

Preface

Thank you for purchasing this car.

This instruction manual is for All New X7 model. Before using the vehicle for the first time, please read this manual carefully and get familiar with the vehicle structure, functions, usage and other regulations of the company as soon as possible. Users will forfeit their right to claim compensation for damages caused by misuse of the vehicle that does not follow the instructions in the use manual or any retrofitting without our approval. Illegal retrofitting of the vehicle is prohibited. The contents in this manual will help you master the correct ways of driving and maintaining the vehicle so that you can enjoy your driving.

This instruction manual is intended to provide the user with instructions on the use and maintenance of the vehicle. Please check the specific configuration of the vehicle you purchased. If you have any questions about this vehicle and this instruction manual, please contact dealership of BAIC Motor.

The pictures, data and descriptions contained in this instruction manual conform to the product definition at the time of preparation. In view of the continuous modification and improvement of the vehicle, the pictures, figures and descriptions in the instruction manual are for the purpose of introduction and shall not be taken as the basis for order acceptance.

This Company continuously improves all its car models. We therefore reserve the right to modify any part of the vehicle, equipment or technical specification at any time. Your kind understanding will be appreciated. The data related to the delivery scope, appearance, performance, dimensions, weight, fuel consumption, specifications, and vehicle functions are all correct as of uploading. Some of the equipment/functions described in this article may not be available on your vehicle (please contact the dealership of BAIC Motor for details). All information, illustrations or descriptions in this instruction manual shall not be considered as legal commitments.

The Company solemnly declares that it is solely responsible for the revision of this User Manual and reserves all rights and interests stipulated in the Copyright Law and the right to modify it.

Without the prior written consent of the Company, do not reproduce, copy or translate any part of this use manual; or copy and store the publication in a public retrieval system; or transmit it in any form of electronic and mechanical records or others.

The equipment/function marked with "*" is only applicable to some model or is only available as an option or optional function on some model. Please refer to the actual configuration.

Welcome to use

The "short press" in the text description of this instruction manual means that the pressing time is less than 2 s and greater than or equal to 0.1 s, and the "long press" means that the pressing time is greater than or equal to 2 s and less than 1 minute.

The directions mentioned in the instruction manual are the driving directions of the vehicle.

The words "danger", "warning", "caution" and some special symbols appear frequently in this manual. Special attention shall be paid to them. Ignoring these warnings may result in personal injury or damage to your vehicle.



"DANGER" means that failure to follow the instructions may result in serious personal injury or even death.



"Warning" means dangerous or unsafe operations that will cause personal injury or vehicle damage.



"CAUTION" gives useful information.



Use signs to indicate "Do not follow the operation" or "Do not make it happen".



The identification means "please follow this operation" or "this operation is feasible".



A similar designation is used to indicate an item in the figure.



Signs similar to this indicate the direction of running or action.

BAIC International Development Co., Ltd.

March 2023

Notes to users

1. Before using the vehicle, please be sure to carefully read the instruction manual, follow the instructions in the instruction manual during the operation of the vehicle, and ensure that you are familiar with the operation and maintenance of the vehicle and drive safely. If the vehicle is used improperly, we will not be liable for any loss.
2. Be sure to maintain and service the vehicle according to the Maintenance Information Form.
3. In order to adapt to the driver of different statures, the driving position shall be adjusted as follows:
 - Forward and backward adjustment, height adjustment*, backrest inclination adjustment and headrest adjustment of the seat.
 - Adjustment of turning wheel position.
 - Adjust the inner and side mirror positions.
4. Wearing seat belt is a necessary guarantee for safe driving of the driver and passengers in the vehicle. Adults should wear the seat belt correctly; and children should correctly select and use the child restraint device and seat belt in accordance with the relevant instructions in this manual.
5. Inspection before driving:
 - Whether the vehicle lamps work normally.
 - Cleanliness of windshield and side mirror, wiper working condition.
 - Viewing angle of the side mirror.
 - Tire pressure and tire wear. The condition of the tires directly affects the power performance, economy and smoothness of the vehicle, and is more related to driving safety. Please use and maintain the wheels (including spare tires) correctly according to regulations. Check the tire pressure when the tire is in cold state.
 - Levels of engine oil, coolant, brake fluid, etc.
 - Battery condition.
6. Put the Start/Stop button in "RUN" mode to check the indicator light.
7. Operation of the engine:
 - Do not operate the engine for a long time in a closed warehouse to prevent poisoning by exhaust fumes.
 - In case of battery loss, the engine electronic control unit and starter will not work normally, and the engine will not be started.
8. Brake:
 - When the engine is shut down, if the vacuum booster does not work, the brake pedal force will increase significantly and the brake efficiency will decrease greatly. Therefore, it is strictly prohibited to slide the vehicle when the engine is shut down.
 - Before leaving the vehicle, stop the vehicle stably, shift the gear into the "N" position, apply parking brake, and then shift the gear into the "P" gear.
 - During emergency brake or brake on the wet and slippery road, ABS can prevent the wheels from locking, which is conducive to stable driving. However, you should still drive carefully and safely.

9. About the instrument cluster indicator light:

- If any red indicator light on the instrument cluster (e.g. brake, engine oil, coolant temperature, etc.) comes on during driving, stop the vehicle safely as soon as possible, check the vehicle according to the instructions in this manual, and contact the dealership of BAIC Motor if necessary.
- If the yellow indicator light on the instrument cluster lights up during driving, check the vehicle according to the instructions in this manual. Please contact the dealership of BAIC Motor for inspection and repair if necessary.

10. Electrical accessories:

- Any electrical accessories must be wired according to the specified wiring position and wiring method. Please go to the dealership of BAIC Motor.

11. The vehicle is equipped with catalytic converter. Do not use leaded gasoline, otherwise the catalytic converter will be damaged.

12. Tips on safety:

Follow the following important driving rules to help keep the driver and passengers safe all the way!

- Strictly abide by traffic rules and drive safely.
- Do not drive vehicle after drinking alcohol or taking medicine.
- Observe the speed limit sign and do not overspeed.

13. When applying film to the interior of the front windshield, do not allow water to enter the dashboard. Do not put wet umbrellas, cups with liquids, etc. on the dashboard during daily use of the vehicle. Otherwise, it may cause damage to the electrical components mounted on the dashboard if the water entering the dashboard.

14. Repair and retrofitting of the vehicle shall be carried out at the dealership of BAIC Motor. The dealership of BAIC Motor has the necessary tools, diagnostic equipment, maintenance information and qualified personnel.

Contents

Welcome to use..... 1
Notes to users3
Contents 5
Safe operation indication..... 9
Safe driving 9
The correct sitting posture of driver and passengers 10
Pedal area 11
Seat belt..... 12
SRS 17
Car safety for children 26
Safety label..... 33
Operating system and device 34
Arrangement of instrument and control mechanism 34
Infotainment screen 36
Instrument cluster (7 inch)..... 37
Turning wheel 59
Smart key 61
Keyless entry and start system..... 66
Anti-theft alarm system 68
Automatic cut-off system of fuel circuit 69
Central locking system 70

Engine compartment hood..... 73
Trunk 74
Fuel tank door 79
Power window 81
AVM sunroof..... 83
Exterior light 85
Interior lights..... 90
Wiper 92
Interior rearview mirror..... 96
Side mirror 97
Sun visor 98
Seat 99
Storage device..... 107
Electrical devices interface..... 112
A/C system..... 115
Audio system and diagnostic interface 123
Event data recording system (EDR) 124
Attachments and retrofitting..... 125

Driving guide..... 127
New vehicle running-in..... 127
Starting and driving..... 128
Drive mode 135

Contents

Parking	135	Regular service.....	202
EPS	136	Routine service.....	202
Brake system	137	Engine compartment	206
Cruise control*	145	Engine coolant	208
Active cruise control (ACC)*.....	149	Engine oil.....	209
LDWS (LDW)*.....	159	Brake fluid	212
LKAS (LKS)*	161	Battery	214
Road departure assist system (RDP)*.....	164	Windshield washer and wiper	216
IACC*.....	166	Tire and wheel.....	221
PAB (PEBS)*	173	Cleaning of vehicle	227
IHBC (HMA)*	177	Anti-corrosion measures	230
Direct tire pressure monitoring system	178	Recovery and environmental protection	230
PAS.....	180	Accident handling.....	232
Backup camera*	183	Driver's tools	232
AVM (AVM)*	184	Spare tire.....	234
Door opening warning system (DOW)*.....	189	Fuse.....	239
Blind spot detection system (BSD)*.....	190	Replacement of bulb	246
APA system*.....	192	Jump start.....	246
Gasoline GPF (GPF)	196	Dragging, towing	248
Driving safety inspection.....	197	Technical data.....	252
Driving essentials in different situations.....	198	Vehicle engine and transmission model	254
Care and maintenance.....	202	Main fluid specification and capacity	260
Maintenance overview.....	202		

Contents

Maintenance information	261
Maintenance specifications.....	261
Maintenance information sheet.....	262
Rescue information	266
Rescue information.....	266

Safe driving

This section mainly introduces the important information, key points of operation, suggestions and safety precautions for safe driving. For your own safety and the safety of you and your passengers, please carefully read and follow the relevant provisions.

Keep vehicle in a safe driving state

It is very dangerous to drive a faulty vehicle. In order to keep the vehicle in a safe driving state, the driver shall go to the dealership of BAIC Motor to have the vehicle regular service according to the Maintenance Information Form and have the vehicle regular service before each driving (refer to Routine Service).

Adjust the seat correctly

While the vehicle is running, all passengers should put their seat back upright, appropriately adjust the seat gear, and wear a seat belt.

Always wear seat belt

The airbag only has auxiliary protective function and cannot replace the protective function of the seat belt. Therefore, all driver and passengers must wear seat belt correctly during driving.

Place all child occupants properly

The child should be properly arranged on the rear side seats. When the child is too young to wear the seat belt, it must be properly arranged in the child restraint system.

Be cautious of the dangers of airbag

The airbag is protective, but if the driver and passengers is too close to the airbag or is not properly protected, the airbag deployment may cause injury to the driver and passengers, especially to infants. Be sure to follow all instructions in this instruction manual.

Do NOT drive drunk


Do not drive after drinking. Your ability to cope with environmental changes will be reduced after drinking. The more you drink, the slower your response will be; Therefore, do not drive after drinking or let your friends drive after drinking.


Do not drive at excessive speed


Speeding is one of the main causes of vehicle collision casualties. Do not drive faster than the speed limit or exceed the safe speed allowed by the actual road conditions.


Safety with pets

When carrying pets in the vehicle, make sure they are properly secured, never play with them during driving, and never leave them alone in the vehicle.

 Do not spill the liquid on or around the instrument table, various electrical appliances to avoid vehicle damage.

 Never be distracted by external factors during driving, such as smoking, eating, talking to passengers or answering phone calls.

 Do not drive a vehicle when your reaction is falling. Taking medicine, alcohol and drugs that can make you drowsy may reduce your reaction.

 Avoid rolling crop straw, weeds, etc. when driving, to prevent hooking, hanging near the vehicle exhaust pipe, causing vehicle fire.

The correct sitting posture of driver and passengers

Correct sitting posture of driver



Correct sitting posture of driver can reduce fatigue and ensure vehicle driving safety.

To ensure safety of the driver and passengers, the driver should follow procedures below before driving the vehicle:

- Adjust the seat back and forth to a proper position, so that the knee joint can fully press the accelerator pedal and brake pedal under the slightly bent state.
- Adjust the backrest to a suitable angle so that the back can fit the backrest completely.


- Adjust the headrest, the middle which should be level with the middle ear of the driver, and the back of the driver's head should be close to the headrest.
- Adjust the turning wheel to keep at least 25 cm between the chest and the turning wheel. Make sure your elbows are slightly bent to grip the top of the turning wheel.
- Adjust the side mirror to the proper position.
- Wear seat belt correctly.

Correct sitting posture of front passenger

To ensure safe ride, the front passenger should do the following:

- Adjust the seat so that the front passenger is at the proper distance from the dashboard to provide the most effective protection when the airbag is triggered.
- Adjust the backrest so that the back fits the backrest.
- Adjust the headrest so that the middle of the headrest is in line with the middle of the ear of the front passenger and the back of the head is close to the headrest.

- Wear seat belt correctly.
- Keep your feet in the foot space in front of the front seats.

 In order to reduce the risk of accidents and injuries, the following matters must be strictly observed:

- The driver chest should not be too close to the turning wheel. Otherwise, the airbag cannot provide effective protection and may cause injury to the driver.
- Keep the driver's hands on the outer ring of the turning wheel (9 o'clock and 3 o'clock positions) to ensure that all the gauges and indicators on the instrument cluster are visible.
- Do not put your feet on the dashboard or window, or sit cross-legged on the seat during driving. Always keep your feet in the foot space, otherwise you will be easily injured in case of emergency brake or accident.
- The front passenger shall not be too close to the dashboard. Otherwise, the airbag will not be able to provide effective protection, and may even cause injury to the front passenger when deployed.

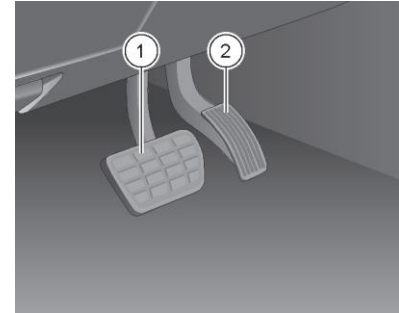
- The driver must not adjust the seat and headrest when driving. If necessary, the seat and headrest shall be adjusted to the correct position after the vehicle is parked before starting to drive.
- Do not tilt the backrest excessively during driving. Be sure to wear seat belt and keep correct sitting posture to avoid injury during emergency brake.
- Keep your feet in the foot space in front of the rear seat and close to the floor.
- Wear seat belt correctly.
- Appropriate protection measures must be taken in accordance with relevant regulations when carrying children.

Correct sitting posture of the rear passengers


To ensure safe riding, the occupants of the rear shall do the following:


- Adjust the headrest so that the middle of the headrest is aligned with the middle of the ear of the rear passenger and the back of the head is close to the headrest.
- Keep sitting upright with your back close to the backrest.

Pedal area




1. Brake pedal
2. Accelerator pedal


 Before driving the vehicle, make sure that all pedals can be easily and freely pressed to the bottom and can automatically return to the original gear at any time.


 It is strictly prohibited to wear high-heeled shoes or slippers to drive the vehicle, and the heel of which may hinder the brake pedal from stepping to the bottom; Wearing slippers may cause slipping when pressing the brake pedal, making it impossible to apply maximum braking force in time, which may cause accidents.


Driver side floor mat


The floor mat shall be fixed in the foot space. Make sure that the floor mat fits tightly with the carpet and that there is a certain distance between the floor mat and the brake pedal and accelerator pedal so that there is no interference between the floor mat and the pedal.

 When pressing the brake pedal, if it is obstructed by floor mat or other objects, the brake will be affected and serious accident may occur.

 Do not lay other floor mat or coverings on the floor mat to prevent the pedal stroke from narrowing and obstructing the pedal move.

 Do not store anything in the driver foot space, otherwise it may slip into the pedal area and interfere with the driver's handling of the pedal. In case of an emergency brake or emergencies, once the driver fails to control the brake pedal, it is easy to cause serious accidents.

 Make sure that the floor mat is securely fixed to the floor.

 The thickness of the floor mat used shall not exceed 10 mm.

Seat belt


All seats of this vehicle are equipped with three-point seat belt.

The height of the upper support point of the front seat belt is adjustable.

To ensure safe driving, all driver and passengers must wear seat belts correctly.

Wearing the seat belt correctly can limit the driver and passengers in a proper position, effectively prevent the collision between the driver and passengers and the interior parts, absorb a lot of kinetic energy, and reduce the degree of injury of the driver and passengers.

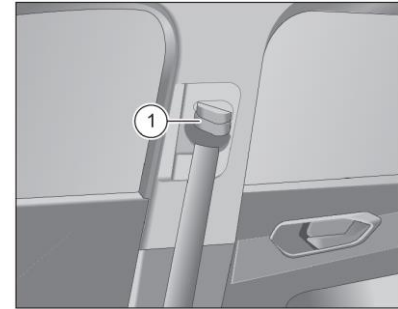
At the same time, the correct wearing of seat belt is also an important prerequisite for the protection of airbag. At the moment of airbag deployment, the driver and passengers' body position, sitting posture and movement have a great influence on the protective effect of airbag. Improper wearing of seat belt and abnormal riding posture may cause the vulnerable parts of the driver and passengers, such as the head and neck, to be injured by the instantaneous collision during the airbag deployment, especially to children, which may be fatal. The seat belt can restrain the upper body of the driver and passengers at the moment of collision, ensuring that the occupants are protected after the airbag deployment, so that the airbag can work most effectively.

 In order to reduce the risk of accidents, the following matters must be strictly observed:

- The driver and passengers must wear seat belt at all times as long as the vehicle is running. This will reduce injuries in vehicle emergency brake and accidents.
- It is strictly prohibited for two people to wear the same seat belt (even for children).
- Pregnant women or persons in need of care must also wear seat belt. If you do not wear seat belt, you may get seriously injured.
- Loose and heavy clothing (such as overcoat) shall be taken off before wearing the seat belt, so as not to affect the fitting and protection of the seat belt and the body.

- When wearing the seat belt, the seat belt shall not press fragile or sharp objects (such as glasses, ballpoint pens, etc.), otherwise the occupant may be injured.
- The seat belt must be kept clean at all times. Severely dirty seat belt may cause unsmooth retraction of retractor.
- Ensure that the buckle socket is not jammed by foreign objects, otherwise the tongue cannot be inserted into the buckle.
- The tongue of the seat belt must be inserted into the buckle correctly. Wrong wearing of the seat belt will affect the protective effect of the seat belt.
- If the seat belt straps become loose or split, the anchor bolts become loose, or the retractor fails, the seat belt will not be able to provide protection in the event of an accident. All parts of the seat belt shall be checked regularly.
- After serious collision, please go to the dealership of BAIC Motor to replace the used seat belt or stretched seat belt, even if there is no obvious deformation. In addition, check the fixtures of the seat belt.
- It is strictly prohibited to repair, remove and install the parts on the retractor or seat belt by yourself. Alteration of the seat belt in any way is strictly prohibited. Please go to the dealership of BAIC Motor for repair of seatbelt parts.

Adjustment of seat belt height




The seat belt height adjuster allows you to adjust the height of the seat belt to suit the shoulder height of different driver and passengers. Adjust the seat belt height as follows:

1. Hold the lower end of the regulator guide block ①;
2. Press down the lock button on the upper end of guide block ① and hold it;
3. Move the guide block up and down to adjust the seat belt to a proper position;

Safe operation indication

- Loosen the regulator guide block;
- After adjusting the height, pull the seat belt firmly to check whether the adjuster is locked securely.

 The driver must not adjust the seat belt height while the vehicle is running.

Consequences of driver and passengers not wearing seat belts

Many people think that in the event of a mild collision, their own hands can be used to support the body and avoid injury, which is a misconception!

Driver and passengers not wearing a seat belt will still move forward at the same speed as before the collision due to inertia after the collision, when the vehicle is not moving at the same speed as the driver or passenger, which may result in injury to the driver and passengers.



Even at very low speeds, in the event of a frontal collision, the force acting on the human body is so great that the driver and passengers cannot support their body with hands, the unbelted driver and passengers will be thrown forward and slammed into the turning wheel, dashboard, windshield or anything in the way.

Wear the seat belt correctly


Wear a front seat belt



Before using the seat belt, adjust the front seats front and rear, height and backrest inclination to the proper position.

The upper part of the seat belt should be close to the chest and across the shoulder; the lower part of the seat belt should be close to the hip. Do not act on the abdomen. Incorrect use of seat belts may not provide protection, but may cause other serious injuries.

Do not entangle the seat belt when using the seat belt. Seat belt wrapped around the body can increase the pressure of seat belt on the body and reduce the protective effect of seat belt.

 The seat belt should be adjusted tight as much as possible without affecting comfort, so as to achieve better protection. If the seat belt is not fastened tightly, the protective effect will be greatly reduced.

Locking of the seat belt



Slowly pull the seat belt out of the retractor, then insert the tongue into the buckle until you hear a "click" sound, and then pull back the seat belt to confirm it is locked securely.

Adjustment of seat belt



Pull the seat belt gently to adjust the length of the seat belt. Please adjust it to a comfortable position as required.

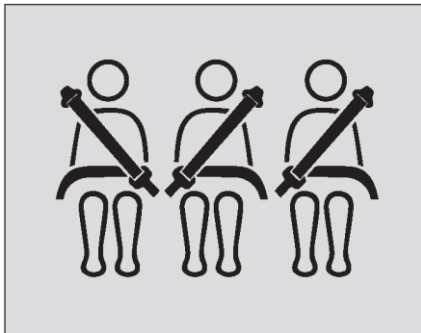
Lower the crotch part of the seat belt, crossing the hip as much as possible, and then pull up the upper part of the seat belt to make the lower part of the seat belt close to the body. In this way, the strong pelvic area of the human body can withstand more impact, thus reducing the chance of internal injury to the abdomen.

Seat belt unlocking



Press the red button on the buckle to release the seat belt. After unlocking the seat belt, push the seat belt toward the anchorage properly and seat belt to retract the automatic into the retractor.

Wear rear seat belt

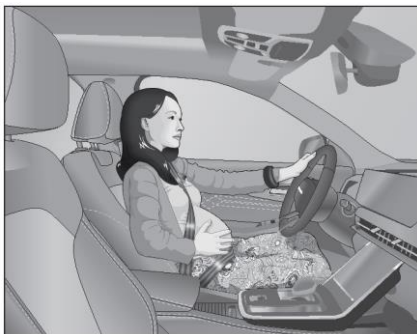


The rear seat belt should be worn in the same way as the front seat belt.

Children wearing the seat belt

This model is equipped with the seat belt designed for adults. It is recommended that children of or under 12 years old, as well as those being no taller than 1.5 m, should use specially installed restraint devices for children.

Pregnant women wear seat belt



If the driver and passengers are pregnant, to protect the pregnant woman and the fetus, the seat belt should be evenly passed through the chest and as low as possible in front of the hip, and then flattened tightly, so that the lower abdomen is not affected by pressure.

Inspection and maintenance of the seat belt

Inspection of seat belt

The seat belt retractor will lock the sliding of the seat belt for the following three conditions:

- When pulling the seat belt out of the retractor quickly.
- When the vehicle abruptly decelerates.
- When the seat belt retractor is tilted by a large angle.

In order to check the reliability of the seat belt, grasp the upper part of the seat belt and pull quickly. At this point, the retractor shall lock the seat belt. If the retractor does not lock the seat belt, go to the dealership of BAIC Motor for inspection or repair.

Seat belt maintenance

Regularly check the seat belt and all its components (e.g. buckles, tongues, retractor, straps and seat belt height adjusters) for proper operation.

If any damage to the seat belt parts, torn straps or other damage is found, please replace the entire seat belt assembly.

▲ If the safety belt retractor is repaired by an unauthorized repair shop of BAIC Motor or non-professional personnel, or the safety belt retractor is not used correctly in accordance with regulations, the potential risk of injury or death will be increased.

▲ Do not repair, disassemble or install seat belt or seat belt retractor by yourself.

SRS

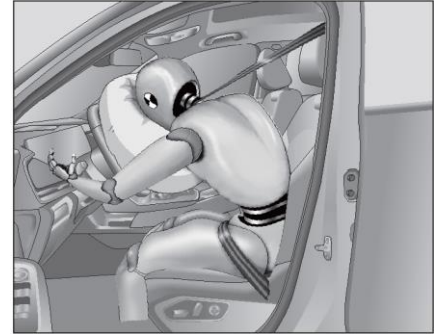
The SRS plays an auxiliary protective role. In order for the triggered airbag system to fully play its protective role, driver and passengers must maintain the correct sitting posture, and children need to use appropriate child safety seat for protection.

▲ The airbag only has auxiliary protective function, which will not replace the protective function of the seat belt.

👁 Dust from airbag deployment can irritate the skin and eyes, and can cause respiratory problems for people with respiratory disease. After an accidental airbag deployment, wash all exposed skin thoroughly with clean water and mild soap.

👁 After airbag deployment, the SRS components and parts will be hot. Do not touch it to avoid scalding.

Airbag




In the event of a serious vehicle collision, the SRS will quickly open one or more gas-filled cushions between the person and the body of the driver and passengers to mitigate the impact injury.

In case of severe collision of the vehicle, the airbag will expand rapidly in a very short time, then deflate and contract to relieve the inertial impact of the human body. Therefore, the driver and passengers must keep the correct sitting posture and wear the correct seat belt, so as to be effectively protected by the airbag.

If a serious collision occurs, driver and passengers who are not wearing seat belts will be unable to control themselves, resulting in random movement or being thrown out of the vehicle. Even if the airbag expands rapidly, it cannot protect the human body effectively.

The normal sitting position of driver and passengers must be kept at an appropriate distance from the front frontal airbags, so that when the airbags are triggered, they can fully inflate and effectively protect the drivers and passengers.

 In the event of a vehicle collision, the airbag is triggered by the magnitude of the collision, the type of collision, the angle of the collision, the obstacle and the speed of the vehicle at the time of the vehicle collision. So even if the vehicle is badly damaged, the airbag may not be triggered.

Airbag working conditions

When the Start/Stop button is in the "RUN" mode, the instrument cluster airbag indicator light must be in a normal state (normal state: the indicator light will turn on for a few seconds and then turn off, and it will be in an off state during normal use.

There is no flooding in the passenger compartment of the vehicle (if flooding occurs inside the airbag, it may cause the airbag controller to short circuit, causing the SRS to fail).

Airbag indicator light

The airbag indicator light located on the instrument cluster will alert the driver of a malfunction in the SRS. When the Start/Stop button is in the "RUN" mode, the indicator light will turn on for a few seconds and then turn off during self-test.

If the following phenomena occur, it indicates that the SRS is at fault. In this case, the airbag and seat belt pretensioner may not work normally in case of collision. Please go to the dealership of BAIC Motor for inspection in time:


- When the Start/Stop button is in the "RUN" mode, the airbag indicator light does not light up during the instrument cluster system self-check.

- The airbag indicator light stays on when the Start/Stop button is in "RUN" mode.
- The airbag indicator light is on when the vehicle is running.

Maintenance and scrapping of airbag

The parts of the SRS are installed in different parts of the vehicle. Any work on the SRS or the disassembly and assembly of the SRS parts must be carried out by professional technicians. Otherwise, the SRS may be damaged and the SRS may be triggered abnormally or not at all in case of an accident.

If the vehicle is scrapped, the undeployed airbag is potentially dangerous, so when scrapping the vehicle, the airbag must be detonated safely by professionals.

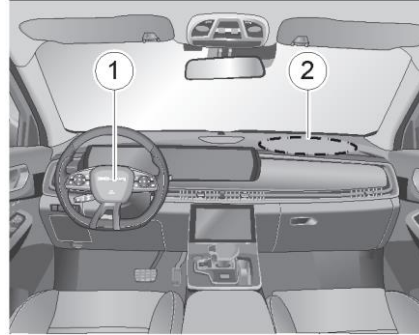
 Do not use solvent-based cleaning agent when cleaning the turning wheel or dashboard. Otherwise, the materials on the surface of these parts may become brittle and deformed. Once the airbag is triggered, the broken plastic may cause serious injury to the driver and passengers.

⚠ Do not attempt to repair, remove or install SRS parts by yourself. If the maintenance of SRS is carried out by non-professionals, the potential risk of casualties will be increased. Improper maintenance of the SRS may result in the airbag not being deployed or deployed when it should not have been deployed in the event of an accident.

⚠ Do not attempt to retrofitting the front bumper or body by yourself.

⚠ The airbag can only be triggered once, after which the whole SRS components and parts must be replaced.

Front frontal airbag



The driver frontal airbag ① is located in the middle of the turning wheel.

Front passenger frontal airbag ② is located in the dashboard above the glove box.

The frontal airbag may inflate and expand when the vehicle is hit hard from the front, or it may inflate and expand due to similar impacts (such as hitting a ditch on the road). In some front collisions, it may not inflate or expand (such as when the front of the vehicle collides with slender cylindrical objects such as tree trunks and power poles). Damage to the vehicle is not a sufficient condition for frontal airbag to inflate and expand.

👁 The expansion and contraction of the frontal airbag take place in a very short period of time. It only works once and does not provide protection against a possible second collision.

If any of the following situations arise, please contact an authorized BAIC dealership as soon as possible:

- The frontal airbag has been deployed.
- A collision accident occurred at the front of the vehicle, but the frontal airbag did not deploy.
- The upper part of the driver frontal airbag or the upper part of the front passenger frontal airbag is broken or otherwise damaged.

The airbag is provided with air releasing holes. when an accident occurs, the airbag will inflate and expand instantly, and after the airbag is fully deployed, it immediately begins to release air, which can reduce impact injuries to the head, chest, and other parts of the body of driver and passengers, while enabling the driver to maintain a forward view and perform turning or other operations.

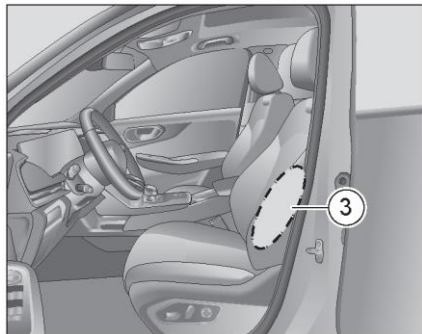
Safe operation indication

When the airbag is deployed, there will be a loud noise, followed by a small amount of soot, which is normal.

Seating position

To ensure optimal protection in the event of severe collisions, the frontal airbag will open in a very short time. If the driver and passengers are too close to the side airbags, the expanding side airbags may scratch the driver and passengers, so please keep the correct sitting posture.

Front side airbags



Front side airbags ③ is located outside the front seats backrest.

⚠ Do not place anything between the driver, front passenger and the door. Otherwise, it may affect the deployment of the side airbags and its protective effect.

⚠ Do not use the seat sleeve to block the side airbags of the seat, otherwise it will hinder unfolding of the side airbags.

⚠ Driver and front passenger are prohibited from leaning their heads or bodies against the door, or putting their arms on or out of the window, as this may cause injury when the side airbags is deployed.

In a lateral collision, the side airbags determine whether to deploy based on the strength, angle, speed, and impact point of the lateral collision. In some lateral collision, the side airbags may not deploy. Damage to the vehicle is not a sufficient condition for side airbags to inflate and expand.

In some collision, the side airbags does not deploy and may result in injury if the seat belt is not worn. Only when combined with correctly worn seat belts can the SRS provide optimal protection, so driver and passengers must always wear seat belts correctly.

👁 Side airbags are not designed for front and rear impacts or minor side impacts, nor are they designed for vehicle overturning. They also do not function when the vehicle is braked urgently or when driving on bumpy roads or passing through depressions.

👁 When the engine compartment and trunk of a vehicle are subjected to a strong side collision, the side airbags may not inflate and expand.

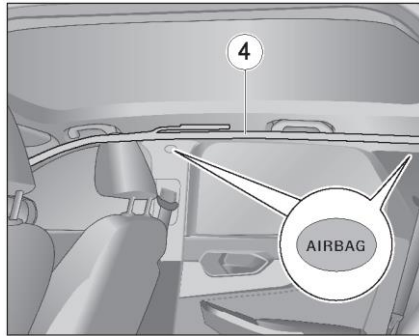
Please contact the dealership of BAIC Motor as soon as possible in the following cases:

- Either side airbag has been deployed.
- A collision accident occurred at the door, but the side airbag did not deploy.
- The backrest with side airbags is scratched, cracked or otherwise damaged.

Seating position

To provide optimal protection in a severe side impact, the side airbags will deploy in a very short time. If the driver and passengers are too close to the side airbags, the expanding side airbags may scratch the driver and passengers, so keep the correct sitting posture (see "the correct sitting posture of driver and passengers").

Side curtain airbag



Side curtain airbags ④ are located along the roof edge between A, B and C pillars on both sides of the roof, and its identification cover is marked with "AIRBAG".

In the event of a vehicle side collision, the side curtain airbags on the side of the vehicle may be triggered.

Once triggered, the gas produced by the gas generator may quickly fill the side curtain airbags. The side curtain airbags expands and deploys rapidly, covering the side sills and door jambs and protecting the head.

To provide the ideal additional protection in the event of an accident, side curtain airbags will expand rapidly in an instant. A small amount of smoke may be released when the curtain airbag expands, which is normal.

In the event of a severe side collision on the vehicle, the gas-filled side curtain airbags can effectively reduce the risk of injury to the head and upper body of the driver and passengers.

When the vehicle experiences a certain degree of side collision, whether the side curtain airbag deploys depends on factors such as the strength of the collision, impact angle, speed, and impact point. The side curtain airbags does not deploy in all side collision. It does not deploy in frontal collision, rear-end collisions or most rollovers.

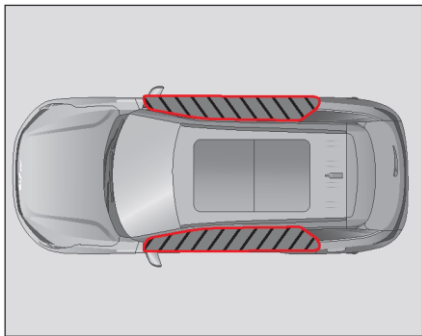
In case of certain collisions of the vehicle, the frontal airbag, the side curtain airbags and the front seats side airbags may deploy at the same time.

⚠ Side curtain airbags only provide additional protection in the event of severe side collision. It is not a substitute for seat belt.

⚠ Driver and passengers are prohibited from leaning their head or body against the door, or placing their arms on or out of the door, as this may cause injury when the side curtain airbags are deployed.

👁 The expansion and contraction of the side curtain airbags take place in a very short period of time. It only works once and does not provide protection against a possible second side collision.

👁 Do not place anything on or near the turning wheel or airbag cover.



In the following cases, please contact the dealership of BAIC Motor as soon as possible:

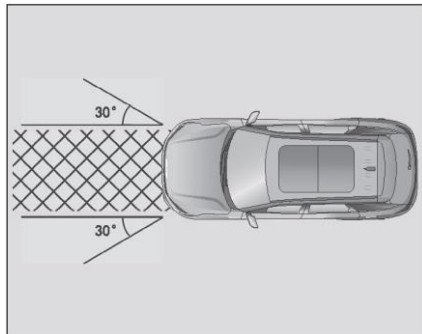
- Either side curtain airbag has been deployed.
- A collision accident occurred on the side of the vehicle, but did not deploy the side curtain airbag.
- The exterior trim of the side curtain airbags is cracked or otherwise damaged.

Seating position

To provide optimum protection against severe impacts, the side curtain airbags must deploy in a very short time.

If the driver and passengers are too close to the side curtain airbags, the expanding side curtain airbags can cause head injuries or other injuries, so please keep the correct sitting posture (see the Correct Sitting Posture of Driver and Passengers).


Situations that the airbag may deploy



The frontal airbag may deploy if the vehicle is impacted within approximately 30° to the left and right of the front and exceeds the set threshold.

If other protective devices are installed in front of the vehicle, the sensor will not be able to sense the impact properly and will prevent the frontal airbag from working properly.

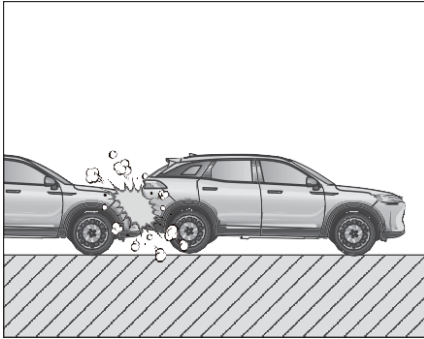
If the vehicle is hit in the side direction and the degree exceeds the set critical level, the side airbag may deploy.

 Be sure to wear the seat belt properly. Otherwise, the airbag may unfold in an accident and impact the passengers, resulting in severe injuries and even deaths to them.

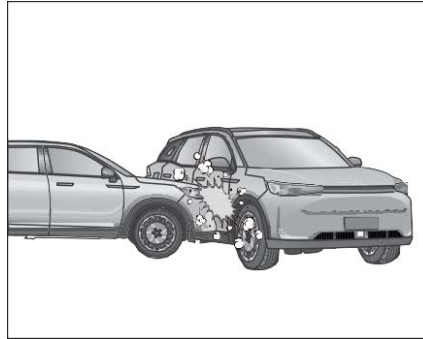
Situations that the airbag may not deploy

Airbag protects driver and passengers while providing collision. In a collision accident, the airbag will determine whether to deploy based on the strength, angle, speed, and impact point of the collision.

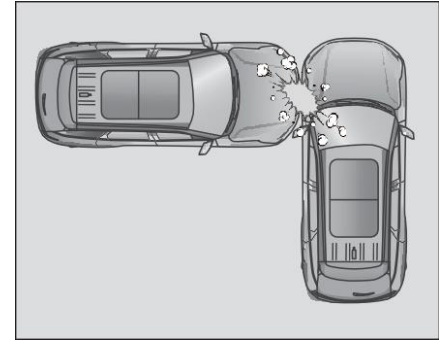
In many types of collision accident, such as rear-end collision, side collision, oblique collision, rollover, frontal collision with thin column, the airbag may not deploy.

Rear-end collision or collision

In the event of a rear-end collision or collision, the driver and passengers move towards the seat back under the inertial force, and the airbags deployed from the front will not protect the driver and passengers. At this time, the frontal airbag may not be deployed, and the side airbags and side curtain airbag will not work.

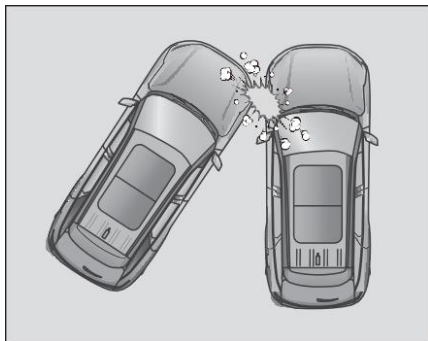
Side collision

In case of side collision, the driver and passengers will be displaced laterally, so the airbag deployed from the front cannot protect the driver and passengers. At this time, the frontal airbag may not deploy, but the side airbags and side curtain airbag may deploy.



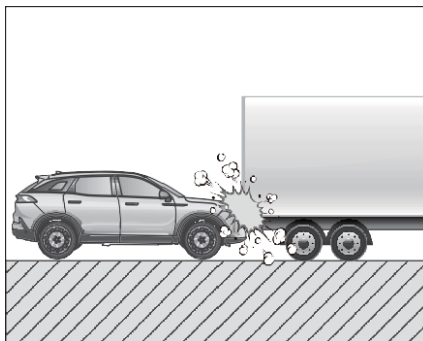
When the outer side of the passenger compartment is hit, the body suffers a weak collision, so that the frontal airbag, side airbags and side curtain airbag stop to work.

Oblique collision (angular collision)



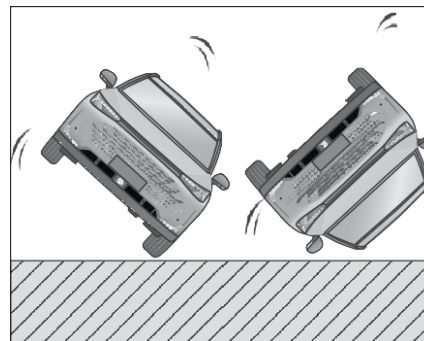
In case of oblique collision, the impact energy received by the SRS may not be enough to trigger the deployment of the frontal airbag. At this time, the frontal airbag may not be deployed and the side airbags and side curtain airbags may not work.

Rear-end collision

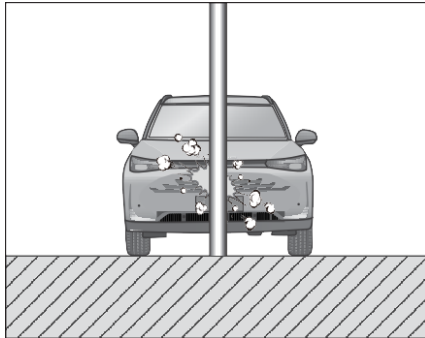


When a rear end collision accident occurs with a large truck, the driver instinctively performs emergency brake. At this time, the front of the vehicle body sinks. Due to the high ground clearance of large trucks, the front of the vehicle will undercut the bottom of the truck, and the crushing deformation of the front part of the vehicle will absorb the collision force. When the impact deceleration does not reach the airbag deployment condition, the airbag may not deploy.

Rollover accident

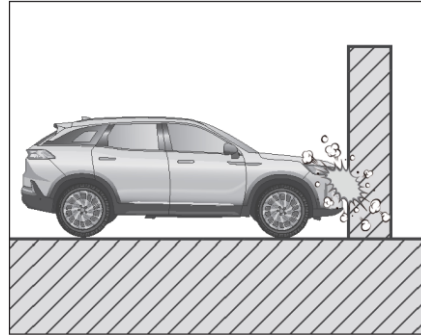


In a rollover accident, the forward airbag may not deploy, and at this time, the frontal airbag deployment cannot provide appropriate protection for driver and passengers. But if the vehicle is equipped with side airbags and side curtain airbags, the side airbags and side curtain airbags may deploy when the vehicle is overturned due to a side collision.

Special collision

If the vehicle collides with some smaller objects such as poles or trees, in which the collision points are concentrated in one place and the impact energy is quickly absorbed through severe deformation of the vehicle, without transmitting all the collision force to the airbag sensor, the airbag may not deploy at this time.

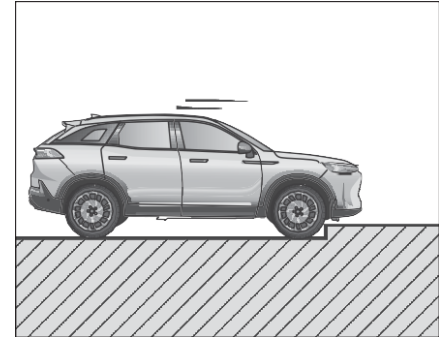
When the vehicle body has suffered a slight collision but the collision intensity has not reached the conditions for airbag deployment, and the airbag will not deploy.



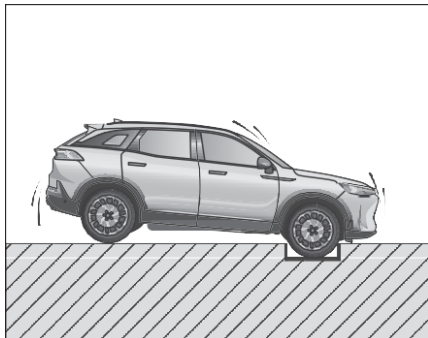
The vehicle hits a wall head-on, causing a slight collision on the body, but the collision strength does not reach the airbag deployment condition. The frontal airbag will not deploy and the side airbags and side curtain airbags will not work.

Collision at the bottom of the vehicle

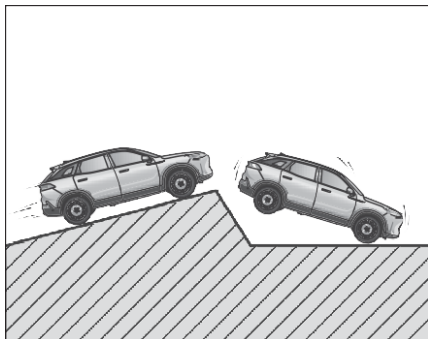
When the vehicle is subjected to severe impact, such as flying over steps, hitting road shoulders or hard objects, crossing deep pothole, etc., the airbag may unfold as long as the detected deceleration reaches the condition for airbag deployment; even if the vehicle deforms slightly, however, the rigid components of the vehicle are affected.

Hit the shoulder or hard object

The vehicle crosses the pit



Vehicle falling or flying over steps



Car safety for children

Accident statistics prove that children are safer in rear seats than in front seats.

It is recommended that children aged 12 and under and up to 1.5m in height sit on the rear seat and choose the appropriate child safety seat or use the available seat belt according to their age, height and weight to ensure the safety of children on the rear seat.

⚠ When the vehicle is running, do not allow children to enter the trunk. In case of accident or emergency brake, the child may be seriously injured.

⚠ Do not allow children to stand at the center console armrest storage box or jump their heads out of the sunroof, otherwise they may be thrown out and cause injuries.

⚠ The driver must be responsible for the safety of children in vehicle. Do not let children distract you when driving.

⚠ Do not allow children to stand or kneel on the seat.

⚠ Do not leave children in vehicle alone; otherwise, it may cause fatal injuries to children due to high or low temperature in the vehicle.

⚠ Children need to be supervised by adults when riding. Please select the appropriate child restraint system according to the child's stature.

⚠ Be sure to turn the child safety lock to the LOCK state when there is a child sitting in the rear.



Do not hold infants and young children in your arms when driving, otherwise the child may be injured or killed in an accident.

When carrying several children


The seats on both sides of the vehicle rear are equipped with ISOFIX child safety seat fixing devices, which can be used to fix up to 2 sets of ISOFIX child safety seats.


If the child is old enough to wear the seat belt, place the oldest child on the front passenger seat:


- Move the front passenger seat back as far as possible.
- Make the child sit up straight against the backrest.
- Lower the height of the seat belt, wear properly and fasten the seat belt.


Child safety seat


It is recommended to carry the instruction manual for the child safety seat.


 If there is no child restraint system, do not use the seat belt in the vehicle only for children aged 12 years or under and not exceeding 1.5 m in height. Otherwise, the abdomen and neck of the child may be injured in case of emergency brake or accident.

