graphite layer. Damage to the graphite layer will increase the noise of the wiper and should be replaced in time;
3. In winter or cold conditions, be sure to check whether the wiper is frozen with the windshield before using the wiper. If yes, perform deicing first. Otherwise it will cause damage to the wiper blade and wiper motor;

4. Only use cleaning products certified for automotive glass and rubber. Improper use may cause damage or dirt, causing glare on the windshield.

Headlamp cleaning

Do not use aggressive abrasives or chemical solvents to avoid damage to the headlamp plastic lens. Do not wipe the lamp or clean the lens with sharp objects when the mirror surface is dry. It is forbidden to wash the tail of the headlight with a high-pressure water gun to prevent water from entering the headlight.

Wheel cleaning

The cleaning of the wheels should depend on the mileage. It is recommended to clean the wheels once a week to avoid the accumulation of dust during

braking. Use wheel cleaner, warm water and soft sponge to clean the wheels. Do not use friction materials to avoid damage to the tire surface and rim.

Interior cleaning

Check and clean the interior frequently to keep clean as new and prevent premature wear. If possible, wipe off stains and remove stains immediately. For general cleaning, use a soft cloth (such as ultra-fine mcbride) dipped in a mixture of warm water and a mild neutral detergent to wipe the interior panel (before use, you can select a hidden part to test the detergent). To avoid streaks, wipe dry with a soft, lint-free cloth immediately.

Interior glass

It is strictly forbidden to scratch or use any abrasive cleaning fluid on the glass or mirror. Otherwise, the reflective

surface of the mirror and the heating element of the rear window may be damaged.

Instrument panel and plastic surface

It is strictly forbidden to polish the upper surface of the instrument panel. The polished surface tends to reflect light and may interfere with the driving vision.

Seat

Use a soft cloth dipped in warm water and neutral soap to wipe the stains as soon as possible. Wipe gently in a circular motion. After cleaning, let the seat air dry.

Seat belt

Pull out the seat belt and wipe it. Do not use any type of cleaner or chemical cleaner. Pull out the seat belt and let it dry naturally. It is best to keep away from direct sunlight.

Car carpet

Avoid using wet carpets. For heavily dirty areas, a diluted

car interior cleaner can be used.

Centre console and dashboard
Clean the touch screen and dashboard with a special lint-free soft cloth. Do not use cleaning agents (such as glass cleaner), do not use wet wipes or dry wipes with static electricity.

Chromed surface and metal surface

Polishes, abrasive cleaners or hard cloths can damage the finish of chrome-plated surfaces and metal surfaces.



Warning:

Do not allow any water, detergent or fabric to enter the seat belt device.



Caution:

1. Use of solvents (including alcohol), bleach, citrus cleaner, naphtha, silicon-based products or

additives can damage the interior;

2. Electrostatic substances can cause damage to the touch screen and dashboard.

Polishing, refinishing and car body repair

☑ Occasionally use approved polishing agents to treat the paint surface and maintain the appearance of the car body. This polishing agent contains: Very mild abrasive composition: it can remove surface dirt without removing or damaging the paint.

Filler: It can fill up scratches and make them inconspicuous.

Waxing: Form a protective layer between the car paint and environmental factors.

Regularly check the car exterior paint for damage.

Repair nicks, cracks or scratches. Body repairs should be carried out by Jiangsu Skywell authorized service providers.



Caution:

1. Do not use abrasive pastes, color reduction compounds or polishing agents containing caustic abrasives. Such products will scrub the surface forcefully and cause permanent damage to the paint;
2. Do not use chrome polishes or other abrasive cleaners.

Use car cover

Cover the vehicle with a car cover when not in use.



 Warning:

Do not use a vehicle car hood while charging, use the car cover can cause power battery can not be adequately cooled during the charging process.

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Chapter 11: Emergency rescue

Vehicle emergency handling

Most of the dangers in driving happen suddenly. Only by grasping the operation of the vehicle under emergency conditions, making judgments in an instant and taking corresponding technical measures can prevent accidents, reduce accident losses and casualties.