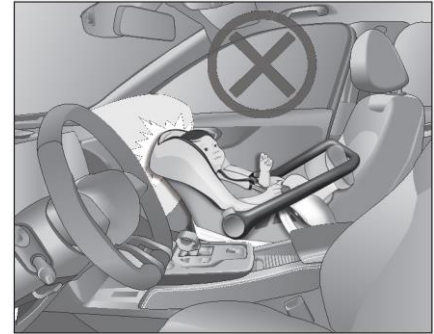
 One child safety seat can only be used by one child.

 One seat belt only applies to one person. Do not allow two children to share one seat belt.

 It is strictly prohibited to carry children in the hugging-sitting gear.

 The child safety seat shall be installed and used in accordance with traffic regulations and child safety seat manufacturer's instructions.

 It is strictly prohibited to put children in the rear seat when driving. And detain children without guardians in the rear.



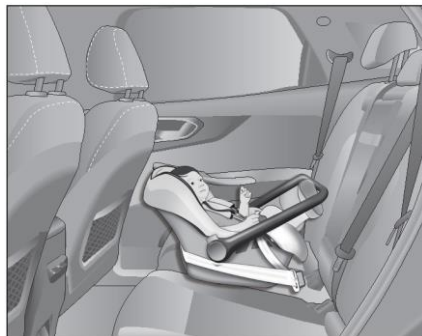
It is prohibited to place the child safety seat facing backward on the front seats of the vehicle; otherwise, when the airbag inflate and expand, the back of the child safety seat will be impacted with great force, causing serious injuries and even death to the child.



A warning sign is attached to the sun visor on the front passenger side of the vehicle to remind them to install the child safety seat properly. Be sure to read and follow the instructions on these nameplate.

Never use a rear-facing child restraint system in a frontal airbag-protected seat!

Classification of child safety seat (for reference only)



0/0+ group of child safety seat:

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



Group I child safety seat:

For infants or toddlers under 4 years of age and weighing between 9kg and 18kg, it is best to use Group I child safety seat with seat belt.



Group II child safety seat:

For children under 7 years of age and weighing between 15 kg and 25 kg, it is best to use the three-point seat belt with Group II child safety seats.



III group of child safety seats:

For children above 7 years old, with body weight of 22 kg ~ 36 kg and height below 1.5 m, it is advised to use the three-point seat belt combined with Group III child safety seat.

i Children taller than 1.5m can use the existing seat belt of the vehicle without using child safety seat.

A The upper part of the seat belt must pass through the middle of the shoulder, in no case close to the neck, and be firmly attached to the body.

A Lower the lap belt of the seat belt, but never apply it to the abdomen. Keep it close to the body, and adjust the seat belt if necessary.

Install the child safety seat correctly

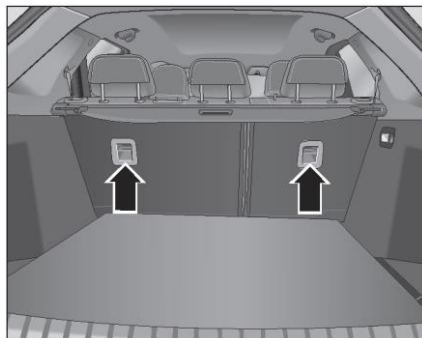
Before installing the child safety seat on the rear seat, the front seats must be adjusted to a suitable position according to the size of the child safety seat and the body shape of the child, so that in case of collision or emergency braking, the child sitting on the rear seat is not easy to be hurt by bumping into the hard objects in the vehicle, and the child riding on the rear seat will not be hurt by the inflation of the airbag.


ISOFIX child restraint seat fixture


Each of the rear side seats on the vehicle is equipped with one set of ISOFIX child safety seat anchorage, each set including two lower anchorage supports and one upper anchorage support.




The lower anchor support is located in the gap between the backrest and the seat cushion below the ISOFIX logo. Follow the instructions provided by the child safety seat manufacturer.



The upper anchor support is located at the rear of the rear backrest (as indicated by the  icon).

 The "ISOFIX" upper anchorage support behind the rear seat headrest can only be used to fix the "ISOFIX" child restraint seat.

 The upper and lower child restraint seat anchor mounts can only bear the load of the child restraint seat. It is prohibited to use it to fix other articles and equipment in any case.

Fixed position corresponding to the child safety seat

Mass group	Size category	Fixing module	Fixed position		
			Front passenger seat	Rear side seats	Rear middle seat
Bed	F	ISO/L1	X	IL**	X
	G	ISO/L2	X	IL**	X
Group 0: <10 kg	E	ISO/R1	X	IL*	X
Group 0+: <13kg	E	ISO/R1	X	IL*	X
	D	ISO/R2	X	IL*	X
	C	ISO/R3	X	IL*	X
Group I: 9-18kg	D	ISO/R2	X	IL*	X
	C	ISO/R3	X	IL*	X
	B	ISO/F2	X	IUF	X
	B1	ISO/F2X	X	IUF	X
	A	ISO/F3	X	IUF	X
Group II: 15-25kg			X		X
Group III: 22-36kg			X		X

Note: The meanings of the letters in the table are as follows:

IUF - Suitable for General ISOFIX child safety seat which is "facing forward" and fixed with the top tether strap for this mass group.

IL - Suitable for a semi-universal ISOFIX child safety seat installed in one of the following ways:

- Fix with top tether straps or supporting legs "facing back";
- Fix with support legs "facing forward";
- Infant seat secured with a top tether or legs.

X - Not suitable for installing child safety seats or baby seats with indicated child weight.

*: Be careful when installing child safety seat with legs, refer to child safety seat manufacturer's installation instructions.

** : The infant seat is secured by two low fixing rings of ISOFIX and takes up two rear seats.

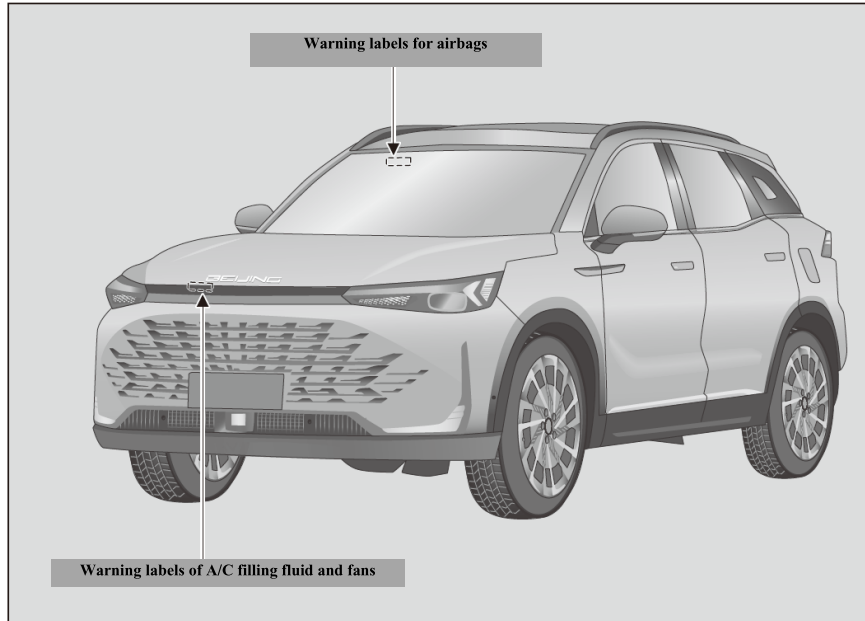
Safe operation indication**Suitability of child safety seat installed with airbags or air curtain seats**

Table of applicability of airbag status to child safety seat

Applicable group	Front seat		Rear side seat		Rear middle seat
	Airbag on	Airbag off	Forward mounting	Backward installation	
Group 0	X		X	U	X
Group 0+	X		X	U	X
Group I	X		U	U	X
Group II	X		U		X
Group III	X		U		X

U - Suitable for generic child safety seat approved by this quality group
X - This seat position does not apply to child safety seat in this mass group

Safety label

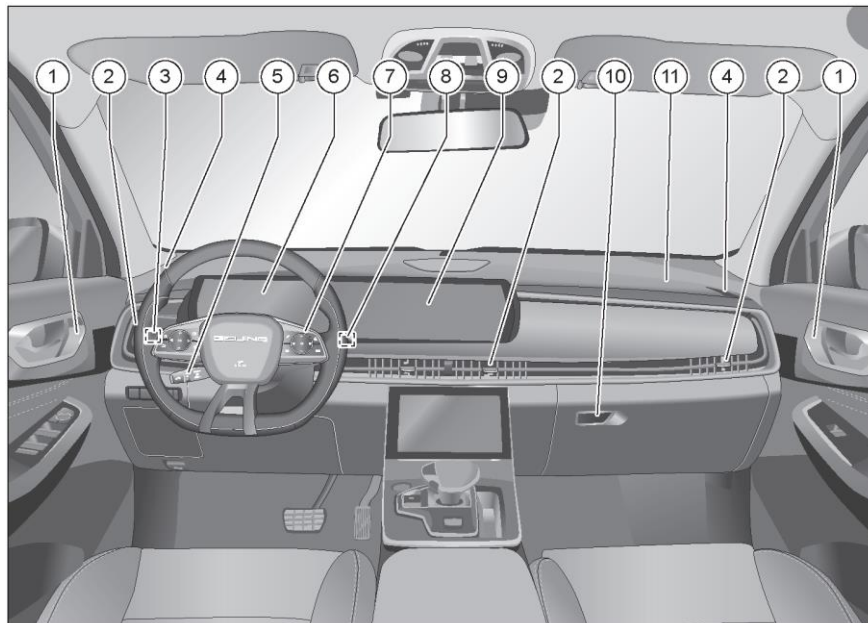


The position of the safety label is shown in the figure:

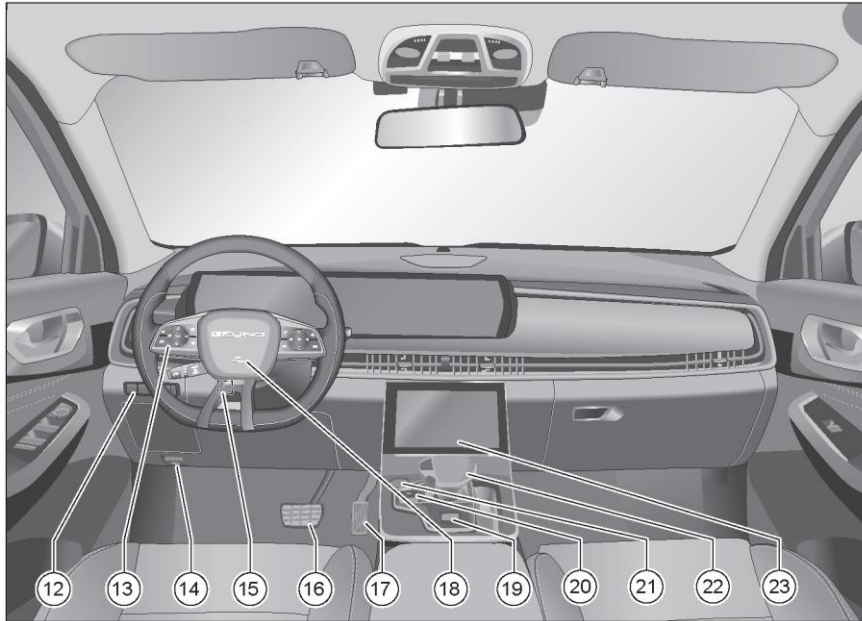
- Warning labels of the airbag locate on the front and back of the sun visor for the front passengers.
- The A/C filling fluid and fan warning label is located on the right side of the upper cross beam trim panel on the front of the engine compartment.

These labels are used to remind of potential dangers that may cause serious injuries. Please read the labels carefully.

Arrangement of instrument and control mechanism



1. Tweeter
2. A/C vent
3. light portfolio switch
4. Windshield side defrosting/defogging vent
5. Adaptive/cruise control handle*
6. Instrument cluster
7. Multimedia control button
8. Wiper combined switch
9. Infotainment screen
10. Glove box
11. Frontal airbag for the front passenger



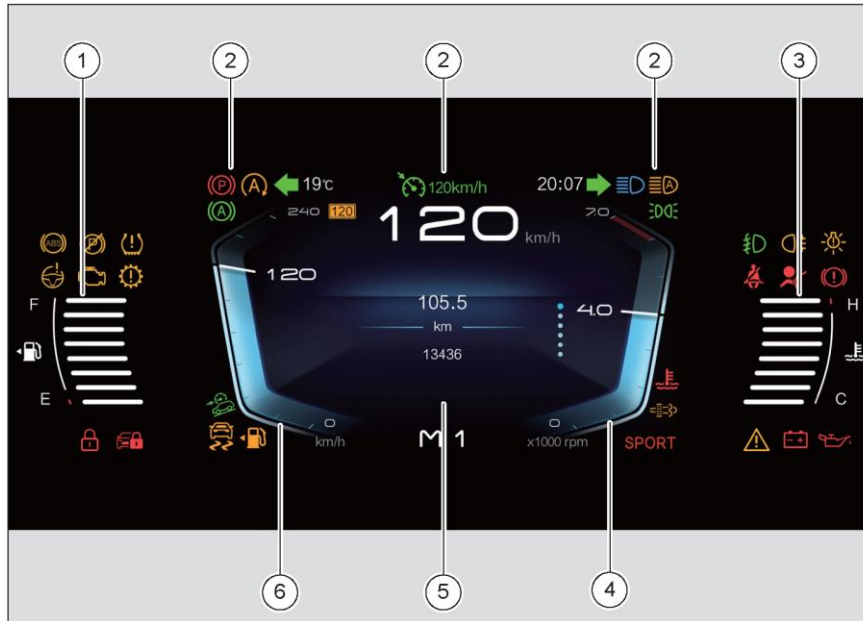
- 12. Multi-function switch panel (headlamp height adjustment, trunk switch, etc.)
- 13. Instrument and infotainment screen button
- 14. Engine compartment hood release handle
- 15. Turning wheel adjustment locking handle
- 16. Brake pedal
- 17. Accelerator pedal
- 18. Driver frontal airbag
- 19. Hazard warning light switch
- 20. EPB switch
- 21. START/STOP button
- 22. Gearshift handle
- 23. Infotainment screen

Infotainment screen



1. 360° AVM (AVM) button*
2. APA (APA) button*
3. Reverse with track guidance button*
4. Lane departure/lane assist button*
5. Parking sensor button*
6. Turning wheel heating button*
7. Automatic parking
8. Screen control button
9. ECO mode button

Instrument cluster (7 inch)



1. Fuel gauge
2. Indicator light and warning light
3. Engine coolant temperature
4. Engine tachometer
5. Instrument cluster display
6. Speedometer

Speedometer



The speedometer shows the real-time speed of the vehicle in km/h.

👁️ When driving vehicle, observe the speedometer from time to time and do not overspeed.

Fuel meter



The fuel meter shows the remaining fuel amount in the fuel tank. When braking, accelerating, turning or driving on slope, the fuel in the fuel tank may shake, which may affect the accuracy of the fuel meter display. It is necessary to park the vehicle on a flat road to check the fuel amount.

When the indication bar enters the red scale area, it indicates that the fuel is insufficient, and the fuel shortage indicator light goes on.

i Timely shift into the high gear position facilitates fuel saving and reducing noises in the engine operation.

⚠️ Do not drive until the fuel tank fuel is completely exhausted. Irregular fuel supply may cause poor ignition of the engine, and unburnt fuel entering the exhaust system can damage the catalytic converter!

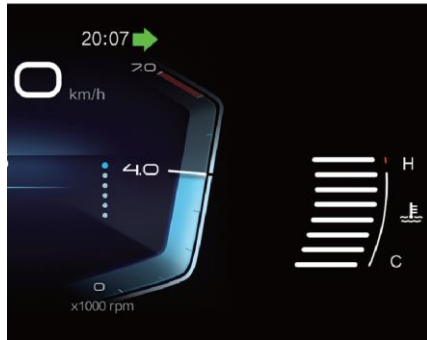
Engine tachometer



The tachometer indicates the PRM per minute of the engine (x 1000 rpm). The RPM sheet can also be used to assist in evaluating engine performance.


⚠️ To prevent damage to the engine, don't leave the RPM in the red zone for a long time.

Engine coolant thermometer



This thermometer displays the temperature of the engine coolant. During normal driving, the white indication shall indicate near the middle position.

If the indication bar enters the red scale area, it indicates that the coolant temperature is too high and may cause serious damage to the engine. Stop the vehicle immediately for inspection or help if safety permits. If the corresponding indication bar enters the red scale area several times, stop the vehicle as soon as possible and turn off the engine to check the coolant level.

 When the engine is running, do not open the coolant reservoir filler cap. Otherwise, the high pressure and hot coolant or steam may eject, which may cause scalding.

Instrument cluster display



The contents of the instrument cluster display include: alarm information, driving information and instrument.


The instrument operation button on the left side of the turning wheel can be used to view driving information, view menus and set instrument functions.

Instrument operation button



-  : Main Menu
-  : Page Up
-  : Page Down
-  : Flip Left
-  : Flip Right
-  : Confirm
-  : Return

Slide clockwise: same as  (right flip)

Anticlockwise sliding: same as  (left flip)

Journey information



When the Keyless Start/Stop button is in the "RUN" mode, short press **▲** / **▼** button can circularly view the trip information, including: distance, range, fuel consumption, self-starting, self-reset, and self-fueling.

Distance



The distance interface displays two types of information: vehicle driving total distance and trip distance.

The total distance is the total distance that the vehicle has traveled, and the display range is from 0~9999999 km.

The trip distance can accumulate the traveled distance within a certain range, and the display range is 0.0~9999.9 km. Trip distance reset mode:

1. On the display screen, short press the **OK** button to enter the reset page; or long press the **OK** key to reset directly;

2. The trip distance reaches the maximum value of 9999.9 km;
3. Disconnect the battery.

Driving mileage



Based on the available drive mode and the amount of fuel in the fuel tank, you can estimate and display the distance you can drive. The range may increase further if you use more economical driving or vehicle in better conditions.

Fuel consumption



The fuel consumption interface displays average fuel consumption and instantaneous fuel consumption.

The average fuel consumption shows the fuel amount consumed by the vehicle per distance, in units of L/100 km. Displays the average fuel consumption from the last reset to the time of viewing.

Transient fuel consumption indicates the magnitude of the transient fuel consumption that can help the user adjust his driving habits to achieve the desired fuel consumption. The trip time is the accumulated time of this driving. Timing starts when the Start/Stop button is in the "RUN" mode. Maximum of 99:59' is displayed.

Reset mode:

1. On the display screen, short press the **OK** button to enter the reset page; or long press the **OK** key to reset directly;
2. Disconnect the battery.

Since start-up



The trip distance, average fuel consumption, trip time and average speed of the vehicle are displayed on the self-starting interface.

The trip distance accumulates the traveled distance in a certain interval. Display range: 0.0~9999.9 km.

The average fuel consumption is the average oil amount for the trip distance traveled.

The trip time is the accumulated time of this driving. Timing starts when the Start/Stop button is in the "RUN" mode. Maximum of 99:59' is displayed.

Average speed is the speed of traveled distance divided by trip time in a trip time.

Reset mode:

1. On the display screen, short press the **OK** button to enter the reset page; or long press the **OK** key to reset directly;
2. The Start/Stop button is in the "OFF" mode for more than 2 consecutive hours;
3. The trip distance reaches the maximum value of 9999.9 km;
4. Disconnect the battery.

During reset, the trip distance/average fuel consumption is reset at the same time.

After self-reset



After resetting, the interface shows the trip distance, average fuel consumption, trip time and average speed of the vehicle since the last reset.

The trip distance accumulates the traveled distance in a certain interval. Display range: 0.0~9999.9 km.

The average fuel consumption is the average oil amount for the trip distance traveled.

The trip time is the accumulated time of this driving. Timing starts when the Start/Stop button is in the "RUN" mode. Maximum of 99:59' is displayed.

Average speed is the speed of traveled distance divided by trip time in a trip time.

Reset mode:

1. On the display screen, short press the **OK** button to enter the reset page; or long press the **OK** key to reset directly;
2. The trip distance reaches the maximum value of 9999.9 km;
3. Disconnect the battery.

During reset, the trip distance/average fuel consumption is reset at the same time.

After refueling

After refueling, the interface shows four kinds of information: trip distance, average fuel consumption, trip time and average speed.

The trip distance is the accumulated traveled distance after refueling. Display range: 0.0~9999.9 km.

The average fuel consumption is the average fuel consumption of the distance traveled by the trip distance after refueling.

The trip time is the accumulated driving time after refueling, and the timing starts when the Start/Stop button is in the "RUN" mode. Maximum of 99:59' is displayed.

Average speed is the speed of traveled distance divided by trip time in a trip time.

Reset mode:

1. The detected oil amount change is more than 6L (it shall be ensured that the change of one refueling is more than 6L);
2. The trip distance reaches the maximum value of 9999.9 km;
3. Disconnect the battery.

During reset, the trip distance/average fuel consumption is reset at the same time.

Instrument information

The menu contents include auxiliary, telephone, navigation, trip, audio, music, minimalist, service. You can select the menu icons by turning left instrument key **<** and right instrument key **>**. After selecting, press **OK** key to enter the menu contents.

Assist



After entering the attention assistance setting interface, short press **▲** / **▼** button to select "Attention Assistance" and "Overspeed Alarming". Short press the **OK** button to confirm the current selection, and thereafter return to the previous interface.

Driving assistance



In the "Driver Assistance" interface, you may check the ACC/LKS activation state, which displays the information such as the cruise control state of the vehicle and relative positional relationship of the target vehicle, as well as whether the vehicle is running on the central line.

Attention assist



After entering the Attention Assist setting interface, short pressing **▲** / **▼** pressing the button can select "Off", "Standard" and "Sensitive" and short pressing the **OK** button to confirm the current selection and the previous setting interface will be returned after confirmation.

Overspeed alarm



After entering the overspeed alarm setting interface, the short press **<** / **>** button can select the "ON" or "OFF" overspeed alarm function. In the "ON" interface, short press **△** / **▽** button to adjust the overspeed warm limit, short press the **OK** button to confirm the current selection, and then return to the previous interface.

Telephone



In the phone interface, the short press **△** / **▽** button can select the number of the "call log". Short press the **OK** OK button to dial the current number, and short press the **OK** button to hang up the current call during the call.



When the call comes, the **△** buttons are used to answer or **▽** hang up the call, and the short press the **OK** button confirms the current selection.

Navigation



In the navigation interface, the short press **△** / **▽** button can select "Driving Direction" and "TBT Navigation".

Voiced



Radio stations can be switched through the short press **△** / **▽** button in audio interface, and it can enter the selection page for audio source selection through short press the **OK** button. The short press **△** / **▽** button can select "FM", "AM", "DAB", and the short press the **OK** button can confirm the current selection, after confirmation it will return to the previous interface.

Music



Short press **△** / **▽** button to switch music in the music interface, and short press the **OK** button to enter the selection page for audio source selection. Short press **△** / **▽** button to select the lines of "Bluetooth Music" and "USB Music", short press the **OK** button to confirm the current selection, and return to the previous interface after confirmation.

Minimalism



In the minimalist interface, short press **△** / **▽** button can select "On" and "Off" to enable the minimalist mode, short press the **OK** button confirms the current selection. After confirmation, press the **↶** button to return to the previous level.

Service



When the Keyless Start/Stop button is in the "RUN" mode, view the service information cycle with short press **△** / **▽** button, which includes fault information, tire pressure monitoring, service cycle and version message.

Fault information



Press shortly on **OK** confirmation on the "Fault Information" interface to enter the fault information search screen. After entering, short press **△** / **▽** button can select and view the pop-up windows stored in the fault list, and press the **↶** button to return to the previous interface.

Tire pressure monitoring



When all tire pressure are normal, the corresponding position of the instrument cluster tire pressure will display the tire pressure and tire temperature. When the temperature or pressure is abnormal, the tire on the tire pressure interface will turn red and the corresponding abnormal temperature or pressure will turn red, text and audible prompts will be given, and the indicator light of the tire pressure system will light up at the same time. When other tire pressure faults occur, text and audible prompts will pop up. At this time, users should check the tire status or contact the dealership of BAIC Motor for maintenance in time to avoid potential safety hazards.

i Restart the vehicle, after the instrument self-test is completed, the instrument will display the tire temperature and pressure, which is the historical value before the last shutdown, not the current vehicle tire temperature and pressure, when the vehicle starts to run, the system will update the current tire state in real time.

i After the vehicle is started, if the speed exceeds 30 km/h and a period of time passes, the instrument will update the current tire pressure/temperature, and the TPMS will automatically enter the normal mode.


Service cycle



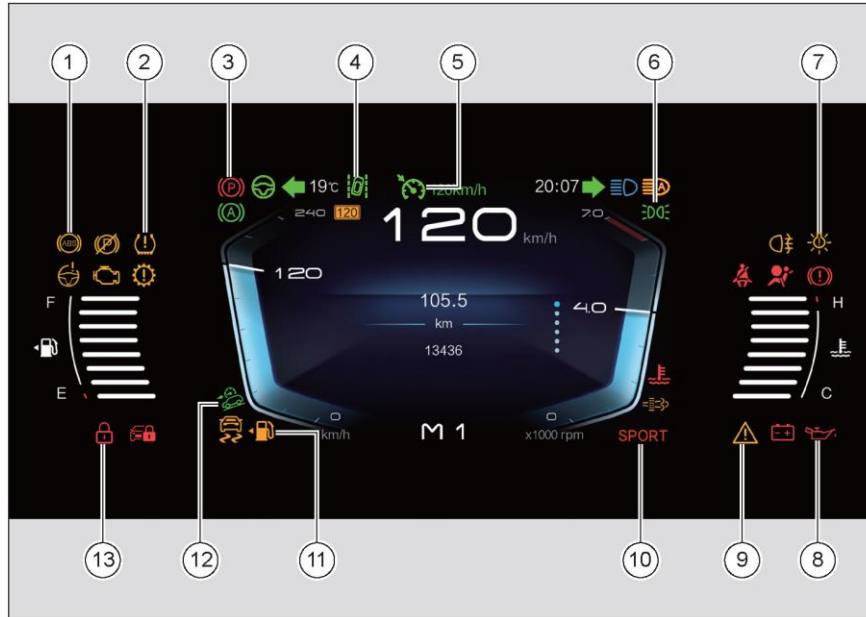
The service cycle shows the distance until the next vehicle service. The first service cycle of the vehicle is 5,000km and the interval service cycle is 10,000km. It is recommended that the user should check it regularly and maintain it in time. Press the **OK** button in the maintenance instrument display to reset the service cycle according to the prompts.

Version information

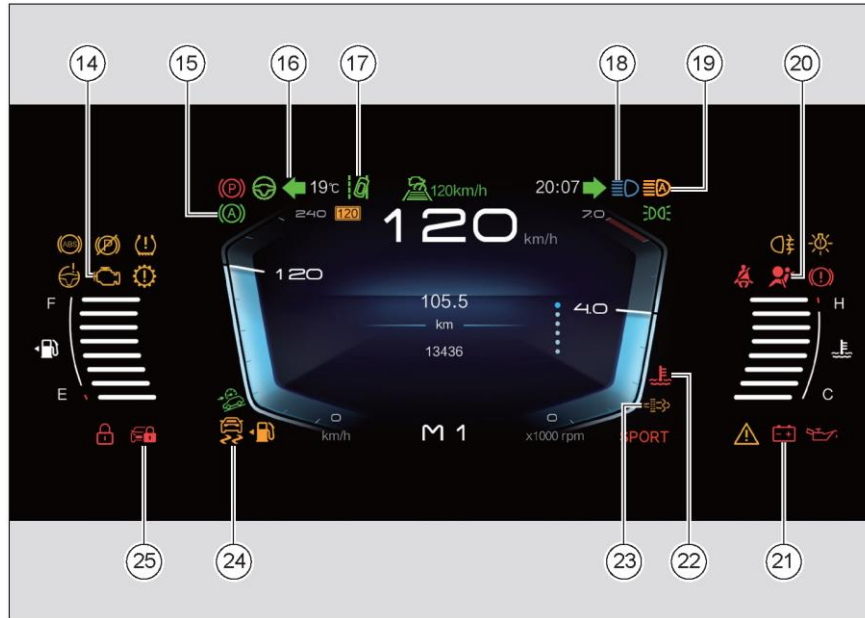


You can view the instrument version information in the version information interface. Press the  button to return to the previous interface.

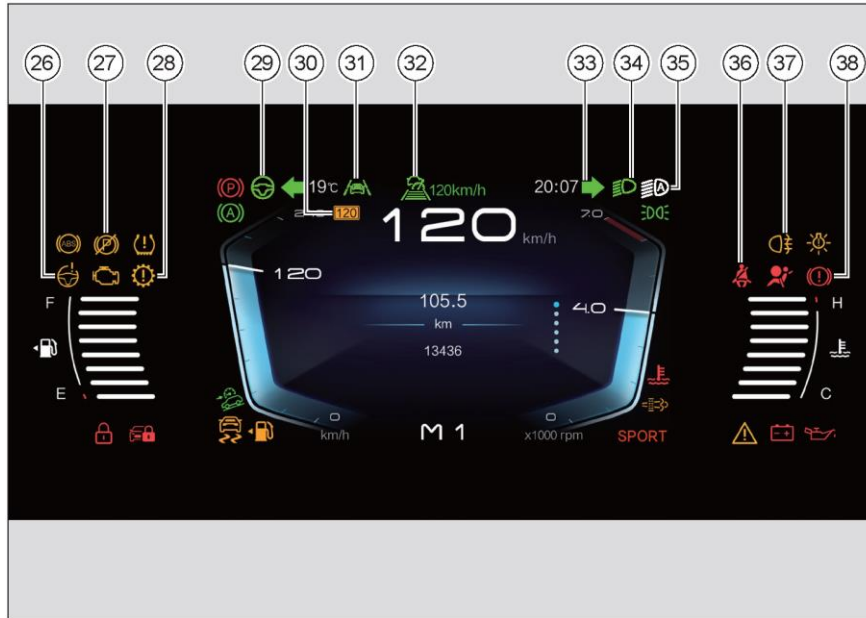
Instrument indicator light and indicator light (7 inches)



1. ABS indicator light
2. Tire pressure indicator light
3. EPB indicator light
4. Road departure assist indicator light
5. Cruise control operation indicator light
6. Position lamp ON indicator
7. Lighting system indicator light
8. Engine oil pressure indicator light
9. Indicator light
10. SPORT mode indicator light
11. Low fuel indicator light
12. HDC hill descent control indicator light
13. Body anti-theft indicator light




- 14. Engine system indicator light
- 15. Automatic parking indicator light
- 16. Left turn signal
- 17. LDWS indicator light
- 18. High beam start indicator light
- 19. IHBC indicator light*
- 20. Airbag indicator light
- 21. Battery charging indicator light
- 22. High water temperature indicator light
- 23. GPF indicator light
- 24. ESP work/failure indicator light
- 25. Engine anti-theft indicator light




- 26. EPS indicator light
- 27. EPB indicator light
- 28. Transmission indicator light
- 29. Intelligent cruise control assist indicator light*
- 30. Indicator light for speeding
- 31. LKAS indicator light
- 32. ACC standby indicator light*
- 33. Right turn signal
- 34. Low beam on indicator light
- 35. Automatic light indicator light*
- 36. Unfastened seat belt indicator light
- 37. Rear fog lamp ON indicator light
- 38. Low brake system failure/brake fluid indicator light

Description of indicator light and indicator lights

1.  ABS indicator light (yellow)

When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.


If the indicator light does not go out or illuminates during driving, the ABS system is faulty.

2.  Tire pressure indicator light (yellow)

When the Start/Stop button is in the "RUN" mode, this light goes on for self-inspection, and then goes out after self-inspection.


If the indicator light does not go out after self-inspection or stays on during driving, it indicates that there is abnormal tire pressure. The instrument cluster prompts "Abnormal Tire Pressure", accompanied by a prompt sound; The indicator light does not go out after self-test or stays on after flashing for 60 s during driving. Indicates that the tire pressure system is faulty.


When any of the above occurs, stop aside and check the state of the tire if it is safe to do so.


3.  Electric parking brake indicator light (red)


Indicate the state of the EPB function,


When the light is on, the indication means EPB parking function is turned on. When the vehicle shuts down, the parking function is turned on automatically.


4.  Road departure assist indicator light (green)*


The LDA indicator light  (green) will go on when the LDA system is activated normally.

When the lane departure assist system is in standby state, the lane departure assist standby indicator light  (white) goes on.

When a failure occurs in the LDA system, the LDA indicator light  (yellow) will light up. The instrument cluster prompts "LDWS Fault", accompanied by three prompt sounds.


5.  Cruise control operation indicator light (green)

When the Start/Stop button is in the "RUN" mode, the cruise control running indicator light  (green) goes on for self-inspection, and then goes out after self-inspection. The indication light is on when the cruise control is activated.


When the cruise control switch is on, but the system is not activated, the cruise control standby indicator light  (white) lights up.

6.  Position lamp ON indicator light (green)

The indication position lamp state, which goes on when the position lamp is turned on.

7.  Light system indicator light (yellow)

This indicator light indicates the state of the external light of the vehicle. When the external light of the vehicle fails, this light goes on. The instrument cluster prompts "light system failure." If this indicator light comes on during driving, please stop to inspect the exterior light if it is safe to do so.

8.  Engine oil pressure indicator light (red)

When the Start/Stop button is in the "RUN" mode, this light will illuminate for self-test and go out after the engine is started.

If the indicator light is on after the engine is started, it indicates the engine oil pressure is low. The instrument cluster prompts "Low Engine Oil Pressure", accompanied by three prompt sounds. In this case, stop the vehicle immediately if it is safe to do so. Do not continue driving.


9.  Indicator light (yellow)

When there is a fault information under the "fault information" menu, this light goes on.

10. **SPORT** SPORT mode indicator light (red)

When the SPORT mode is turned on, the SPORT mode indicator light **SPORT** goes on.


When the ECO mode is turned on, the ECO mode indicator light **ECO** goes on.

11.  Insufficient fuel indicator light (Yellow)


When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.


If the indicator light does not go out after self-test or is still on during driving, it indicates that the fuel is insufficient. At this time, replenish the fuel in time.

If the indicator light flashes, the fuel sensor is faulty. If at this time the fuel meter cannot normally give indication for the current oil amount, please go to the nearby dealership of BAIC Motor for check as soon as possible, in case of breaking down of the vehicle.

12.  HDC steep slope descent indicator light (green)


When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.

When the HDC is working, the HDC indicator light  (green) flashes.


When the HDC fails, the HDC indicator light  (red) goes on.


13.  Body anti-theft indicator light (red)


When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.


14.  Engine system indicator light (yellow)

When the Start/Stop button is in the "RUN" mode, this light goes on for self-inspection. When the vehicle is started, if there is no fault, this light goes out. When the engine is started, the indicator light does not go out or lights up during driving, indicating that the engine system is faulty.


 If the indicator light goes on during driving, please contact the dealership of BAIC Motor for inspection and repair as soon as possible. If no measures are taken, the performance of the engine may be seriously affected.

15.  Automatically parking indicator light (green)

When the automatic parking system is working, the automatic parking indicator light  (green) goes on.

When the Start/Stop button is in the "RUN" mode, the automatic parking indicator light  (yellow) is on for self-test and is off after self-test.

When the AUTO HOLD system fails, the AUTO HOLD indicator light  (yellow) goes on.


16.  Left turning indicator light (green)

Indication of the working state of the left turn signal lamp. When the left turn signal light or hazard warning light is turned on, the indicator light flashes. If the indicator light flashes faster than the normal state, it indicates a failure in the left turn signal. Please go to a nearby dealership of BAIC Motor for inspection and repair as soon as possible.

17.  LDWS indicator light (green) *

When the LDWS is normally turned on, the LDWS indicator light  (green) goes on.


When LDWS is in standby state, the LDWS standby indicator light  (white) goes on.

When the LDWS fails, the LDWS indicator light  (yellow) goes on. The instrument cluster prompts "LDWS Fault", accompanied by three prompt sounds.


18.  High beam ON indicator light (blue)


This light indicates the working state of the high beam and goes on when the high beam is turned on.

19.  IHBC indicator light (yellow)*

When the IHBC fails, the IHBC indicator light  (yellow) is on. Please contact the dealership of BAIC Motor for inspection and repair.


When the IHBC is in standby state, the IHBC standby indicator light  (white) goes on.


When the IHBC is in working state, the IHBC indicator light  (green) goes on.


20.  Airbag indicator light (red)

When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.

After the self-inspection, if the indicator light goes on, it indicates that the SRS is faulty. When this indicator light is on, the SRS function cannot be guaranteed.


 When the airbag indicator light is on, it is not guaranteed that the SRS functions normally.


 If the indicator light does not go on during the self-inspection, it indicates that the SRS or indicator light is damaged. Please go to a nearby dealership of BAIC Motor for repair and inspection as soon as possible.

21.  Indicator light for failure of battery charging (red)

When the Start/Stop button is in the "RUN" mode, the indicator light for failure of battery charging lights up. When the engine is started, the light goes out.


If the indicator light is still on after the engine is started, it indicates that the battery charging system is faulty. Contact the dealership of BAIC Motor for troubleshooting as soon as possible.


 If the indicator light goes on during driving, stop it immediately if it is safe to do so, and contact the dealership of BAIC Motor for inspection and repair as soon as possible. If no measures are taken, the battery may be seriously short of electricity and the engine will not work.


22.  Indicator light (red) for high water temperature


When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.


If the indicator light does not go out after self-test or is on during driving, it indicates that the current engine coolant temperature is high. The instrument cluster prompts "High engine temperature", accompanied by a sound. In this case, the engine RPM should be reduced and the vehicle should be stopped immediately while ensuring safety.

23.  GPF indicator light (yellow)

When the GPF is actively regenerating, the  (green) indicator light goes on. The instrument cluster prompts "GPF active regeneration. No user action required."


When the GPF needs to be regenerated, the  (yellow) indicator light goes on. The instrument cluster prompts that "GPF needs to be regenerated. It is recommended that users drive at high-speed conditions or go to a service station to handle it."

When the GPF is in need of repair, the  (red) indicator light goes on. The instrument cluster prompts "GPF saturation. Users should go to the 4S store for parking regeneration".

24.  ESP working/indicator light (yellow)

When the Start/Stop button is in the "RUN" mode, this light goes on for self-inspection, and then goes out after self-inspection.

If the indicator light flashes quickly during driving, it means that the ESP is working; If the indicator light goes on after the self-test or during driving, it indicates a failure occurs in the ESP system. The instrument cluster displays the prompt "Please check ESP" accompanied by an audible prompt. If the indicator light stays on, go to a nearby dealership of BAIC Motor for inspection and repair as soon as possible.

25.  Engine anti-theft indicator light (red)


When the Start/Stop button is in the "RUN" mode, this light goes on for self-inspection, and then goes out after self-inspection.

When the key fails to pass the anti-theft authentication of the engine, the light stays on and the engine fails to start.

26.  EPS indicator light (yellow)


When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.

If the light does not go out after the self-inspection or illuminates in the process of running, it indicates a failure in the EPS system. The instrument cluster prompts "Please check EPS."

27.  EPB indicator light (yellow)


When the Start/Stop button is in the "RUN" mode, this light goes on for self-inspection, and then goes out after self-inspection.


This indicator light indicates the state of the EPB system. When the EPB system fails, this light goes on. The instrument cluster prompts "EPB system failure". If the indicator light is on during driving, contact the dealership of BAIC Motor for inspection and repair.


28.  Transmission indicator light (yellow)


When the Start/Stop button is in the "RUN" mode, this light goes on for self-inspection, and then goes out after self-inspection.

After the self-inspection, if the indicator light goes on, it indicates that the automatic transmission system is faulty. In the event of a gearbox failure, the driving performance of the vehicle is significantly degraded and the engine RPM is limited within 3500 r/min.

29.  Intelligent cruise assist indicator light (green)*

When the IACC is activated, the IACC indicator light  (green) goes on.


When the IACC is on, but the system is not activated, the IACC standby indicator light  (white) goes on.


When the IACC fails, the IACC indicator light  (yellow) lights up.


30.  Indicator light for speeding


This indicator light indicates whether the current speed exceeds the speed limit set by the driver. When the speed limit is exceeded, the corresponding speed limit will be displayed and an overspeed alarm will be triggered. The default setting of the system is 120 km/h. The driver can set the speed limit or turn off the system.

31.  LKAS indicator light (green)*


The indicator light indicates the state of LKAS is turned on. When the system is activated, the LKAS indicator light  (green) lights up.

When the LKAS is in standby state, the BSD system standby indicator light  (white) goes on.


When the LKAS does not work normally, the LKAS indicator light  (yellow) goes on.

32.  ACC standby indicator light (white)*


When the ACC is in standby state, the ACC standby indicator light  (white) goes on.

When the ACC is turned on, the ACC indicator light  (green) lights up.


When the ACC fails, the ACC indicator light  (yellow) goes on.

33.  Right turning indicator light (green)

It indicates the working status of the right turn signal lamp. When the right turn signal lamp or hazard warning light is turned on, the indicator light flashes. If the indicator light flashes faster than normal state, it means that the right turn signal is faulty. Go to a nearby dealership of BAIC Motor for inspection and repair as soon as possible.

34.  Low beam on indicator light (green)

The indication low beam state will come on when the low beam of the headlamp is turned on.


35.  Indicator light for the automatic light (white)

The indicator light indicates the working state of the automatic light system, and it is illuminated when the automatic light system is working.

36.  Seat belt alarm light (red)


This light indicates the state of the side seat belt of the driver. When the driver is not wearing a seat belt, this light goes on.

When the vehicle speed is ≥ 25 km/h or the continuous trip time is ≥ 60 s or the continuous driving distance is ≥ 300 m, and the driver's seat belt is not fastened, the unfastened indicator light will flash, accompanied by audible alarm, and the corresponding seat in the alarm pop-up window will turn red.

37.  Indicator light for turning on the rear fog lamp (yellow)

Indication rear fog lamp state, when turned on

Illuminated when the fog lamp is turned on.

38.  Brake system failure/brake fluid Low indicator light (red)

When the Start/Stop button is in the "RUN" mode, this light will go on for self-inspection, and then go out after self-inspection.

If the indicator light does not go out or goes on during driving, the brake fluid level is low or the brake system is faulty.

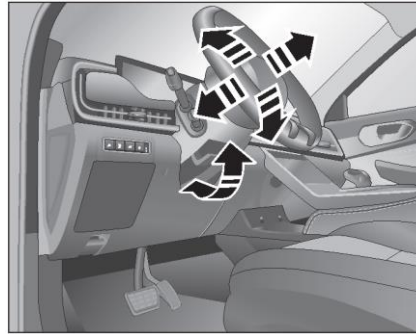
If this indicator light comes on during driving, it is necessary to stop the vehicle immediately if it is safe to do so. Do not press the brake pedal repeatedly.

Turning wheel

Adjust the steering wheel position



The driver can adjust the height of the turning wheel according to the body shape and driving habits.



Loosen the turning wheel adjusting locking handle downwards to adjust the position of the turning wheel upwards, downwards, forwards and backwards, so as to improve the comfort and safety of people with different statures.

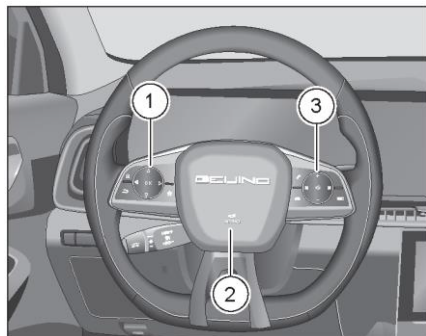
After proper adjustment, stabilize the turning wheel, push back the locking handle upward, and shake the turning wheel to confirm that the turning wheel position is locked reliably.

⚠ Do not adjust the turning wheel forcefully up and down, forward and backward with the locking handle released; otherwise, the parts will be damaged.

⚠ It is strictly prohibited to adjust the position of the turning wheel when the vehicle is running to avoid accidents.

⚠ The locking handle must be pressed firmly to prevent the position of the turning wheel from changing during vehicle operation.

Multifunctional turning wheel



The multifunctional turning wheel is equipped with the following functional buttons:

- ① Instrument and central control button*
- ② Horn
- ③ Multimedia control button

Instrument and infotainment screen button*

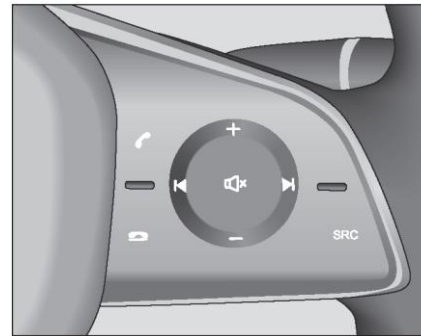


- : Main Menu
- : Page Up
- : Page Down
- : Flip Left
- : Flip Right
- : Confirm
- : Return

Slide clockwise: same as (right flip)

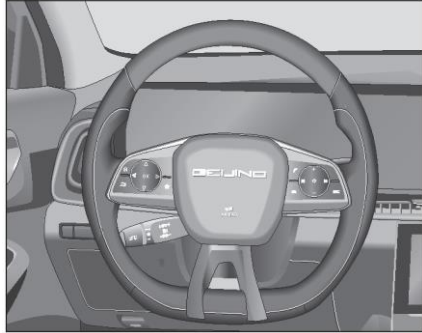
Anticlockwise sliding: same as (left flip)


Multimedia control button






- : Answer the phone
- : Hang up
- : Volume up
- : Volume Decrease
- : Next Track
- : Previous
- : Mute key
- : SRC audio source selection button
- Slide clockwise: same as (volume up)
- Slide counterclockwise: same as (volume down)

Horn



Press the horn  on the turning wheel to mark the area nearby. The horn will sound and stop when you let go.

-  Do not hit or knock the horn switch with your fist in case of damaging the vehicle parts.
-  The horn shall be checked regularly to ensure that the horn is working properly.
-  Please observe the no-honking traffic regulations and use the horn in a civilized manner.

Smart key







Vehicle equipped with keyless Start/Stop function are equipped with smart keys.

It is normal that the effective range of smart key may be reduced due to the influence of external environment. Short-term smart key failure may be caused by other key, pacemakers, or other radio transmitters. If the smart key fails, try the following:

- Walk closer to the vehicle and try again. In rain or snow, the effective range of the smart key may be reduced.
- Take a few steps to the left or to the right to hold the smart key higher, and then try again. If there are other vehicles or objects between the smart key and the vehicle, the transmission of signal may be blocked.
- Check the battery in the key.

The smart key contains mechanical key and the mechanical key can be used in case of emergency. If the smart key does not work, use the mechanical key to open the door.

If the smart key is lost, please contact the dealership of BAIC Motor as soon as possible to adapt the key to prevent the vehicle from being stolen.

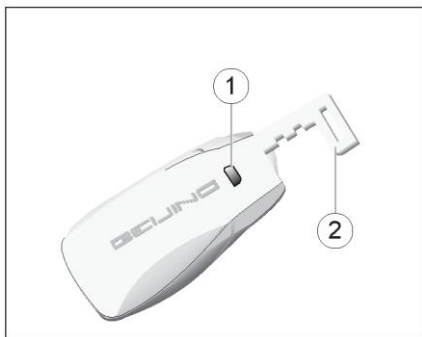
-  Do not attach objects (e.g. metallic film) that can interfere with the smart key.
-  Do not knock other objects with smart key.
-  Do not expose the smart key to high temperatures for long periods, such as on dashboard or engine compartment hood that are exposed to direct sunlight.
-  Do not soak the smart key or clean it in ultrasonic washer.
-  Do not put smart key together with devices that emit electromagnetic waves, such as mobile phones.
-  Vehicle decoration may affect the remote control distance of the vehicle (e.g. window film, etc.). Please choose the appropriate vehicle decoration.

Operating system and device

When flying with smart key, be sure not to play with the smart key in the cabin. When the button is pressed, radio waves from the smart key may disturb the plane.

Open/close the door with the mechanical key

The smart key contains a mechanical key which is used in emergency situations. If the smart key runs out of battery or fails due to other faults, remove the mechanical key and open the door as follows.

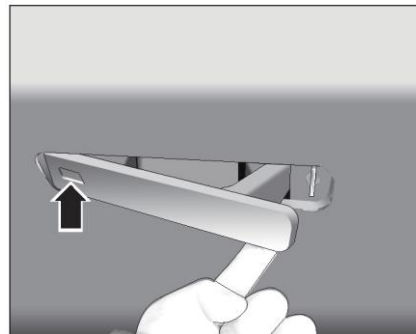


Steps for unlocking/locking the doors:

1. Press and hold the locking button ① until the mechanical key ② pops up.
2. Pull out the mechanical key ②.
3. Unlock by turning the door latch core in a counterclockwise direction, and lock in a clockwise direction;
4. Press and hold the locking button ①;
5. Insert the mechanical key ② and release the locking button ① when the mechanical key ② completely enters the smart key.

i Be sure to put the mechanical key back after using it.

i If you use the smart key to lock the door, unlock the door with the mechanical key, the vehicle will enter the alarm state, at this time, you need to put the smart key in the center console armrest storage box with emergency start identification, and press the Start/Stop button to make it deactivated.



i Press the front area of the exterior door handle to unfold the exterior door handle.

Locking door with mechanical key emergency lock

When the vehicle is powered off, the left front door lock is locked by the mechanical key, and the other three doors are locked by the self-contained emergency door lock.


Use method of emergency lock





1. Remove the mechanical key;
2. Open the door, insert the mechanical key into the emergency lock switch ①, and rotate the left rear door lock counterclockwise, and the right rear and right front door lock clockwise to lock the door;
3. Close the door.


Smart key




Unlock button : unlock the vehicle door latch.

Lock button : lock the vehicle door latch.


Unlock button  of the trunk: unlock the trunk lid (manual trunk lid); Automatically turn the trunk lid (electric trunk lid) on or off.


Locating button : Press this button in alert state, the vehicle will send out sound and light alarm, prompting the vehicle location.


 After pressing the Unlock/Lock button continuously, the door lock protection will be triggered, and the unlock/lock function will be temporarily disabled.


Locking door



 When all doors, engine compartment hood and trunk lid are closed, press the Lock button, and all doors will be locked, meanwhile all turn signals go on for about 2 seconds.

 Check that all doors are securely locked and that they are completely closed before leaving the vehicle.


 With any door (4 doors) is not closed, the door will not lock when pressing the lock button.

 When the four doors are closed and the engine cover or trunk lid is not closed, press down the Lock button (the turn signal lamp flashes 3 times) and then enter the alarm state. At this moment, press the unlocking button to cancel the alarm.

i After the automatic folding of the side mirrors is turned on through the infotainment screen, the side mirrors fold automatically when all doors are locked.

Unlock the doors




When all door are locked, press the Unlock button  and the four door are unlocked and the turn signal lamp flashes twice.

i The side mirror unfolds automatically when the four doors are unlocked after the automatic folding of the side mirror is enabled through the infotainment screen.

Open the trunk




Press twice the trunk lid Unlock button  on the key to unlock the trunk lid.

i Vehicle equipped with electric trunk lid function,

The trunk lid will be turned on automatically.

Vehicle locating function



With the vehicle in the alert state and within a distance of <math><15\text{ m}</math> (open area), press the vehicle locating button  on the smart key, at this moment, the turn signal flashes twice and the horn sounds twice.

Replace the battery

When the smart key runs low, the instrument cluster will remind you to replace the battery. Improper operation will damage the key when replacing the battery. It is recommended to go to the dealership of BAIC Motor for replacement.

⚠ Be careful not to touch the circuit board of the remote controller, or static electricity may be generated, which may damage the smart key.

⚠ When replacing the battery of the key, do not lose any parts.

⚠ If you replace it by yourself, you need to use the CR2032 lithium battery.

⚠ Waste battery must be disposed of in accordance with local laws.

👁 Ensure that the positive and negative poles of the smart key cell are installed correctly.

👁 When replacing smart key cell, make sure the battery is dry.

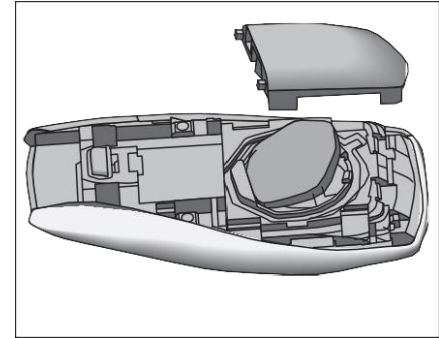
👁 Do not touch or move any part of the smart key, otherwise the smart key will be affected.

👁 When installing the smart key cell, be careful not to bend the electrodes and keep the battery box free of dust or greasy dirt.

Replacement of smart key cell



1. Remove the mechanical key;
2. Pry up the rear cover of the smart key;



3. Open the battery cover;
4. Remove the battery to avoid contacting the circuit board and battery clamps;
5. Avoid touching the battery surface when installing the battery and wipe the battery clean before installation;
6. Ensure that the battery cover is fully engaged during installation to avoid dust and moisture from entering;
7. After the battery is replaced, it is necessary to test whether the function of the smart key is normal. If the smart key still does not work properly, contact the dealership of BAIC Motor.

Keyless entry and start system

Unlocking without key

After setting, carry the smart key close to the vehicle, within about 1.5 meters of the front door handle, the hidden handle automatically unfolds, the door lock unlocks.

When the vehicle is not used for a long time or the battery power is low, the above-mentioned approach automatic deployment function will be automatically turned off, and then the key unlock button is needed to unlock it.

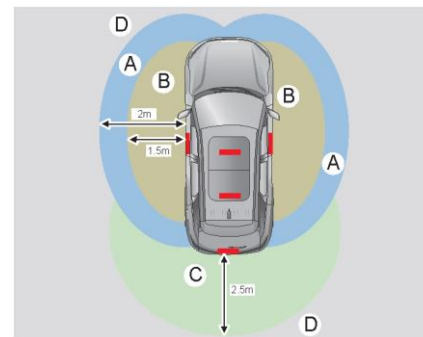
Keyless lock

When the Start/Stop button is in the "OFF" mode, all doors, engine cover, trunk door are closed, carry the key out of the vehicle, walk to about 2 meters away from the front door handle, the hidden handle automatically withdraws, the door lock is locked.

1 In severe winter conditions, freezing in the door handle may cause it to fail to open. To avoid a large amount of ice inside the door handle, eject the door handle after wash the vehicle, blow dry the water inside, and wipe dry the door handle and door outside. If it cannot be opened due to icing, the following operations shall be taken:

1. Remove ice layers outside the door handle and in crevices.
2. Press down firmly on the front of the door handle to break the ice.
3. Press the remote unlock button to see if the door handle ejects. If not, beat the front and rear of the door handle with your fist until it ejects.
4. If ice accumulates inside the door handle after it is ejected, clean the ice first, and then open and close the door handle several times to ensure that it returns completely.

Effective conditions for automatic lock function



When the following conditions are satisfied, leave the vehicle 2 m away and begin automatic locking the vehicle (D area is the locking area).

1. Enable the smart entry function through the infotainment screen;
2. Set the Keyless Start/Stop button to "OFF" mode.
3. Get out of the vehicle with the smart key (the smart key shall not be put together with the mobile phone or laptop, and there are no other sources of interference nearby) and near the vehicle (areas A and B), close the four doors and trigger the automatic lock function.

Effective conditions for automatic unlock function

It can be automatically unlocked within 1.5m of the vehicle (Zone B) when the following conditions are met.

1. Not more than 72 hours after stopping (if the vehicle is not used for more than 72 hours, the function will be temporarily turned off);
2. When near the vehicle, the smart key is not placed together with the mobile phone or laptop, and there are no other sources of interference nearby;
3. The lock button on smart key is not pressed twice consecutively during locking (if the lock button is pressed twice consecutively within 2 seconds, the function will be turned off temporarily);
4. The smart key has not been placed within the vehicle wake-up range (about 4 meters near the vehicle) for more than 30 minutes. If it lasts for over 30 minutes, the function will turn off temporarily.

i If you want to put the smart key into the car from the outside, press the smart key Lock button twice within 2 seconds, turn off the smart entry function temporarily, and then put it into the car.

e When the smart key is located outside the vehicle, it shall be avoided from being placed within the vehicle's wake-up range (about 4 meters near the vehicle, the red indicator light on the smart key flashes continuously or intermittently, that is, within the wake-up range). If it must be placed near the vehicle, press the Lock button of the smart key twice within 2 seconds to turn off the smart entry function temporarily and avoid the battery loss of the smart key cell.

e If the smart entry function is turned off on the infotainment screen, it needs to be turned on again in the infotainment screen. If the smart entry function has been temporarily turned off in other ways, it can be restored after the door is switch again.

Key reminder

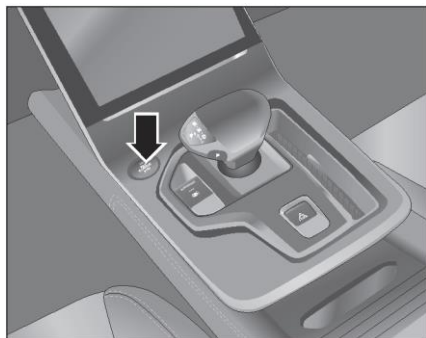
The smart key was left in the car

When one smart key is left in the vehicle (excluding the trunk area), and when any door is opened and all four doors are closed, use the other smart key to remotely lock outside the vehicle. Alternatively, carry another smart key. When locking by touching the sensor area on the front of the door handle, the instrument cluster will indicate that the smart key is left in the vehicle and will not execute the lock request, and the vehicle will give a sound prompt.

The smart key is not in the vehicle

When the Start/Stop button is in the "RUN" mode, in cases that any door is opened and all four doors are closed, no smart key is detected in the vehicle, the instrument cluster will indicate that the key is not in the vehicle, and the vehicle will give an audible prompt.


Keyless start/stop button



Press the Keyless Start/Stop button to switch the power mode and Start/Stop the engine.

Anti-theft alarm system

Your vehicle is equipped with a body anti-theft system and an engine electronic immobilizer system. For the sake of vehicle safety and convenience of operation, we strongly recommend that you read this manual carefully so that you can fully understand its features and usage.

 When unlocked with a smart key, the vehicle exits the anti-theft alert state, but if no doors, trunk lid or engine compartment hood are opened within about 30 s, all doors will automatically relock. For vehicles with hidden handles, the handles will be automatically retracted. Vehicle anti-theft alarm will automatically revert to the anti-thief alert state.



After the vehicle is locked with the smart key, the vehicle enters the alert state, and all doors, engine compartment hood and trunk lid are in the monitored state. The alarm will be activated if a door, trunk lid or engine compartment hood is found to have been opened illegally, such as someone forcibly opening a door.

The vehicle anti-theft alarm function can only be activated if all doors, the trunk lid and the engine compartment hood are in a locked state. If the vehicle whistles and turn signals flash when you lock the smart key, indicating that the vehicle is not in the anti-theft alarm state, you should check whether the four doors, engine compartment hood and trunk lid are closed reliably, if they are all closed reliably, still cannot activate the anti-theft alarm function, please go to the dealership of BAIC Motor for inspection and repair, to avoid the loss of property in the vehicle.

Triggering conditions for the alarm state:

- If all doors are closed except for the engine compartment hood or trunk lid when you lock the doors with the smart key, the vehicle will alert.
- If any door (including engine compartment hood and trunk lid) is opened after the door is locked with the smart key, an alert will be given out.
- After the door is locked with the smart key, If the door is unlocked and opened with the mechanical key, the vehicle will enter the alert state.

Phenomena triggered by the alarm state:

- All turn signals flash and the horn sounds simultaneously. Release method after anti-theft alarm state trigger:

- Press the Unlock button on the smart key to release the anti-theft alarm state. Then the light and sound signals will stop and the vehicle will be unlocked.
- The anti-theft alarm will be deactivated when the vehicle Start/Stop button is placed in the "RUN" mode.

i When the vehicle is locked by the mechanical key, the vehicle will not enter the Alert state.

Automatic cut-off system of fuel circuit

When the vehicle has a traffic accident (collision), ECU will immediately disconnect the relay of vehicle collision and stop supplying fuel to the vehicle circuit to prevent the danger.

Central locking system

Description of central locking system

The central locking system can lock and unlock all doors:


- Manipulate central locking system with smart key.
- The central door lock button can be used to control the central locking system in the vehicle.


Central door lock button


The central door lock control button is located at the release handle of the driver's side door for the driver to lock and unlock all doors easily.



Press the Unlock button  to unlock all doors.

When the lock button  is pressed down, all the door will be door latch and the vehicle cannot be opened from outside.


Each door can still be turned on individually in the vehicle after all door latch are stopped. When any of the four doors is open, the button  cannot be used to lock the door.

 Do not leave children or disabled persons alone in the vehicle! They may unintentionally press the locking button to lock the door latch; In the event of an emergency, it would be difficult for children or people with limited mobility to leave the vehicle on their own, and the difficulty for others to rescue them may increase when the door latch is locked.

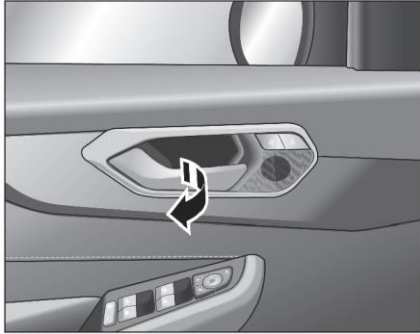
Opening the door from the outside



When the whole vehicle is unlocked, the handle is automatically unfolded, and the door can be opened by pulling the exterior door handle. When the vehicle is locked or running, the hidden handle is automatically retracted.

 If the exterior door handle cannot be unfolded, press and hold the front area of the corresponding handle to unfold the exterior door handle.

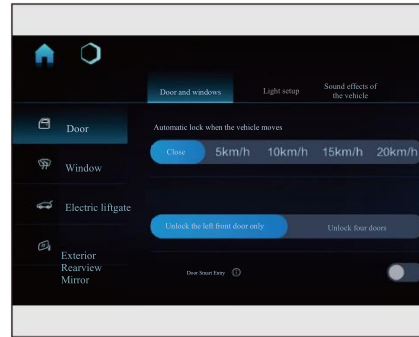
Opening the door from inside the vehicle



Opening the door from inside the vehicle in the door latch locked state requires pulling the inside handle twice. One pull unlocks the door; a second pull opens the door. When the door is unlocked, pull the inside handle once to open the door.

ⓘ In the door latch locked state, it is not possible to open the door by pulling the inside handle only once, so do not continue to pull hard to avoid damaging the inside handle.

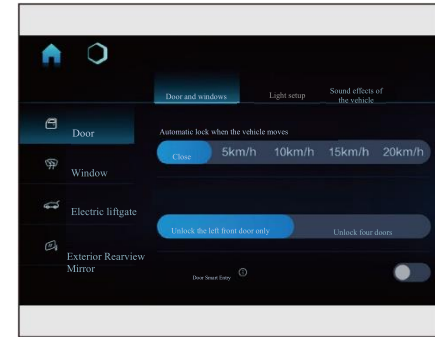
Automatically latch function



The central door lock will automatically lock all doors when the vehicle speed is above the set value during driving.

ⓘ In the infotainment screen, you can set the automatic lock function on, off and the speed when it works.

Unlocking control



After the vehicle is stopped, the central door lock can unlock automatically by placing the keyless Start/Stop button in "OFF" mode. Vehicles equipped with hidden handles will automatically deploy the handles.

When the vehicle is running, if a collision causes the airbag to inflate and expand, the four door latch will unlock automatically. Vehicles equipped with hidden handles will automatically deploy the handles.

i The unlock control can be set to unlock the left front door once or to unlock all doors once. This function can be set through the infotainment screen.

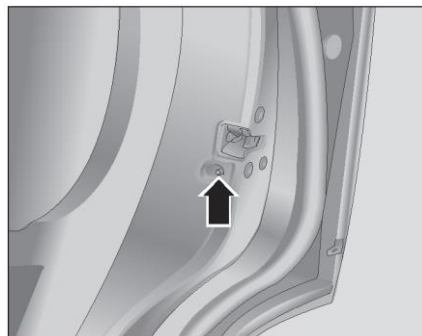
Reminder for four doors and engine compartment hood and trunk lid not closed



Doors, engine compartment hood and trunk lid are not closed properly, and the instrument cluster display shows the corresponding open door, engine compartment hood or trunk lid.

▲ Before vehicle driving, make sure that all doors, engine compartment hood and trunk lid are closed properly. If the instrument cluster indicates that the doors, engine compartment hood and trunk lid are not closed properly, do not drive.

Child safety lock



When children are sitting in the rear, be sure to switch the child lock to the locking state.

Left rear door, move the child lock toggle to the lower right to lock the child safety lock; Toggle the wiper of the child safety lock to the lower left, so as to unlock it. Right rear door, move the child lock toggle to the lower left to lock the child safety lock; Push the child safety lock handle to the lower right to unlock the child safety lock.

i To prevent children from opening the rear doors unintentionally, it is recommended to lock the child safety lock when carrying children.

i For the door with a locked child safety lock, you can only open it from the outside, even if the door is already unlocked.

i Both rear doors are provided with child safety lock.

👁 The doors cannot be opened from inside the vehicle when the child safety lock is locked. When the rear doors cannot be opened with the inside handle, it may be because the child safety lock is working. Do not pull the inside handle forcibly to avoid damage.

Engine compartment hood

Open engine compartment hood




1. Pull the engine compartment hood unlocking handle at the front end of the driver sill along the arrow. The engine compartment hood will be unlocked and the engine compartment hood will bounce upward slightly.





2. Lift up the engine compartment hood slightly. Push the engine compartment hood handle to the right with your fingers from the middle gap. Lift the engine compartment hood up to open the engine compartment hood automatically.

Close the engine compartment hood

1. Check that there is no other foreign matter in the engine compartment to prevent damage to the vehicle parts;
2. Press the engine compartment hood with both hands to a position about 20cm from the upper part of the front grille, and close the engine compartment hood firmly to lock it under the action of inertia. After locking, push and pull the engine compartment hood up and down to confirm that it is securely locked in place.

 The engine cover may be unable to close in a low temperature environment. At this time, slightly rotate clockwise the rubber bumper in the engine compartment, until it is closed.

 If steam or smoke comes out of the engine compartment, do not open the engine compartment hood to prevent injury.

 If the engine compartment hood is not locked when the vehicle is running, the engine compartment hood may be blown away by the high speed air and cause serious accident. Therefore, after closing the engine compartment hood, it is necessary to check whether the locking device is locked reliably.

Trunk

Precautions for trunk

⚠ Keep the trunk lid off during driving. If the trunk lid is opened, luggage in the trunk may be thrown out accidentally during driving, resulting in accident or damage. So make sure that the trunk lid is closed before driving.

⚠ It is strictly prohibited to carry passengers in the trunk, otherwise in case of emergency brake or collision, it is very easy to cause serious injury and even death.

⚠ Never allow children into the trunk. If children are accidentally locked in the trunk, they may overheat or suffocate.

⚠ When using the trunk, the following precautions shall be observed; otherwise, body parts may be clamped and serious injuries may occur:

- When opening the trunk lid upwards, the trunk lid will bounce to the fully open position, so please pay attention to the top.

- Remove foreign matter (such as snow or ice) from the trunk lid before opening the trunk lid to prevent pinching.

👁 If too many items are in the trunk, which make it impossible to confirm whether they will touch the trunk lid, you may hold the trunk lid and try to slowly close it. If everything is confirmed alright, close the trunk lid properly.

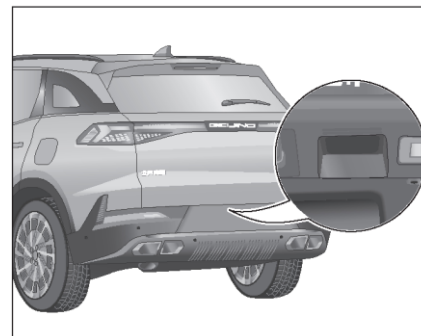
Open the trunk (manual)

Use smart key



Press twice the trunk lid unlocking button on the smart key to unlock the trunk lid. Press the switch on the trunk lid and pull up the trunk lid to open it.

Use of the trunk lid switch



When the whole vehicle is unlocked or with a carry-on smart key, short press the switch on the trunk lid to unlock it, and pull up the lid to open the trunk.

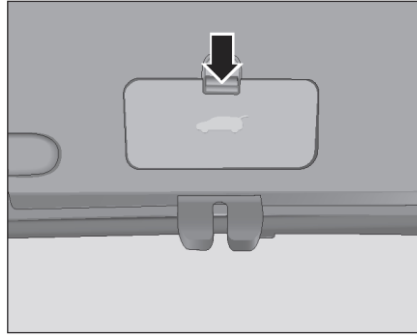
👁 For the unlocked trunk (there is a "bang" prompt at the moment of unlocking and door opening, and the trunk lamp is always on), it is necessary to avoid another electric unlocking operation and manually lift the trunk lid to open it.

Use of indoor trunk lid switch



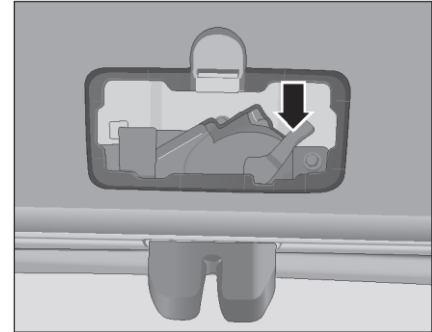
Short press the trunk lid unlocking button on the multi-function switch to unlock the trunk lid. Pull up the trunk lid to open the trunk lid.

Emergency opening of trunk lid

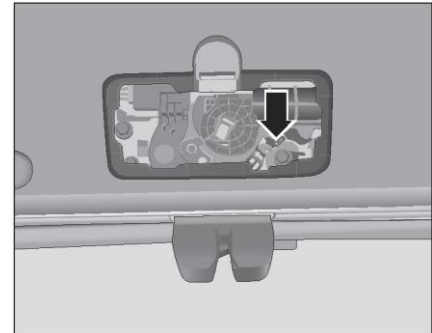


1. Fold the rear seat into the trunk, pull down and remove the trunk cover in the middle of the lower part of the trunk lid;

Manual trunk model



Electric trunk model



2. Toggle the emergency switch of the trunk to unlock the trunk, and push the trunk lid outward to unlock it.

Close the trunk (manual)

1. Gently press the trunk lid to the position close to the rear bumper;
2. Close the trunk lid by pressing it forward and downward slightly with both hands. When the trunk lid is closed, the unclosed reminder icon for the trunk displayed on the instrument cluster will disappear.

i When closing the trunk lid, carefully check to avoid pinching other's body such as fingers, as well as items in the trunk.

Opening trunk (electric)

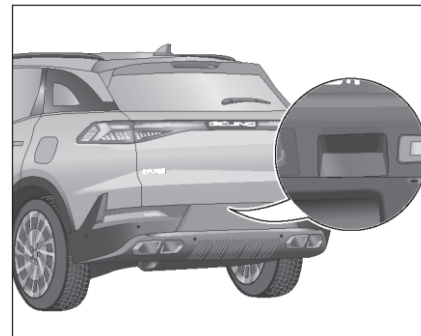
Use smart key



Press the trunk lid unlocking button on the smart key twice to open the trunk lid automatically.

i During opening, press the key trunk button shortly twice to stop the action.

Unlock with the trunk lid switch




When the bus is unlocked or the smart key is carried, press the switch on the trunk lid to open the trunk lid automatically.

i When the switch is being opened, press it again and it will stop.

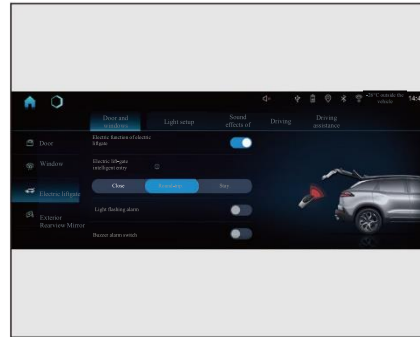
Use of indoor trunk lid switch




Interior trunk lid switch is located on the multifunction switch panel on the left side of the dashboard. Press the trunk lid opening switch to automatically open the trunk lid.

 When the switch is being opened, press it again and it will stop.


Use the inductive opening function




Turn on / off the inductive opening function of the electric trunk lid through the infotainment screen, and set the mode.


 The sensing function of the electric trunk lid will not work normally unless activating the smart entry function through the infotainment screen.

- When the shuttle mode is activated, carry the smart key into the 0.5 m sensing area of the trunk lid, then exit this area, and re-enter the sensing area. The electric trunk lid will automatically open.

 The movement from the first to the second entry shall be completed within 10 s.

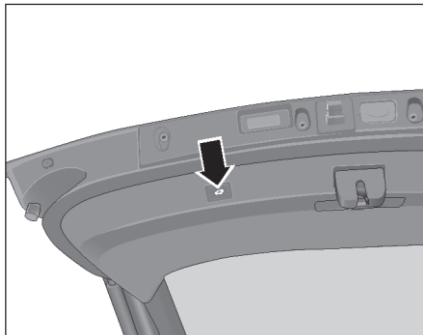
- When the parking mode is activated, carry the smart key into the 0.5 m sensing area of the trunk lid, stand in situ for more than 6 s, and the electric trunk lid will automatically open.

 After entering the sensing area, the high brake lamp illuminates to indicate successful entry.

 To improve the accuracy and sensitivity of sensing distance, the key shall be placed near or below the waist.

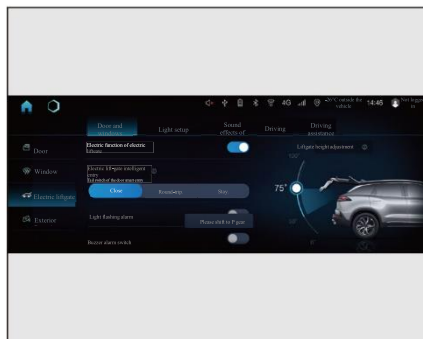
Height setting

Use inner switch setting



When the trunk lid is on/off, press and hold the off switch on the trunk lid for 3s, the current altitude is set successfully.

Using the infotainment screen settings



The opening height of the trunk lid can be set through the infotainment screen.

Anti-pinch function

During the process when the trunk lid is opened or closed, if there is any obstacle, the trunk lid will move reversely. During the movement, if there is any obstacle again, the trunk lid will stop.

Function setting

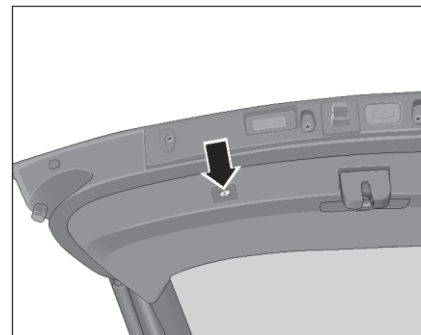
Through the infotainment screen, you can set to turn on/off such functions as power on/off of the trunk lid, intelligent entry, light flashing alarm, buzzer alarm switch.

Fault prompt


When the Keyless Start/Stop button is in the "RUN" mode and the gear is not P, press the opening switch on the trunk lid, the trunk lid cannot be opened, and the instrument will display "Please shift to P".

After the vehicle is started, the trunk lid cannot be turned on/off by the switch when the gear is not in P gear.


Close the trunk (electric)





When the trunk lid is on, press the off switch on the trunk lid, the indoor trunk lid switch or press the trunk lid unlock button on the smart key twice to close the trunk lid automatically.

 If you press the key trunk button twice or press the switch again during the closing of the trunk lid, the trunk will stop.



 When closing the trunk lid, carefully check to avoid pinching other's body such as fingers, as well as items in the trunk.

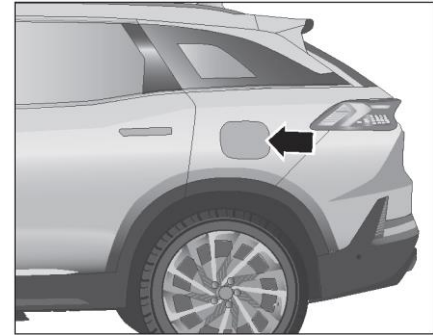
 Turn on/of the trunk lid manually. When operating velocity of the motor for manually monitoring the liftgate and the electric liftgate strut reaches 15°/s, execute the electric function along the liftgate operating direction, which will turn on to maximum or turn off.

 The electric opening and closing function of the trunk lid can be operated normally only when the Keyless Start/Stop button is in "RUN" or "OFF" mode and the gear position is in P gear.

Trunk delay closing

When the vehicle is shut down and the four doors and the hood are closed, press the off switch on the trunk lid twice with the key to activate the delay off function of the trunk lid. At this time, the trunk lid will not be closed immediately, and the trunk lid will be electrically closed after the key leaves.

Fuel tank door



When the whole vehicle is unlocked, press the back of the fuel tank door to open it.




When filling the fuel, slowly loosen the filler cap in counterclockwise. Before fully unscrewing the cap, pause for while by covering the filler cap at the filling port, so as to release the internal pressure. Remove the filler cap and place it in the clip.


After filling, turn the filler cap clockwise until you hear a "click" sound, indicating that the filler cap is completely tightened.


Close the fuel tank door after tightening the filler cap.


In order to guarantee the vehicle performance, it is necessary to use


unleaded gasoline that meets the specified grade (92# or above) of this vehicle.


 After filling the fuel, ensure that the filler cap is tightened to prevent fuel from flowing out and causing a fire.


 The vehicle is equipped with a catalytic converter. Add fuel before the fuel indicator light illuminates. Do not use up the fuel. When the oil level is too low, an irregular fuel supply may cause engine misfire, so that unburned fuel will enter the exhaust device, causing overheating and damages to the catalytic converter. Low oil level is also not conducive to fuel pump lubrication.


 When filling fuel, as long as the refueling gun automatically stops, indicating that the tank is "full", do not continue to forcefully refuel, otherwise the expansion space in the tank will be filled with fuel, and fuel may overflow during thermal expansion.

 Before fully opening the filler cap, loosen the filler cap to release the internal fuel pressure completely. Otherwise, the fuel may eject from the filler and cause personal injury.

 Do not fill the vehicle with diesel. If the diesel is mistakenly filled, do not start the engine, and contact the dealership of BAIC Motor to clean the fuel system thoroughly.

 Gasoline should be added at the regular gas station. Using non-standard gasoline will shorten the service life of the engine and even damage it.

 This vehicle is equipped with catalytic converter, and only unleaded gasoline is allowed. Once filled with leaded gasoline, the catalytic converter will be damaged.

 As fuel vapor is extremely flammable to cause a fire, the engine should be closed when filling the fuel. Smoking, mobile phone and other sparks or open flames are strictly prohibited.

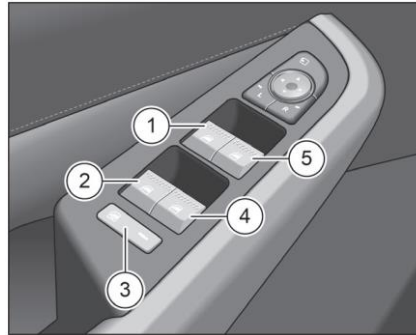
Power window

⚠ Be careful not to pinch people when closing the power window. If the passengers' head, neck or hands are caught by the window, serious injury may occur.

⚠ Do not leave children or disabled persons alone in the vehicle! They may accidentally touch switch or controller, which may lead to serious accidents.

⚠ When there are children in the vehicle, press down the window up/down prohibition switch to prevent children from opening the window by themselves and causing accidents.

Driver side power window control switch



The power window control switch is located at the door armrest on the driver side.

- ① Driver power window switch
- ② Rear left power window switch
- ③ Forbidden switch for lifting the passenger side window
- ④ Rear right power window switch
- ⑤ Front passenger power window switch

Driver side window lifting control

Pull up switch ① and hold, the driver window rises, and stops when releasing the hand.

Press down switch ① and hold, the driver window drops, and stops when releasing the hand.

Press the window switch ① until it exceeds the pressure point and then release it. The driver side power window will automatically lower to the bottom. If the switch is touched during the automatic lowering of the window, the window will remain in the current position.

For windows equipped with one-touch lift function, pull up the switch ① until it exceeds the pressure point and then release, the window on the driver side will automatically rise and close completely. If the switch is touched during the automatic rise of the window, the window will remain in the current position.

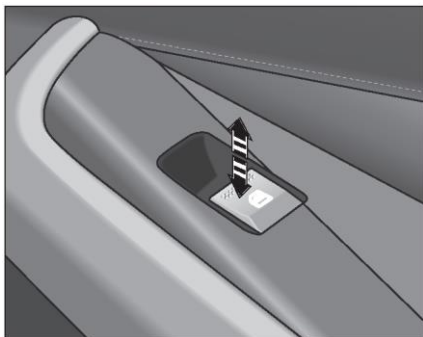
Passenger side window lift control by driver

Pull up or press down the switch ②④⑤ (in the same way as the driver side window) to raise or lower the corresponding windows.

Passenger side window lifting prohibition switch

When the passenger side window up/down prohibition switch ③ is pressed, the switch indicator light goes on, and the passenger power window switch is not able to control the glass lifting of the corresponding window. Press the switch again to deactivate the switch indicator light and then the switch is off.

Passenger side power window control switch



The passenger power window switch is located on the armrest of each door. Pull up or press down the window in the same way as the driver side.

Window position initialization

When the window equipped with one-button lift function is out of order or the vehicle is powered off, it can be restored by the following operations:

1. Switch the Keyless Start/Stop button to "RUN" mode;
2. Pull up the switch repeatedly until the window closes completely;
3. Pull up the switch and hold for about 2 seconds, the window function can be restored.

Close the window in rainy days*

Vehicle equipment with four-door one-touch power window can be switched on or off via the infotainment screen; this function is switched on by default. When the function is turned on, the vehicle is locked, and the windows of the four doors and sunroof are automatically turned off if it rains. Windows of the four doors and sunroof will also be closed automatically if there is no rain for 24 hours.

i When the no-key Start/Stop mode is not switched, the window closing function is activated only once in rainy days.

i If the rain is too small, the window and sunroof may not be closed automatically, you must confirm that the window and sunroof are completely closed before leaving.

Lock window control

Equipment four-door one-touch power window vehicle, you can select whether to enable this function through the infotainment screen, this function is turned off by default. When the function is turned on, the windows of the four doors, sunroof and sunshade are automatically turned off when the vehicle is locked.

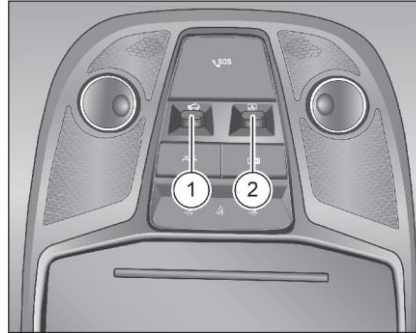
i For model with the function of locking and closing, please 30 s and hold the key to open the window.

Window anti-pinch

For the window equipped with one-touch lift function, the glass will move reversely in case of obstacle, and the window will be opened downward.

Remote control function of window*


Vehicles equipped with four-door one-touch power window can remotely close/open the windows of the four doors through the key. Short press the Unlock button, and within 6 seconds, long press the Unlock button for 2 seconds, the windows will lower and the sunroof will open. Press and hold the lock button for 2 s, the window starts to close. If you let go, the window stops move.

AVM sunroof**AVM sunroof switch**

① Sunroof switch

② Sunshade switch

When the Keyless Start/Stop button is in the "RUN" mode, the sunroof can be opened, closed and tilted by operating the sunroof switch ①, and the sunshade can be opened and closed by operating the sunshade switch ②.

 In order to ensure safe driving, the driver is forbidden to operate sunroof switch when driving the vehicle.

Tilting ventilation on/off


The Start/Stop button is in RUN mode. When the sunroof is in the closed state, move the Sunroof switch ① backward to raise the rear part of the sunroof, tilts it to the open position and stop automatically.

When the sunroof is in the tilted ventilation state, press and hold the Sunroof switch ① forward to close the sunroof automatically.

Sunroof open

When the Keyless Start/Stop button is in "RUN" mode:

- Toggle back the sunroof switch ①, so that the sunroof begins to move from the closed position to the tilted position. Toggle back the sunroof switch ① again, and the sunroof slides backwards to open. During operation, toggle the sunroof switch again, and then the sunroof stops sliding.
- Press and hold the sunroof switch ① backwards, the sunroof will start to move from the closed position to the tilted position, and then slide backwards to open the sunroof.

 When both the sunroof and the sunshade are closed, press back the sunroof switch ① and turn on the sunshade in priority.

Sunroof closed

When the Keyless Start/Stop button is in "RUN" mode:

- Toggle the sunroof switch ① forward, the sunroof begins to slide forward from the opening position to close, let go and stop.
- Press and hold the sunroof switch ① forward, the sunroof will slide forward from the slide to open to close automatically. During operation, toggle the sunroof switch again, and the sunroof will stop sliding.

👁 When both the sunroof and the sunshade are open, pressing forward the sunshade switch ② will turn off the sunroof first.

ⓘ Repeated opening and closing of the sunroof may cause the sunroof thermal protection to stop working. Do not operate the sunroof repeatedly.

Electric sunshade

The sunshade can be opened together with the sunroof.

The Start/Stop button is in RUN mode. When the sunroof is in the off state, move the Sunshade switch ② backward, the sunshade will open automatically. During the opening of the sunshade, move the Sunshade switch ② forward and the sunshade will stop at the current position.

The Start/Stop button is in RUN mode. When the sunroof is off, move the Sunshade switch ② forward, the sunshade will be off automatically. When closing the sunshade, toggle the sunshade switch ② and the sunshade will stop at the current position.

👁 Do not forcibly close the sunshade when the sunroof is open.

Anti-pinch function of sunroof

The anti-pinch function prevents large items from being clamped when the sunroof is closed. If the sunroof move is blocked when closing the sunroof, the sunroof will stop closing and then open slightly.

When the sunroof is closed, if the anti-pinch function is triggered, the sunroof will move a certain distance to open and then stop move.

👁 The sunroof anti-pinch function does not prevent fingers from being pinched.

👁 Sunroof shall be subject to regular service in accordance with the Maintenance Information Form.

⚠ Do not operate the sunroof at extremely low temperatures (below -20°C). Too low temperatures may fail to activate the sunroof anti-pinch function and cause accidents, while low temperatures may also cause some damage to the motor.

⚠ The driver must close the sunroof when leaving the vehicle.

⚠ Be careful when closing the sunroof. Make sure that no one is within the sunroof opening and closing range to avoid serious injury or injury to others.

⚠ In order to ensure safe driving, the driver is forbidden to operate sunroof switch when driving the vehicle.

⚠ The sunroof may stop monitoring the obstacle in a position where it is about to close completely, and there is no anti-pinch function.

⚠ Do not try to activate the anti-pinch function with your hands or any part of your body. Otherwise, it is very likely to cause serious harm to the body.

Exterior light

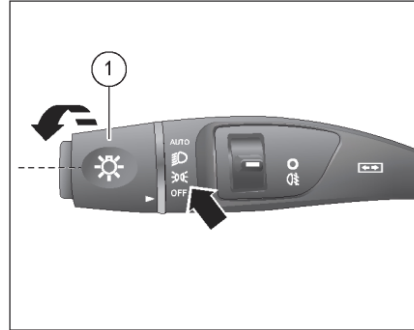
Light combination switch





- ① Lamp control knob
- ② Fog lamp control handle
- ③ Light control handle

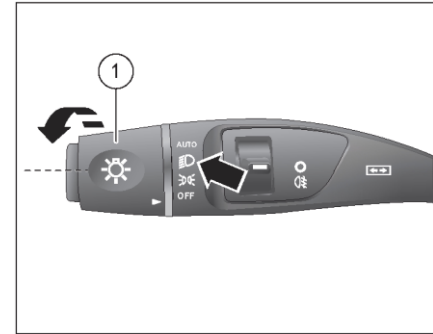
Light control



Position lamp



Turn the lamp control knob and align the mark  on the lamp control knob to the  position, so that the front and rear position lamps, rear license plate lamp, key backlight and position lamp indicator light on the instrument cluster go on. Turn the knob back to the OFF position and close them off.

Headlamp

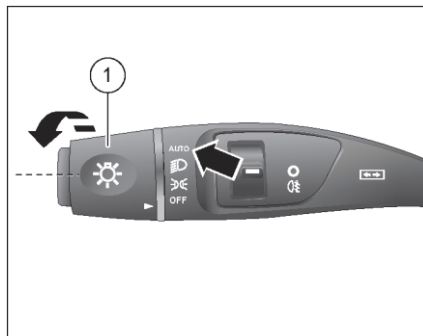



When the Start/Stop button is in the "RUN" mode, turn the lamp control knob so that the mark  on the lamp control knob ① is aligned with the  position, the headlamp will come on, and turn it back to the OFF position to turn it off.



i When the low beam goes on, push the light control handle outward perpendicular to the turning wheel to turn on the high beam, and pull the light control handle toward the turning wheel to turn off the high beam.

Headlamp automatic on*



When the Keyless Start/Stop button is in the "RUN" mode, turn the lamp control knob ① so that the mark  on the lamp control knob is aligned with the **AUTO** position, the headlamps will turn on automatically when the light outside is dim (e.g. at night or driving through a tunnel, etc.), and the front headlights will automatically turn on, and will turn off when getting back to the **OFF** position.

i In wet or cold weather, or the vehicle is exposed to rain or after washing, there may be very small droplets, mist, white mist or frost on the inner surface of the lampshade:

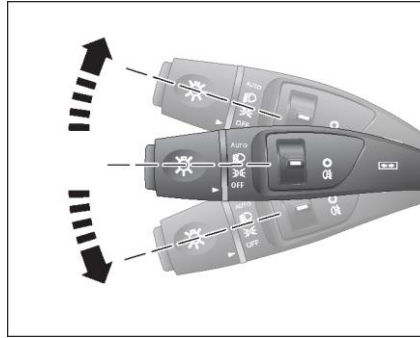
- This is due to the natural phenomenon of condensation of moisture in the hot air inside the lamp, which does not affect the normal operation of the vehicle.
- When the vehicle is parked in a dry environment, turn off the engine and turn on the lamps, the moisture will gradually evaporate, and the fog on the inner surface of the lampshade will dissipate, or there may be residues only in non-functional areas such as the corners of the lamps.
- This will not affect the service life and lighting effect of the vehicle illuminating device, so it is unnecessary to replace the lamp assembly.