Hazard warning lights



If you park a vehicle in a place that may cause a traffic accident, you must turn on the hazard warning lights to remind the drivers of other vehicles to pay attention, and park the vehicle as far away from the road as possible.

The hazard warning lights switch is located in the middle of the switch of the central control panel. Press the hazard warning lights switch to turn on the hazard warning lights, and press the switch again to turn it off.

Reflective vest

Reflective vest is located under the carpet in the trunk of the vehicle.



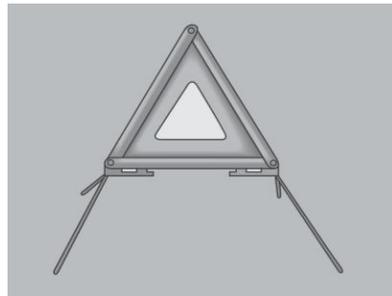
If the driver needs to stop for maintenance due to a sudden malfunction or an accident occurs, wear the reflective vest with the reflective strips facing outwards; use the reflective performance of the reflective vest to remind other vehicles to avoid, so as to avoid secondary accidents.

Warning triangle

The Warning triangle is located under the carpet in the trunk of the vehicle.

The driver parks for maintenance due to sudden

malfunction or an accident occurs, and uses the reflective performance of the warning triangle to remind other vehicles to avoid, so as to avoid secondary accidents.



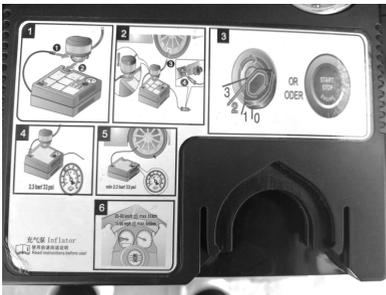
 Caution:

1. On general roads, drivers should set up warning signs 50m away from the direction of the vehicle;
2. A warning sign should be set up 150m away on the highway;
3. If it is raining or at a turn, the warning signs must be kept 150m away, so that the vehicles behind can

find the warning signs early.

Tire sealant and air pump

Tire sealant and air pump is located in the toolbox under the carpet in the trunk of the vehicle.



When the driver encounters a flat tire during driving, he can

inject tire repair fluid into the flat tire and replenish the tire pressure to the normal value.

Measures to be taken in an emergency

Tire leaks while driving

If the tire is flat during driving, you need to slowly reduce the speed, hold the steering wheel firmly with both hands and keep the vehicle driving straight. Park the vehicle in a safe place away from the main traffic lanes, and park the vehicle on a solid and flat ground as much as possible, and avoid parking the vehicle in the middle or on the fork of highway.

1. Apply the parking brake and turn the gear to P

- position.
2. Turn off the vehicle and turn on hazard warning lights.
 3. All people in the car should get off, stay on the side of the road and avoid traffic.
 4. Place the warning triangle 50-100m behind the vehicle, the distance depends on the situation.
 5. Inject tire repair fluid into flat tires and replenish tire pressure to normal values.

Electrical fire

If electrical fire occurs, please observe the following operations and contact Jiangsu Skywell authorized service provider as soon as possible.

1. Self-protection, do not inhale smoke.
2. Call for help.
3. Carbon dioxide fire extinguishers or foam fire extinguishers should be used to extinguish

electrical fires.

4. Do not use carbon dioxide fire extinguishers to extinguish fires for people who are on fire, as there is a danger of suffocation.

Vehicle trap

If the wheels are spinning or the vehicle is stuck in mud or snow, please do the following:

1. Turn off the start switch and apply the parking brake.
2. Remove mud, snow or sand around the trapped wheel.
3. Place wooden blocks, stones or other materials under each tire to increase the tire grip.
4. Restart the vehicle, turn the gear knob to D or R and release the parking brake, and then carefully depress the accelerator pedal to get the vehicle out of the trap.