High beam warning



Pull the light control handle towards the turning wheel plane, and the high beam goes on. After releasing, the light control handle will automatically rebound, and the high beam goes out to warn vehicles and pedestrians ahead.

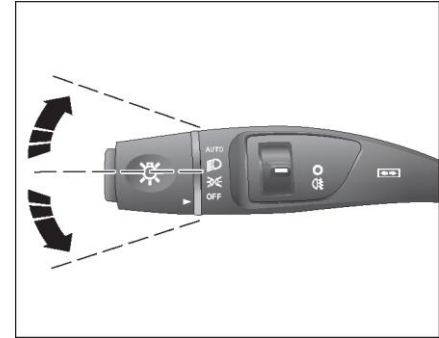
Turn signal lamp




Turn the light control handle down to the bottom, and the external left turn signal and the left turn indicator light in the instrument cluster flash, accompanied by a ticking sound.

Toggle the light control handle up to the end, and the external right turn signal and the right turning indicator light in the instrument cluster flash with a ticking sound. When the turning is completed, the control handle will automatically return to the original gear as the turning wheel returns, and the external turn signal and the turn indicator light in the instrument cluster go out.

Lane change flashing signal






Toggle down or up the light control handle slightly but not exceeding the limit point, and release. The control handle will automatically reset, and the corresponding external turn signal and the turning indicator light on the instrument cluster will flash 3 times at the same time, accompanied by a ticking prompt.

 When the turning or lane change is completed, please confirm that the light control handle has returned to its original gear, otherwise it shall be manually returned.

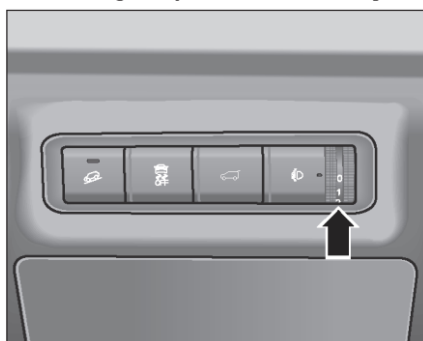
Rear fog lamp control



When the Start/Stop button is in the "RUN" mode and the lamp control knob is in the  or  position, toggle down the fog lamp control handle ① to turn on the rear fog lamp. Toggle the fog lamp control handle ① down again, and the rear fog lamp will be turned off.

 Turn on the fog lamp only when it is rainy, foggy, icy or in case of poor visibility.

Manual height adjustment of headlamp



The exposure of the low beam is affected by the distribution of occupants and luggage inside the vehicle. The height of the headlights is adjusted to ensure that the low beam shines on the road, providing sufficient illumination ahead of the vehicle without dazzling other road users.

Using the following road conditions as a reference, adjust the light height of headlamps by toggling the headlamp leveling switch (as indicated by the arrowhead):

Position "0", for the driver or the driver and front passenger (without luggage).

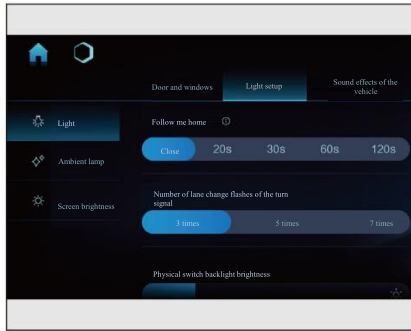
Position "1" applies to all seats occupied.

Position "2" suits for all seats to be occupied,

And loads are distributed evenly in the trunk (up to the permissible rear axle load, not exceeding the permissible maximum loading mass).

Position "3" for the driver and trunk to distribute the load evenly (up to the permissible rear axle load without exceeding the permissible maximum laden mass).

Follow me home



Follow Me Home function can provide users with delay lighting, which can be selected through the infotainment screen to turn on / off and delay time.

After turning the Start/Stop button from "RUN" position to "OFF" position, lift the light control handle towards the turning wheel within one minute to activate the Follow Me Home function, and the low beam will go on for a while and then go out.

i You can set Follow Me Home on, off, and light lighting hours in the infotainment screen.

i After Follow Me Home function is activated, it can be reactivated by remote locking within 5 minutes.

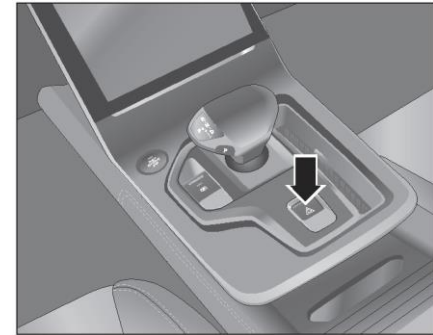
Automatic walk me home*

For vehicle equipped with rain/light sensor, the lamp switch is in the AUTO gear, and the Start/Stop button is switched from "RUN" mode to "OFF" mode, the vehicle will illuminate according to the surroundings when the driver's side door is opened within one minute, providing illumination for the user.

Automatic lighting function*

For vehicles equipped with rain/light sensor, when the lamp switch is in AUTO gear, the vehicle will turn on the light according to the surroundings when unlocking the vehicle or searching for the vehicle remotely.

Hazard warning light switch



The hazard warning light switch is located behind the gearshift handle.

In case of emergency, use the hazard warning light to alert other road users to avoid accidents.

Turn on the hazard warning light when:


- When the vehicle breaks down due to technical failure.
- When the vehicle is at the end of the convoy due to traffic jam.

- In case of emergency.
- When towing another vehicle or being towed.

When you press down the hazard warning light switch, all the turn signals flash at the same time, and the two turn signal indicators in the instrument cluster flash at the same time.

The hazard warning light will work even when the Start/Stop button is in the "OFF" mode.

To turn off the hazard warning light, press the hazard warning light switch again.

 When the engine is not started, do not turn on the hazard warning light for a long time if there is no special need to avoid battery loss.

Emergency brake signal

When the speed exceeds 50 km/h and there is an emergency brake, the brake lamp will flash. When the speed exceeds 70 km/h, emergency brake occurs and the emergency brake continues until the speed drops below 10 km/h.

After h, the brake lamp flashes and the hazard warning light automatically goes on at the same time; After that, if the vehicle releases the brake, accelerates to more than 20 km/h, and maintains the speed above 20 km/h for more than 5 seconds, the hazard warning light will automatically be off; The hazard warning light can also be turned off manually by operating the hazard warning light switch.

Alarm when position lamp is not turned off



When the Start/Stop button is in the "OFF" mode, the lamp switch is on the position lamp or in the low beam lamp position, and the vehicle position lamp is in the turned-on state. Open the driver's door at this time, and the instrument will send out alarms indicating the position lamp is not closed.

Interior lights

Front dome lamp



Touch the dome lamp lampshade, the corresponding dome lamp will turn on; Touch the dome lamp lampshade again after or within 10 minutes, and the dome lamp goes out.

Press the switch , the front dome lamp goes on; Press the switch dome lamp  again after or within 10 minutes to turn it off.

Door opening lamp function

Pressing the switch  will turn on the door light.

After all doors are closed, the front dome lamp will gradually go out, if any of the door is not closed, the front dome lamp will stay on for about 30s and then go out.

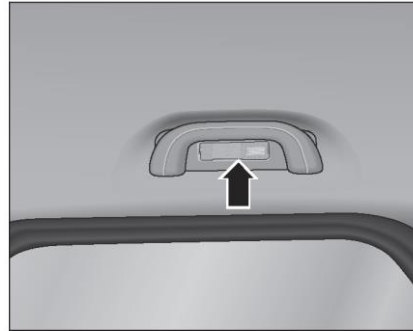
When the Start/Stop button is not in the "RUN" mode, the front dome lamp will be turned on after any door is unlocked.

When all door latch are locked, the front dome lamp will fade out. If any door is not locked, the front dome lamp will stay on for about an 30s and then go out.

Glove box lamp

When the glove box is opened, the glove box lamp automatically goes on; When the glove box is closed, the illuminating light automatically goes out.

Rear light




When the lampshade panel is pressed down, the rear lamp goes on. Press the lampshade panel again, and the rear lamp will go out.

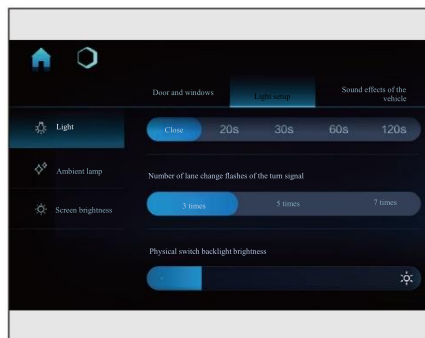
Trunk lamp



When the trunk lid is opened, the trunk light will automatically come on, and turn off after the trunk lid is closed automatically.

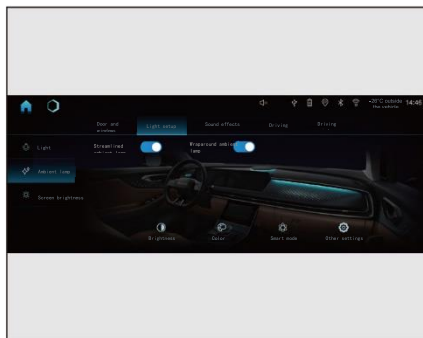
 When the engine is not started, do not turn on interior lamps for a long time in case of battery loss.

Backlight brightness adjustment



When the position lamp is turned on, the brightness of the instrument backlight and the backlight of the keys of the vehicle can be adjusted through the infotainment screen.

Ambient lamp settings*

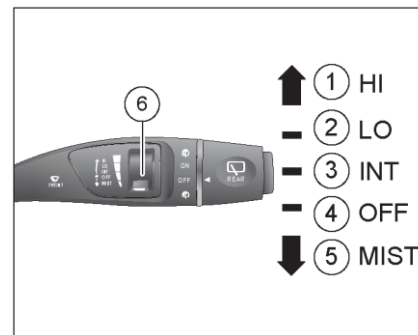


Users can select the ambient lamp color through the infotainment screen and adjust the ambient lamp brightness. You may also choose color breathing, music rhythm, speed rhythm, switch reminder and other functions.

Wiper

Wiper combination switch

Model without rain sensor*



- ① HI: High-speed wiping
- ② LO: low-speed wiping
- ③ INT: intermittent wiping
- ④ OFF: stop
- ⑤ MIST: single wiping
- ⑥ Adjusting handle in intermittent time

The wiper and washer only work when the Start/Stop button is in "RUN" mode. If the Start/Stop button is not in the "RUN" mode when the wiper is working, the wiper will immediately stop and return to the initial position when it is in the "RUN" mode the next time.

To select the gear position, push the control handle up or down.

HI: the front wiper wipes quickly.

LO: slow wiping of the front wiper.

INT: the front wiper is in intermittent wiping state.

OFF: The wiper is not working.

MIST: When the wiper handle is moved to the "MIST" gear and released, the wiper control handle will automatically jump back to the "OFF" gear. At this time, the front wiper will sweep at low speed once; When the windshield wiper handle is set to "MIST" gear and held, the front wiper continues to wipe until you release your hand.



Rear wiper knob switch: when the rear wiper knob is turned upward and switched to the "ON" position, the rear wiper is turned on and wipes at a certain frequency; Turn to the "OFF" position and stop.

When the front wiper is in working state and the shift the gear to the "R" gear lasts more than 1 second, the rear wiper will be linked according to the front wiper.

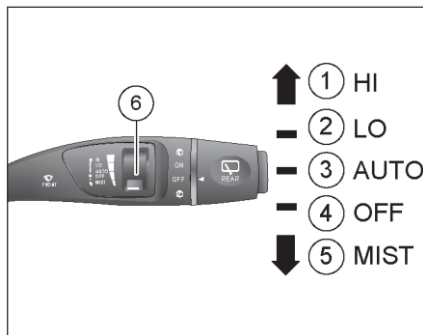
I When the trunk lid is turned on, the rear wiper will not work.

E When the windshield is dry, it shall be sprayed with water first and then scraped. Dry scraping without water is prohibited.



Intermittent time adjusting handle: Toggle this handle to adjust the wiping intermittent time of the front wiper. There are four levels of intermittence. Toggle up the handle upward to the highest Level 4 (the shortest intermittence), and toggle down the handle to the lowest Level 1, (the longest intermittence). The middle position is Level 3 and Level 2 in turn. Adjust the automatic wiping speed to suit your driving habits.

With rain sensing model*



- ① HI: High-speed wiping
- ② LO: low-speed wiping
- ③ AUTO: automatic wiping
- ④ OFF: stop
- ⑤ MIST: single wiping

⑥ Sensitivity adjusting handle of automatic wiper
When the system senses rain, the Keyless Start/Stop button is in "RUN" gear and the wiper switch is turned to "AUTO" gear, the windshield wiper will be turned on automatically and the wiping speed will be changed according to the rainfall.

When the wiper control handle is at the "LO" (low-speed wiping) or "HI" (high-speed wiping) position, the front wiper will wipe at the set speed. At this time, the automatically sensing function does not work.



The automatic scraping sensitivity of the system can be adjusted by turning the automatic scraping sensitivity adjusting knob.

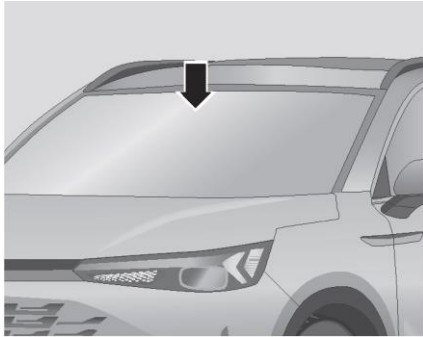
The sensitivity is divided into four levels. Toggle up the handle to the highest Level 4 (highest sensitivity, easy to wipe at high speed); toggle down the handle to the lowest Level 1 (lowest sensitivity, difficult to wipe at high speed); and the middle is Level 3 and Level 2 in turn. Adjust sensitivity of the automatic wiper so as to suit one's driving habits.

👁️ Ensure that the wiper blade is not frozen on the windshield when wiping is carried out at low temperatures.

👁️ In winter, snow and ice shall be swept off the wiper arms and wiper blades in time, including the area involved in the wiper's operation.

👁️ When you wash the vehicle with the automatic vehicle wash, do not put the wiper control handle in the "AUTO" position, otherwise it may damage the wiper. Turn off the system when you are not using the wiper.

Rain/light sensor*



The rain/light sensor is located on the windshield near the Interior side mirror. If the sensor is covered by mud, oil, dust, etc., the wiper "AUTO" gear, headlamp automatic lighting function and sunroof may not work normally. If strong light, infrared light, objects, etc. appear above the rain/light sensor, wiper scraping may occur.

Windshield washing







When the Start/Stop button is on the "RUN" mode, the washer motor will start working and the front windshield washer nozzles will spray water if the windshield wiper handle is turned toward the turning wheel. Release the Start/Stop button and the front wiper will stop automatically after wiping for several times.

Toggle the windshield wiper handle in the turning wheel direction and hold it, the washer will continue to spray for up to 12 seconds, then stop automatically.

Back window washing



When the rear wiper is in the working state, rotate upward the rear wiper control knob to align the mark  to the  position, so that the rear windshield washer nozzle will spray water. After released, the wiper control knob automatically turns back to the rear wiper ON position, and the washer stops spraying.

When the rear wiper is in closed state, turn the rear wiper control knob downward to align the mark  on the knob , and the rear windshield washer nozzle sprays water. After releasing, the wiper control knob automatically returns to the **OFF** position, the washer stops spraying water, and the rear wiper will continue to wipe several times before automatically stopping.

i When the trunk lid is opened, the rear wiper will not work; The current action of the rear wiper is executed 5 seconds after the trunk lid is closed.

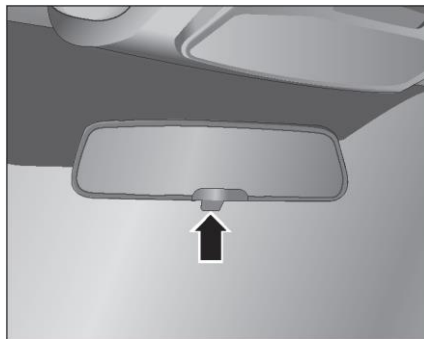
Interior rearview mirror

Before driving the vehicle, you must adjust the interior side mirror, so as to obtain the best view angle, and its mirror surface clean.

👁 In order to ensure safe driving, when adjusting the side mirror, the "blind spot" of the viewing angle shall be minimized as much as possible.

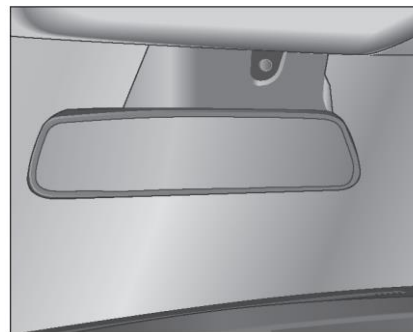
👁 Adjust the position of all side mirrors before driving. Do not adjust the side mirror when driving the vehicle.

Manual anti-glare interior side mirror*



At night, turn the handle on the mirror base to the anti-glare position. Adjust the side mirror so as to reduce the dazzling effect caused by the light of rear vehicles.

Automatic anti-glare interior side mirror*



At night, the automatic anti-glare side mirror can adjust the color of the interior side mirror according to the intensity of the light behind, so as to reduce the dazzling caused by the vehicle light to the driver's eyes.

👁 It is prohibited to touch or cover the sensors to ensure the normal functioning of the anti-glare sensor in front and rear of the interior side mirror.

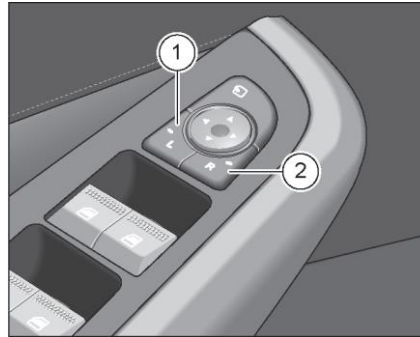
Side mirror

The side mirror has the function of electric adjustment, electric heating and electric folding.

▲The image of an object reflected by the side mirror is smaller than it really is. The practical distance between the object and the vehicle is much closer than it seems to be. Do not miscalculate the distance from the rear vehicle which may cause an accident.

▲Adjust the position of the side mirror before driving. Do not adjust the side mirror when driving the vehicle.

Side mirror lens angle adjustment





The side mirror is controlled by the side mirror regulating switch, which is located in front of the main control switch on the driver door.

Select the side mirror to be adjusted. Press ① to select the left side mirror and ② to select the right side mirror.

Press the upward or downward adjustment button, so as to adjust upward or downward flipping angle of the side mirror. Press the left or right adjustment button to adjust the side mirror to the left or right turn angle.

Electric folding of side mirror

Press the side mirror folding switch , and the two sides of the side mirror fold toward the inside of the vehicle.

Press the side mirror again to open the switch , and the side mirror on both sides will unfold automatically at the same time.

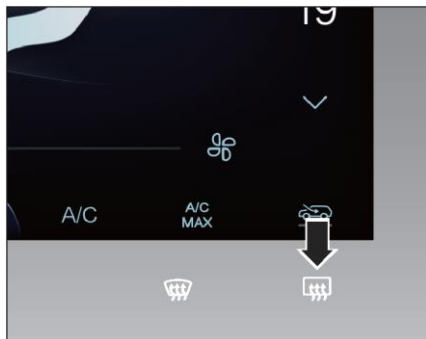
After all doors, engine compartment hood and trunk lid are closed, the side mirror folds automatically after the smart key lock button is pressed. The side mirror unfolds automatically after the smart key unlock button is pressed.


i If the side mirror frame is displaced by an external force, the side mirror must be fully folded electrically. Do not adjust the mirror manually.


Mirror frame, otherwise it will affect the side mirror adjustment function.

👁 It is forbidden to drive the vehicle with any side mirror being folded. Otherwise, the driver's judgment on the rear vehicle and obstacles may be impaired, hence causing accidents!

Side mirror heating



Start the engine and press the back window defrosting/defogging button  on the A/C panel. The indicator light on the button will light up and the side mirrors and back window will be heated for defrosting and defogging. The system will be turned off automatically after about 15 minutes. If it still needs to be heated, press the button again.

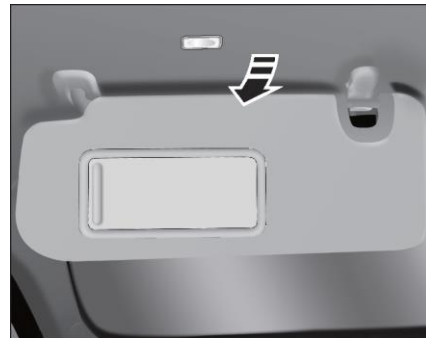
If you need to deactivate the heating in advance during heating, just press down the back window defrost/defog button  again.

i The side mirror and back window heating work only when the engine is running.

👁 Do not activate rear-view mirror heating function unless it is absolutely necessary to avoid overheating of side mirror and back window and waste of battery power.

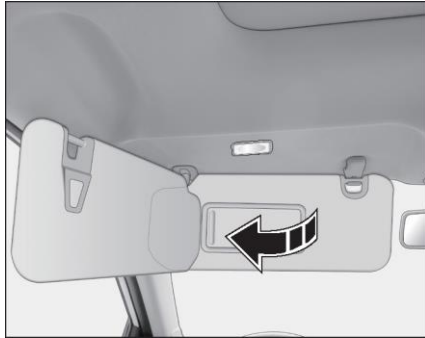
Sun visor

Flip down the sun visor



Both the driver's side sun visor and the front passenger side sun visor can be turned down from their respective brackets to block the sunlight from the windshield.

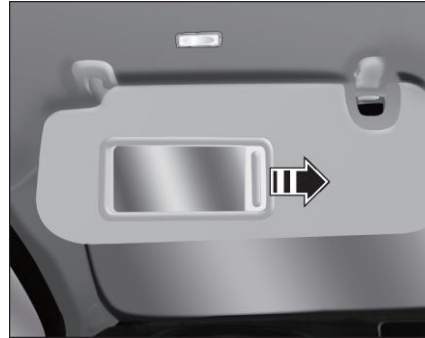
Side overturn sun visor



Lift the sun visor down and release the hinge on the right side of the sun visor from its clips, and then turn the sun visor to the window to block sunlight from the side of the door.

⚠️ When driving on the vehicle, do not turn the sun visor sideways to avoid danger.

Vanity mirror



Slide open the vanity mirror cover on the sun visor to use the vanity mirror.

Vehicles equipped with vanity mirror lighting will automatically light up when the vanity mirror cover is opened.

⚠️ When driving the vehicle, do not use vanity mirror to avoid injury in case of emergency brake or collision.

Seat

Correct adjustment of the seats ensures that the seat belts and SRS can provide full protection.

⚠️ It is strictly prohibited to adjust the driver's seat when the vehicle is running, so as to avoid the driver losing control of the vehicle due to the seat's moving.

⚠️ It is strictly prohibited to place any object under the manual adjusting seat. Otherwise, the object may push the seat adjusting handle upward by accident, and the seat may move suddenly, causing the vehicle to get out of control. Objects placed under the driver's seat may also hinder the operation of the brake pedal, causing serious accidents.

⚠️ When adjusting the seat, pay attention to the people or objects behind the seat to avoid personal injury or damage.

👁️ After adjusting the seat position, try to move the seat cushion and backrest back and forth to ensure that the seat is locked securely.

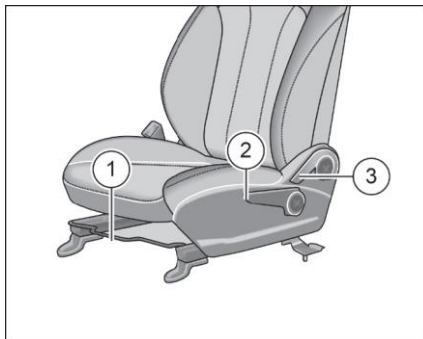
1 Measure the seat position when the seat cushion is deep, i.e. design position: 21° backrest, fore-and-aft gear: the position where the seat is adjusted to the rearmost position and then slides forward 40 mm.

1 Front: the maximum adjustment angle of the backrest is

$(76\pm 4)^{\circ}$, and it can be tilted forward by $(20\pm 2)^{\circ}$ and backward by $(56\pm 2)^{\circ}$ at the designed position.

1 Rear: The rear is a split-type backrest, the backrest angle can be adjusted two gears, the seat cushion can be turned forward and the backrest can be put down.

Manual adjustment of the seat*



Seat fore-and-aft adjustment:

Pull up the adjusting handle ① under the front of the seat and move the seat forwards or backwards to a proper position. Loosen the adjusting handle ① and move the seat forwards or backwards slightly until the seat is securely locked.

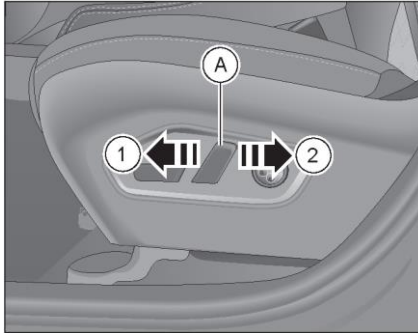
Seat cushion up and down adjustment*:

Pull up handle ② to raise the seat cushion. Pull down handle ② to reduce the seat cushion.

Adjustment of backrest inclination:

Pull up the adjustment handle ③, and at the same time shake the backrest forward and backward to reach a proper inclination; Release handle ③ and rock the backrest back and forth slightly until the backrest is securely locked.

Electric adjustment of seat*

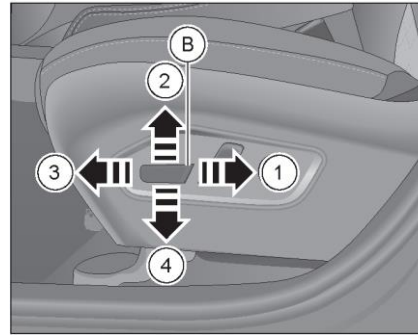


Switch A:

Press the switch A in each direction indicated by the arrow to adjust the backrest.

Direction ① the backrest tilts forward;

Direction ② the backrest tilts backward

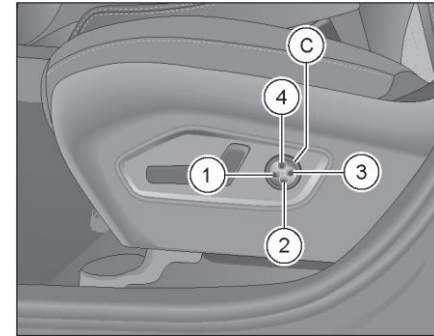


Switch B:

Press the switch B in each direction indicated by the arrow to adjust the seat.

- Driver's seat: adjust the seat in direction ① backward; In direction ②, adjust the seat upward; Adjust forward in seat ③; In direction ④, adjust the seat downward;
- Front passenger's seat: adjust the seat in direction ① backward;; Adjust the leg support upward in direction ②; Adjust forward in seat ③; In direction ④, adjust the leg support downward.

Electric adjustment of lumbar support*

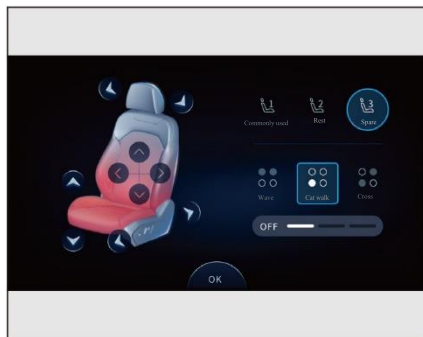


Switch C:

Press each direction switch to adjust the seat lumbar support.

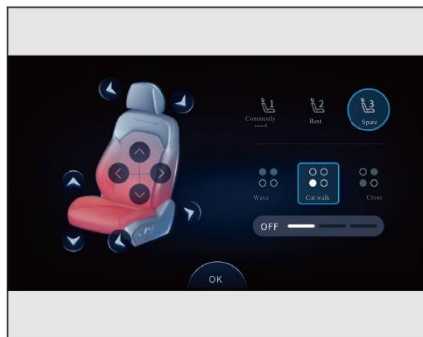
- Press ① to adjust the whole seat lumbar forward;
- Press ② to adjust the lower seat lumbar forward;
- Press ③ to adjust the whole waist part backward;
- Press ④ to adjust the upper seat lumbar forward.

Front seats adjustment*



In the Seat Setup > Driver's/Front Passenger Seat of the vehicle control screen, long press the corresponding seat adjustment button to adjust the seat position.

Seat adjustment position memory function*



Setting memory

After the seat position is adjusted, press and hold the seat position button through the seat setting in the vehicle control screen to complete the position memory according to the prompt.

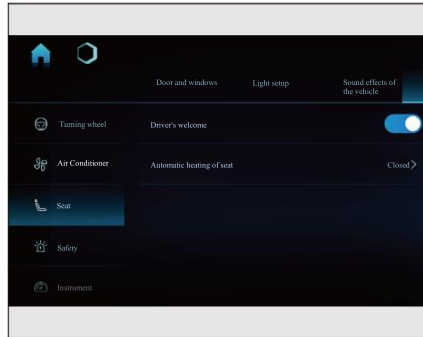
Memory position call

Set the seat in the infotainment screen > press shortly the seat position gear button to adjust the seat to the corresponding gear memorized before.

👁 When setting the memory location, it is recommended that you start with the first button in front of you and then memorize the other settings.

👁 The previous settings of the same button are deleted during each memory session.

Welcome seat*



This feature can be turned on or off by infotainment screen.

Vehicle the flameout state, open the corresponding side door, the corresponding seat will move backwards, easy to get on and off the vehicle. When the Start/Stop button is in the "RUN" mode or the vehicle is locked, the seat automatically returns to the driving position.

Seat headrest adjustment



To ensure safety and comfort, please adjust the headrest to the proper position before driving the vehicle.

Move Up: Grasp the both sides of the headrest and lift the headrest vertically up to the desired position.

Move down: Press and hold the lock button first, then move the headrest vertically downward. Release the lock button after it reaches the desired position.

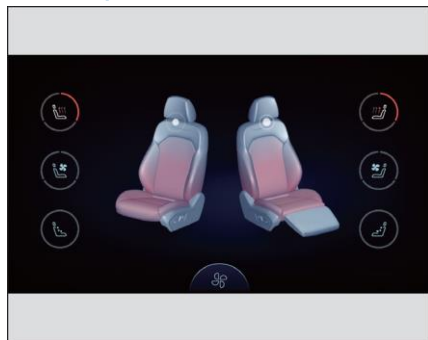
i If the headrest should be removed, press the lock button remove the headrest completely.

⚠ It is strictly prohibited to remove the headrest and drive the vehicle; otherwise, serious personal injury may occur.

⚠ After installing the headrest, the position of the headrest must be adjusted according to the body height to obtain effective protection.

⚠ In order to ensure a good view of the Interior side mirror, the rear seat headrest can be adjusted to the lowest position during normal times. When there are people sitting in the rear row, the headrest must be adjusted upwards to the appropriate position.

Seat heating*



The seat heating button is located in the infotainment screen.

When the vehicle is started, enter the seat heating ventilation key menu in the A/C control interface and touch the seat heating button, the corresponding seat heating will be started. Repeatedly touch the button to set the desired heating gear position.

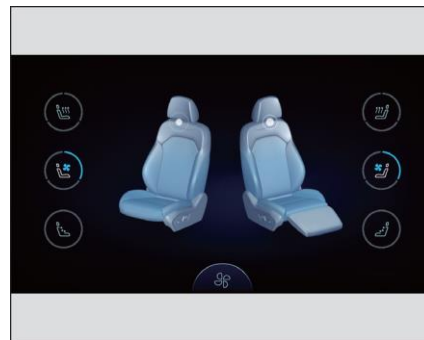
If you want to turn off the seat heating, press the button until the 3 indicator lights of the seat heating button all go out.

👁️ Ventilation/heating cannot work at the same time.

👁️ To avoid damaging the electrical components in the seat, do not kneel on the seat or exert pressure on any part of the seat cushion or backrest.

⚠️ If you are less sensitive to pain and heat, do not use seat heating to avoid burns on your back, buttocks and legs.


Seat ventilation*



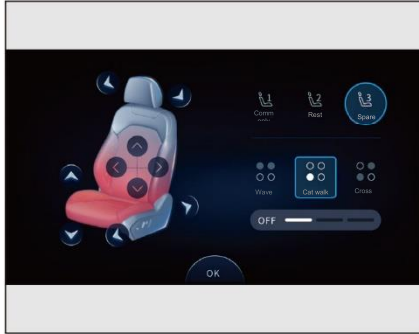
The seat ventilation button is located in the vehicle control screen.

When the Start/Stop button is at the "RUN" mode, enter the seat heating ventilation key menu in the A/C control interface, and touch the seat ventilation button to activate the seat ventilation function. Repeatedly touch the button to set the required ventilation gear position.

If you need to turn off the seat ventilation function, press the button until 3 indicator lights of the seat ventilation button flames out.

 Ventilation/heating cannot work at the same time.

Seat massage*



The seat massage button is located in the infotainment screen.

When the Start/Stop button is in the "RUN" mode, in the A/C control interface, enter the seat massage button menu, touch the seat massage function button, you can choose to turn on/off the seat massage, select mode, gear.

Rear seat folding

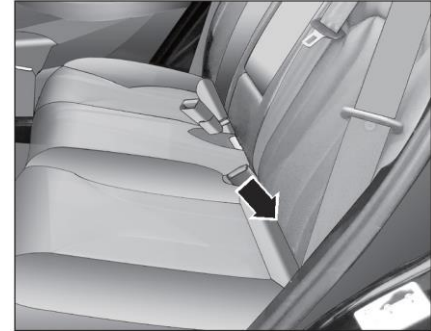
If large items need to be placed in the vehicle, the rear seat backrest can be folded down to increase the trunk storage space.

i The left and right sides of the rear seat can be folded separately. When only one side of the rear seat is folded, it does not prevent the other side from carrying passengers.

Preparation before folding

Adjust the front seats forward to the proper position; Reduce the rear seat headrest to the lowest position; Move both side seat belts of the rear seat to the outside.

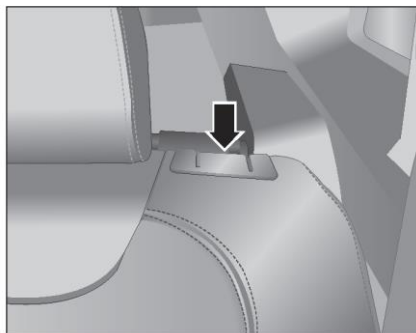
Seat cushion folding



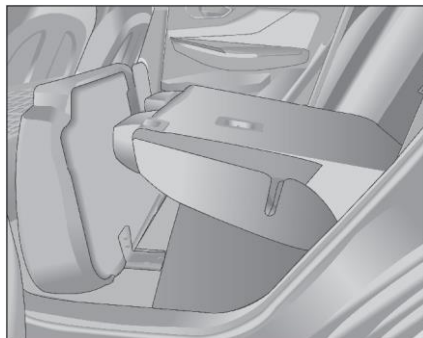
Reach into the gap between the left backrest and the seat cushion, pull up the seat cushion, and flip it forward.

i After the seat cushion is turned over, the middle position of the seat belt buckle will fall down. When placing the seat cushion, it is important to pull it up to prevent the buckle from pressing under the seat cushion.

Backrest folding

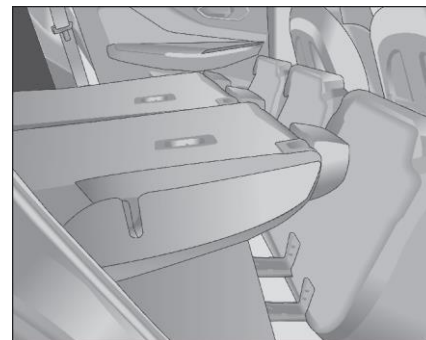


1. Pull up the left backrest unlocking switch;



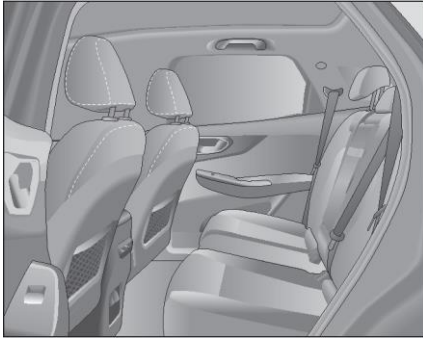
2. Turn the backrest forward at the same time to fold the left seat.

i The right seat can be folded in the same way.

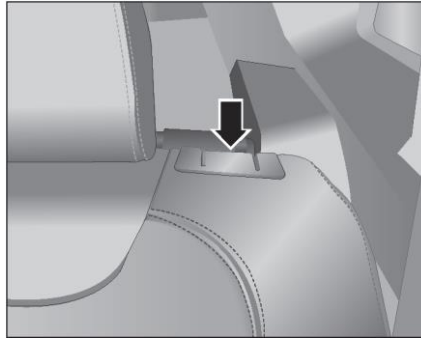


When the rear seat backrest is fully folded, it maximizes storage.

e When the backrest is laid down, the maximum load of the backrest is 100 kg.

Fold recovery





Move the seat belt to the outside, pull up the backrest unlocking switch, and then push the backrest back to the original place. Shake the backrest back and forth to ensure that the backrest is locked reliably.

Rear seat backrest angle adjustment

Pull the unlocking switch of the backrest upward, and then release the unlocking switch after adjusting it to the required position. Shake the backrest back and forth to ensure that the backrest is locked reliably.

i The rear seat backrest has two angles to choose from.

Storage device

-  Do not place chocolates or medicines or unsealed tea cups in the storage box.
-  It is prohibited to place flammable and explosive materials in the vehicle. For example, gas lighters, spare gasoline, alcohol, beer, etc. Especially in hot summer, the interior temperature is very high, which may cause explosion of sealed container or fire.
-  It is prohibited to use lighters to provide lighting in storage areas.
-  There are many locations in the vehicle where there is relative movement between metal parts, so do not accidentally leave dangerous items such as gas lighters on the seat slide, engine compartment, etc. Once the dangerous goods are squeezed and ruptured, it may cause explosion or even fire accidents, leading to serious damage to life or property.

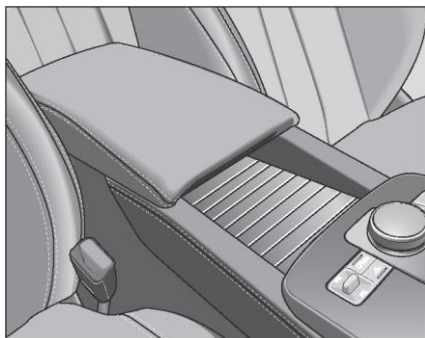
Storage box on the driver door interior trim panel



The storage box on the driver door interior trim panel can be used to store beverage bottles and other items.

The position of the storage box on other door interior trim panel is essentially the same.

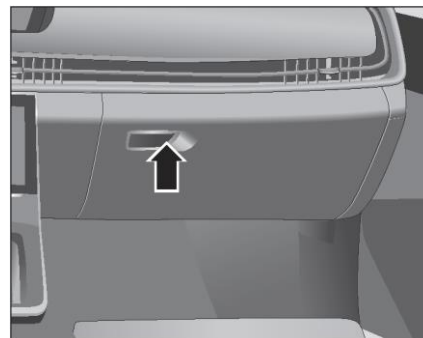
Front central armrest stowage compartment



Pull up the front part of the central armrest to open the stowage compartment cover. Press down to close the storage compartment lid.

The storage box is equipped with a sliding curtain, which can cover the items put in the storage box.

Glove box

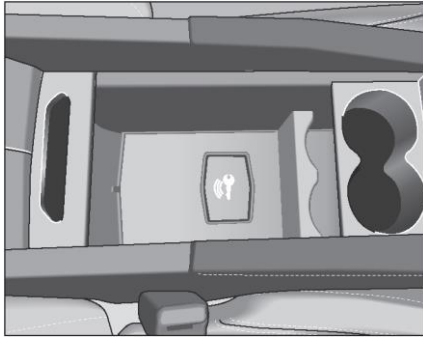


Pull the handle to open the glove box, and push up the glove box cover to close the glove box.

👁 When storing liquid containers in the glove box, tighten the sealing caps to prevent liquid from flowing out and causing damage to vehicle and appliances.

👁 Close the glove box cover when the vehicle is running to avoid personal injury in case of emergency brake or accident.

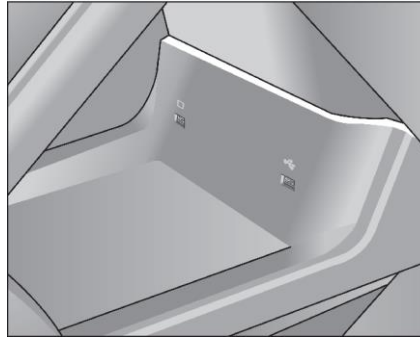
Tea cup gearing slot at the front



In the front center armrest storage box, there are high *, low cup gearing slots, can hold beverage bottles or sealed cups. Different storage schemes can be realized by moving the teacup gearing slot back and forth.

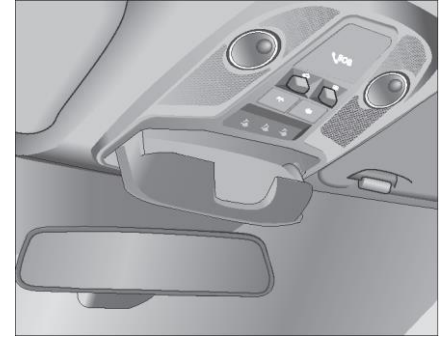
⚠ It is strictly prohibited to use the cup holder as an ashtray.

Front storage compartment



There is a storage compartment under the vehicle control screen, which can hold small items such as bills, cards and other small objects.

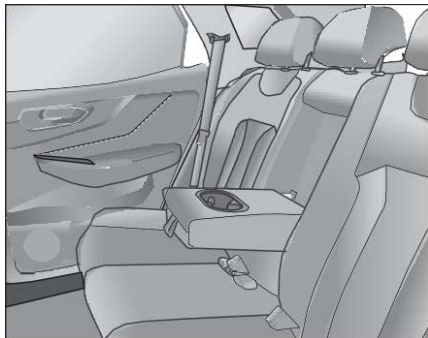
Glasses case



In the closed state, press the back of the glasses case to automatically eject. Push the glasses case up until you hear a "click" sound, so that the glasses case is closed.

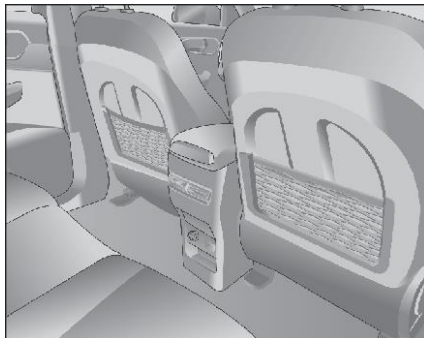
👁 Only light objects such as glasses are allowed in the glasses case. Heavy objects such as mobile phone are not allowed.

Rear seat center armrest (with cup holder)*



Pull down the central armrest of the seat and unfold the armrest of the rear seat. When turning back the center armrest, push it into the rear seat backrest.

Front backrest storage pocket

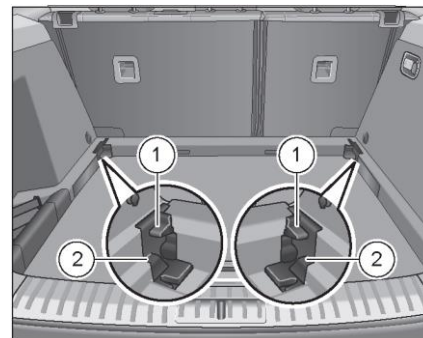


The storage pocket behind the front backrest can be used to store some soft items such as newspapers.

👁️ If too thick objects are placed, it is easy to affect the comfort of the occupants of the rear and may cause irretrievable deformation of the storage bag.

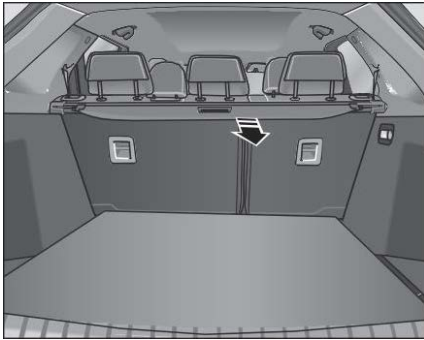
👁️ Only light items can be placed in this storage pocket. Do not place heavy, hard, sharp-edged or fragile objects.

Trunk lid

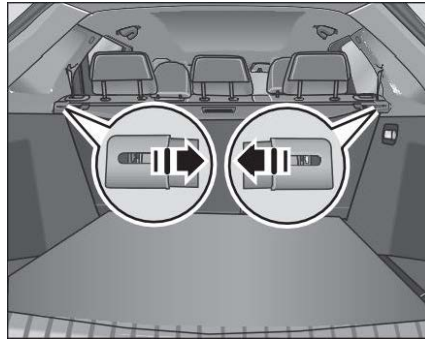


The height of the trunk lid can be adjusted. When the trunk lid is at ①, the trunk lid is flush with the rear seat backrest after overturning. When the trunk lid is at ②, the trunk volume can be increased.

Cover curtain*

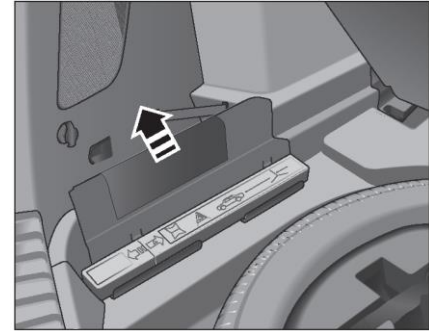


Pull out the trunk cover along the arrow and fix it in the back trunk slot to cover the contents of the trunk.

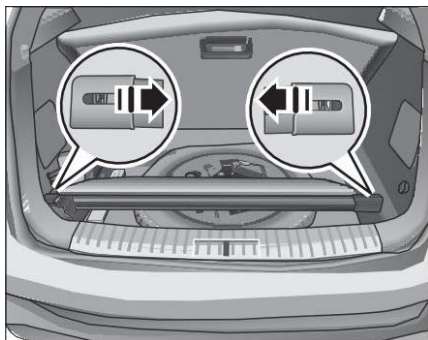


Hold both ends of the trunk cover and compress it in the direction of the arrow, and remove the trunk cover, so as to increase the trunk volume.

Cover curtain storage

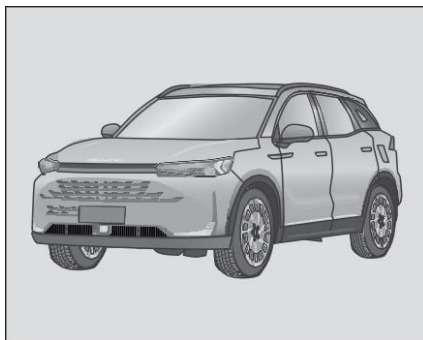


Lift up the trunk lid and remove the trunk tool box cover in the direction of the arrow.



Hold the two ends of the trunk curtain and compress it in the direction of arrow, and place the two ends of the curtain in the locating slot of the trunk trim panel.

Roof rack



The roof rack of this vehicle is a decorative part and does not have the capability of goods.

⚠️ Do not load goods on the roof rack to avoid damage to the rack and accidents.

Electrical devices interface

Front USB port

⚠️ When the Keyless Start/Stop button is in the "RUN" mode, the USB port and 12V power supply are powered.

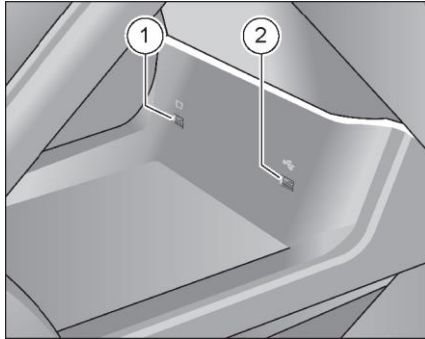
👁️ When the engine is not started, avoid taking power for a long time to avoid battery loss.

⚠️ It is strictly prohibited to use the electrical devices exceeding the allowable maximum power to avoid vehicle failure or serious accidents.

⚠️ If the connected electrical devices is overheated, turn it off immediately and unplug the plug from the socket to avoid fire.

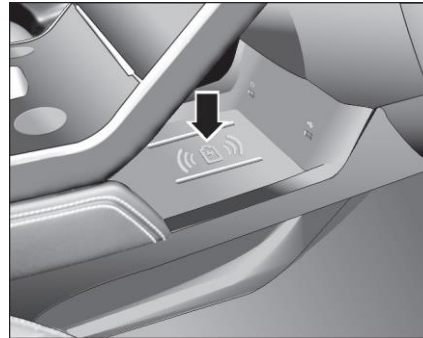
⚠️ Do not allow children to play with the socket and the electrical devices connected to it to avoid accidents.

⚠️ The power outlet protective cover should be covered in time after being used, so as to prevent foreign matters from falling in and causing dangers.



1. Vehicle-machine interconnection interface: used for vehicle-machine interconnection.
2. USB interface: used to connect USB devices.

Wireless charging*



The wireless charger device can charge mobile phone equipped with wireless charging. The wireless charging can be set in the infotainment screen.

After the wireless charging is turned on, put the mobile phone with wireless charging into the wireless charging sensing area to start charging.

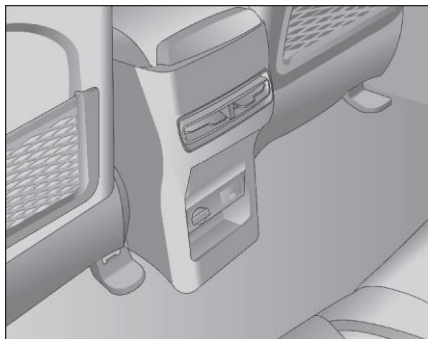
i Metal mobile phone cases or thicker mobile phone cases can affect wireless charging function.

i The wireless charger can only charge one mobile phone at a time.

i Intermittent stopping and resuming of wireless charging may occur when the vehicle is driven over bumpy roads.

⚠ Turn off the wireless charging if you want to use the charging area as a storage box.

Rear USB interface, 12V power supply





The rear USB port and the 12V power outlet are located at the rear of the center console armrest storage box. The USB port only supports charging, but does not support multimedia playing. Open the 12V power outlet cover, and you can use the vehicle power supply plug to get power through the power outlet.

12V power supply in the trunk



The 12V power outlet in the trunk is on the right side of the trunk. Open the 12V power outlet cover, and you can use the vehicle power supply plug to get power through the power outlet.

 Improper use of power outlet and electrical devices can result in fire and serious injury.

 Do not leave children alone in vehicle. When the Start/Stop button goes on, children may misuse the socket and the electrical devices connected to it. If the connected electrical devices becomes overheated, turn off the electrical devices immediately and remove the plug from the socket.

A/C system

The vehicle A/C system is a device used to cool, dehumidify, heat, ventilate and purify the interior air.

The A/C can only work when the engine and blower are running. For better A/C, keep the windows and sunroof closed when using the A/C.

When the A/C system is running, it will increase the engine's extra load and fuel consumption. Turn it off when it is not needed.

If the ambient humidity is high, the windshield may fog slightly when the A/C system is turned on, this is normal and will disappear after the A/C system runs for a while.

The A/C cannot cool when the blower is off or when the temperature is near freezing.

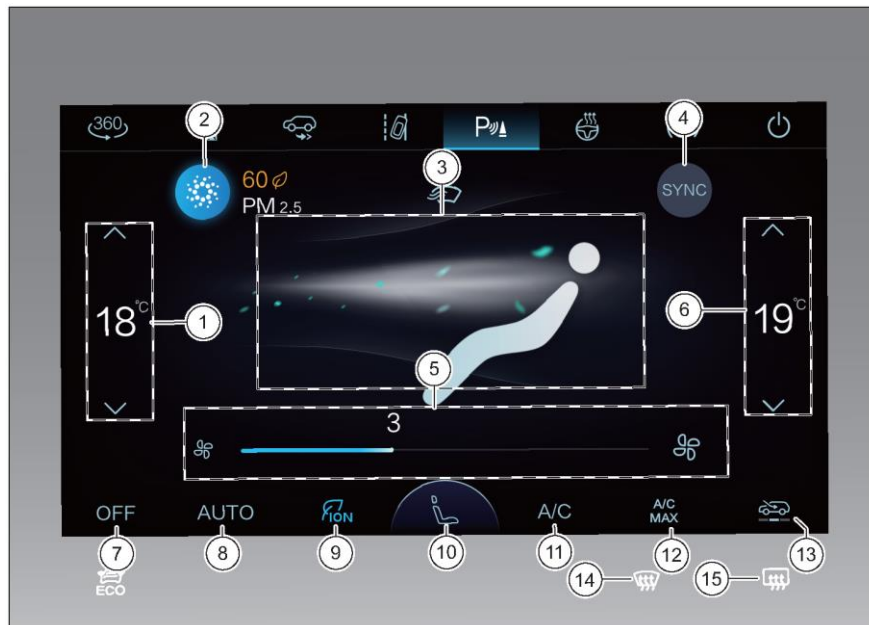
i The A/C will operate only when the engine and blower are turned on. The A/C will stop cooling when the blower is turned off or when the outside temperature is near freezing.

i In order to keep the A/C system in good state, it shall be ensured that the A/C system operates at least once a week (even in cold winter).

i Keep the exterior air inlets under the front A/C of the windshield clean and unblocked to ensure the normal air intake of the A/C system.

i In summer, when the vehicle is exposed to the sun, the interior temperature will be very high. Opening the window and sunroof for ventilation in a short time can help reduce the interior temperature quickly.



Automatic A/C





1. Temperature regulation zone of the left temperature zone
2. Air purification switch*
3. Mode switching area
4. Single/dual temperature zone switching button (SYNC key)
5. Air volume adjustment area
6. Temperature regulation zone of right temperature zone
7. OFF key of the system (OFF key)
8. Full automatic operation key (AUTO key)
9. Negative ion air purification button*
10. Seat Settings*
11. A/C ON/OFF key (A/C key)
12. A/C MAX button
13. Recirculation and fresh air switching button
14. Front windshield defrosting and defogging button
15. Back window defrosting and defogging button

1. Temperature regulation zone of the left temperature zone

The air outlet temperature of left temperature zone can be adjusted in this area, and the set temperature of left temperature zone is displayed in the upper part.

The set temperature will increase by 1°C  every time the temperature increase key is touched; Touch the temperature rise key  for a long time (more than 1s) to increase the set temperature at a rate of 1°C every 0.3s; In the temperature adjustment area of the left temperature zone, slide upward to set the temperature to increase. When the set temperature is 31°C, increase the air outlet temperature again to enter the maximum heating state, the set temperature will display HI, and the system will enter the single-zone mode.

Touch the temperature decrease key once  to decrease the set temperature by 1°C; Long touch (greater than 1 s) the temperature decrease button  to set the temperature to decrease at a rate of 1°C every 0.3 s; In the temperature adjustment area of the left temperature zone, slide downward to set the temperature to decrease. When the temperature is set to 17 °C, reduce the air outlet temperature again to enter the maximum refrigeration state. The set temperature will display LO, and enter the single-zone mode.

2. Air purification switch*

In the A/C interface of infotainment screen, the PM2.5 level and concentration level can be displayed.

By touching the air purifier switch, activate/deactivate the air purifier function. At the same time, activate the ION (negative ion air purifier) function and AQS (air quality control system) function to reduce the PM2.5 level.

3. Mode switching area

Touch the face blowing, feet blowing and window blowing areas to switch the air vent modes, which are:

- Touch the face blowing area separately: the air flow blows to the face.
- Single-touch foot blowing area: air flow blows to the feet.
- Single-touch window blowing area: airflow blows to the windshield.
- Touch the face blowing, feet blowing areas: the airflow blows to the face and feet.
- Areas to touch to blow the window and foot: the airflow blows to the windshield and feet.

During mode switching, the set gear position is air volume to be reached gradually as the mode is switched for comfort.

4. Single/dual temperature zone switching button (SYNC key)

Touch this button to switch between single-zone and dual-zone modes. The system defaults to single-zone mode initially.

Only the left set temperature can be adjusted in the single area mode, that is, when you adjust the increase / decrease key for the left set temperature, the set temperature on the right side will also increase.

/Down; If you adjust the right-hand setting in single-zone mode, the system will enter dual-zone mode. The right-hand setting will change, but the left-hand setting will remain the same.

Pressing the SYNC key in the single-zone control mode will switch to the dual-zone mode, meaning that when adjusting the left set temperature, the right set temperature will not change, and vice versa.

When the system is in full automatic operation mode, touch this button and the system will remain in full automatic operation state.

5. Air volume adjustment area

In this area, the A/C vent air volume can be adjusted, and the corresponding air speed gear can be displayed.



Touch the air volume button once to increase the air volume by one gear; Touch the air volume button for a long time to increase the air volume by 1 gear every 0.3 s; In the air volume adjustment area, drag the gear position icon to the right so that the air speed increases. The maximum air speed is 8th gear.



Touch the air volume-down button once to decrease the air volume by one gear; Long touch the air volume down button to decrease the air volume by one gear every 0.3 s; In the air volume adjustment area, drag the gear position icon to the left to decrease the air speed. The minimum air speed is gear 1.

In standby state, touch the air volume up button or the air volume down button to turn on the A/C system.

6. Temperature regulation zone of right temperature zone

In this area, you can adjust the air outlet temperature of the right temperature zone, and the set temperature of the right temperature zone is displayed above.

The set temperature will increase by 1°C  every time the temperature increase key is touched; Touch the temperature rise key  for a long time (more than 1s) to increase the set temperature at a rate of 1°C every 0.3s; In the temperature adjustment area of the left temperature zone, slide upward to set the temperature to increase. When the temperature is set to 31°C, increase the air outlet temperature again to enter the maximum heating state, and the set temperature will display HI.


Touch the temperature decrease key once  to decrease the set temperature by 1°C; Long touch (greater than 1 s) the temperature decrease button  to set the temperature to decrease at a rate of 1°C every 0.3 s; In the temperature adjustment area of the left temperature zone, slide downward to set the temperature to decrease. When the set temperature is 17°C, decrease the air outlet temperature again and enter the maximum refrigeration state, and the set temperature will display LO.

7. OFF key of the system (OFF key)

When the A/C system is turned on, touch the system off button to enter standby state.

8. Full automatic operation key (AUTO key)

Touch the AUTO button and the A/C system will enter the fully automatic operation mode. In this mode, touch any key among the mode switch, air volume adjustment, A/C key, internal / external circulation switch key, air purification*, and windshield defrost / defog button; the system will execute the key command and exit the AUTO state. Other functions that were originally automatic continue to be automatically controlled by the system. Touch the back window defrosting and defogging button and temperature control, and the AUTO mode will continue to operate without being affected; Touch the system OFF key, the A/C system stops running, the controller is turned off.

 In the AUTO mode, touch the internal / external circulation switch key on the vehicle equipped with AQS function; if it switches from internal circulation to AQS, the A/C AUTO mode will not exit at this time; only when you touch the internal / external switch key to enter the external circulation will the AUTO state exit.

9. Negative ion air purification button*

Start/close the negative ion air purification function by touching the negative ion air purification button.

10. Seat settings*

Touch the seat setting switch to enter the seat setting interface. On this interface, you can adjust the front seats position, turn on/off the seat heating, turn on/off the seat ventilation, turn on the seat massage, and adjust the massage mode.

11. A/C system ON/OFF button (A/C button)

Touch the On/Off button of the A/C system, so that the compressor will start running. Touch this key again to stop the compressor.

When the system is in fully automatic running mode, press the key to exit the automatic running state of the A/C system; only when you press the fully automatic running key again will the A/C system resume automatic running.

12. A/C MAX button

Switch to the maximum high gear of air volume after clicking ON, turn on the internal circulation and the A/C system with blowing face mode, and refrigerate at maximum temperature. Tap again to turn off the A/C MAX function and enter the state before A/C MAX.

13. Recirculation and fresh air switching button

For vehicle equipped with AQS, the circulation state can be switched by touching the internal and external circulation switching key. The order is: recirculation mode, AQS mode *, fresh air mode, and the system defaults to fresh air mode.

For vehicle not equipped with AQS, the circulation state can be switched by touching the internal and external circulation switch button. The cycle order is: recirculation mode, fresh air mode, and the system defaults to fresh air mode.

14. Front windshield defrosting and defogging button

Touch the windshield defrosting and defogging button, the system will enter the windshield defrosting and defogging mode. At this time, the button indicator light goes on. Tap the button again, the front windshield defrost and defog mode will be turned off, and the button indicator light will go out.

i During defogging, if the temperature is low, the air outlet temperature can be manually adjusted by pressing the A/C temperature adjustment button to ensure comfort and efficient defogging.

15. Back window defrosting and defogging button

Touch the back window defrosting and defogging button to activate the back window defrosting and defogging function, and the button indicator light will light up. After touching the back windshield defroster button, it will be turned off after being turned on for about 15 minutes, or it can be turned off manually by touching the button again.

Use of A/C

A/C can provide refrigeration, heating and dehumidification functions. It can reduce the A/C temperature and remove the humidity of air during refrigeration. The air temperature can be raised during heating. The A/C can only be used when the engine and blower are running. Keep the window and sunroof closed when using the A/C.

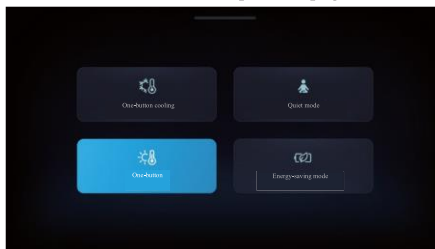
The operation of the A/C system puts additional load on the engine. In extreme heat, or when the engine is required to run at full load, such as climbing a long mountain road or driving in heavy traffic, the engine will become hotter. If the pointer on the engine coolant temperature gauge gets close to the red zone, turn off the A/C until the engine temperature returns to normal.

If the humidity is high, the window may fog slightly when the A/C system is turned on, which is a normal phenomenon. After the A/C system runs for about a few seconds, the fogging will disappear.

A/C expansion page



Swipe up the A/C page of the vehicle control screen to access the A/C expansion page.



Enter the A/C expansion page to turn on/off one-key cooling, one-key heating, energy saving mode, quiet enjoyment mode, conduct no operation within 10 seconds or swipe down to close the A/C expansion page.

Reduce humidity

The A/C can reduce the humidity of the interior and demists the window quickly in humid conditions.

Used in conjunction with a heater, it also heats and dries the vehicle's interior.

When the outside temperature is above zero degree, this setup is suitable for most driving conditions. After turning on the A/C, first follow the display and adjust the temperature control and vent air speed as required.

i Under high temperature conditions, if the internal temperature of the vehicle is very high when the engine is started, before turning on the A/C, set the blower to the highest speed and open the windows and sunroof, and set the A/C mode to the fresh air mode, which can circulate the air inside the vehicle in a short time, conducive to rapidly reducing the internal temperature of the vehicle.

A/C of pollen filtration

The pollen filtration function can filter fresh air and indoor circulating air, to effectively remove pollen and dust particles in the A/C and provide clean air for the cabin occupants.

Maintenance of A/C

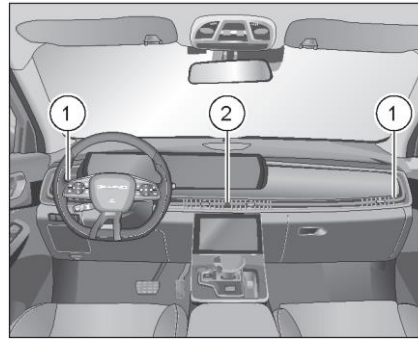
The A/C system is completely sealed, major maintenance of which should be performed by qualified technicians.

To keep the system at its best state, the vehicle owner shall ensure that the system is running at least a short time each week.

(Even in the cold winter). When the engine is at normal operating temperature, start the A/C for at least 10 minutes and try to keep the vehicle running at a constant speed.

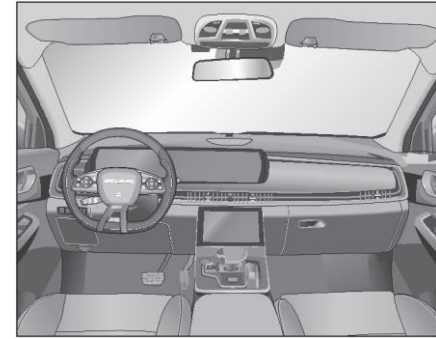
The excess water generated during the refrigeration and dehumidification process is discharged from the vehicle by the system through the drainage pipeline at the bottom of the vehicle, which may cause water accumulation on the road surface when the vehicle is stationary, and it is normal.

A/C vent



- ① Vent on both sides
- ② Central vent

Central vent



Adjust the center vent up, down, left and right to change the wind direction.

Right vent, sideslip to the right to open the vent and to the left to close the vent.

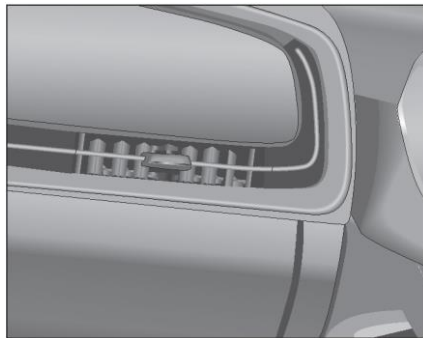
Left vent, sideslip left to open the vent, sideslip right to close the vent.

Left vent



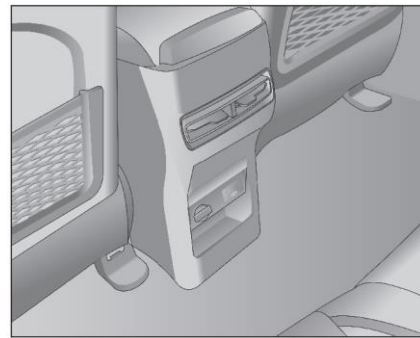
Adjust the dashboard up, down, left, right to change the direction of the left vent.
Sideslip to the right to open the vent and to the left to close the vent.

Right vent



Change the wind direction by adjusting the vent vertically and horizontally on the right side of the dashboard.
Sideslip to the left to open the vent and to the right to close the vent.

Rear vent



Change the wind direction by adjust the rear vent vertically and horizontally.
Right vent, sideslip to the right to open the vent and to the left to close the vent.
Left vent, sideslip left to open the vent, sideslip right to close the vent.

A/C pre-ventilation*

The function of the A/C pre-ventilation function is to automatically circulate and exchange air in the passenger compartment before the user gets on the car.



The A/C pre-ventilation function can be activated through the infotainment screen. Once activated, operate the unlock button on the smart key (first press the unlock button to unlock the vehicle, then press and hold the unlock button within 6 seconds) to enable it. When the door is opened, ventilation will initiatively stop. If the door is not open, ventilation will stop automatically after a period of time.

i Close to the vehicle, you may hear the sound of the blower ventilation, which is a normal phenomenon; This function can only be enabled once in one ignition cycle.

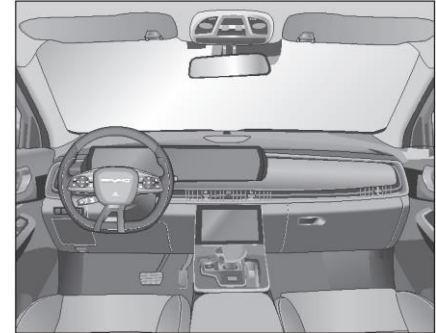
Self-drying of A/C*



When the A/C is turned on, the A/C will be self-drying to prevent bacteria from growing inside the vehicle.

Audio system and diagnostic interface

Navigation and multimedia audio system*



Some models are equipped with navigation and multimedia audio system. For specific operation methods, please refer to the operation manual of OBU.

Speed-aware sound compensation system

When the vehicle is driving at high speed, the background noise will increase with the increase of the vehicle speed. The speed perception sound compensation system will dynamically adjust the volume of the entertainment sound source according to the vehicle speed, so as to ensure that the driver and passengers always maintain a good listening state.

Diagnostic interface



The diagnostic interface is located under the dashboard fuse box.

The diagnostic interface is used for the digital communication between the electronic control unit and the diagnostic unit.

i The VIN can be read on the diagnostic interface by using an external diagnostic device.

i Purchase channel and contact information of diagnostic instrument: [BAIC Blue Valley Marketing Service Co., Ltd. 400-810-8100](#).

i Current diagnostic system: PAD diagnostic kit.

Event data recording system (EDR)

This vehicle is equipped with an Event Data Recording system (EDR). The main purpose of EDR is to record some of the vehicle's vehicle states in case of major collision accident, including the vehicle's longitudinal acceleration, braking state, vehicle speed and vehicle identification number (VIN) so as to understand the driving situation of the vehicle in case of collision accident. The EDR will not record data under normal driving conditions.

Specific meaning of record content:

- Longitudinal acceleration: The acceleration in the forward direction of the vehicle at the time of collision accident.
- Brake state: The braking situation in case of collision accident.
- Vehicle speed: the vehicle speed at which the collision accident occurs.
- Vehicle identification code: i.e. vehicle VIN.

i The recordings of the above information are for the sake of knowing the vehicle state during the accident, and helping the third party, such as law enforcement, to investigate the collision accident.

Access to the data recorded by EDR requires a special equipment and authorization from the vehicle or EDR. In addition to the manufacturer of the vehicle, third parties with specialized equipment (such as law enforcement) can access the information when authorized to use the vehicle or EDR.

Attachments and retrofitting

Always consult the dealership of BAIC Motor before installing accessories or replacing components and parts. It is suggested that you should always use accessories and parts that are recognized by this Company.

Unsuitable retrofitting will seriously impair the performance of the vehicle and even cause serious accidents, such as:

- It may affect normal work of the vehicle's anti-lock brake system (ABS) and other systems by installing larger or smaller wheels.
- Retrofitting turning wheel and other safety features may cause failure of relevant system.
- On vehicle equipped with side curtain airbags, the installation of other accessories at the longitudinal beams on both sides of the roof can hinder the normal operation of the side curtain airbags.

⚠Retrofitting to the front of the vehicle may impair the pedestrian protection of the vehicle.

⚠ Improper retrofitting of accessories or retrofitting may weaken the protective effect of the SRS and even cause fatal injuries.

⚠ Accessories such as drink holders and telephone stands on the housing of the SRS or within the scope of action of the SRS may cause serious personal injury in case of airbag deployment.

⚠ Do not apply bottom protection or anti-corrosion material on exhaust pipe, catalytic converter or heat shield to avoid heat dissipation.

It is forbidden to install high-power electrical appliances other than the ones which are originally configured in the vehicle.



Retrofitting high-power electrical appliances beyond the rated power may cause heating and short circuit of harness due to excessive load, which may lead to fire.

When installing dashcam, navigation or DVD player, do not change the harness at will



When installing wiring harness, wiring with high internal resistance will generate high heat, which may cause fire.

It is prohibited to use high-power bulbs

When bulbs are being used beyond the rated power that makes them lighter, the harness may be overloaded and cause fires.

New vehicle running-in

Precautions for running-in

In order to prolong the service life of the vehicle, running-in of the new vehicle should be carried out at the beginning of its use before it can be put into normal use. The following is regulations in the running-in period:

- Distance of running-in period: 2,500 km.
- Choose a better road and drive with light load.
- The speed shall not exceed 80% of the maximum speed.
- Do not press the accelerator pedal to the bottom for rapid acceleration.
- Avoid emergency brake within the first 500 km.
- Do not operate the engine in a fixed RPM for a long time during running-in.
- Strictly follow the operating procedures and keep the engine at the normal operating temperature. Carefully carry out the routine maintenance of the vehicle, check it frequently, and pay attention to the sound and temperature changes of the assemblies in operation.

Running-in for the engine

Running-in of the engine as required can not only prolong its service life but also reduce its fuel consumption. Newly engine or overhauled engine must be subject to running-in before normal use, and during the period of running-in, the following provisions must be observed:

- Avoid high-speed running of the engine, and never exceed 80% of the maximum RPM.
- Do not tow other vehicles.

The engine RPM and speed can be gradually increased to the maximum allowable range from 1,000 to 2,500 km.


In the initial stage of running-in, the internal frictional resistance of the engine is much greater than after the running-in, and the oil consumption may be higher than normal, so the engine oil shall be checked regularly.


All move components of the engine would achieve the best matching state after running-in.


Running-in tires and brake pad


During the first 500 km, you should drive at a moderate speed and running-in new tires well.

During the first 500 km, the new brake pads and the brake disc may not reach the optimal friction state. Therefore, emergency brake shall be avoided to maintain sufficient safe braking distance.

 If the engine or other transmission system components and parts of the vehicle is changed, the running-in precautions shall also be observed.

 New tires and brake pads that have not been running-in have not achieved optimal adhesion and friction, so it is necessary to drive carefully within the initial 500km to prevent accidents.

 Replaced new brake pads must also be running-in in accordance with the above.

 When driving, maintain a proper distance from other vehicles and beware of any situation that requires emergency brake. Since the tire and brake pad have not experienced running-in, with insufficient adhesion and friction, they might easily cause accidents.

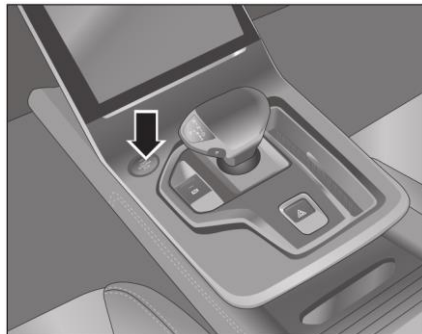
Starting and driving

Precautions before driving

- Verify that all window, side mirror and exterior lights are clean.
- Check the condition of the tire and confirm that the tire pressure is normal.
- Check the underbody for liquid leakage.
- To reverse, confirm that there is no obstacles behind the vehicle.
- The fluid level (such as engine oil, engine coolant, brake fluid and windshield washing liquid) shall be checked regularly.
- Close all door.
- Adjust the seat to the proper position.
- Wear seat belt properly.
- Adjust the vehicle and side mirror to the proper position.
- Verify that all light of the vehicle are working properly.
- Confirm that the instrument cluster is working properly.

- When the Start/Stop button is in the "RUN" mode, check whether each warning light functions normally.
- Release the parking brake and confirm that the parking brake indicator light is off.

Start/stop button



The Start/Stop button is located on the auxiliary dashboard.

Power mode switching

Turn the shift the gear to P or N position without pressing the brake pedal, press the Start/Stop button, and the power mode will be switched in the following order:

- When the button is not pressed: the Start/Stop button is turned off, that is, the "OFF" mode (the button backlight is not on).

- When the button is pressed for the first time: the "RUN" mode is turned on (the button backlight is green), the instrument goes on, and all electrical appliances are in the ON state.
- When the button is pressed for the second time: return to the "OFF" mode (the button backlight is off).

Press the Start/Stop button one by one to switch cyclically between "OFF" → "RUN" → "OFF".

i The gearshift handle is in the "P" gear or "N" gear, and the brake pedal must be pressed to start the engine.

i Pressing the Start/Stop button can start the engine or change the power mode, but the smart key must be placed in a valid range that the vehicle can detect.

i In the temperature of -20°C and below, it is prohibited to shift the gear into non-P gear without starting the engine, otherwise the instrument cluster will prompt "Please start the engine".

Start engine

1. Press the brake pedal to the bottom and hold it;
2. Shift the gear to the gear P or position N;
3. Press the Start/Stop button once to start the engine.

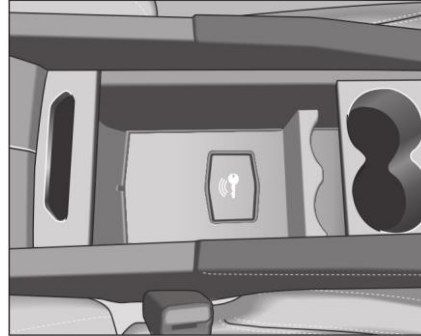
i Start the engine when the Start/Stop button is in the "OFF" mode. If the brake pedal is not pressed at this time, the engine cannot be started. The prompt "Please press the brake to start" will be displayed on the instrument cluster (the specific configuration shall be subject to the actual vehicle).

Start the engine when the Start/Stop button is in "OFF" or "RUN" mode, press the brake pedal and press the Start/Stop button. If the gear is not in P or N gear, the instrument cluster will display "Please engage P or N to start", and the vehicle will not start, and the Start/Stop button will jump to "RUN" mode.

When it is necessary to stop and turn off the engine, press down the Start/Stop button and shut down the engine. If the vehicle speed is ≤ 2 km/h, the gear position will be automatically switched to P gear. If the vehicle speed is > 2 km/h, shift the gear position to N gear. The instrument cluster will display "Please switch to P gear to stop" for prompt.

Smart key standby start function

If the vehicle is in an area of strong signal interference, or the smart key cell is low on battery power, when you press the Start/Stop button to try to start the vehicle, you will need to use the backup start function.



Depress the brake pedal, shift the gear to P or N, put the smart key in the center console armrest storage box with the emergency start identification, and press the Start/Stop button to start the engine.

i Scope of application of standby start function:

- The smart key cell power is low and the battery cannot be replaced in time.
- When the vehicle is in a strong signal interference area, use the backup start function to drive the vehicle out of the area, and the keyless start function can resume normal operation.

⚠ Do not run the engine for a long time in a poorly ventilated place or enclosed room. Because of the toxic fumes in the engine exhaust, which can cause unconsciousness and even suffocation.

i When the battery power is insufficient to start the engine, try to use the jumper cable to start the engine through the battery of another vehicle.

⚠ Do not start the engine by pushing or pulling the vehicle. Otherwise collision accidents may occur. And unburnt gasoline into the catalytic converter may cause fire to the vehicle.

🔍 If the engine fails to start for three consecutive times, please wait for three minutes and try again. If it is started continuously

for 5 times but the engine still fails to start, please contact the dealership of BAIC Motor immediately for inspection and repair.

⚠️ Do not leave the vehicle unattended state when the engine is running to avoid accidents.

🔍 If the engine is difficult to start, do not run the starter for more than 10 seconds each time you start the engine. If the engine does not start,

It is necessary to stop the starting operation and wait about 30s before trying to start it again to avoid overheating damage and battery loss to the starter.

🔍 When the ambient temperature is at -10°C or lower, the engine start time may increase. Therefore, all unwanted electrical appliances should be turned off at startup.

Turn off the engine

Press the brake pedal and stop moving the vehicle; shift the gear to the N position, apply parking brake, and then shift the gear to the P position. Press the Keyless Start/Stop button once and the engine will stop. Release the brake pedal.

🔍 After heavy load operation, it is recommended to run the engine at idle speed for a few minutes before stalling. This can allow the cooling system to continue working to quickly cool the engine.

🔍 After the engine is shut down, the cooling fan may still run for some time. At this time in the engine compartment operation, should be careful to be injured by the fan.

Emergency flameout method

Step on the brake pedal, press the Keyless Start/Stop button twice within 2s or press and hold the Start/Stop button for more than 2s to shut down the engine.

⚠️ The vacuum assist does not work when the engine is shut down. It takes a lot of force to press the brake pedal to slow the vehicle down.

⚠️ Do not turn off the engine when the vehicle is running! Otherwise, the vehicle may get out of control and cause accidents.


⚠️ In the event of an accident, the vehicle may leak fuel and the engine shall be turned off immediately to prevent a fire.

🔍 Do not idle the engine for a long time to avoid supercharger leakage.

⚠️ It is strictly forbidden to use the operation method of "acceleration - flameout - N gear coasting".


⚠️ When the engine is running, the exhaust contains colorless, odorless carbon monoxide. Breathing carbon monoxide can cause unconsciousness or suffocation. If you smell the odor of exhaust gas inside the car, you shall immediately open the window for ventilation.


🔍 Check the exhaust system when replacing the engine oil or lifting the vehicle for other purposes. If the sound from the exhaust system changes or if an object hits the underside of the vehicle while driving, the exhaust system shall be checked.


 Avoid running the engine in a garage or enclosed space except when the vehicle gets in or out of the garage. Otherwise, the exhaust gas cannot escape, which will cause serious danger.


Starting and stopping the vehicle

1. Press the brake pedal to the bottom, shift the gear to "P" gear or "N" position and start the engine;
2. Press the brake pedal, as well as the lock button in front of the gearshift handle. Shift the gear to "D" or "R" position, first release the EPB, then the brake pedal, and slowly press the accelerator pedal, so that the vehicle will start running.
3. When parking the vehicle, press the brake pedal, stop moving the vehicle, apply parking brake, and shift the gear to the "P" position.

 When the parking brake automatic release function is enabled, the EPB can be automatically released by pressing the accelerator pedal.

 When the vehicle is stopped, switch the Keyless Start/Stop button to the "OFF" mode, so that the vehicle can automatically apply the parking brake.

 Under the standby mode of the automatic parking system, the gear position is in the "D" or "R" position. Press the brake pedal during driving till the vehicle stops moving. The automatic parking system will enter the execution state, i.e. the automatically maintained parking brake state.

 Do not place the gear position in driving gear while the engine is running, but press and hold the brake pedal to keep the vehicle stationary for a long time. When it is necessary to idle for a long time, shift the gear into the "P" gear or "N" gear.

Introduction to gear position

P gear (parking gear)


Used when parking or starting a engine. Make sure that the vehicle is fully parked before shifting the gear to "P" gear. The gear position can prevent rolling during stop.

R gear (reverse gear)

For reverse. Before shifting the gear to "R" gear, make sure the vehicle is completely stopped and the engine is in run it at idle speed state.

N gear (neutral)

When the vehicle has to stop for a short time and the engine is running at idle speed (e.g. waiting for a traffic light), shift the gear into the "N" position. When the transmission is in the "N" position and the transmission is not locked, depress the brake pedal or apply parking brake to prevent the vehicle from slipping.

 When the vehicle engine fails to start, shift the gear to N gear if a towing is needed:

Driving guide

- Switch the Keyless Start/Stop button to "RUN" mode, and shift the gear to N gear in the door closed state;
- Switch the Keyless Start/Stop button to the "RUN" mode gear, and the gearbox will automatically return to the P gear after the door is open,. Switch to N gear again and N gear is engaged.

ⓘ After shifting the gear in N gear with towing, please pay attention to the surroundings and press the brake pedal when necessary to avoid accidents!

ⓘ When driving on the vehicle, please do not shift to the gear N and coast!

D gear (driving gear)

Switch the gearshift handle position in the normal drive mode, so that the transmission will automatically gear up or gear down according to the engine RPM and the vehicle speed.

M gear (manual mode)

When accelerating overtaking or driving uphill or downhill, it is recommended to use the gear M.

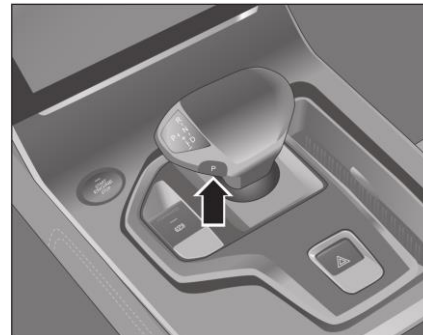
In case of bumpy roads, slope, etc., it is recommended to use the low gear of gear M.

S gear (SPORT mode)

Priority shall be given to ensure the power and acceleration of vehicle. Suitable for flat road with less vehicle and better road conditions.

Shift the gear

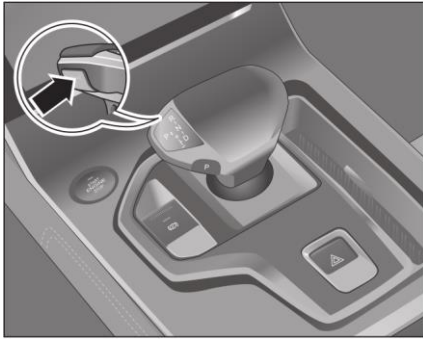
Shift the gear to P gear



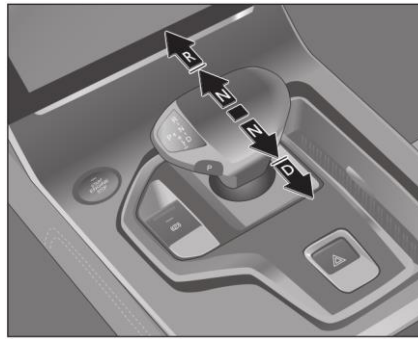
Press down the switch button of P gear to shift the gear to P gear. At this time, the "P" gear indicator light goes on.

ⓘ The gear position is automatically switched to P gear in the following cases:

- When the vehicle is stationary, switch the Keyless Start/Stop button to the "OFF" mode.
- When the vehicle is in the stationary gear and the gear is in the R/N/D/S/M gear, open the driver door.

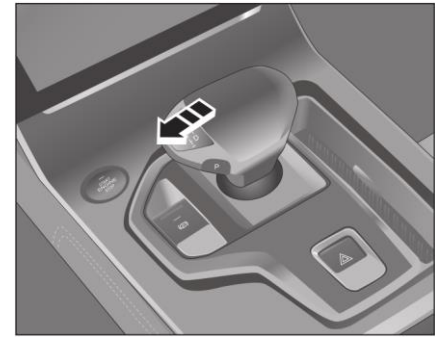
Unlocking button

The gearshift handle unlocking button is located at the front of the gearshift handle to avoid accidental shift the gear to R/D and accidental shifting from P to other gears. To unlock the gearshift handle, press the unlock button.

Shift the gear to R, N, D gear

During stop, it is necessary to depress the brake pedal and press the unlocking button to exit the gear P or shift to the gear R/N/D.

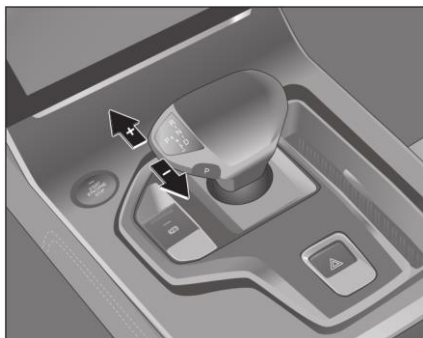
Press the gearshift handle in the desired direction, and exceed the pressure application point if necessary. Release the gearshift handle and return to the neutral position.

Shift the gear to S gear (SPORT mode)

After shifting the gear to D gear, press the gearshift handle to the left to switch to S gear. The transmission activates the SPORT mode. The instrument cluster gear position is displayed with S.

Press the gearshift handle to the right to exit S gear (SPORT mode) and switch to D gear.

Shift the gear to M gear (manual mode)



Shift the gear to S gear, press forward or pull backward the gearshift handle, so as to switch to M gear (manual mode). The transmission activates the manual mode. The instrument cluster displays the selected gear position, such as M1.

Press the gearshift handle to the right and exit M. Gear (manual mode) and shift to D gear. Shift gears in manual mode:

- Switch to the low gear and pull backward the gearshift handle.
- Shift to the high gear and press the gearshift handle forward.

i Gear shifting can only be performed under appropriate RPM and speed, such as not downshifting when the engine RPM is high.

⚠ During driving, do not abruptly shift the gear to "R" or "P" gear; otherwise, the transmission may be damaged and even accidents may occur.

i When starting the engine in cold state, the RPM is high, so please be careful when shifting the gear into "D" gear or "R" gear before the engine warms up.

i Before starting the engine, make sure that the gear position is in "P" gear or "N" gear. Do not try to start the engine in other gear positions.

i The vehicle will respond to changes in resistance (e.g. towing, climbing a long hill, etc.) and start the corresponding gear shifting program. By shifting into a lower gear position, the vehicle will provide more power to prevent frequent gear shifting.

i Do not accelerate the engine RPM when the vehicle is stopped. This may cause the vehicle to move unexpectedly.

i When shifting from "N" gear to another gear, keep the engine at idle.

The use of automatic transmission

The following information is particularly important for drivers unfamiliar with vehicle equipped with automatic transmission.

The engine can only be started when the gear position is in P or "N" gear.

Keep depressing the brake pedal prior to startup of the engine.

After shifting to "D" or "R" gear, do not let the engine run at high speed if the vehicle is in stationary.

Always apply the parking brake until you are ready to drive the vehicle away. Remember that once the driving gear is selected, the automatic transmission vehicle will slowly move forward or backward.

After the gear is selected and the engine is running, do not leave the vehicle stationary (if you need to idle for a long time, shift the gear to "N" gear).

Drive mode



When the Keyless Start/Stop button is in the "RUN" mode, press the ECO mode button to switch to the ECO mode. Press the button again to switch back to normal mode.

Turn the shift the gear to "S" gear to switch to SPORT mode. Shift the gear position out of "S" gear to switch back to normal mode.

Standard mode:

The comprehensive vehicle power and economy applies to all kinds of road conditions.

ECO mode:

Improvement of vehicle fuel economy applies to urban roads and pavements.

SPORT mode:

Improve the power performance of the vehicle and give priority to the power performance and acceleration of the vehicle. It is suitable for flat road with few vehicles and good road conditions.

i The default vehicle is standard mode. If you need to switch to other modes, please select according to the actual situation.

Parking

Precautions for parking

⚠ Do not park vehicle near flammable and explosive materials to avoid fire.

⚠ For the automatic transmission model, shift the gear to "P" position. Otherwise, the vehicle might move unexpectedly and result in accidents.

⚠ Verify that the parking brake is reliable.

⚠ The driver must take the vehicle key with them when leaving the vehicle. Otherwise, people staying in the vehicle may start the engine or electrical devices by mistake, causing serious casualties.

⚠ Do not leave children or people in need of care alone in the vehicle! Otherwise, they may be suffocated or the vehicle may be unintentionally moved, which causes serious accidents.

⚠ It is strictly prohibited to turn on the A/C or heater while the vehicle is stopped and the engine is in running state to stay in the vehicle for a long time, otherwise death may occur due to vehicle exhaust gas poisoning.

Do not park the vehicle on flammable materials such as dead leaves or hay. Otherwise, hot engine or exhaust pipe may ignite such flammable materials and cause a fire.

Do not press the accelerator pedal for a long time, when parking or stopping the vehicle at the running state of the engine. Otherwise, fire may be caused by the excessively hot engine or exhaust emission system.

Method of parking

1. Stop the vehicle, apply parking brake, and confirm that the parking brake is reliable;
2. Shift the gear into "P" gear;
3. Check that all lights and electrical appliances are turned off, make sure sunroof (if equipped) and windows are closed properly, and turn off the engine;
4. Keep valuables and key with you and lock all door. When the anti-theft indicator light on the instrument flashes at a low frequency, indicating that the anti-theft system has been activated;
5. When parking the vehicle on the slope,

turn the turning wheel as shown in the figure, so as to prevent the vehicle from accidental moving into the driving road. When stop on a steeper slope, stoppers shall also be used to plug the wheel.

i When stopping the vehicle on a downhill slope with curb stones, turn the turning wheel and keep the wheel facing towards the curb stones.


i When stop on an uphill slope with curb, the turn the turning wheel keeps the curb away from them.

i When the front of the vehicle is going uphill or downhill and there is no curb stone, turn the turning wheel so that the wheels face the curb.