Caution:

If you still can't get out of the trap, you need tow truck.



Warning:

If you use the method of moving forward and backward to make the vehicle drive out of the trap, you should ensure that the surrounding area is spacious and unobstructed to avoid hitting other vehicles, objects or people. When the vehicle is about to drive out of the trap, you should be extra careful that it may suddenly move forward or backward.

Driving on

stagnant water

If the vehicle is driving on stagnant water and flooded, please contact Jiangsu Skywell authorized service provider as soon as possible to check the following items:

1. Check the braking effectiveness;

2. Check the oil quantity and quality of the reducer (when the gear oil is cloudy, it means water has been mixed in, and it should be replaced in time);
3. Check the lubrication conditions of the transmission shaft, each bearing, each joint and other parts. If you drive on a watery road, it will easily cause the vehicle to stop, and the electrical components will short-circuit and water.

If key lost

If key lost, please contact Jiangsu Skywell authorized service provider as soon as possible. After rematching the key, the lost key will become invalid. Unauthorized modification or use of irregular components may cause system operation failure.

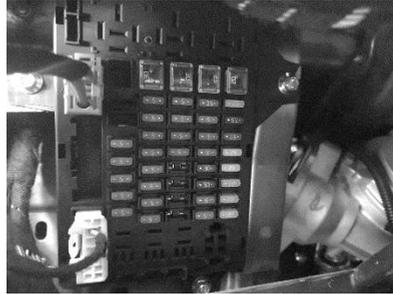
Fuse replacement

The fuse is used to prevent overloading of electrical circuits and components. If any electrical component does not work, it may be caused by a blown fuse. If this happens, you need to check and replace the fuse in time.

Distribution of electrical boxes



Open the Front cabin, the front fuse box assembly is located on the right side of the Front cabin, press the tabs on both sides to lift the cover to check or replace the fuse.



The instrument panel electrical box is located behind the storage box on the lower left side of the instrument.

Check Front cabin fuse

1. Turn off all electrical equipment and start switch;
2. Disconnect the battery negative cable;
3. Remove the front fuse box assembly cover, and check the malfunction fuse according to the fuse position distribution chart inside the box cover.

Check the dashboard fuse

1. Turn off all electrical equipment and start switch;
2. Disconnect the battery negative cable;

3. The instrument panel fuse is located in the instrument panel electrical box on the left side of the instrument panel. When checking the fuse, remove the storage box on the lower left side of the instrument panel.

 Warm reminders:

1. Check the suspicious fuse according to the fuse and relay position distribution diagram;
2. It is best to buy a set of spare fuses and put them in the car for emergency use;
3. If there is no spare fuse. In case of emergency, you can borrow a fuse with the same specification from other unimportant electrical equipment to replace it..

 Caution:

1. Turn off all electrical equipment and start switch

2. Do not use a fuse higher than the rated ampere value, otherwise it may cause electrical equipment overload. If you replace the fuse that meets the rated ampere value and it still blows, it means that the circuit has malfunction. Please contact Jiangsu Skywell authorized service provider for repair immediately;
3. If there is no spare fuse. In case of emergency, you can borrow a fuse with the same specification from other unimportant electrical equipment to replace it.;
4. Do not use wires to replace fuses, even temporary replacement is not allowed, otherwise it may cause serious damage to electrical equipment or even fire;
5. Do not modify the fuse or

fuse box.

Tailgate emergency opening

The tailgate emergency device switch is located on the tailgate interior panel.

In case of power failure of the whole vehicle, failure to open the tailgate switch or remote control key, or other emergencies, the personnel in the vehicle can use the tailgate emergency device switch to open the tailgate and leave the vehicle quickly.

Operation method:

1. Be sure to stop the vehicle steadily if could;
2. Lay down the rear seat of the vehicle;
3. Enter the rear of the vehicle, open the tailgate emergency switch, pull the tailgate emergency zipper

hard, and push the tailgate upward to open.

Vehicle towing

All vehicle towing must use the safety chain system, and comply with national, provincial, municipal and local laws or regulations. It is recommended to use lift trucks or platform trucks.

Vehicle towing: Before towing, electronic parking must be released and the gear shifted to the neutral position.

Emergency towing

If you cannot find the trailer in an emergency, you can fasten the tow rope, tow chain or tow bar in the emergency tow hook for temporary vehicle towing. Be cautious when towing. This method can only be used on hard roads at low speed and short distance towing, the driver must sit in the towed car to control the steering wheel and brake pedal.

Vehicle emergency towing conditions

1. Release the parking brake;
2. Turn the shift knob to the neutral position ;
3. The start switch must be in start mode.



Caution:

1. Before emergency towing, make sure that the wheels, axles, transmission system, steering wheel and brakes must be in good condition;
2. Fasten the tow rope, tow chain or tow bar to the tow hook of the vehicle;
3. Try to tow along a straight line, and do not pull the vehicle from the side;
4. Do not tow the vehicle for a long time;
5. If the towed vehicle cannot be moved, please do not forcibly tow the vehicle to avoid secondary damage to the vehicle. Please contact Jiangsu Skywell

authorized service provider for help as soon as possible.

Tow hook installation

Front tow hook installation position

The installation position of the front tow hook is at the bottom of the right front side of the vehicle.



1. Remove the tow hook cover;



2. Install the tow hook into the tow hook hole in a clockwise direction, and then tighten it.



Rear tow hook installation position

Rear tow hook installation position is located at the bottom of the right rear of the vehicle.



1. Remove the rear tow hook cover;



2. Install the tow hook into the tow hook hole in a clockwise direction, and then tighten it.



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abbreviation

TPMS	Tire pressure monitoring system	EPB	Electronic parking braking system
ESP	Electronic Stability Program	VCU	Vehicle control unit
ACC	Full speed adaptive cruise control system	Lead me to the vehicle	Lead me to the vehicle
ISOFIX	International Standards Organization FIX	Follow me home	Follow me home
FCW	Forward Collision Warning System	AEB	Automatic emergency braking system
ICA	Integrated Cruise Assist	TJA	Traffic Jam Assistant
LKA	Lane Keeping Assistance	AUTO	Automatic
HHC	Hill-start Hold Control	HDC	Hill Descent Control
HBA	Hydraulic Brake Assist	EBD	Electronic Brakeforce Distribution
ABS	Anti-lock braking system	TCS	Traction Control System
LDW	Lane Departure Warning	VIN	Vehicle Identification Number

EU special parts



Caution:

The following parts are EU special parts, which are different from the pictures in this manual. Please refer to the actual vehicle for details.

Serial number	Part name
1	Right charging port cover installation assembly (European standard)
2	Fast charging activity mounting bracket (European standard)
3	Left fender (European standard)
4	Right wheel cover side beam assembly
5	Right wheel cover side beam reinforcement plate
6	Right wheel cover side beam sub-assembly
7	Fast charging mounting bracket (European standard)
8	Self-spraying anti-rust wax
9	Charging socket and cable assembly
10	On-board AC charging gun assembly
11	R1234yf refrigerant
12	EVCC conversion module assembly
13	Drive motor number label
14	Front bumper assembly (front radar)
15	Rear bumper assembly
16	Vehicle nameplate
17	Charger warning label
18	High Voltage Warning Label
19	Air conditioning refrigerant label
20	Relay box label
21	Sun visor assembly-right

22	Tire pressure label
23	Central control large screen host (12.8 inches)
24	Yealink APP
25	English version of the car software
26	Jersey
27	Panoramic front view camera
28	Panoramic rear view camera
29	Panoramic left view camera
30	Panoramic right view camera
31	Panorama system controller
32	Instrument panel wiring harness assembly
33	Left front door wiring harness assembly
34	Right front door wiring harness assembly
35	Body wiring harness assembly
36	Rear door wiring harness assembly
37	Front cabin wiring harness assembly
38	Front cabin wiring harness assembly
39	AVAS