EPS

The EPS can provide turning effort under various driving conditions according to different vehicle speed and turning wheel torque during vehicle turning, and reduce the disturbance to the turning system caused by rough road. It can not only reduce the turning control at low speed, but also greatly improve the handling stability at high speed.

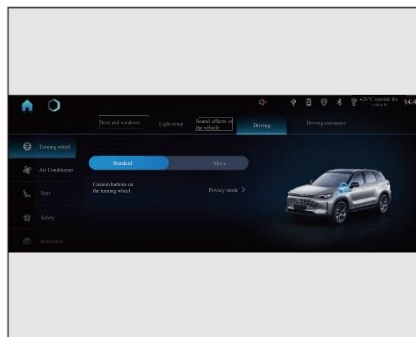
In case of parking or very low speed driving, if the turning wheel is continuously operated for many times, the EPS will reduce the turning effort to prevent the system from overheating and the operating turning wheel becomes difficult. If you continue this operation, the EPS will enter overheat protection mode, the assist will decrease, and the hand force will gradually increase, but the EPS indicator light will not go on. The turning shall be stopped until the temperature drops and the assistance will automatically resume.

When the engine is running, the EPS indicator light  stays on, indicating that the EPS is not working properly. Please contact the dealership of BAIC Motor to check the EPS.

👁️ When the turning system fails, please contact the dealership of BAIC Motor immediately for inspection and repair. Even if you don't notice anything unusual during the turning, the system may have had a serious problem causing the turning to malfunction.

👁️ After the turning column and turning gear are replaced or the vehicle four-wheel alignment is done again, the EPS shall be calibrated in the middle gear, otherwise the vehicle will deviate and the return function will fail.

Mode setting



The model is equipped with two turning effort modes: standard and move. The driver may choose the assist mode according to demands of their own. The electronic power turning mode can be assisted through the infotainment screen.

👁️ The setup of the turning effort mode should satisfy the following conditions:

- EPS system is normal.
- The engine is in normal operation.
- Speed \leq 15 km/h.

Brake system

The brake system mainly includes:

- Four-wheel disc brake with good thermal stability.
- For dual-circuit hydraulic system, if one circuit fails, the other can still brake both wheels.
- Vacuum assist, using engine vacuum to reduce brake pedal.
- Anti-lock brake system (ABS) can still maintain good directional stability in an emergency brake.
- Electric brakeforce distribution (EBD) system automatically adjusts the braking force distribution ratio between front and rear axles to improve brake efficiency.
- Electronic stability system (ESP), which can improve the stability of the vehicle.
- EPB (EPB) ensures reliable parking effect.

👁️ Continuous use of the brake on a long downhill slope will cause it to accumulate heat and thus reduce the efficiency of the brake. At this point, should be changed to a relatively low gear position, the use of engine to assist in brake. To increase the braking force, do NOT brake continuously. Rather, you should brake intermittently.

👁️ Don't press on the brake pedal too often. Otherwise, the wear and tear of the brake pad will be accelerated.

👁️ After wading, be sure to check the braking effect, moderately step on the brake pedal, feel whether the braking is normal. In case of any abnormality, press the brake pedal frequently and gently to dry the brake until it returns to normal.

👁️ When the vehicle is running normally, do not habitually put your feet on the brake pedal, otherwise inadvertently pressing the brake pedal may cause overheating of the brake, resulting in reduced brake efficiency, shortened service life of the brake pad, and increased fuel consumption of the vehicle. Keeping the brake lamp on can also cause the rear driver to misjudge the road conditions ahead.

👁️ In the driving, if the engine is shut down, do not use several times continuous brake, otherwise it will cause the vacuum booster to reduce vacuum, then it is necessary to use a lot of force to continuously step on the brake pedal to slow down the vehicle to stop.

👁️ When driving, make sure to maintain sufficient distance from other vehicles to ensure adequate reaction time and braking distance during emergency brake.

Factors affecting the braking effect

1. Wear

The wear and tear of the brake pad depends to a large extent on the conditions of use and driving style, especially for vehicle that often use urban traffic and short trips or drive in SPORT mode. Therefore, it is necessary to check the thickness of the brake pad within the specified maintenance interval.

2. Wet or salted roads

Wet brake efficiency: when driving in standing water or heavy rain, or after washing the vehicle, causing the brake pad and the brake disc to become wet or freezing in winter, the brake efficiency will be reduced. Gently press the brake pedal several times to dry and restore the brake.

Salted roads: when driving on salted roads, if you do not use the brake for a long time, there will be salt on the brake pan and brake pad, and the brake efficiency will be reduced. Gently step on the brake pedal several times to remove the salt on the brake pan and brake pad.

3. Mountain environment

The brake efficiency is worsened by the high brake and long slopes, frequent and continuous brake of brake. Therefore, when the vehicle goes downhill, do not coast in neutral and avoid frequent brake. Use the low gear position as much as possible to control the speed through the engine-assisted brake, which can reduce the working intensity of the brake and reduce the temperature of the brake. When the engine-assisted brake is used, the lower the transmission gear, the higher the engine RPM, the greater the drag, and the more obvious the braking effect.


4. Plateau environment

Due to the thinner air and low atmospheric pressure in plateau areas, the brake vacuum assist will be reduced. Therefore, more brake pedal force is required for braking in plateau areas. When braking is required, do not apply the brake pedal with cadence braking, but keep your foot on the brake

to ensure the brake efficiency and controlling the brake pedal force.

5. Ice and snow weather

Due to the low friction coefficient of the Ice and snow-covered road, the braking distance will be greatly extended during braking, and the braking distance will increase with the increase of the speed. Therefore, when driving in the Ice and snow-covered road, special attention should be paid to controlling the speed and maintaining a large safe distance with the front vehicle and the lateral vehicle.

 It is forbidden to coast in neutral gear when driving in ice and snow-covered road.


6. Rust on brake disc

If the vehicle is parked for a long time, the brake disc may corrode and the brake pad may become dirty. It is recommended that you drive at low speed and brake several times to clean the brake disc before driving.

7. Brake system failure

If you notice a sudden increase in braking distance or an increase in brake pedal travel, it is possible that the system

The system is faulty. If it is safe to do so, adjust your driving style and exert more force on the brake pedal during brake. Drive to the nearest dealership of BAIC Motor at a low speed.

 When the vehicle is completely out of brake, do not drive forcibly. At this time, pull over safely and contact the dealership of BAIC Motor for rescue.

8. Brake overheating

Do not "slip" the brake by placing your foot on the brake pedal when brake is not required. This will result in brake overheating, reduced brake efficiency, extended braking distance, and increased wear on the brake pad and brake disc.


Brake wear indicator*

The brake pad is equipped with an audible wear indicator. If you hear a harsh squeal or scraping sound when pressing the brake pedal in driving (which is different from brake squeezing usually caused by the dust on the brake during slight braking), it means the brake pad should be replaced.

Hydraulic brake system

The hydraulic brake system transmits fluid pressure to the brake through a double circuit. If one circuit fails, the other circuit will continue to work. In this case, drive at a low speed to the nearest dealership of BAIC Motor for inspection and repair if it is safe to do so. In this case, the brake requires more force to be applied to the pedal.


Indicator light of brake system failure

If the brake system failure indicator light  comes on during driving, it indicates that the brake system is faulty and the brake fluid level shall be checked. If the brake fluid level is normal, it indicates that there are other faults in the brake system. In this case, under the premise of ensuring safety, pull over immediately and contact the dealership of BAIC Motor for inspection and repair.

ABS anti-lock braking system

The ABS brake anti-lock system prevents the wheels from locking when braking. The system helps the driver to control the direction of the vehicle and reduce the sideslip when braking on a slippery road.

ABS indicator light


If the ABS indicator light  comes on during driving, it indicates that the ABS system is faulty. In this case, the vehicle shall be driven at a low speed to the nearest dealership of BAIC Motor for inspection and repair.


Working mode of ABS anti-lock braking system


When the ABS system works, you can feel the brake pedal shaking and hear the sound of "click", which is normal and does not indicate malfunction.

When emergency brake, do not release the brake pedal until the vehicle has stopped or is out of danger (this is very important!) Do not step on the brake pedal repeatedly, otherwise the ABS will stop working and braking distance may increase.

If the road is slippery, even if you press the brake pedal lightly, the ABS system is activated. This allows the driver to learn the characteristics of the road by braking and then adjust its driving style.

 In order to obtain the shortest braking distance and brake stability, press the brake pedal with as much force as possible.

 After a failure occurs in the ABS system, the normal brake system of the vehicle can still work normally, but without the wheel anti-lock function. In some cases, the braking distance may lengthen relatively.

 The Anti-lock Brake System (ABS) has some limitations. Forming a good driving habit is the basic guarantee of safe driving, do not take it lightly because of the ABS system.

EBD electric brake force distribution system

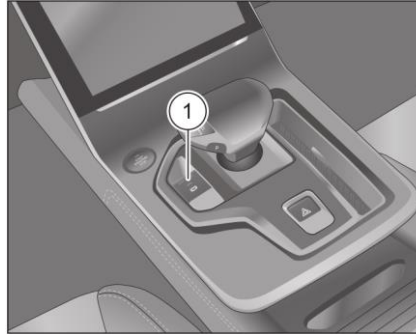
The EBD electric brakeforce distribution system automatically adjusts the braking force distribution ratio between front and rear axles to improve the brake efficiency, shortens the braking distance to a certain extent, and improves the brake stability with ABS.

Slope start assistance*

When the vehicle is on a hill, the HAC function can prevent the vehicle from backsliding when the driver releases the brake pedal by delaying the release of the pipeline pressure in the brake system. The driver has 1.5 seconds to move the foot from the brake pedal to the accelerator pedal and start. If the vehicle side slips during the assistant work in the hill-start, the brake pipeline pressure will be immediately released to keep the vehicle under control.

Electrical park brake (EPB)

Manual release or application of EPB



When the Keyless Start/Stop button is in the "RUN" mode and the parking is clamped, step on the brake pedal and press down the EPB switch **(P)** to release the EPB. At this time, the EPB switch indicator light **①** goes out, and the parking brake indicator light on the instrument cluster

Extinguish.

After the vehicle has stopped and the Keyless Start/Stop button is in the "RUN" mode, the parking is released, pull up the EPB switch **(P)** to apply the EPB. At this time, the EPB switch indicator **①** goes on and the parking brake indicator light on the instrument cluster goes on.

Release or apply EPB automatically

The Keyless Start/Stop button is in the "RUN" mode, the parking is in clamped state, fasten the driver's seat belt, close all doors, the gear position is in "D" position or "R" position (without operating the EPB switch), step on the accelerator pedal, you can release the EPB brake automatically. At this time, the EPB switch indicator light **①** goes out, and the parking brake indicator light on the instrument cluster

After the vehicle has stopped, the vehicle can automatically apply parking brake when the Keyless Start/Stop button is switched to "OFF" mode. At this time, the EPB switch indicator **①** goes on and the parking brake indicator light on the instrument cluster goes on.

Auto vehicle hold (AVH)



The AUTOHOLD can be turned on/off through the automatic parking switch located in the infotainment screen.

The AVH automatic parking system helps the vehicle maintain its stationary state in any stationary situation. The driver does not have to keep the vehicle stationary, but always presses on the brake pedal.

Standby

The Keyless Start/Stop button is in the "RUN" mode. Close all the doors, fasten the driver's seat belt, press the automatic parking switch, and the AUTOHOLD is on.

Execution

In AVH standby mode, the gear position is in the "D" gear, press the brake pedal during driving, after the vehicle is stopped, the AVH will enter the execution state, automatically maintain the parking brake state. At this time, the automatic parking indicator light (A) on the instrument cluster goes on.

Automatic release

When AVH is in executive state, and the gear position is in the "D" gear or "R" gear, press the accelerator pedal, the AVH automatic is automatically released, which automatically releases the parking brake. The automatic parking indicator light (A) on the instrument cluster goes out.

⚠ When in the parking brake state, do not step on the accelerator pedal quickly, otherwise the life of the EPB will be shortened.

⚠ The EPB automatic release function will reduce the life of the parking system. It is recommended to use it only for slope starting.

⚠ The parking brake shall be applied before the gear is shifted to "P" position.


⚠ Make sure the driver's seat belt has been fastened and the doors are closed, otherwise the EPB automatic release function will not work.

⚠ If you press down the AUTOHOLD switch without stepping on the brake pedal, the parking brake will not be released. The instrument cluster display prompts "Press the brakes to release the EPB".

⚠ In some special cases, if the EPB is not needed for parking, the AUTOHOLD switch can be pushed down before turning off the Start/Stop button, and the power supply of the whole vehicle can be turned off for more than 3 seconds, so the vehicle will not perform the parking brake.


Hill descent control system (HDC)


Hill descent control (HDC) system helps the driver to brake the vehicle actively during downhill conditions (up to 50% gradient) to ensure that the driver can drive safely downhill at a constant speed.


 The HDC function defaults to the off state. After the vehicle restarts, if you want to turn on HDC function, you need to press the HDC switch.


On/Off



When the speed is less than or equal to 35 km/h, press the hill descent switch and the HDC enters standby mode. The HDC switch indicator light  is on, and the green indicator lamp on the instrument is on.

In HDC standby mode, when the gear position is in forward gear and the vehicle is downhill (with the front of the vehicle facing downwards), the vehicle can maintain its current speed ($8 \text{ km/h} \leq \text{speed} \leq 35 \text{ km/h}$) downhill without the need for the driver to apply brakes or accelerate. The green indicator light  on the instrument flashes. The driver can change its speed by applying brake or accelerating.

Under HDC standby mode, when the speed is greater than or equal to 60 km/h, the HDC function will be automatically turned off, and the green indicator light  on the instrument and the indicator light on the HDC switch will go out.

When the driver press the HDC switch again, the HDC will be turned off. The green indicator light  on the instrument and the indicator light on the HDC switch will go out.

Hydraulic brake assist

In response to fast but underpowered brake pedal input, the brake line pressure is increased through ESP active boosting. The braking distance is shortened as the brake pressure is increased to the level of ABS intervention. This function can be triggered in any driving state and mode.

Hydraulic brake assist

When the ESP controller detects insufficient vacuum through the vacuum sensor (e.g., high altitude, cold engine start), the ESP controller will actively increase the brake line pressure through the drive motor to compensate for the temporary vacuum shortage.

When the hydraulic brake assist function intervenes, you may feel the brake pedal shakes and hear a "click" sound at the same time, which is a normal phenomenon.

ESP electronic stability program system

The electronic stability system (ESP) can improve stability of the vehicle. For example, when accelerating and driving in curves, it reduces the risk of vehicle side slips.


The ESP system integrates anti-lock braking system (ABS), electronic brakeforce distribution system (EBD), emergency brake assist system (EBA) and traction control system (TCS).


ESP will only work when the engine is running.

In special cases, the ESP function shall be deactivated, for example:

- When the vehicle is running with tire chain.
- When the vehicle is running on deep snow or soft road.
- When the vehicle is stuck in the muddy road and needs to move forward and backward.

ESP indicator light





If the ESP indicator light  flashes during driving, it indicates that the ESP system is currently stabilizing.


If the ESP indicator light  stays on during driving, it indicates that the ESP system is faulty, and the vehicle should drive at a low speed to the nearest dealership of BAIC Motor for inspection and repair.

ESP function off



Each time the engine is started, the ESP function will be automatically turned on.

Press down the ESP off button  to turn off the ESP function, and the ESP off indicator light  on the instrument cluster will light up. Press the ESP OFF button  again to activate the ESP function, and the ESP OFF indicator light  on the instrument cluster will go out.

 The electronic stability system (ESP) has some limitations on the stability of the vehicle. Even if the vehicle is equipped with ESP, you should always adjust the driving style according to road conditions and traffic. This is especially important for driving on smooth and wet pavements. Do not take the risk of driving for stability of the vehicle that is improved by the system. Otherwise, there may be dangers for accidents!

Cruise control*

Automotive cruise control is a system that uses an electronic program to control the throttle to automatically keep the vehicle moving at a constant speed. When using the cruise control function on long expressway journeys, the driver does not have to press the accelerator pedal to keep the vehicle at the set speed, thus reducing driving fatigue and improving driving comfort.

Control conditions of the cruise control:

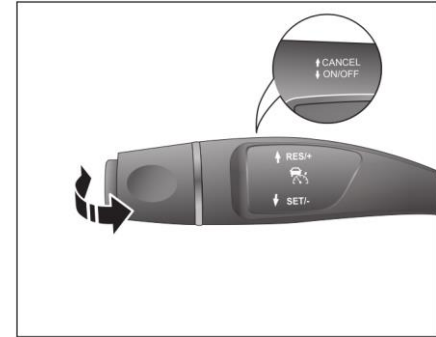
- The cruise control only works when the speed is between 40 km/h and 130 km/h. Otherwise, the vehicle cannot enter the cruise control.
- The gearshift handle is in "D" gear.
- Failure to meet any conditions that cause the cruise control to exit (e.g., pressing the brake pedal).
- Cruise control must be selected.

⚠ Do not use the cruise control in extreme weather (such as heavy fog, rain, snow, hail, etc.), slippery roads, steep slopes or bends, so as to avoid losing control of the vehicle and causing accidents.

⚠ The set cruising speed and distance from the vehicle in front must be adapted to the traffic conditions at that time. The cruise control is only a driving assistance system and should be used with caution.

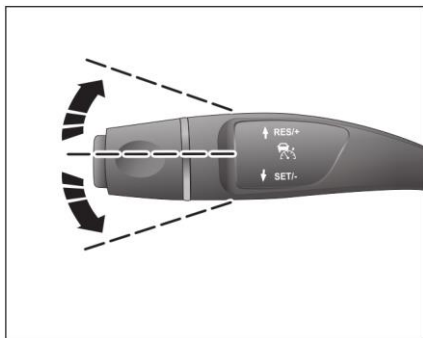
⚠ The cruise control shall be turned off in time after use.

Handle gear position of cruise control



CANCEL gear (pull the cruise control handle towards the turning wheel): Release the current cruise control;

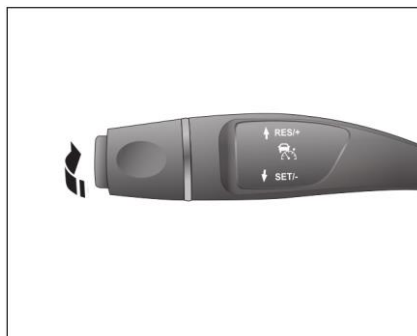
ON/OFF gear (push the cruise control handle outward from the vertical turning wheel): turn on or off the cruise control.





RES/+ gear (toggle the cruise control handle upward): reset the cruise control/increase the cruise control speed;

SET/- gear (toggle the cruise control handle downward): set the cruise control speed/decrease the cruise control speed.

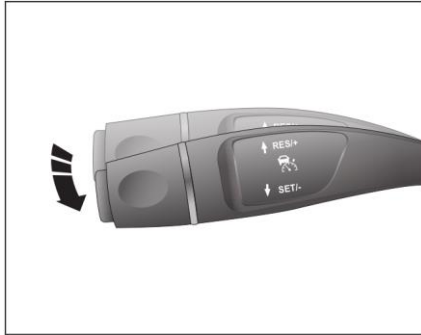
Start cruise control



1. Put the cruise control handle to ON/OFF gear (push the cruise control handle outward perpendicular to the turning wheel plane), the cruise control is turned on. The white cruise control indicator lamp  in the instrument cluster is on;
2. Increase the speed to the initial cruise control speed (not less than 40 km/h);

3. Put the cruise control handle to the SET/- gear (toggle down the cruise control handle), so that the vehicle will be set to cruise at the current speed. At this time, the green indicator light  of cruise control in the instrument cluster illuminates. If the speed memory is not cleared, put the cruise control handle to the RES/+ gear (toggle the cruise control handle upward), the cruise control at the last saved speed will be restored;
4. Release the accelerator pedal and the vehicle will enter the cruise control state.

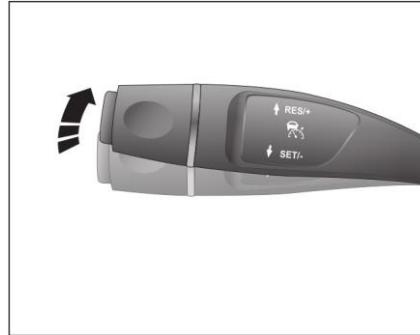
Decrease cruising speed



In constant speed cruise control, put the cruise control handle to SET/- gear to reduce cruising speed:

1. Put the cruise control handle to the SET/- gear (toggle the cruise control handle downward) and then release, the target speed is decreased by 5km/h;
2. Put the cruise control handle to the SET/- gear (toggle the cruise control handle downward) and hold it. The vehicle speed will continuously decrease to a value not lower than 40 km/h. Release the control handle, and cruise control will be realized at the newly set speed.

Raise the cruising speed



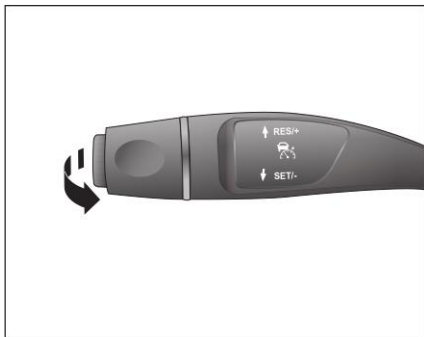
In cruise control, put the cruise control handle to RES/+ gear to improve cruising speed:


1. Put the cruise control handle to the RES/+ gear (toggle the cruise control handle upward) and then release, the target speed is increased by 5km/h;
2. Put the cruise control handle to the RES/+ gear (toggle the cruise control handle upward) and hold it. The vehicle speed continues to increase but cannot be higher than 130 km/h. Release the control handle, and the automatic cruise control will be achieved at the newly set speed.

Overtaking

When the overtaking is necessary, press the accelerator pedal and accelerate beyond the cruising speed (as you would overtake normally). After the accelerator pedal is released, the vehicle will gradually return to the previous set cruising speed.


Suspension of cruise control



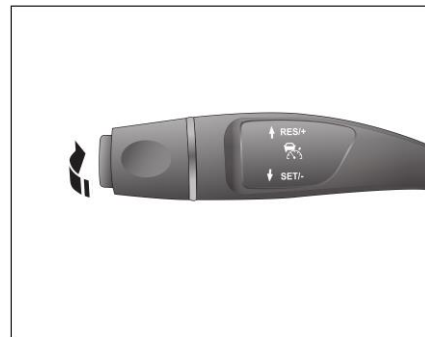
The following four operations will temporarily cancel the current cruise control, but the speed memory will not be cleared, and the white cruise control indicator light  in the instrument cluster will go on.


- Press the brake pedal.
- The transmission will shift the gear to N position.
- Put the cruise control handle to CANCEL gear (pull the cruise control handle towards the turning wheel plane).
- When ESP is working.

Recovery of cruise control

After the cruise control is temporarily released, when the speed is higher than 40 km/h, put the cruise control handle to RES/+ gear (toggle the cruise control handle upward), the instrument cluster green cruise indicator light  will go on, and the speed will return to the speed memory set last time and keep speed. Put the cruise control handle to SET/- gear (toggle the cruise control handle downward), and cruise control will be realized at the current speed.

Turn off the cruise control



In the state of turning on the cruise control function, put the cruise control handle to ON/OFF gear (push the cruise control handle outward in the vertical direction to the turning wheel surface) and exit the cruise control. At this time, the green cruise indicator light  of the instrument cluster goes out.

Active cruise control (ACC)*

The ACC function is to use millimeter-wave radar to detect the relative distance and speed between the vehicle ahead and this vehicle on the basis of traditional cruise control, and actively control the driving speed of the vehicle to achieve automatic following cruise control. Depending on whether there is a vehicle ahead, the system will automatically switch between cruise control and ACC.

With ACC, your vehicle can follow and cruise with the front vehicle within the range of 0-150km/h, and cruise at a constant speed within the range of 30-150km/h. You can also set the time gap between the subject vehicle and the front vehicle.

▲ Trailer will reduce the dynamic performance of the ACC system.

▲ ACC is not a safety system, obstacle detector, or collision warning system, but rather a comfort system. The driver must maintain control for the vehicle at all times and take full responsibility for the vehicle.

▲ ACC can assist in driver, but cannot replace driver for driving. Even if the ACC system is in the active state, the driver must drive carefully and obey the traffic rules.

▲ The ACC system may cause the vehicle to pull out automatically after a short vehicle stop. During this period, the driver must ensure that there are no obstacle or other traffic participants in front of the vehicle.

▲ Due to the complexity of real-time traffic, roads, weather, etc., sensor cannot guarantee correct detection in all conditions. Please turn off the ACC function and drive carefully in bad conditions.

▲ In environments with strong reflection of the magnetic waves generated by the millimeter-wave radar (such as multi-layer parking lots, tunnels, etc.), the performance of the sensor may be significantly reduced. Please cancel or turn off ACC.

▲ The driver needs to adjust the following distance according to the traffic ahead and the current weather conditions (such as rain, snow, etc.) and set the ACC system properly. The driver need to monitor the vehicle in real-time and ensure its safety.

▲ Do not use the ACC system under extreme weather conditions (such as heavy fog, rain, snow, hail, etc.), slippery roads, steep slopes or curves.

▲ ACC system is suitable for use on expressway and roads in good conditions. It is not suitable for use on complicated urban or mountainous roads.

▲ In some cases (too high relative speed of vehicle in front, too fast lane change, or too little safe distance, etc.), the system does not have enough time to reduce the relative speed. The driver needs to respond appropriately in this situation.

▲ When the camera is obstructed or malfunctioning, it can cause a certain degree of performance degradation of the ACC.

▲ The ACC system can exert the braking force of about 40% of the maximum braking capacity of the vehicle. After the ACC system is turned on, if the distance from the vehicle in front of you is too short, it will trigger a takeover request alarm, and the instrument cluster will send a continuous alarm. The driver must immediately take over the control of the vehicle and take collision avoidance measures to avoid danger.

⚠ The ACC system cannot issue an audible or visual warning in every situation. It is the driver's responsibility to keep a distance from the vehicle in front. The drivers shall maintain an appropriate distance based on environmental conditions.

⚠ When the ACC system is working, if the driver presses the accelerator pedal, the vehicle will be taken over by the driver. The distance control function of the ACC system will be inhibited.

⚠ ACC only works on vehicle traveling in the same direction ahead in the lane. It does not work on oncoming/crossing/stationary or slow-moving vehicle, and does not work on pedestrians, animals and other objects on the road.

⚠ If the ACC vehicle is too close to the vehicle in the adjacent lane (or if the vehicle in the adjacent lane is too close to the lane of the ACC vehicle), it is possible that the ACC system will react to the vehicle and brake.

⚠ Never use ACC system when driving on roadless areas or dirt roads. Only use ACC system on hard roads.

⚠ If the vehicle in front brakes suddenly (emergency stop), the ACC system may be unable to respond or react too slowly to the vehicle in front, resulting in a risk of late brake. In this case, the driver will not receive a takeover request.

⚠ The ACC system is subject to the limitations of sensor. The system may brake when unnecessary, or not when necessary. Therefore, it is the responsibility of the driver to take the initiative to apply the brake in case of immediate brake.

⚠ For safety reasons, do not activate the ACC system when ESP function is not turned on.

⚠ The sensor is mounted in the front area of the vehicle. It must be noticed that the view of the sensor should not be obstructed or stained, otherwise the performance of the sensor would be interrupted. Especially when the snow completely overwrites the sensor, it causes the system to exit. The system will pass the system exit message to the driver via the instrument.

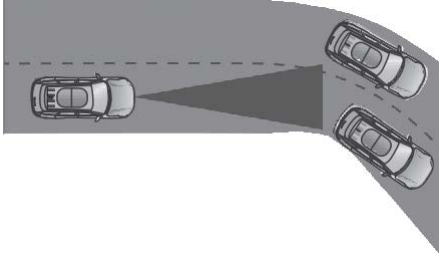
⚠ In the process of theme switching, the instrument interface cannot display the state of ACC system and relevant alarm information. Please keep observing the vehicle and road conditions and take over the control of the vehicle in time if necessary.

⚠ When the sun is bright or the driver wears sunglasses, it may be difficult to read the message on the instrument. It may be difficult to hear the warning sound from the instrument when opening the windows, driving at high speeds, or when the sound of the in car entertainment system is too loud. The driver needs to always pay attention to the vehicle driving state and road conditions, timely take over the control of the vehicle.

⚠ When the ACC is activated, the instrument shows the vehicle of the vehicle in front and adjacent lanes, which may be different from the actual situation. You must keep a real-time view of the vehicle and the real one, and take full responsibility for driving safely.

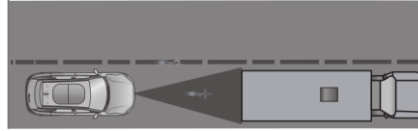
Problems of detection

The sensor may not be able to detect the target vehicle or may detect it later in the following situations:



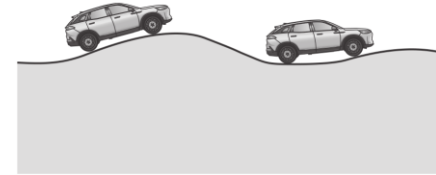
1. Driving on a curve

When the vehicle is driving through a curve, the sensor may not be able to detect the vehicle in front of its lane or the vehicle of the adjacent lane.



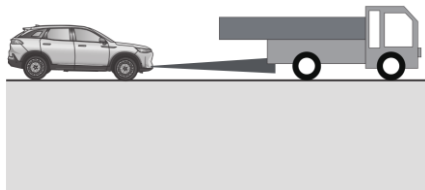
2. Narrow vehicles ahead

The sensor may not be able to detect narrow vehicles such as motorcycles and bicycles.



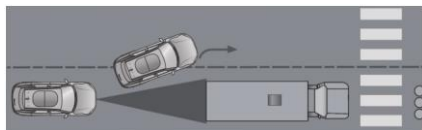
3. Slope

When the vehicle enters the slope, the sensor may not be able to detect the vehicle ahead.



4. Vehicles with special loads/equipment

The sensor cannot detect items or accessories loaded on the vehicle ahead beyond its body sides, rear ends, or roof. If the vehicle in front is equipped with the above-mentioned special articles or accessories, the driver shall be alert when such vehicle are exceeded. If necessary, emergency measures shall be taken and ACC function shall be temporarily turned off.



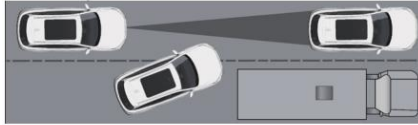
5. Stationary vehicle ahead

The sensor cannot recognize the stationary vehicle ahead.



6. Drive through the tunnel

The sensor does not work properly when the vehicle is driving in the tunnel, so the vehicle must not use this function when driving in the tunnel.



7. Other vehicles change lanes

When the vehicle in an adjacent lane merges into your lane, the sensor may not be able to detect it if it does not enter the front detection range, causing the ACC to lag.

i The above examples do not cover all the conditions that affect the normal operation of ACC. Please drive carefully at all times.

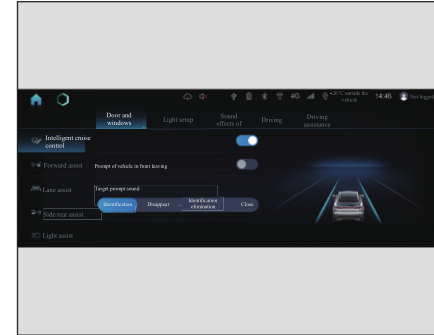
👁 The trailer might degrade the dynamic performance of the ACC. Structural retrofitted vehicle (such as reducing ground clearance, changing the front license plate of the vehicle, etc.) may reduce ACC performance, or even make ACC unusable.

i During the work of ACC, the system brake probably makes noises. This phenomenon is normal, please rest assured.


👁 ACC system will start brake during operation when brake is not needed or when you do not intend to brake. This may be caused by the detection of vehicle or objects in the adjacent lane, especially on curves.

👁 The ACC function cannot cover all driving scenarios and traffic, weather and road conditions. Even if the ACC is in active state, the driver must drive carefully and obey traffic rules. The driver must always maintain control of the vehicle and take full responsibility for the vehicle.

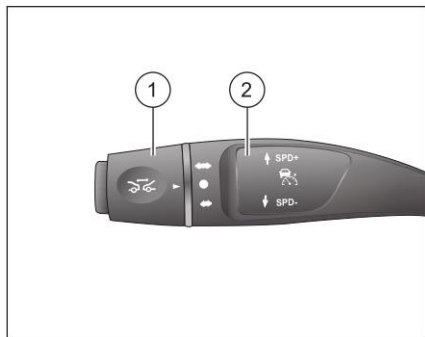
System setup



Users can turn on or off the intelligent cruise control assist function (including ACC) through the infotainment screen, and select the preceding departure prompt and target prompt sound.

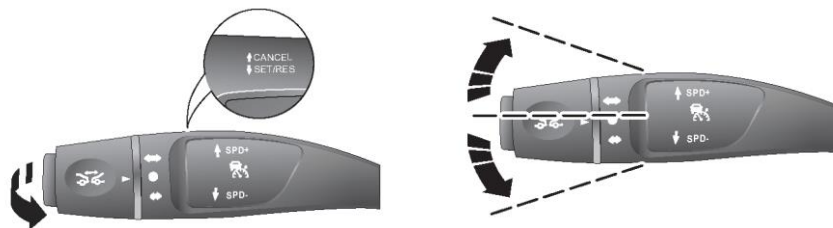
When the IACC is turned on in the center console display, the white ACC indicator lamp  in the instrument cluster goes on, and the ACC enters standby mode.

Cruise control handle



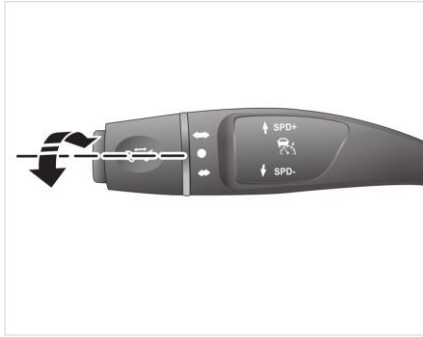
- ① Cruise control knob
- ② Cruise control handle



ACC handle gear



SET/RES gear (pull the ACC handle towards the turning wheel plane): Activate/resume ACC;
CANCEL gear (push the ACC handle outward perpendicular to the turning wheel plane): Exit ACC.

SPD+ gear (toggle the ACC handle upward): increase the cruising speed;
SPD- gear (toggle the ACC handle downward): decrease the cruising speed.



DIST+ gear (turn upward the ACC knob ① to align  with the  position): increase the following distance;


DIST- gear (turn the ACC control knob ① downward to align  with the  position): decrease the following distance.

ACC system activation conditions

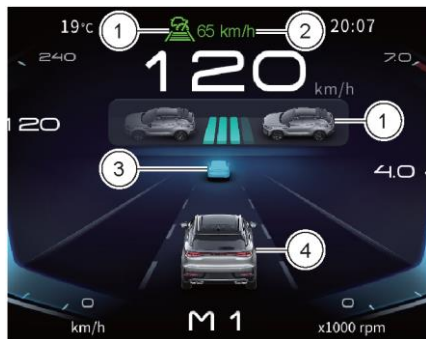
To activate ACC, the following conditions must be met at the same time (not limited to the following):

- Turn on the smart cruise control assist function in the infotainment screen settings.
- The gear position is in D or S gear (ACC function cannot be used in M gear).
- The engine is in operating state.
- No EPB is applied.
- The brake pedal is not depressed.
- The ESP switch is not turned off.
- The vehicle runs stably and the EPB system is not involved.
- The brake temperature is not too hot due to frequent brake.
- The driver door and the engine compartment hood are not open.
- The sensor is not obscured.
- The driver's seat belt is not unlatched.
- $0 \leq \text{One's own vehicle speed} \leq 150 \text{ km/h}$.

Activate ACC

When ACC is ON and the system meets the activation conditions, operating ACC handle ① to "SET/RES" or "SPD+" gear or "SPD-" gear can activate ACC. In this case, if the current speed is $\geq 30 \text{ km/h}$, the current speed will be set as target speed; If the current speed is $\leq 30 \text{ km/h}$, set 30 km/h as the target speed. At this time, the green ACC indicator light  in the instrument cluster lights up and the ACC is activated.

Opening interface



- ① Set vehicle following distance
- ② The set cruise control speed
- ③ Identified front vehicle
- ④ This vehicle

Increase target speed



After activating ACC, set the ACC handle to "SPD+" gear, and the cruising speed will increase by 5 km/h. Set the "SPD+" gear for the first time, and increase the target speed to the nearest multiple of 5 (e.g. 43 km/h).

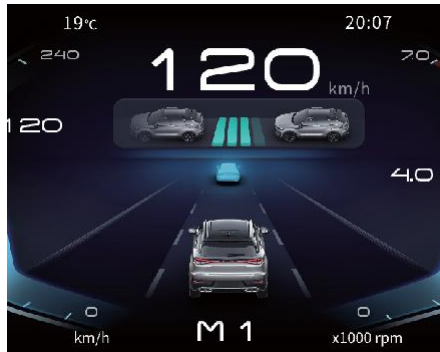
will be increased to 45 km/h); Press and hold the ACC handle to "SPD+" gear for 1s, and the target speed will increase by 1 km/h. The instrument displays updated target speed information in real time.

Reduce target speed



After activating ACC, turn the ACC handle to the "SPD-" gear to decrease the target speed by 5 km/h. Turn the "SPD-" gear for the first time to decrease the target speed to the nearest multiple of 5 (for example, 43 km/h will be decreased to 40 km/h). Press and hold the ACC handle to "SPD-" gear for 1s, the target speed will be decreased by 1 km/h. The instrument displays updated target speed information in real time.

Headway adjustment



In the ACC activation state, turn the ACC control knob to "DIST+" or "DIST-" to adjust the headway between the vehicle and the front vehicle. Setup of the headway is provided with four gear positions.

1.0 s, 1.5 s, 1.9 s, and 2.3 s respectively. The default headway is 1.9 s each time when the start switch is turned on.

Overtaking

When the ACC is in the activation state and the driver actively presses the accelerator pedal to accelerate, the system is in the driver's active acceleration state. After releasing the accelerator pedal, the ACC automatically resumes control. If the speed is greater than

150 km/h or the driver continuously steps on the accelerator pedal for more than

15 minutes, the system exits, if you continue to use ACC, it needs to be reactivated.

i When ACC is in overtaking state, the driver will take over the vehicle control, and ACC distance control function and speed control function will not be activated.

Exit ACC

At the ACC activation state, ACC will exit when one of the following conditions is satisfied:

- Turn off the intelligent cruise assist function in the infotainment screen settings.
- The vehicle-following stops for more than 10 minutes.
- Set the ACC handle to the CANCEL gear.
- The vehicle slips backward after car-following stops.
- The driver accelerates by continuously stepping on the accelerator pedal for more than 15 minutes.
- ABS, ESP, etc. are activated.
- Other activation conditions are not satisfied.

Restore ACC



After ACC exits, put the ACC handle to SET/RES gear (pull the ACC handle towards the turning wheel) to reactivate ACC according to the target speed previously set.

Vehicle follow-up stop/start

The ACC system can control the vehicle to stop following the vehicle ahead under normal driving conditions. If the parking time is within 3 seconds, the vehicle can automatically follow the vehicle ahead to start.

If the vehicle stops within 10 minutes, the driver needs to press the accelerator pedal or reactivate ACC by operating the ACC cruise control handle to "SET/RES".

If the vehicle stops for more than 10 minutes, the ACC system will enter the standby state with the EPB function started.

After the ACC controls the vehicle to stop, the EPB will automatically start and ACC will exit if the following conditions occur:

- Stop for more than 10 minutes.
- The driver door is opened.
- Unlock the driver side seat belt.
- Switch the Start/Stop button to "OFF" mode.

- The engine compartment hood is open.
- Turn off the ESP function.
- The gear position is not in D or S gear.

Active acceleration/deceleration during the use of ACC

When ACC is in the activation state, press the accelerator pedal so that the vehicle accelerates continuously. On obtaining the desired speed, release the accelerator pedal. If the speed is greater than 150 km/h or the time for constantly pressing the accelerator pedal lasts for more than 15 minutes, the system will enter the standby state when ACC should be reactivated.

When ACC is in the activation state, step on the brake pedal, the vehicle continues to decelerate, ACC system will automatically enter the standby state, release the brake pedal, need to reactivate ACC.

i When the driver presses the accelerator pedal for initiative speeding, the vehicle will be taken over by the driver, and the ACC distance control function will not be activated.

Fault handling

When the system detects a fault, the cruise control state indicator light on the instrument will turn yellow, and the instrument will prompt accordingly.

The sensor is obscured

Please clean the sensor surface. If the fault still cannot be eliminated automatically for a long time after cleaning, please go to an authorized service center of BAIC Motor for handling.

Function limited

If the fault occurs, and the fault reminder cannot be eliminated automatically for a long time, and the fault still exists after restarting the vehicle, please go to an authorized service center of BAIC Motor for inspection and repair.


Please be sure to go to the authorized service outlets of BAIC Motor for professional calibration of the sensor at any of the following conditions:


- Remove or reinstall the sensor and the front collision cross member.
- Unstable fixing or abnormal position of the sensor caused by external forces.
- The vehicle has experienced a collision.


- ACC performance degradation (e.g., abnormally short distances to targets or frequent misidentification of vehicles in the next lane, etc.)
- Abnormal PAB function (such as frequent false alarms or brake, etc.).


LDWS (LDW)*


The Lane Departure Warning System (LDWS) detects lane markings through the camera. When it detects that a driver deviates from the lane and has no intention to change lanes, it sends out visual and audible alarm to warn the driver that the vehicle is deviating from the lane. Please drive carefully.

 This function is only used as an auxiliary warning and cannot replace the control of driver.

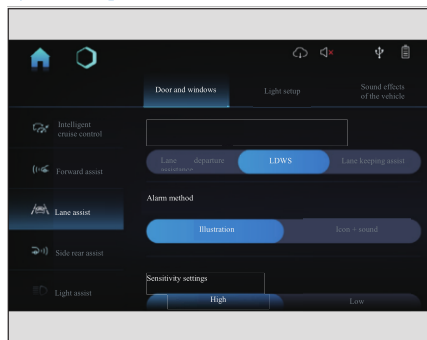
 When a system fault is indicated, please contact with the authorized dealer of BAIC BJEV for inspection.

 In case of road construction, water accumulation, cracks or unclear markings, this function will give false alarms and missed alarms. Please drive carefully.

 When the camera is covered by rain, mud, ice and snow, etc., this function may give false alarms and missed alarms. Please drive carefully and keep the camera area clean.

 In case of night, rain, snow, fog, shadow and other environments, this function may false alarms or miss alarm. Please driver to drive carefully.

System setup




The user can select the alarm method and alarm sensitivity of the LDWS function through the infotainment screen.

 Some models only have LDWS.

Startup and shutdown



The lane departure or lane assist switch are located in the infotainment screen and can be activated or deactivated by touching the switch. When the system is turned on, the instrument cluster LDWS indicator light  will illuminate.

When the vehicle has started, the LDWS switch is in the ON state, and the vehicle speed is higher than 60 km/h, the LDW function is activated.

When LDW is active, it exits when one of the following conditions is met:

- The speed is less than 55 km/h or the speed is greater than 180 km/h.
- ABS or ESP function is activated.
- Press the lane assist or lane departure switch button.
- The lane is too wide or narrow.

i When the vehicle is in exposed to backlight or glare states, the LDWS function may exit for a short time, or there may be false alarms or missing alarms. After a period of time, the LDWS will resume automatically. Please drive carefully.

Display interface



The display state of lane marking identification and system interface are as follows:

- The lane marking is gray when it is not identified.
- The lane marking is white when it is identified and the vehicle is not deviated.
- The lane marking is red when it is identified and the vehicle deviates.

LDW sensitivity

LDW sensitivity refers to the trigger frequency of the LDW alarm. With high sensitivity, conditions for alarm suppression are fewer; with low sensitivity, there are more.

High sensitivity suppression conditions:


- The turning indicator light is turned on when the vehicle deviates.
- Turn on the emergency alarm light.
- ESP or ABS intervene.
- Crossing lane marking quickly and continuously.
- Driving on the line.
- Merger.
- Forced brake.


Suppression conditions of low sensitivity:


- All high sensitivity suppression conditions.
- Sharp turning (excessive turning rate).
- Press the accelerator sharply.


LKAS (LKS)*

The LKAS (LKS) detects lane marking by camera. When it detects lane marking on either side, the system applies turning intervention and assists the driver to keep the vehicle in the center of the lane. This function is only auxiliary and cannot replace the driver's control.

 This function is only auxiliary and cannot replace driver control. When using this function, the driver shall always concentrate on the turning wheel with his hands on the wheel and be ready to make turning corrections or take over the vehicle, otherwise injury or death to persons or property may result.

 When the camera cannot detect the lane marking ahead due to road construction, water accumulation, cracks or unclear markings, this function will not work. Please drive carefully.

 This function will not work when the camera is covered by rain, snow, mud, ice, etc. Please drive carefully and keep the camera area clean.

 In case of night, rain, snow, fog, shadow, etc., this function may malfunction or not work. Please drive carefully.

When the lanes are increased or merged, this function may work incorrectly or not work. Please drive carefully.

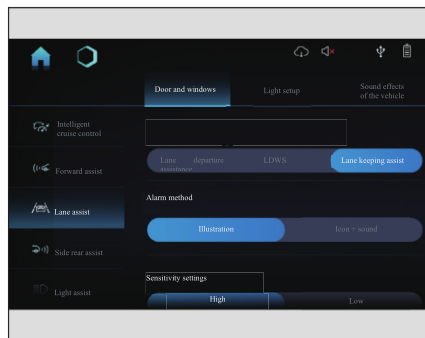
When a system fault is indicated, please contact with the authorized dealer of BAIC BJEV for inspection.

In case of intersection or traffic jam, this function may work incorrectly or not. Please drive carefully.

When the vehicle tire pressure is too high or too low, but does not reach the alarm state, it may cause the functionality of LKS to be unavailable or the performance to be decreased.

When the components and parts related to the vehicle control are not original matching parts or have been retrofitted, the functional unavailability or performance degradation of the LKS may occur.


System setup



Users can select the alarm method and alarm sensitivity of the lane keeping assist function through infotainment screen.

Startup and shutdown



The lane assist switch is located on the vehicle control screen and can be turned on or off by touching the switch. When the system is turned on, the lane keeping assist indicator light  on the instrument cluster will be on.

When the vehicle is started, the LKS switch is in the ON state, and when the vehicle speed is higher than 60 km/h, the LKS function is activated.

When LKS is active, it exits when one of the following conditions is met:

- The speed is less than 55 km/h or the speed is greater than 180 km/h.
- ABS or ESP function is activated.
- Press the lane assistance switch button.
- The lane is too wide or narrow.

i When the vehicle is in backlight, glare, etc., Lane Assist may exit for a short time, or false alarm or missing alarm may occur. After a period of time, the system will automatically recover. Please drive carefully.

Display interface



The display state of lane marking identification and system interface are as follows:

- The lane marking is gray when it is not identified.
- The lane marking is white when it is identified and the vehicle is not deviated.
- The lane marking is red when it is identified and the vehicle deviates.
- When the lane marking is identified and turning intervention functions, the lane marking is blue.

LKS sensitivity

LKS sensitivity refers to the frequency at which LKS alarms are triggered. At high sensitivity, there are fewer alarm suppression conditions and at low sensitivity, there are more alarm suppression conditions.

High sensitivity suppression conditions:

- The turning indicator light is turned on when the vehicle deviates.
- Turn on the emergency alarm light.
- ESP or ABS intervene.
- Crossing lane marking quickly and continuously.
- Driving on the line.
- Merger.
- Forced brake.

Suppression conditions of low sensitivity:

- All high sensitivity suppression conditions.
- Sharp turning (excessive turning rate).
- Press the accelerator sharply.

Road departure assist system (RDP)*

The Road Departure Assist System (RDP) detects lane marking by camera. When it detects that the vehicle is about to deviate from its lane and the driver has no intention of changing lanes, the system applies turning intervention to keep the vehicle in its lane. If the vehicle continues to deviate from the lane marking, the LDWS is triggered at the same time.

👁️ This function is only auxiliary and cannot replace driver control. When using this function, the driver shall always concentrate on the turning wheel with his hands on the wheel and be ready to make turning corrections or take over the vehicle, otherwise injury or death to persons or property may result.

👁️ This function will not work when the camera is covered by rain, snow, mud, ice, etc. Please drive carefully and keep the camera area clean.

👁️ When the camera cannot detect the lane marking ahead due to road construction, water accumulation, cracks or unclear markings, this function will not work. Please drive carefully.

👁️ In case of night, rain, snow, fog, shadow, etc., this function may malfunction or not work. Please drive carefully.

👁️ When the lanes are increased or merged, this function may work incorrectly or not work. Please drive carefully.

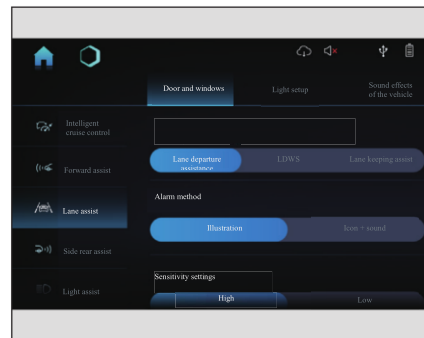
👁️ In case of intersection or traffic jam, this function may work incorrectly or not. Please drive carefully.

👁️ When a system fault is indicated, please contact with the authorized dealer of BAIC BJEV for inspection.

👁️ When the vehicle tire pressure is too high or too low, but does not reach the alarm state, it may cause the functionality of RDP to be unavailable or the performance to be decreased.

👁️ When the components and parts related to the vehicle control are not original matching parts or have been retrofitted, the functional unavailability or performance degradation of the RDP may occur.


System setup



Users can select the alarm method and alarm sensitivity of the LDA function through the infotainment screen.

Startup and shutdown



The lane assist switch is located on the vehicle control screen and can be touched to activate or deactivate the RDP. When the system is turned on, the instrument cluster lane departure assist indicator light  goes on.

When the vehicle is started, the RDP switch is in the ON state, and the vehicle speed is higher than 60 km/h, the RDP function is activated.

Display interface



The display state of lane marking identification and system interface are as follows:

- The lane marking is gray when it is not identified.
- The lane marking is white when it is identified and the vehicle is not deviates.
- The lane marking is red when it is identified and the vehicle deviates.
- When the lane marking is identified and turning intervention functions, the lane marking is blue.

When RDP is active, it exits when one of the following conditions is met:

- The speed is less than 55 km/h or the speed is greater than 180 km/h.
- ABS or ESP function is activated.
- Press the lane assistance switch button.
- The lane is too wide or narrow.

i When the vehicle is exposed to backlight or glare and other environmental state, the road departure assistance function may exit for a short time, or false alarms or missing alarm may occur. After a period of time, the system will recover automatically. Please driver to drive carefully.

RDP sensitivity

RDP sensitivity refers to the frequency at which an RDP alarm is triggered. At high sensitivity, there are fewer alarm suppression conditions and at low sensitivity, there are more alarm suppression conditions.

High sensitivity suppression conditions:

- The turning indicator light is turned on when the vehicle deviates.
- Turn on the emergency alarm light.
- ESP or ABS intervene.
- Crossing lane marking quickly and continuously.
- Driving on the line.
- Merger.
- Forced brake.

Suppression conditions of low sensitivity:

- All high sensitivity suppression conditions.
- Sharp turning (excessive turning rate).
- Press the accelerator sharply.

IACC*


Please read and familiarize yourself with all of this chapter before using IACC.


The Intelligent Adaptive Cruise Control (IACC) provides longitudinal and lateral assistance to the driver at full speed range.


Longitudinal assistance is realized by ACC, which controls the vehicle to follow the front vehicle within the speed range of 0~150 km/h, and cruise at a constant speed within the range of 30~150 km/h, or set the time gap between the subject vehicle and the front vehicle.


The working speed of IACC ranges from 0 to 150 km/h. IACC prioritizes turning assist control by identifying clear lane marking on both sides of the lane. At this time, IACC is in lane marking control mode. The instrument IACC icon is shown in green and the lane marking is shown in blue.

When the speed is lower than 60 km/h. If the lane marking is unidentified, you may also drive by following the identified preceding vehicles. At this time, the IACC is in the vehicle following control mode, when the instrument IACC icon is shown in green and the preceding vehicle is shown in blue.

 IACC cannot cover all driving scenarios and traffic, weather and road conditions. Even when the system is activated, the driver must drive carefully and obey the rules of the road. The driver must maintain control of the vehicle at all times and take full responsibility for the vehicle.

 The IACC is a driving assist function, and there are many limited exit cases. Therefore, the driver shall always hold the turning wheel in hand, and the driver is not allowed to drive without his hands.

 IACC is not a collision avoidance system. In case of emergency, the driver should intervene in time.


 IACC may incorrectly detect lane marking or fail to detect lane marking, or may incorrectly detect targets ahead or fail to detect targets ahead. Although the system is turned on under the following conditions, it may not work:


- Poor camera vision, such as rain, snow, fog and other bad weathers;
- The windshield window is foggy, dirty or the front of the camera is blocked;
- The camera is too hot;
- Camera dazzling and self-dazzling caused by direct sunlight, oncoming traffic and ponding on the road;
- Sudden changes in environmental brightness, such as access to tunnel;
- The system finds that for a period of time the driver has not


Operate turning wheel;

- The lane marking is damaged, illegible, or invisible, or the lane marking is not easily distinguishable from the road color, or the lane marking is covered with dirt, snow, etc.
- Sudden increase or decrease in the number of lanes;
- Barrier strips or other objects on both sides of the road cast shadows on the lane marking;
- The markings on the left and right sides of the lane for the moving vehicle should not exceed two;
- Marking changes in a short time, such as ramps and expressway exits;
- Running on a curve with too small radius of curvature;
- The lane width is too wide or too narrow;
- Vehicle lane change;
- ABS and ESP activation;
- Too high vehicle yaw rate;
- The driver gets involved when the system is working;


- The driver turns on the hazard warning light;
- Activation of APA system;
- The driver's accelerator pedal rate or turning wheel angular rate is too high or the brake pedal is pressed.

 The longitudinal control of IACC system shall be based on ACC, and the ACC content shall be referred to for limited operating conditions.

 During the work of IACC, the system brake probably makes noises. This phenomenon is normal, please rest assured.


 System can cause brake while running when brake is not needed or when you do not intend to brake. This may be caused by the detection of vehicle or objects in the adjacent lane, especially on curves.

Safe operation indication

 The IACC feature is not recommended in the following cases:

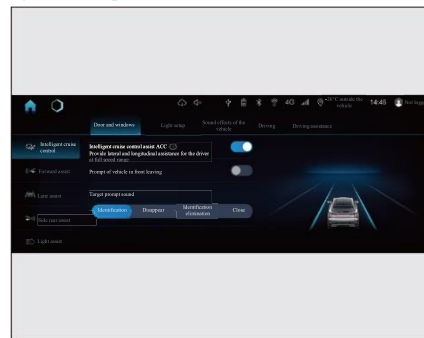
- Worn and missing lane marking;
- Unclear lane markings, such as crossing or converging;
- Low visibility and harsh weather conditions, such as backlighting, sunset, rain, sleet, foggy, slippery and waterlogged roads;
- Edges such as curbs, joints, shadows or obstacle near the driveway;
- Intense driving vehicle on unpaved roads;
- Driving in complicated traffic environments such as urban areas, intersections, construction sites, and in situations such as mountainous roads, undulating roads, expressway entrances and exits, etc.
- Strong magnetic fields will interfere with the response of the EPS (EPS). Do not place objects with strong magnetic properties near EPS. When the vehicle is in strong magnetic environment for a long time (such as power plants and other places with high voltage electromagnetic radiation), please pay attention to the EPS turning assist function of the vehicle. If there is any abnormality, do not use IACC, and go to the authorized service outlet of BAIC Motor immediately for inspection and repair.

- When the trailer is vehicle.



 The control function or performance of the IACC system may not be guaranteed under the following circumstances:

- Vehicle overload;
- When the vehicle tire pressure is too high or too low, but not necessarily conforms to the alarm state;
- The road is bumpy and uneven;
- There is strong crosswind;
- Sharp turn or narrow road;
- The components and parts related to vehicle control are not original matching parts or have been retrofitted.

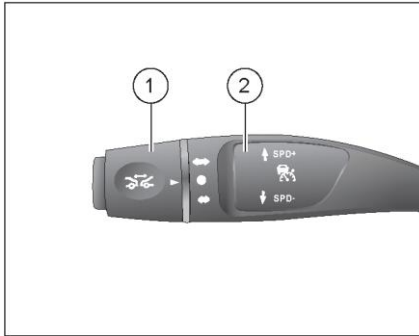
System setup



Users can turn on or off the intelligent cruise control assist function (including ACC) through the infotainment screen, and select the preceding departure prompt and target prompt sound.

When the IACC is turned on in the infotainment screen, the cruise control indicator light  and  in the instrument cluster goes on, and the IACC will enter the standby state.

Cruise control handle



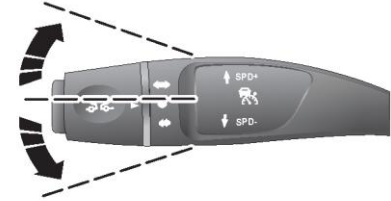
- ① Cruise control knob
- ② Cruise control handle

Cruise control handle gear position



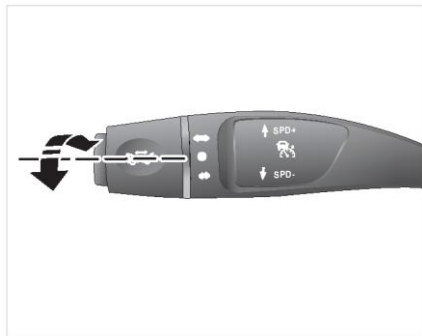
SET/RES gear (pull the ACC handle towards the turning wheel plane): Activate IACC/resume IACC;



CANCEL gear (push the ACC handle outward perpendicular to the turning wheel plane): Exit ACC.





SPD+ gear (toggle the ACC handle upward): increase the cruising speed;

SPD- gear (toggle the ACC handle downward): decrease the cruising speed.



DIST+ gear (turn upward the ACC knob ① to align  with the  position); increase the following distance;

DIST- gear (turn the ACC control knob ① downward to align  with the  position); decrease the following distance.



IACC system activation conditions

To activate IACC, the following conditions must be met at the same time (not limited to the following conditions):

- Turn on the smart cruise control assist function in the infotainment screen settings.
- The gear position is in the D or S gear.
- The engine is in operating state.
- No EPB is applied.
- The brake pedal is not depressed.
- The ESP switch is not turned off.
- The vehicle runs stably and the EPB system is not involved.
- The brake temperature is not too hot due to frequent brake.
- The driver door and the engine compartment hood are not open.
- The sensor is not obscured.
- The driver's seat belt is not unlatched.
- If the speed is lower than 60 km/h, the system must detect a lane marking or a target vehicle ahead.


- If the speed is greater than 60 km/h, the system must detect a lane marking.



Activate IACC

When the main cruise switch is ON and the system meets the activation conditions, first activate ACC by putting control handle ① to "SET/RES" or "SPD+" or "SPD-". At this time, if the current speed is ≥ 30 km/h, the current speed will be set to the target speed; If the current speed is less than or equal to 30 km/h, set 30 km/h as the target speed. The green ACC indicator light  in the instrument cluster goes on and the ACC is activated. Then toggle the "SET/RES" gear again to activate the IACC function. The green cruise indicator light  in the instrument cluster goes on and the IACC function is activated.

Display interface



① Indicates the IACC state. The indicator light  is green when both longitudinal control and lateral control are activated, and white when in standby mode.

② Indicates the longitudinal control ACC state, whether the preceding vehicle is detected, the set cruise control speed and following distance. When the ACC indicator light  goes on, it is white in standby state; The ACC indicator light  goes on when the preceding vehicle is detected; The number of horizontal lines below the indicator light represents the driver setting time gap gear position, i.e. 1st, 2nd, 3rd and 4th gear.

③ If the target vehicle identified by the system will be highlighted after it is identified. When the speed is less than 60 km/h and the lane marking is invisible, the IACC lateral function is controlled based on the target vehicle. At this time, the preceding vehicle is highlighted in blue.

④ Other target vehicles.

⑤ Lane marking. When the lane marking is visible, IACC is based on visual mode control, and the lane marking is highlighted in blue.

⑥ This vehicle.

Increase target speed



After activating IACC, toggle the cruise control handle to the "SPD+" gear, and the cruising speed will increase by 5 km/h (toggle the "SPD+" gear for the first time to first increase the target speed to the nearest multiple of 5 (for example, 43 km/h will increase to 45 km/h); Long press the cruise control handle to "SPD+" gear for 1 second, and the target speed will increase by 1 km/h. The instrument displays updated target speed information in real time.

Reduce target speed



After activating IACC, toggle the cruise control handle to the "SPD-" gear, and the target speed will be decreased by 5km/h (toggle to the "SPD-" gear for the first time, the target speed is firstly decreased to the nearest multiple of 5 (for example, 43km/h will be decreased to 40km/h); Long press the cruise control handle to "SPD-" gear for 1 second, and the target speed will decrease by 1 km/h. The instrument displays updated target speed information in real time.

Headway adjustment

In the IACC activation state, turn the cruise control knob to "DIST+" or "DIST-" to adjust the headway between the vehicle and the vehicle ahead. The headway setting has four gear position: 1.0 s, 1.5 s, 1.9 s, and 2.3 s respectively. The default headway is 1.9 s each time when the start switch is turned on.

Exit the IACC

After IACC is activated, IACC will exit if any of the following conditions are met:

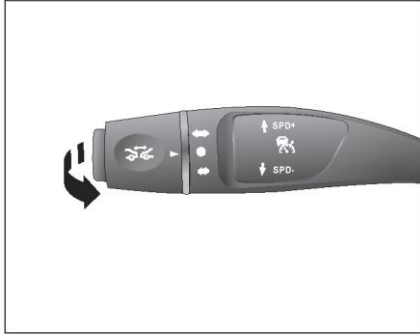
- Turn off the intelligent cruise assist function in the infotainment screen settings.
- The vehicle-following stops for more than 10 minutes.
- Set the cruise control handle to the CANCEL gear.
- The driver accelerates by continuously stepping on the accelerator pedal for more than 15 minutes.
- ABS, ESP, etc. are activated.

- The hand-off operation of the driver exceeds 25 s.
- Activation of APA system.
- Other activation conditions are not satisfied.

In the IACC activation state, exit the lateral control and switch to ACC control if one of the following conditions is satisfied:

- At least one side of the lane marking is not detected when the speed is greater than 60 km/h.
- Speed less than 60 km/h, no forward guiding vehicle or at least one side of the lane marking is not detected.

Recover IACC



After IACC exits to ACC, put the cruise control handle to SET / RES gear (pull the cruise control handle toward the surface of the turning wheel), and reactivate IACC according to the previously set target speed; After IACC exits completely, switch the cruise control handle to SET/RES gear twice to reactivate IACC according to the target speed previously set.

Take over

When the IACC detects that the driver's hands are off the turning wheel, the system issues a prompt, "Please turn the turning wheel". If the driver does not respond in a timely manner, the system will issue a takeover request "Please take over immediately".

The driver shall immediately brake in an appropriate manner and hold the turning wheel, after receiving the takeover request. Do not panic or fiercely spin the wheel. When the IACC system detects that the user is operating the turning wheel, it will automatically reactivate the lateral assist function.

IACC system have limited brake capability, and when the system requires the driver to intervene in braking, the instrument will also display "Please take over immediately."

PAB (PEBS)*

Predictive Emergency Braking System (PEBS) detects vehicle and pedestrian targets through sensor and camera. When a potential risk of collision between the vehicle and the vehicle in front, pedestrians or other objects is detected, an audible and visual alarm will be sent to remind the driver, and when the situation continues to deteriorate, a short brake will be applied, or even automatic braking will be carried out according to the emergency to assist the driver to avoid the collision or reduce the damage caused by the collision.

👁️ The system can only assist the driver in specific situations. The driver shall have supreme control over the vehicle at all times.

👁️ Driver must be responsible for how they drive and how they avoid collision hazards. The system will not work when the driver is actively avoiding danger and will not interfere with the operation of the driver.

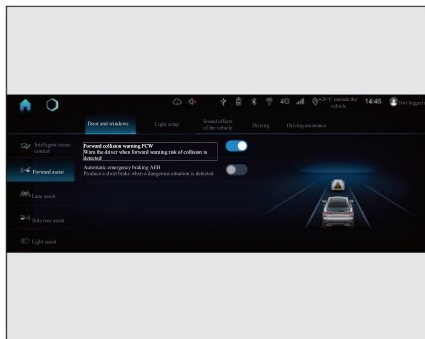
👁️ The system may take effect for the preceding vehicles in the same direction of this lane, rather than oncoming vehicles, animals, transverse crossing vehicles and other objects on the road. Fusion camera models can work on pedestrians, stationary vehicles and cyclists (motorcycle, bicycle) in front of the lane.

ⓘ Drivers should not overly rely on the system, and should not intentionally test or wait for the system to trigger.

ⓘ Because of the inherent limitations of system, false triggering cannot be completely avoided.

The PAB includes FCW and AEB.

System setup



Users can set FCW and automatic emergency braking features on or off in the infotainment screen.

FCW

The FCW consists of three levels of function: safe distance alarm, pre-alarm and emergency alarm.

Safe distance alarm

During driving, if the vehicle follows the distance from the vehicle in front of you for a long time, the safe distance alarm will be sent by the system and the instrument will prompt the driver that the vehicle is too close to the distance from the vehicle in front. The speed range of the safe distance alarm is about 65 to 150 km/h.

ⓘ When ACC is turned on, the safe distance alarm will be suppressed.

Pre-alarm

During driving, when there is a risk of collision between the subject vehicle and the preceding vehicle, the system will give a visual and audible pre-alarm, instrument cluster a prompt message and send an audible alarm at the same time. The driver must take appropriate actions in time to ensure safe driving distance.

Emergency alarm

After the pre-alarm, if the driver is still unresponsive, the emergency alarm will be triggered, and the system will apply a short brake. In some emergency situations, the pre-alarm can be skipped and the emergency alarm can be triggered directly. If the camera fails, the emergency alarm will not be triggered.

The vehicle speed range of the pre-alarm and the emergency alarm to the stationary object is about 30-85 km/h; For moving objects, the speed of the subject vehicle is about 30-150 km/h.

AEB

If a danger of collision with a vehicle or pedestrian ahead is detected and is very urgent, and if the driver has applied the brake but the braking force is insufficient, the brake system will provide the remaining braking force to achieve the optimum target braking force to avoid or mitigate the injuries caused by the collision; If the driver fails to apply the brake, the system will automatically apply braking force within its capabilities to avoid or mitigate the damage caused by a collision.

The AEB operates at about 4 to 85 km/h for stationary objects and 4 to 150 km/h for moving objects.

⚠ Improper retrofitted vehicles (such as lowering the ground clearance, changing the vehicle's front license plate, etc.) may reduce the PAB performance or increase the false triggering rate.

⚠ Improper maintenance may result in misalignment of the sensor and affect the proper functioning of the system.

⚠ When an emergency alarm is triggered, if the driver is already alert (such as turning the turning wheel or emergency braking), the system will not continue to trigger AEB.

⚠ Due to the inherent limitations of the system, the PAB may misidentification vehicles and pedestrians under some complicated conditions, causing unnecessary alarm and brake intervention. Please drive carefully.

⚠ When the ESP function is turned off or the indicator light is on, the AEB function is turned off.

⚠ FCW is an accessory feature to your driver, so don't take advantage of the extra convenience offered by the FCW. This function is not a substitute for the driver's attention to traffic. If the FCW function issues an alarm, the driver must apply the brakes to slow down or steer to avoid the obstacle, depending on the traffic situation.

⚠ The PAB cannot guarantee that collision will be avoided under all circumstances. The driver must maintain control of the vehicle at all times and assume full responsibility for the vehicle.

⚠ When the PAB is in the background operating state, it will not be detected by the driver. If the vehicle in front is detected by the system, it will not be displayed to the driver.

⚠ Heavy rain, mist, ice or sludge may weaken the performance of sensor and camera. Please keep the sensor and camera clean so as not to interfere with normal operation.

⚠ During AEB braking, if the driver presses the brake pedal, accelerates obviously or makes emergency turn the turning wheel, the AEB braking will be inhibited and exit.

⚠ If the camera is obscured by bird droppings, dirt, ice, insects, etc., the PAB may not work. Therefore, it is strictly prohibited to repair the windshield window near the camera (side mirror position). If there are cracks, the camera recognition effect will be affected, and the whole front windshield window must be replaced.

⚠ The driver is always responsible for taking timely and effective braking measures.

⚠ When the sensor system is affected by the environment (e.g. electric field, underground parking, tunnel, railway bridge, road track, construction area, width and height limit gate, etc.), the detection will be disturbed, and the PAB performance will decrease or the false triggering rate will increase.

▲ If the PAB actively brake to avoid the collision completely, the system will release the brake after stopping for about 3 seconds and the driver will take over control.

▲ The PAB performance will be greatly limited for cut-in objects, objects detected only after the vehicle changes lanes, and objects detected in sharp turns.

▲ The early warning assist brake is only a kind of driving assistance function, which has the risk of not being able to recognize pedestrians due to objective conditions.

- Special targets such as non-moving pedestrians.
- Pedestrians who are covered, or those who are not in strong contrast with the environmental background.
- Pedestrians carry large objects or wear clothes that make their outline unclear.
- Pedestrians in environments of rain, snow, fog, low illumination, etc.

▲ When goods do not make the car exceed the full weight and allowable weight of the front and rear axles. Otherwise, it may

Causing vehicle damage or causing casualties.

▲ For pedestrians:

When the system detects pedestrians by identifying the following accurate information: the pedestrian's head, arms, shoulders, legs, upper and lower body and the pedestrian's normal movement form. The outline of the body must be clearly visible and in contrast with the background.

Limitations of PAB

The PAB may not work when:

- When the PAB is turned off or the system fails.
- Severe brake by the driver.
- The system considers that the collision danger has been eliminated.
- Instability of vehicle.
- System initialization.
- Instrument failure.
- The gear position is not in D.
- The speed is beyond the operating speed.

- The driver is not wearing the seat belt.
- Active turning by driver.
- The driver presses the accelerator pedal sharply.
- The powertrain is shut down.
- Manually switch off ESP or ESP fails.
- When the sensor or front camera is dirty or covered.
- Drive in snowy or rainstorm days.
- There are narrow vehicles (such as motorcycles) driving ahead.
- There are vehicles driving on both sides.
- In places with strong reflected radiation of sensor signals (e.g., in a multi-story parking lot) drive.
- In case of cross-running vehicle.
- There is a stationary obstacle ahead (e.g., vehicle at anchor).

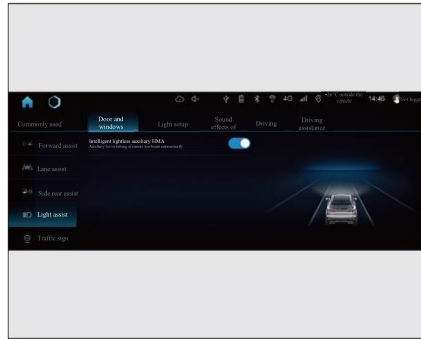
- There is an oncoming vehicles coming.
- Failure of all brake lights, etc.

The PAB must be shut down in the following cases:

- The vehicle is towed.
- The vehicle is on a drum test bench.
- Failure occurs for the sensor or the front camera.
- There are external forces (e.g. rear-end collisions) acting on the sensors.

IHBC (HMA)*

The IHBC judges the current driving situation through the camera and automatically switches between low beam and high beam when the vehicle lighting is turned on. The system can identify whether there are other vehicles in the opposite direction or in the same direction ahead and switch between low beam and high beam modes according to the situation.




The intelligent high beam function can be turned on or off through the infotainment screen.

Function activation

Activation conditions:


- Intelligent high beam function is enabled in the system settings.
- Turn the light handle to AUTO gear.


When the intelligent high beam function is activated, the vehicle speed is greater than 40 km/h, the headlamp can automatically switch between low beam and high beam, in combination with environmental conditions. The IHBC indicator light  is on.

(When the speed is lower than 20 km/h, the system will switch to the low beam automatically.)

When this function is enabled, the driver can also switch high beam and low beam manually.

Automatic start and release of high beam

When the camera does not detect any vehicle or street lights ahead, the function will automatically turn on the high beam, and the high beam indicator light  of the instrument cluster will illuminate.

When the camera detects a vehicle in front or the ambient illumination becomes bright, this function will automatically release the high beam, and the high beam indicator light  on instrument cluster will go out.

When the camera detects the disappearance of the vehicle ahead, the high beams are restored.

The driver can manually switch between high beam and low beam even when the function is turned on.

❖ The IHBC is an auxiliary function and cannot be guaranteed to be suitable for all driving conditions. driver must maintain control of the vehicle and drive carefully.

❖ When the camera is soiled, obscured, or malfunctioned, the HMA function will be unavailable or reduced.

❖ When the vehicle is in a highly dynamic state, such as the state where the ABS or ESP is activated, the light shift is suppressed.

❖ The light change is inhibited when the driver turns on the fog lamp, turn signal lamp, or performs an emergency turning.

❖ The use of non-original windshield window may adversely affect the IHBC.

Limitation of system

There are limitations to IHBC's ability to identify road conditions by camera. Drivers shall manually adjust the vehicle lighting based on current lighting, visibility, and traffic conditions in the following situations:

- Driving in foggy or heavy rain weather.
- Driving on windy, snowy or muddy roads.
- Driving in freezing and rainy weather; Driving on dimly lit streets.
- There are pedestrians on the driving road or adjacent road.
- There are reflective objects such as signboards near the road.
- The headlights of the oncoming vehicles are blocked by hedges, shrubs, isolation zones, etc.
- Drive on top of the mountain or over potholes on the road.
- If the oncoming light is blocked (e.g. isolation zone) during sharp turning.

Direct tire pressure monitoring system

Direct TPMS uses rim-mounted tire pressure sensor to monitor tire pressure and temperature. The information is transmitted by the radio transmitter to the receiver and displayed on the instrument cluster.

Tire information



The tire information shows the pressure and temperature of the tire. Under normal conditions, the tire pressure information in the instrument cluster is displayed in white. When the tire pressure is abnormal, the tire pressure indicator light in the instrument cluster goes on, accompanied by a prompt sound, and the tire pressure information corresponding to the faulty tire in the instrument cluster is displayed in red.

When the tire pressure monitoring system is abnormal, the tire pressure indicator light on the instrument cluster will flash for 60 s and then stay on, accompanied by sound. When the tire pressure monitoring system signal is lost, the instrument cluster has no tire pressure display and the tire pressure indicator light flashes.

i After the vehicle is started, if the speed exceeds 30 km/h and a period of time passes, the instrument will update the current tire pressure/temperature, and the TPMS will automatically enter the normal mode.

i This figure is for reference only, and the specific values shall be subject to the actual vehicle display.

i After the vehicle stalls, restart the vehicle. After the instrument self-inspection is completed, the instrument can display the tire temperature and pressure, which is the historical value before the last shutdown, not the current vehicle tire temperature and pressure. When the vehicle starts to run, the system will update the current tire state in real time.

Tire temperature/pressure alarm



When the tire has abnormal tire pressure, rapid air leakage, high pressure, low pressure, high temperature, etc., the instrument cluster alarm pop-up window will display the corresponding fault tire abnormal alarm, and the tire pressure indicator light (ⓘ) on the instrument cluster will go on accordingly. The driver shall stop if it is safe to do so and contact the dealership of BAIC Motor immediately.

Failure alarm for the tire pressure system



When there is a tire pressure system fault, tire pressure sensor fault, tire pressure sensor loss or low tire pressure sensor power in the tire pressure system, the corresponding tire pressure system fault alarm will be displayed on the instrument cluster alarm pop-up window, and the tire pressure indicator light (ⓘ) on the instrument cluster will go on accordingly. At this time, please go to the dealership of BAIC Motor for inspection and repair of the tire pressure system, so as not to affect the safe driving.

i The TPMS is not a tire pressure gauge and cannot prevent tire leak and tire burst. Its main function is to monitor the temperature and pressure of the tire.

i If a radio transmitter (e.g. wireless headset, walkie-talkie) is used in the vehicle or near the vehicle, the operation of the TPMS may be disturbed.

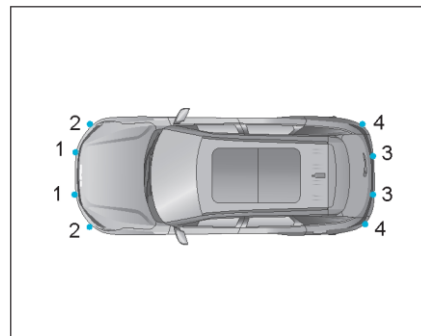
i Install and adapt the tire pressure sensor at the dealership of BAIC Motor after replacing the wheels (The vehicle spare tire does not have this tire pressure sensor.)

i After the tire rotation of the vehicle, you shall go to the dealership of BAIC Motor to adjust the tire pressure sensor again. Otherwise, the tire gear shown on the instrument cluster may not be the same as the actual position.

ⓘ The tire pressure monitoring system will be disturbed when the frequency band of 400 ~ 480 MHz exists in the surroundings, which causes abnormal operation of the system.

PAS

A PAS is a safety aid when it is parked or reverse. It uses ultrasound to detect the approximate distance between the vehicle and the obstacle, display it on a infotainment screen, and informs the driver (by an intermittent audible signal). The PAS is only an aid and is not a substitute for observing your surroundings. You shall also be responsible for safe handling and parking. Please make sure that no person, animal or other object is within the moving and parking range.



- ① Front middle sensor*
- ② Front corner sensor*
- ③ Rear middle sensor
- ④ Rear corner sensor

PAS switch*

Turn on system

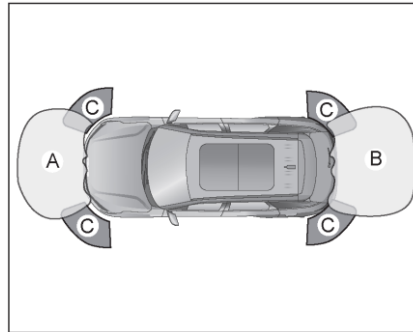


When the Start/Stop button is in the "RUN" mode, the PAS is turned on by default and the PAS switch indicator light. The system can only operate when the speed is less than about 15 km/h.

Close the system

Press the PAS switch, the PAS will be turned off, and the switch indicator light will go out; Press the PAS switch again to restart the system.

Sensor detection range



A	About 90 cm
B	About 150 cm
C	About 60 cm

The maximum detection distance of the sensor varies with the size of obstacles. For smaller obstacles (e.g. poles, traffic signs), the detection range may be less than the maximum in the table.

Alert

If there is an obstacle within the detection range, the relevant warning indication will light up and an audible alarm will sound. As the distance gets closer, the interval between audible alarm gets shorter; When the distance is less than 30 cm, the audible alarm will continue to ring. The display screen shows only the color segment corresponding to the obstacle position, and the rest is not displayed. When there are more than one obstacles, the alert shall be for the closest obstacle.

When the audible alarm continues to beep and the display screen indicates the red zone, the driver should immediately stop the vehicle, so as not to collide with the barrier, scratch phenomenon.

Target level Alarm area	3 (green)	2 (yellow)	1 (red)
Front/rear side sensor (cm)	-	-	60-90
Front/back angular sensor (cm)	30-60	30-60	30-60
Front middle sensor (cm)	≤ 30	≤ 30	≤ 30
Rear middle sensor (cm)	60-150	30-60	≤ 30

i The above distance information is only approximate and for reference only. Please refer to the actual situation.

Front sensor*

The front sensor will operate only when the speed is less than about 15 km/h. It checks the approximate distance from the front of the vehicle to the obstacle at an angle to it.

If the gearshift handle is in P gear or the PAS switch is turned off, the front sensor will not work.

When the PAS switch is activated, the front sensor automatically resumes when the vehicle decelerates from high speed to less than 12 km/h.

e The following conditions may cause false alarms or no alarm:

- There are noises close to the ultrasonic sensor transceiver frequency band in the sounds of vehicle horn, engine roar, vehicle exhaust and tire inflation, which may cause false alarms.
- When reversing on narrow areas, rough roads, or uphill slopes, the system may detect railings, trees, or sloping surfaces, which may result in false alarms.
- When high-frequency radios or antennas are installed or used nearby, false alarms may be generated.

- No alarm or false alarm may be generated when the sensor is frozen or dirty in rain or snow.
- In hot or humid weather, the detected distance to objects may be reduced. If water droplets attach to the surface of the ultrasonic sensor, the sensitivity of the ultrasonic sensor will decrease, but will restore by wiping off the water droplets.

e Inability to detect obstacles:

- The ultrasonic sensor has a blind spot in detecting obstacle. It cannot detect objects under, under, or too close to or far from the bumper.
- The PAS cannot detect mesh-shaped objects such as thin wires, cables and blocking nets, soft objects such as snow, cotton and sponge that easily absorb ultrasonic waves, low objects such as rocks, wood blocks and curbs, and special-shaped objects such as pillars, small trees, bicycle, angles, cornerstones and corrugated paper.
- The surface of some articles does not reflect the ultrasonic signals emitted by the sensor, which makes it impossible to detect such articles or people wearing such clothes.

 Other important precautions:

- Do not spray the sensor directly with high-pressure water such as a squirt gun, and do not squeeze or impact the sensor in any other way. Otherwise, it may cause malfunction.
- The PAS sensor belongs to precision parts. Do not privately disassemble and repair it. The company will not bear the quality guarantee for the damage caused by the user's unauthorized disassembly, assembly and maintenance.

Backup camera*

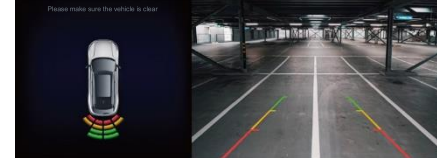
Introduction to backup camera

The vehicle is equipped with a reversing camera on the trunk lid. Through this camera, the backup camera captures the image behind the vehicle and transmits it to the cab infotainment screen to assist the driver in reversing.

During reverse, the driver can clearly see the scene behind the vehicle through the infotainment screen to avoid damaging it. But the system also has blind spots, such as being unable to detect small objects under the bumper and objects near the back and corners of the bumper.

Use of backup camera

When the vehicle is shifted into R gear, the rearview camera starts to work and the infotainment screen will display the backup camera in real time. At the same time, the backup camera is accompanied by dynamic and static trajectory line indications. The driver can determine the distance between ground obstacles and the vehicle based on the static trajectory line identification. The static trajectory line represents the distance as shown in the figure.



When the vehicle exits the R gear, the rearview camera will stop working, and the infotainment screen returns to the previous interface.

When the backup camera is started, if the system detects a fault information, the infotainment screen displays a fault prompt interface.

Conditions affecting the rear view of the reverse:

- In a storm or fog.
- The surface of the camera is frozen or stained with dirt, dust and snowflakes.
- Reverse at night.

AVM (AVM)*

The AVM is a kind of comfort system, which consists of four wide-angle camera and a AVM system controller mounted around the body. AVM system can assist the driver in reversing, parking or turning by providing a clear view of the vehicle's surroundings, thus extending the driver's field of vision and assisting the driver in driving.

i AVM can only display two-dimensional images on the screen, and because of the lack of depth, it is difficult or impossible to identify bumps or potholes in the AVM. Always observe the surroundings of the vehicle.

i Due to restrictions of the AVM system resolution, some objects cannot be displayed or clearly displayed, such as thin partition columns, grilles and trees.

i The AVM may distort the outline of objects on the screen. Relying on the AVM to estimate the distance between the vehicle and the obstacle (vehicle, pedestrians, etc.) may be inaccurate and may lead to accidents.

i There are still a few blind spots in the AVM. Always observe the surroundings of the vehicle.

i The width of the parking space is at least equal to or greater than the width of the trajectory extension.

i Please use the AVM only when the trunk lid are completely closed, the left and right side mirror are unfolded naturally, and the left and right front doors are normally closed.

👁 The 360° camera does not work or is limited in the following cases:

- The door is turned on.
- Side mirror folding.
- The trunk lid is not closed.
- Heavy rain, snow or fog.
- At night or in places with very low light.
- The camera is exposed to bright light.
- The area is illuminated by fluorescent or LED lighting (central control display screen will flicker).

- Driving into a garage with a heating system in winter and experiencing rapid temperature changes.
- If the components installed with a camera is damaged, please check the position and calibration of the camera at a qualified service center.

i The AVM camera is mounted on the outside of the vehicle compartment and is easily covered by dirt. If the video is not clear, it is recommended to wipe the lens manually with a soft cloth.

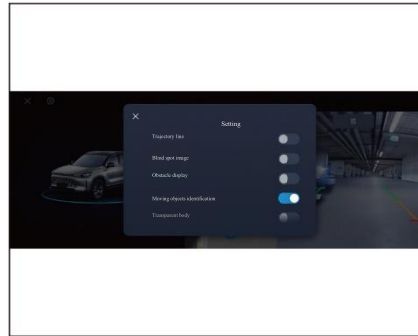
The AVM consists of the following main functions:

The controller seamlessly stitched images of the 4 cameras placed around the body to create a 360-degree AVM that resembles an aerial view of the surroundings of the body.

Under the AVM surround view image system, click the camera button around the AVM trolley to switch the single view area to the corresponding view angle.

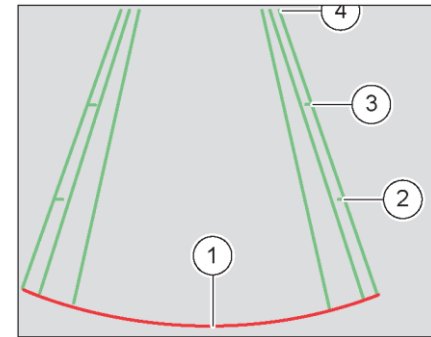


AVM settings



The user can turn on or off the 360° AVM pattern, obstacle-triggered AVM and turn signal-triggered AVM function through the infotainment screen parking menu.

Dynamic tire print



The tire print changes with the angle of the turning wheel.

No.	Distance (cm)	Color
1	30	Red
2	100	Green
3	200	Green
4	300	Green

Obstacle-triggered AVM*

If this function is enabled, the AVM will be triggered when the vehicle parking sensor detects the obstacle in front of the vehicle when the vehicle is not in R gear.

i The obstacle trigger AVM is only available on vehicles configured with a front sensor.

Turn signal-triggered AVM

If this function is switched on, when the vehicle is not in R gear and the speed is less than 25 km/h, turning on the turn signal switch (left or right) will trigger the AVM and the image of the corresponding turning side will be displayed.

AVM switch



An AVM switch is set in the vehicle control screen. By touching the switch key you may turn on the AVM. When the system is turned on, touch the switch key again and you may turn off the AVM.

AVM opening conditions


When the Keyless Start/Stop button is in the "RUN" mode, it can be turned on if one of the following conditions is met:

- Shift the gear to "R" position.
- When the vehicle is not in "R" gear and the speed is less than 30 km/h, press the AVM switch of the vehicle control screen.
- When the obstacle trigger AVM function is turned on, the vehicle is not in R gear, and the speed is less than 12 km/h, the vehicle parking sensor detects the obstacles in front of the vehicle.
- When the turn signal lamp-triggered AVM function is turned on, turn on the turn signal lamp switch (left or right) when the vehicle is not in R gear and the vehicle speed is less than 25 km/h.

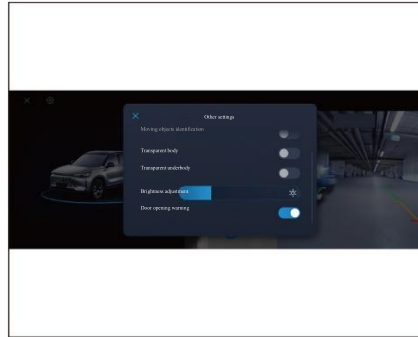
AVM exit conditions

When AVM is turned on, it may exit if any of the following conditions is satisfied:

- Shift the gear into "P" gear for 5 seconds.
- Non-"R" gear, press the Exit button on the left side of the display screen.
- In gear other than "R", speed greater than 30km/h.
- In non-"R" gear, touch the AVM switch on the vehicle control screen.
- The obstacle disappears after the obstacle triggers the AVM.
- After the turn signal triggers the AVM, the turn signal switch is turned off for 5 seconds.
- Press the Keyless Start/Stop button to "OFF" mode.

 Only when condition 1 entry is turned on, it can be closed by closing condition 1.

Switching operation of AVM interface



When entering the AVM interface, you may select to turn on/off the moving objects warning function, sensor display and track display through the infotainment screen, as well as AVM to display brightness adjustment.

When the system is started, the default image of the system is front view + AVM, which can be switched to other views through gear position, turn signal, or screen touch.

When the vehicle is in the "R" gear, the default screen is back view + AVM, in which dynamic guides are integrated.

During turn the turning wheel, the dynamic assist will calculate the vehicle track according to the turning wheel angle to assist the driver to park.

When the vehicle parking sensor detects an obstacle, the AVM area will display the sensor obstacle. For the definition of sensor display, please refer to the description of parking sensor.

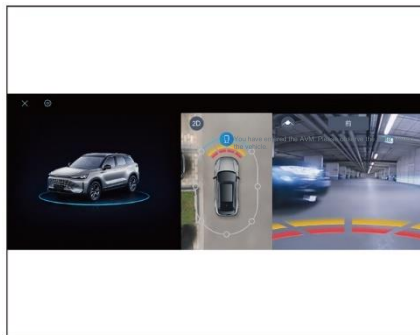
Under the AVM, when clicking the camera button around the AVM vehicle, the single view area can be switched to the corresponding view screen, and the 2D/3D screen can be switched by the 2D/3D button above the AVM vehicle.

MOD moving objects warning function*

The AVM can recognize moving objects in the camera image when the vehicle is stationary (some models are at a speed state of less than 10 km/h). When the system detects moving objects in the image, the system will give a corresponding prompt to remind the driver that there are moving objects around the vehicle.