Warranty

1. Warranty period

category	Warranty content	Warranty period
Battery, motor and controller	Power battery (battery cell, battery module, BMS, battery housing), drive three in one assembly, power three in one assembly, VCU	8 years / 150,000 km
Vehicle	Vehicle and the following parts not indicated	3 years / 120,000 km
Other parts	Ball joints, pull wire, fuses , horn, window regulator, actuator, oil seal, brake disc, wiper motor, door lock, three-phase harness assembly of drive motor, remote monitoring module, various switches, handles, electric strut, shock absorber, multimedia system, various bearing, cigarette lighter sensors	3 years / 60,000 km
Wear-ing parts	12 volt battery, remote control battery, wiper blade, air conditioning filter element, oil , pains , tire , brake friction pad, various dust covers, various rubber parts, sealing strips, all glass, bulb, fuse, common relay (excluding integrated control unit), along vehicle tools and gifts	6 months / 5000 km (claim according to the purchase price of spare parts, no claim for freight and other expenses)
Spare parts	Vehicle, Battery, motor and controller , Other parts	1 year / 20000km

warranty	Wear-ing parts	ditto
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2. Reference Table of First Maintenance Items

Maintenance items		Check / adjust / tighten
Motor	Motor fixing bolt (loose, damaged), motor controller low-voltage control harness connection terminal (loose, damaged), motor or motor controller cooling system (leakage, damage), motor surface (clean, no attached dirt), motor controller surface (clean, no attached dirt), motor system high-voltage harness and its connection terminal surface (clean, no adhesion), electrical The surface of low-voltage control harness and its connecting terminals (clean and free of dirt), motor cooling water pipe and interface surface (clean and free of dirt adhesion)	√
Electrical components	Electrical component connector (loose, damaged), electrical component mounting bolt (loose, damaged), electrical component surface (clean, no attached dirt), fast / slow charging port, vehicle lighting, wiper, window regulator, audio system, air conditioning system	√
Body and chassis	Door opening / closing, tire, wheel and wheel nut, coolant, brake fluid, front / rear brake disc and brake friction plate, brake hose and pipe, steering mechanism (clearance, tightness), rubber sleeve / dust cover of chassis (loose and	√

	fade)
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3. Maintenance Schedule

Skywell Automobile Maintenance Schedule																	
Items	Service life (Months)	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
	Mileage (x10000)	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	16.5
Electric part																	
Quick/slow Charging port	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Battery voltage (12V)	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Battery poles	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
A/C PTC-HIL voltage wire harness	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Power 3in1 HIL voltage wire harness	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Drive motor 3in1 HIL voltage wire harness	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Drive motor fixing bolt	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
A/C Compressor HIL voltage wire harness	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Power battery HIL voltage wire harness	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
T-BOX (View history data)	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Door remote key	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Vehicle lighting system	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
F/R wipers	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Window regulator	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Audio system	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
A/C system cool/warm	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
F/R camera/radar	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Power mirror	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Auto body & chassis part																	
Door open/close	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Wiper fluid	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Coolant/brake fluid	G	J/2	G	J/2	G	J/2	G	J/2	G	J/2	G	J/2	G	J/2	G	J/2	G
Final drive fluid	J	J	G	J	J	G	J	J	G	J	J	G	J	J	G	J	J
A/C filter	G	Q	G	Q	G	Q	G	Q	G	Q	G	Q	G	Q	G	Q	G
Tire/hub/nut/tire pressure	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2	J/2
Brake disc/plate																	
Chassis bulb/bolt	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Chassis rubber sleeve /cover	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Brake hose/pipe	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Steering mechanism	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Safety belt F/R	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Seat adjustment	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Sunroof open/close	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Note: J for check B for supplement Q for clean G for replace																	