MOD functional switch


Click the "moving object detection" switch on the left side of the AVM system opening interface to turn on/off the MOD function.





When the system detects moving objects, a triangle is displayed in the corresponding area of the AVM to indicate.

The smallest object that the system can detect is about $30 \times 30 \times 30 \text{ cm}^3$.

The system can only detect objects about 1.5-4.5 meters in front of and behind the body, and about 4 meters in left and right, excluding the blind spot of the camera.

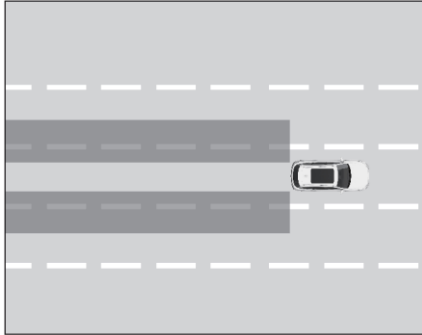
 This function is only used to assist the driver to drive safely and is not part of the vehicle driving safety system. It is only used as an assist function and cannot replace the control of the driver.

 When the camera is covered by rain, snow, mud, ice, etc., this function will give false alarms or unreported alarms. The driver must drive carefully.

 In case of night, rain, snow, fog, shadow and other environments, this function may false alarms or miss alarm. Please driver to drive carefully.

Door opening warning system (DOW)*

The door opening warning system detects the rear of the vehicle through the left, right and rear camera under the stop state to remind the driver, so as to avoid the collision accident caused by the blind spot behind the door.



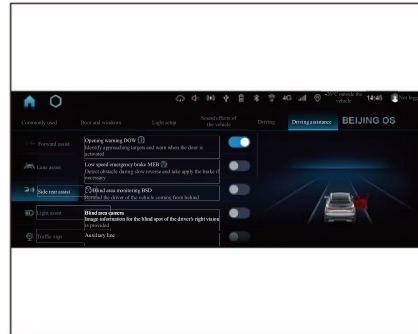
👁️ This function is only used as an auxiliary warning and cannot replace the driver's judgment on the surroundings.

👁️ When the camera is covered by rain, snow, mud, ice, etc., this function will give false alarms or miss alarms. Please keep the camera area clean.

👁️ In the night, rain, snow, fog, shadow, etc., this function will give false alarms and miss alarms. Please open the door carefully.

👁️ When the brightness is changing, for example, the double flash is turned on, the turn signal is turned on, and the headlight is on at night, this function will have false alarms or missed alarm. Please open the door with caution.

Early warning setting of DOW door opening



The user can select to activate/deactivate the door warning function through the infotainment screen.

DOW door opening warning alarm method



When the DOW alarms, the side mirror LED indicator light flashes for visual alarm and the buzzer in the instrument cluster gives audible prompt.

When the system detects moving objects, the system is divided into two alarm methods depending on whether the door is open:

Level 1 alarm: when the user unlocks the door, the door is not opened, the system detects an obstacle, the alarm method of LED alarm light stays on.
Level 2 alarm: When the user opens the door, the system detects the obstacle, the alarm method LED indicator light flashes and the instrument cluster buzzer audible warning.


Startup and shutdown


When the Keyless Start/Stop button is in RUN mode, it can be turned on if the following conditions are met:


- The infotainment screen security setting interface DOW function is enabled.
- The vehicle is in stationary.

When the DOW system is turned on, the system will shut down if one of the following conditions is satisfied:

- The DOW function of the infotainment screen security setting interface is turned off.
- Speed greater than 0 km/h;
- Switch the Keyless Start/Stop button to the "OFF" mode.

 Obstacles recognized by the DOW function include: pedestrians, bicycle, battery cars, tricycles, motorcycle, cars, SUVs, trucks, buses, vans and other moving objects, or people.

 The obstacle speed range in the DOW detection range is from 2 km/h to 60 km/h, and the system does not recognize the object with the speed lower than 2 km/h or higher than 60 km/h.

 System detection is limited, the target cannot be detected normally when:

- It does not work against reverse driving, stationary vehicle or other objects.
- Severe weather such as rainstorm, fog and blizzard.
- The height of the target vehicle is significantly different from that of this vehicle.
- The lane is wide and the vehicles in the adjacent lane are far away.

Blind spot detection system (BSD)*

The blind spot monitoring system is to use the side camera to monitor the blind spot of the side mirror to remind the driver, so as to avoid the accident caused by the side mirror blind spot during lane change.

When driving vehicle is detected in the blind spot set by the system, the blind spot indicator light in the corresponding side mirror will stay on. When the driver turns on the corresponding turn signal, the indicator light will flash and the system will give an alarm to indicate driving vehicle in the blind spot of the driver mirror.

BSD blind spot detection alarm method



When the system detects moving objects, only the visual alarm and audible alarm of the side mirror BSD alarm lamp are provided.

Startup and shutdown



You can set the BSD on/off in the infotainment screen.

When the camera is covered by rain, snow, mud, ice, etc., this function will give false alarms or unreported alarms. The driver must drive carefully.

Change lanes carefully. This function is only used to help the driver to drive safely. It is not part of the vehicle driving safety system. It is only used to supplement the side mirror and cannot replace the driver's control.

In case of night, rain, snow, fog, shadow and other environments, this function may false alarms or miss alarm. Please driver to drive carefully.


This function is implemented using image recognition technology. Due to ambient lighting, the shape of rear vehicles, the shape of surrounding obstacles, etc., which may affect image recognition, the system may cause false alarms and missing alarms. Please drive carefully.


APA system*


Introduction to APA


The APA system uses 4 AVM high-definition fisheye cameras and 12 ultrasonic sensors around the vehicle to collect environmental data around the body in real time. Through environmental data processing, the vehicle's current position and attitude, the target parking space position, and the environmental parameters of the distribution position of the surrounding obstacles are obtained. Based on these parameters, the APA strategy is generated to control the vehicle to automatically carry out moving forward, moving backward, turning, braking and other operations, and to park the vehicle into and out of the parking space.


The APA system supports parking in and out in horizontal, vertical and inclined parking spaces.


 As PAS, the system cannot substitute the driver completely, who must pay attention to the surroundings when using the function, and control the speed. If necessary, the driver must initiatively intervene in the brake, in case of unnecessary damages to the vehicle.


 This function does not exempt the user from accurate evaluation of traffic conditions and responsibility. Due to usage limitations, the system may not automatically respond appropriately in all situations. If there is a risk of accidents, users need to observe the traffic situation and take over effectively.

 The system may not be able to identify people, animals and unusual obstacles around the vehicle.


 The vehicle will not brake only when the sensor constantly recognizes the obstacle. Unable to recognize obstacles, such as small, low, or obstacle beyond the sensor's detection range. If the driver is not careful, accidents or damage to items may occur.

 Since the sensor cannot identify potholes, do not use the system on large potholes to prevent the vehicle from collision or trapping. It is particularly prohibited to use this system on the side of the road with height differences, such as cliff edges, parking lots that are higher than adjacent roads, such as roadways or sidewalks, to prevent the risk of vehicles falling.

 During APA, parking emergency brake may occur, and the deceleration is high at this time. Due to inertia, there is a risk that the occupants may "go forwards" when braking.

 This system does not apply to stop scenarios where obstacle such as:

- Non-motor vehicles with three or two wheels;
- Vehicles without continuous solid forms under the lower body (e.g. truck, tanker, trailer, etc.)
- No solid form or low obstacles (such as stop line locks, stones, etc.).

 External sound sources may interfere with the system, causing the system sensor not to properly identify and causing the system to falsely report nonexistent obstacles.

👁️ The system may not be able to detect obstacles around the vehicle (e.g., overhangs, flatbeds, trucks, low flowerbeds, steps, curbs, potholes below the ground, cracks, steps, etc.).

👁️ The system may not be able to recognize certain objects and people wearing such clothing.

👁️ The system may not be able to accurately identify the parking space in scenes with insufficient or uneven illumination, e.g. at night, in shadows, underground garages, etc.

👁️ If this function is used on uneven ground (such as weeds, gravel, etc.), misidentification may cause brake by mistake.

👁️ Do not immerse the sensor in liquids in case of damages to the sensor.

👁️ The system will be affected by vehicle vibrations caused by driving the vehicle or the surrounding environment in bad weather such as rain, snow, fog, etc.

👁️ The system may not recognize obstacle that:

- Smaller diameter obstacle, such as barbed wire fences, etc.
- Fluffy obstacles, such as snow, grass, shrubs, etc.
- Obstacles with edges and corners on the surface, such as square columns, C-shaped steel
- Obstacles located too low or too high, such as low floor locks, curb, hanging water pipes, fire extinguishers, etc.

👁️ Do not use this system when the transported goods protrudes from the vehicle.

👁️ When clean the vehicle, only use a small stream of water to wash the sensor for a short time, and keep at least 10cm away. Avoid using a pressure washer or steam washer to clean the sensor, so as to avoid damages to the sensor.

👁️ Before parking, please make sure there is no obstacle (such as stone, thin column, thin square column, rope, trailer towbar, etc.) in the parking space and around the vehicle. The system may not be able to detect such obstacles.

👁️ Be aware of the actual validity of detected parking space. system may recognize entrances, doorways, intersections, etc. as valid parking space.

👁️ The system may misidentify the tire prints and pavement boundaries as parking space. In this case, the user shall confirm the validity.

👁️ The system is calculated by the circumference of the wheel and an efficient path is planned to park into place. When non-original size wheels, tire chain or spare tire are installed, and tire pressures are not standard, the system may not function correctly and the final position of the parking space may be deviated.

👁️ To ensure safety, when using the parking function mode in the vehicle, the system will require the driver to fasten his seat belt and confirm that the doors are closed. Only when the vehicle is in automatic mode can it be activated.

👁️ The driver may brake by mistake due to inaccurate detection and identification of thin rods, vehicles moving forward and backward in narrow spaces, complex road conditions (e.g. close follow-up, underground garage curves, jamming, etc.), and vehicles with low speed automatic emergency braking function during the APA control.

👁️ In order for the system to function properly, the surface of the camera must be kept clean (free of snow, ice and dirt).

👁️ Snow, ponding and slippery roads may increase the braking distance, making it impossible to avoid collisions in parking for the low-speed automatic emergency braking function.

👁️ The occurrence of noise during the automatic parking brake process is a normal phenomenon and not a malfunction. In case of emergency brake during parking, you may not be able to respond effectively to the sharp brake of vehicle ahead. External sound sources, such as vehicle with the same ultrasonic sensor, may interfere with low-speed automatic emergency braking and the system sensor may not respond correctly.

👁️ During APA, the system may not be able to timely brake for moving obstacles, such as pedestrians, electric vehicles, bicycle, motor vehicles, etc.

👁️ The user's intention (e.g., user emergency brake) cannot be effectively judged, resulting in brake by mistake during parking.

👁️ The braking distance may be affected by different lighting conditions, different road surfaces (gradient), different vehicle loads and different tire pressures. The APA and emergency brake may have different effects.

👁️ A detection blind spot exists in the system sensor. When the surrounding obstacle of the vehicle enters the blind spot, e.g. both sides, front or rear of the vehicle at close range, the system cannot perform braking.

👁️ The system has identification errors. When the surrounding obstacle is close to the parking space, there may be a risk of scratching. APA is not recommended.

👁️ It is not recommended to use APA in complex environmental situations, such as irregular parking of surrounding vehicles, skewed parking of surrounding vehicles, surrounding vehicles not being within the self parking space frame, and surrounding vehicles occupying the target parking space, which can easily cause vehicle scraping and parking failure.

👁️ The system cannot recognize low curbs. When parking on the roadside with curbs, the system's set motion trajectory may crush the curbs, requiring the driver to take over the vehicle on their own.

👁️ The sensor has identification errors, and the identified parking space may be skewed, misaligned, etc.


👁️ When the space for the vehicle to pass through transversely is insufficient, e.g. narrow lanes and roads, being surrounded with obstacles, the vehicle will approach the surrounding walls, vehicles or other obstacles and the system will control the repeated movement of the vehicle, which may cause collisions, failure in parking, etc. Therefore, APA is not recommended in these cases.

Use of APA system



There is an APA switch on the vehicle control screen.

When the vehicle is started and the speed is less than 25 km/h, press down the full APA system (APA) switch, select the APA and operate according to the prompts of the infotainment screen. When the function is turned on, press the exit button or APA switch in the upper left corner to exit the full APA.

 The system is mainly suitable for parking spaces with standard and clear markings. It is not recommended to use the APA in similar situations because the markings are worn, the ground is highly reflective, the shadows are covered by trees or buildings, and the color-matched tiles.


During APA, the following conditions can cause the APA to exit:


- Touch the upper left corner of the infotainment screen to exit the button.
- Touch the APA switch.
- The speed should be ≥ 30 km/h during the parking space search.
- During the parking process, the user intervenes in the turning wheel, gear position (twice gear shifting within 8 s) and AUTOHOLD switch state.
- The system is suspended for more than a 30 s or the whole parking process lasts more than 3 minutes.

During APA, the following conditions can cause the APA to pause:

- Release the seat belt.
- Open the trunk lid.


- The door is turned on.
- Obstacles are encountered during parking.

 To ensure safety, the user needs to be ready to take over the vehicle through the brake and turning wheel.


 The user can control the speed through the brake during parking.

Gasoline GPF (GPF)


The gasoline GPF is an integral part of the exhaust emission abatement system equipped on the vehicle. It traps tiny particles before they enter the atmosphere, reducing pollution.

 High temperature will be generated during recycling. It is prohibited to add flammable materials to exhaust pipe, gasoline GPF or heat shields. Otherwise, it is easy to cause a fire accident.

GPF requires the maintenance indicator light



After the vehicle is started, the GPF requires the maintenance indicator light  to stay illuminating. The instrument cluster prompts "GPF saturation. Users should go to the 4S store for parking regeneration". This indicates that the GPF is faulty. In this case, please contact the dealership of BAIC Motor for inspection and repair of GPF as soon as possible.


Regeneration program


During driving, when the GPF reaches certain conditions, the vehicle will automatically start the regeneration program when the driving conditions are met. At this time, the instrument will display the prompt "GPF active regeneration, the user does not need any operation", the instrument cluster GPF regeneration indicator light  goes on. The regeneration program will fully burn the particles and keep GPF in a stable and efficient state. During the fuel regeneration, it is recommended to drive the vehicle while following such driving conditions, until the alert message is eliminated and regeneration is completed (do not block the alert message during the period so as to


facilitate inspection).


- Try to drive at a constant speed on roads with good conditions, and shift to gear 3 or above, with a speed greater than 80 km/h.
- Avoid engine running at idle speed.
- Avoid stop or shutting down the engine.

 If the driving conditions are not met and the vehicle cannot automatically start the regeneration program for a long time, the indicator light of GPF in need of regeneration  in the instrument cluster goes on. The instrument cluster prompts that "GPF needs to be regenerated. It is recommended that users drive at high-speed conditions or go to a service station to handle it." In this case, you need to start the vehicle and wait for the water temperature to reach normal operating temperature (the water temperature indicator shall indicate near the middle position). Then drive the vehicle according to the driving conditions in the regeneration program to start the vehicle regeneration program. Failure to follow the above procedures will affect the normal operation of the engine and GPF and may cause damage to the components.

 Please observe all traffic laws during the automatic regeneration program.

 Must be filled with gasoline that meet the normal of national laws and regulations, avoid using fuel additives, etc. Prevent the increase of particulate matter or poisoning of catalytic converter due to oil problems.

 Please replace the specified engine oil regularly.

 Observe the following recommendations during daily driving:

- The engine must avoid long time or frequent operation in low RPM and with large throttle.
- Avoid long-term or frequent idling of the engine.
- Avoid frequent stop or shutdown of the engine.
- Avoid frequent short-distance driving.

Driving safety inspection

It is best to conduct a safety check before the vehicle departs. A few minutes of inspection will help with safe driving. Only basic familiarity with various parts of the vehicle and careful observation are necessary to carry out these checks.

Before starting the engine

Outside of the vehicle

Tire:

Inspect tire pressure and tire for nicks, damage, excessive wear, bulge.

Vehicle light:

Ensure that the headlamp, brake lamp, backup lamp, turn signal lamp and other lights are all working properly. Check light direction of the headlamp.

Wheel nut:

Make sure no nut is missing or loose.

Within the engine compartment

Fluid level:

Ensure that all fluid in the vehicle are at the proper level, such as engine oil, coolant, brake fluid, etc.

Condition of battery and cables:

Check the battery housing for crack, the terminals for corrosion or looseness, and the cables for good condition.

Inside the vehicle

Check that the tongue and buckle are securely fastened. Ensure that the seat belt is not worn or broken.

In particular, make sure the instrument indicator light and defrost/defog functions are working properly.

Check and ensure that the pedal has sufficient free travel.

After starting the engine

Before driving

Fluid leakage:

After the vehicle has been parked for a moment, check the underbody for leakage of fuel, engine oil, water or other fluids. After use, there may be water drops from the air conditioner. This is a normal occurrence.

In driving

Instrument:

Ensure that the red and yellow indicator light on the instrument cluster do not go on.

Brake:

Drive at low speed while ensuring safety, press the brake pedal, check if the braking is reliable, check the vehicle does not run away and that the brakes are not rattling. Noise:


Check the vehicle for abnormal noise.

Driving essentials in different situations


Driving in the rain


When it rains, the visibility is reduced, the window is foggy and the roads are slippery, so please drive carefully.


- The sight will be deteriorated due to heavy rain. Turn on the headlamp, fog lamp and hazard warning light when driving.
- The brake efficiency will be affected when the brake is wet. Therefore, it is necessary to increase the distance and reduce the speed when driving in rain.
- Do not drive at high speeds when it is raining, because the higher the speed, the more likely it is that the tire and the road will slip.


 When driving on a wet and slippery road, emergency brake, rapid acceleration and sharp turning may cause the tire to skid, reducing the handling of the vehicle and causing accidents.

Wading driving

 Please be aware of the vehicle and oncoming vehicles in front, which may cause the maximum allowable depth to be exceeded. Once the water depth reaches the bottom of the body, do not forcefully wade into the water.

 Do not open any door during wading. Otherwise, water may enter the vehicle and damage the vehicle's electronic and interior system.

 Do not accelerate before driving into a ponding section in any case. Swirls created by acceleration can enter the vehicle and damage engine and other components.

 During wading, after shut down the engine, do not forcibly restart the engine, at this time the engine may inhale some engine, restarting the engine will cause irreversible damage.

Please pay attention to the following precautions if you need to drive through the road section with water:

- Before wading, correctly estimate or find out the depth of the wading and the characteristics of the ponding area. Do not forcibly wading the unknown ponding area.
- Switch to low gear position and avoid high-speed running of the engine.
- Slowly and steadily drive across the ponding road surface at a walking speed, by choosing a smooth place.
- Do not stop or shut down the engine during wading driving.
- After wading, gently press the brake pedal several times to dry the brake, so as to restore the braking force.
- Remove the mud on the tread in time after wading.
- Salt water is corrosive, and the parts soaked in salt water on the vehicle must be rinsed with clean water.

Driving essentials in winter

🔍 When deicing the rear window, be careful not to damage the seals and plastic parts on the rear window.

🔍 Be especially careful when driving on slippery road. Avoid rapid acceleration, sharp turns and emergency brake. Do not use cruise control.

🔍 When winter comes, please go to the dealership of BAIC Motor for winter protection maintenance of vehicles.

⚠️ If you try to increase the braking effect of the engine by downshifting on slippery surfaces, the drive wheels may lose their grip, increasing the risk of skidding and accidents.

🔍 If the engine or assist heating system is running, make sure that the area around the exhaust pipe and vehicle is free of snow or ice. So as to ensure sufficient fresh air supply in the vehicle.

🔍 Toxic gases such as carbon monoxide (CO) can enter the vehicle if the exhaust pipe is blocked or ventilated poorly. Especially when vehicles are trapped in snow, there is a risk of fatal injury.

i In the temperature of -20°C and below, it is prohibited to shift the gear into non-P position without starting the engine, otherwise the instrument cluster will prompt "Please start the engine".

Preparation before winter:

1. It is necessary to replace the fluid suitable for the low temperature environment in advance:
 - Select engine oil suitable for low temperature environment viscosity;
 - Select coolant suitable for the low temperature environment;
 - Select antifreeze washing liquid suitable for low temperature environment.
2. Check the tire to ensure that the tire has sufficient pattern depth;
3. If necessary, purchase a set of tire chains that can match the front wheels.
4. Ensure that the battery is in good condition;
5. Depending on the driving destination, it is recommended to carry some necessary emergency supplies: snow and ice scraper, flash signal device, shovel, jumper cable, inflater, etc.

Before driving:

1. Do not forcibly open the frozen window or move the frozen windshield wiper. Use warm water to thaw the frozen part and wipe it off immediately to prevent freezing.
2. Remove the ice and snow under the fender.


When driving:

For automatic transmission models, if the vehicle is in low temperature environment for a long time (e.g., all night), the vehicle start may lag when the gear is switched to the driving gear after the engine is started. It is only noticeable after vehicle cold start and disappears after the vehicle running. Do not depress the accelerator pedal during the lag of start-up. If you depress the accelerator sharply, the transmission may be damaged.

Start smoothly and at an appropriate speed according to the road conditions.

During parking:

When parking on the flat ground, shift the gear to the "P" position. If stones are used to block the wheel, the driver must also apply the parking brake.

 Parking brake must be applied when parking on a steep slope.

Essentials of brake

Never use brake pedal as a footrest. If you put your foot on the brake pedal while driving, the brake system may overheat. This can increase braking distance and may even lead to malfunctioning of the brake system, posing a risk of accidents.


Do not depress the brake pedal and accelerator pedal at the same time when driving.


Continuous pressing the brake pedal can cause excessive and premature wear of the brake pads.


Efficient use of vehicle


- Maintain the correct tire pressure. Insufficient atmospheric pressure can lead to tire wear and waste fuel.
 - The wheel alignment should be accurate, otherwise it will cause the tire to wear too fast, and will increase the engine load and waste fuel.
 - Do not place unnecessary items in the vehicle. Excessive load will increase engine load, resulting in increased fuel consumption.
 - Accelerate slowly and steadily to avoid sudden start. Try to shift to high-speed gear and drive.
 - Do not put your feet on the brake pedal, which may cause premature wear, overheating of the brake pad and waste fuel.
 - Always drive at a low speed in side gusts so that it is easier to control the vehicle.
 - Avoid collision to the curb when the vehicle is running. Be sure to lower vehicle speed when driving on uneven road surfaces.
- Avoid heavy or congested areas as much as possible. Avoid constant acceleration and brake. Stop-and-go driving is a waste of fuel. Avoid unnecessary parking and braking, and maintain a steady vehicle speed. Drive with traffic lights to reduce the number of stops. Try to drive on roads without traffic lights. Keep a proper distance from other vehicles to avoid emergency brake, which will also reduce wear on the brake.
 - Avoid vehicle chassis contaminated with dirt such as dirt, which will not only reduce the dead weight of the vehicle, but also prevent corrosion. Maintain the vehicle and keep it in good state. Dirty air filters, unsuitable valve clearances, dirty spark plugs, dirty engine oil and grease will all reduce engine performances and waste fuel. To prolong the service life of all parts and lower operating expenses, be sure to carry out regular maintenance. If you often drive in harsh conditions, shorten the service cycle and period.


- The brake may be soaked when you clean the vehicle or drive through deep water roads. Drive at a low speed first and gently press the brake pedal several times to dry the brake quickly while ensuring safe driving. Drive the vehicle carefully. If the brake still does not work safely, stop the vehicle safely, and contact the dealership of BAIC Motor for assistance.

 Before driving, make sure that the parking brake is deactivated.

 When driving on smooth roads, be cautious when accelerating, upshifting, downshifting, or braking. Sudden acceleration or use of engine brake may cause vehicle slippery or wheel spin.

 Do not put your feet on the brake pedal when driving, in case of overheated brake pad, unnecessary wear and wasted fuel.

 Slow down and gear down when driving downward along a long and steep slope. Remember that excessive use of the brakes will make them overheat and be unable to work normally.

 Try to avoid watery roads when driving to avoid getting the brake wet.

Fuel-saving driving

Fuel-efficient driving not only saves fuel, but also protects the environment. The following are some measures you can take to save fuel while driving:

- Remove unnecessary goods before driving.
- Maintain proper tire pressure.
- It is advisable to start smoothly and try to avoid rapid acceleration and sharp deceleration.
- After the cold vehicle starts, drive slowly for a few minutes, and then accelerate after the engine warms up. Generally, it is not necessary to run the engine in situ to warm up.
- Plan driving route and choose good road for driving.

- Drive in an economical speed as much as possible.
- Select the appropriate gear position according to the speed. Do not drive in a low gear at a high speed.
- Do not open the window in driving at a high speed.
- Make reasonable use of A/C, but also reduce the use of high-power speakers and other high-power electrical appliances.
- In case of long-time stop, turn off the engine to avoid long-time run it at idle speed of engine.
- Regular service the vehicle according to the maintenance requirements and keep it in good condition.

Maintenance overview


With the traveled distance of the vehicle increasing, its components and parts will gradually wear out, the technical condition will continue to deteriorate. In order to ensure the good use of the vehicle, and in the resale of the vehicle, so that the vehicle has a high value preservation, during the use of the vehicle, vehicle should be maintained.

Maintenance is divided into regular service and routine service. Please go to the dealership of BAIC Motor to carry out the regular service. Daily maintenance is mainly carried out by the driver.

Follow safe practices when performing any maintenance or inspection. Improper operation may cause malfunction or damage to the vehicle, and even accidents.

Regular service

Timely and regular service for the vehicle is an indispensable part of vehicle use. Please refer to the Maintenance Information Form for the distance interval or regular service and maintenance items. You can also follow the reminder of the service cycle in the instrument cluster (see "Service Cycle") to go to the dealership of BAIC Motor in time for regular service.

 Failure to regular service the vehicle in a timely manner may degrade the performance of the vehicle, cause damage to the vehicle, and cause loss of warranty claims.

Routine service


The routine service is an item that shall be checked before normal driving every day. So as to ensure that the vehicle can operate normally and continuously. It is the responsibility of the driver to carry out routine service.

The routine service and inspection may be carried out by the driver himself or, if necessary, by the dealership of BAIC Motor.

Precautions for routine service

Driver must pay attention to safety when carrying out routine service operations and observe the safety operation specifications to avoid injury to themselves or damage to the vehicle.

If the vehicle parts needs to be disassembled or replaced, the vehicle shall be repaired by professionals. If you have any questions about the maintenance and repair of the vehicle, please consult the dealership of BAIC Motor.

 If you must operate the engine in an enclosed environment, such as a garage, make sure there is proper ventilation to exhaust fumes.

⚠ Before routine service work, you shall take off loose clothes, curl up long hair, and take off bracelets, watches and other jewelry, wear gloves.

⚠ During daily inspection or regular service, foreign matter in the engine compartment shall be promptly removed, and do not leave gloves, rags and other flammable materials or tools in the engine compartment. The remaining items may cause engine failure or damage, or even fire.

⚠ Engine and exhaust system can generate high temperature during work, which can easily cause scalding. Therefore, wait for at least 30 minutes after the engine is turned off, and wait until the engine and exhaust system cool down before carrying out relevant routine service operations.

⚠ Do not allow sparkling objects, flames or sparks to approach parts of the fuel system and the battery.

⚠ Before carrying out the routine service, the vehicle shall be parked in a safe area or on a flat and load-bearing ground and parking brake shall be applied. Do not carry out routine service in unsafe areas such as heavy traffic, large crowds, flammable and explosive areas or on slope.

⚠ Do not get under the vehicle with only the jack assembly supporting it. If someone should get under the vehicle, please support the vehicle with a safety support frame.

⚠ Avoid direct skin contact with used engine oil or coolant.

⚠ When the Start/Stop button is in the "RUN" mode, do not disconnect or connect the battery cable or other electrical component connector.

⚠ When the engine is turned off, the pressure in the fuel line is still very high. Do not remove the fuel line. Please go to the dealership of BAIC Motor to repair the fuel system.

Vehicle exterior routine service items

Door and engine compartment hood

Check that all doors, engine compartment hood and trunk lid are opened and closed normally.

Check all door locks for proper function. Lubricate the hinges and door locks if necessary.

Check that the engine compartment hood hook can keep the engine compartment hood in a closed state after the shackle is released.

Tire

Before long-distance driving, carefully check whether the tires are damaged, cracked or excessively worn. Measure the tire atmospheric pressure with a tire pressure gauge and adjust the atmospheric pressure of all tires (including the spare tire) to the specified values (see "Tire and Wheels").

Vehicle lights

Check and make sure that headlamps, brake lamps, position lamps, turn signal lamps and other lighting fixtures are in working order and secure.

A/C inlet

The A/C air inlet is located at the bottom right of the windshield. Outside air is drawn in through the A/C inlet and enters through the A/C system.

Leaves and other debris on the A/C ventilating panel shall be cleaned regularly; Remove the snow on the windshield and windshield ventilating panels to keep the air inlet and water flow outlet of the A/C smooth, especially in rainy or snowy weather. Otherwise, the outlet of the flow channel may be blocked, affecting the A/C effect and even causing A/C system failure.

Vehicle interior routine service project

Parking brake

Operate EPB switch to ensure reliable parking.

Turning wheel

Check the turning wheel for excessive free travel, heavy turning or other abnormal noise.

Accelerator pedal

Check the accelerator pedal for proper operation. Make sure that the accelerator pedal is free of jamming and uneven floor mat and that the operation of the accelerator pedal is not hindered by the floor mat.

Driving brake pedal

Check the brake pedal for normal operation. Make sure of proper space beneath the brake pedal when it is completely pressed, and the floor mat will not hinder the operation of the brake pedal.


Seat belt

Check that all parts of the seat belt, such as buckles, tongues, and re-tractor, work properly and smoothly, and are securely attached. Check the seat belt straps for cracks, scratches, wear or damage.

Cleaning and maintenance of dashboard and plastic

Clean the dashboard and plastic parts regularly with clean soft cloth. And spray appropriate amount of dashboard wax for protection.

Special stains can be cleaned with special solvent-free plastic cleaning agent.

 Do not use solvent-containing cleaning agent to clean dashboard and airbag modules. Failure to do so may cause damage to the materials on the surface of the airbag module, which may result in serious injury during airbag deployment.

Cleaning and maintenance of leather

Use a vacuum cleaner to remove dust from the surface of the leather, and wipe the leather with a wrung-out damp soft cloth, then dry it with another dry soft cloth. When it is completely dry, it can be sprayed with a suitable amount of leather care agent for protection.

If it is insufficient to clean stains with the above cleaning, special leather cleaning agent can be used in conjunction.

◆ After wiping with a leather cleaning agent, dry it as soon as possible with a soft, dry cloth.

◆ Do not place the soft cloth soaked in cleaning agent on any part of the interior trim for a long time, so as to avoid local fading of the interior trim.

Routine service items of other parts

Indicator light, indicator light and buzzer

Ensure all indicator lights, indicator lights, and buzzers work properly.

Windshield defroster/demister

When operating the A/C system, check whether the air can be properly and sufficiently blown out of the vent of the defroster and defogger.

Wiper and washer

Check whether the wiper and washer work normally. If the wiper leaves a scratch after scraping, go to the dealership of BAIC Motor immediately to replace the wiper blade.

Windshield washing liquid

Check the reservoir with windshield washing liquid for sufficient washing liquid.

Fluid leakage

After the vehicle has been parking for a period of time, check whether there is fuel, oil, coolant or other leakage under the vehicle. It is normal for the A/C to drip after use. If a leak is detected or the gasoline smell is obvious, find out the cause and contact the dealership of BAIC Motor immediately for repair.

Brake fluid level

Make sure the brake fluid level in the brake fluid reservoir is between the MIN and MAX lines.

Engine coolant

Check the coolant level in the reservoir after the engine cools down.

Engine oil

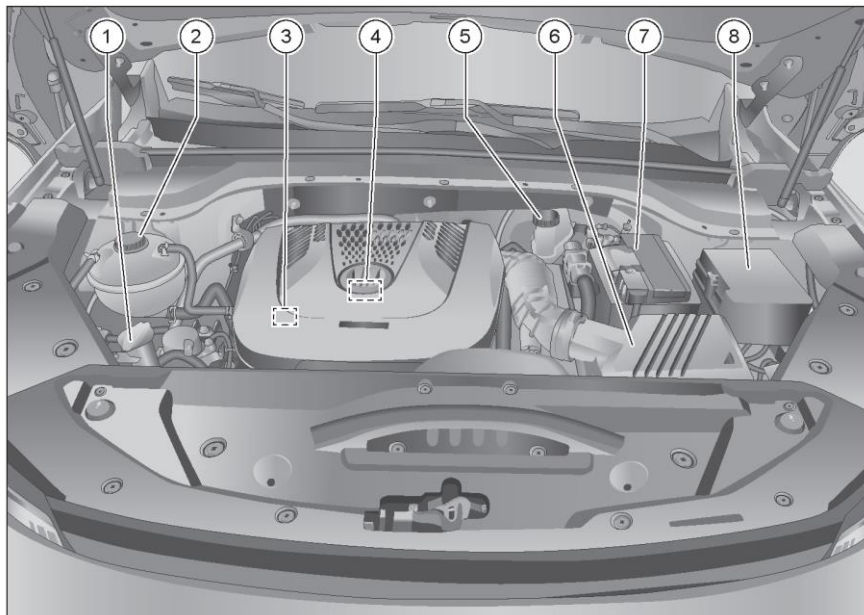
Park the vehicle on a flat, solid ground, turn off the engine, and check the level with an engine oil dipstick after 10 minutes (see "Oil Level of Engine Oil Check Method").

Engine accessory belt

Ensure that the accessory belt is not worn, loose, cracked or stained by oil.

Engine compartment

Layout of engine compartment




1. Windshield washing liquid reservoir filler cap
2. Engine coolant the fluid reservoir filler cap
3. Engine oil dipstick
4. Engine oil fuel filler cap
5. Brake fluid reservoir fuel filler cap
6. Air filter
7. Battery
8. Engine compartment fuse box


Safety instructions for working in engine compartment


The engine compartment is a dangerous area. Do not work in the engine compartment if you are not familiar with the necessary handling and general safety precautions, such as the lack of proper tools. Please deliver all the work to the dealership of BAIC Motor. Improper operation may cause injuries.


Before carrying out any work in the engine compartment, the following operations shall be carried out:


1. Park the vehicle in a safe area, flat and load-bearing ground;
2. Apply parking brake, set the gear position to "P" position or neutral, shut down the engine, and wait for the engine to cool down;
3. Keep children away from the vehicle;
4. Open the engine compartment hood;
5. Please ensure vehicle rolling will not happen accidentally.


 Do not open the engine compartment hood in case of scalding, if steam or coolant overflows the engine compartment before the engine compartment hood is opened! Do not open the hatch until the engine cools down and there is no visible steam or coolant overflow.


 If you must work while the engine is starting or running, always pay attention to prevent injuries to operators caused by rotating parts such as accessory belts, motor, cooling fans and high-voltage ignition system.

 Do not touch the cooling fan, which is temperature controlled and may be automatically started in a shutdown state of the engine.

 If working under the vehicle, take appropriate measures to prevent vehicle rolling, or support the vehicle with suitable supports. In this case, it is not advisable to use the onboard jack assembly to support the vehicle, so as to avoid injuring the operator under the vehicle!

 Do not carry out operations such as checking and adding fluid in the engine compartment when the engine is overheated, so as to avoid injury and scalding to the operator and even fire.

 When adding fluids, do not confuse various fluids, otherwise it may cause serious malfunction of the vehicle.


 Check the vehicle for engine oil leaks. Avoid fluid dripping onto the hot engine or exhaust devices, which may cause a fire.


Engine coolant

The coolant can prevent corrosion, cavitation leakage, radiator boiling, scaling and freezing. It can keep the cooling system in the best state and ensure the normal working temperature of engine.

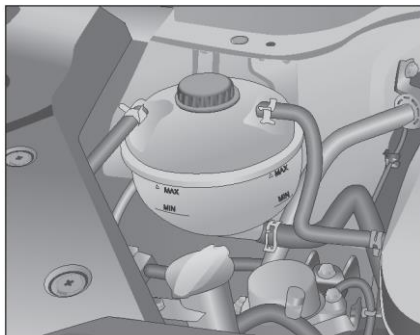
⚠ Never drive the vehicle under the state of no engine coolant; otherwise, the vehicle failure may be caused.

High engine coolant temperature indicator light

If the too high indicator light  of the engine coolant temperature goes on during driving, it indicates that the engine coolant temperature is too high.

⚠ Do not continue driving when the engine coolant temperature is so high that the indicator light  illuminates. Otherwise, the engine may be overheated and seriously damaged.

Liquid level inspection for the engine coolant



Check the level of the coolant after the engine cools down.

MAX: maximum mark of coolant.

MIN: minimum mark of coolant.

The coolant level should be between the upper limit mark and the lower limit mark.

If the liquid level is lower than the minimum mark, the specified type of coolant should be added in time.

Supplement to engine coolant

Check the coolant level after the engine cools down. If minor deficiency of coolant occurs, open the filler cap of the coolant reservoir and add coolant by keeping the level between the maximum mark and the minimum mark.

If a large amount of coolant is missing or often missing, please go to the dealership of BAIC Motor to check the vehicle cooling system.

⚠ Before the engine cools down, do not open the filler cap of the coolant reservoir, because the coolant temperature is very high at this time, and hot coolant or steam may eject and cause scalding.

⚠ Do not mix different types or brands of coolants, or add in other liquids or additives to the coolant. Otherwise, the engine may be damaged.

⚠ If the coolant in the coolant reservoir fades or changes color, the coolant shall be replaced in time.

👁️ Please go to the dealership of BAIC Motor for engine coolant replenishment and replacement.

Replacement of engine coolant

Please refer to the Maintenance Information Form for regular replacing the engine coolant. Please go to the dealership of BAIC Motor for replacement.

⚠️ In winter or cold areas should be replaced with ambient temperature with stronger anti-freezing coolant to prevent the engine from being frozen.

🔒 The coolant must be kept in a closed container and kept out of the reach of children.

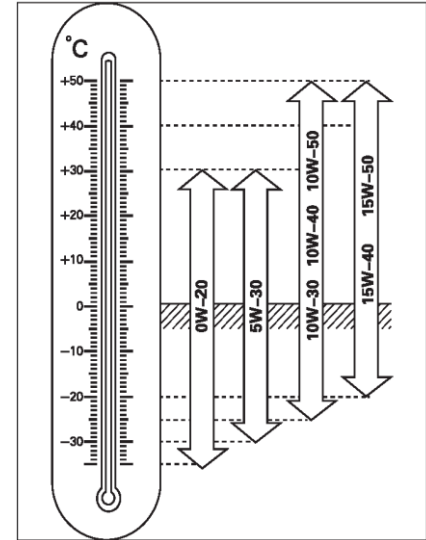
Engine oil

General instructions

Replace the engine oil regularly according to the Maintenance Information Form. Please go to the dealership of BAIC Motor for replacement. Only by changing the engine oil as required can the service life of the engine be guaranteed.

When purchasing the engine oil, please check whether the model specification on the outer packaging of the engine oil is suitable for the engine of this vehicle and the corresponding usage environment.


i The engine oil model for ex-factory vehicles is SP/C5 0W-20.





Recommended SAE viscosity for engine oil

Please choose the right engine oil according to your ambient temperature.

Engine oil pressure indicator light

After the engine is started, if the indicator light for engine oil pressure  constantly illuminates, it indicates the engine lubricating system fails. You must immediately shut down the engine and check the engine oil level.

If the oil level is normal, but the indicator light still goes on, do not continue driving. At this time, turn off the engine and contact the dealership of BAIC Motor for inspection and repair of the engine system.

 If you continue to drive after the engine oil pressure indicator light  goes on, the engine will be seriously damaged.

Inspection method of engine oil level

Check the engine oil level by means of a engine oil dipstick:

1. Park the vehicle on a flat and solid ground;
2. Start the engine and warm it up until the engine reaches normal operating temperature (about 5 minutes);

3. Turn off the engine and wait at least 10 minutes for the engine oil to flow back to the pan;
4. Pull out the engine oil scale vertically, wipe off oil stains on the scale with a clean rag, and re-insert the scale to the bottom;
5. Pull out the engine oil dipstick again and check that the level is between the upper minimum mark.

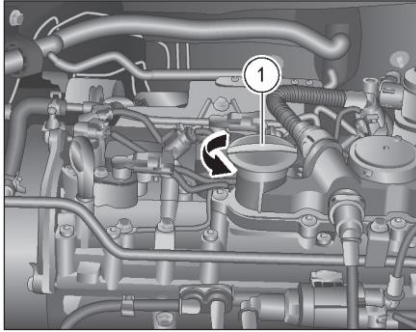


- ①: Engine oil maximum mark
②: Engine oil minimum mark


Engine running will consume a certain amount of engine oil. The amount of engine oil consumed depends on the driving style and vehicle use. Therefore, the oil level must be checked regularly, preferably after each filling of fuel and before long-distance driving.


Supplement of engine oil

1. Park the vehicle on a flat and solid ground;
2. Open the engine compartment hood;
3. Remove the engine trim cover;
4. Before filling the engine oil, blow the dust off the filler cap with high-pressure air;
5. Put a rag around the filler to prevent engine oil from dripping on the engine. Unscrew the filler cap ① in counterclockwise, wipe off dust in the fan-shaped area of the engine oil filling port with a clean wet cloth, and clean dust or particles in the fan-shaped area and O-ring of the filler cap with high-pressure air before filling the engine oil.




6. To avoid overfilling of engine oil, fill the engine oil several times in small amounts. Fill a small amount of engine oil each time and check the oil level (it takes several minutes for the engine oil to flow from the filler to the oil level);
7. When the oil level reaches the upper mark, stop filling the engine oil and tighten the oil filler cap clockwise;
8. Put away the rag and clean areas around the filling port.

 If the oil level exceeds the maximum mark, do not start the engine. Otherwise, the catalytic converter and engine may be damaged. Contact the dealership of BAIC Motor to remove the excess engine oil if overfilled.

 Engine oil is highly flammable. Be careful when filling engine oil. Do not spill engine oil on engine parts or exhaust system parts that are in a hot state.


Change of engine oil


 Be sure to change the engine oil regularly according to the Maintenance Information Form. Please go to the dealership of BAIC Motor to change the engine oil.


When the vehicle is running in bad conditions, such as:


- Frequent short-distance driving.
- Long period of running it at idle speed (e.g. taxi).
- Driving in dusty areas.
- Frequent trailer driving.
- Driving in alpine areas.


The maintenance frequency of related items must be increased between regular services or the maintenance interval must be shortened.


 New engine oil will quickly change color after the engine has been running for a period of time, this is normal and does not require an early oil change.



 Dealing with waste oil is a highly specialized job, which requires appropriate expertise and necessary special tools. It is recommended to be recycled by the dealership of BAIC Motor.


 Waste oil is very harmful to the environment and water source. Do not pour waste oil down the drain or onto the soil or lawn.


 Never mix different types or brands of engine oil.

 Too little engine oil may damage the engine; Filling too much engine oil can also damage the engine and the catalytic converter.


 In winter or severe cold area should be replaced with the ambient temperature with stronger anti-freezing engine oil, in order to facilitate the low-temperature start-up and good lubrication of the engine.


 If you continue to drive after the engine oil pressure indicator light  goes on, the engine will be seriously damaged.

 Do not replace the engine oil by yourself without relevant professional knowledge and tools.

 Be careful not to touch the radiator hose when checking or adding engine oil, because the radiator hose is very hot and may burn you.

 Wash skin thoroughly if engine oil is on it.

 Do not add any other additives to the engine oil as this may damage the engine.


 The engine oil filler cap must always be in the tightening state in case of splashing oil when the engine operates and causing a fire.


Brake fluid


General instructions


Brake fluid are used to transmit pressure in hydraulic brake system of the vehicle.


If the brake pedal stroke becomes longer unexpectedly or the brake fluid level drops significantly, contact the dealership of BAIC Motor for inspection and repair the brake system.

 The brake fluid is highly absorbent, so it should be stored in a closed container to prevent the deterioration of the brake fluid.


 Keep brake fluid out of reach of children. For accidental drinking of the brake fluid, please seek medical advice immediately.


 Avoid skin or eye contact with brake fluid. In case of accidental contact, rinse immediately with plenty of water and seek medical advice in time.

 The brake fluid is corrosive to the body paint, so the brake fluid splashed on the paint shall be removed in time.

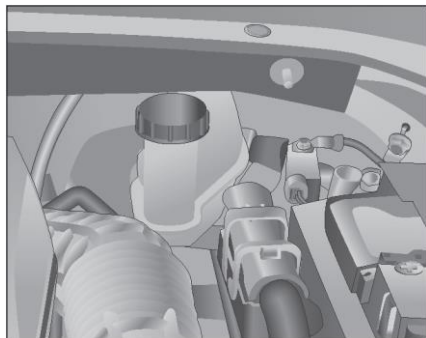
 Be careful not to splash the brake fluid into the hot Engine, otherwise it may cause a fire.

Brake system failure/low brake fluid level indicator light

If the low brake system failure/brake fluid indicator light  illuminates during driving, it indicates that the brake system failure or brake fluid level is low.

 If this indicator light goes on during driving, do not press the brake pedal repeatedly. Stop the vehicle immediately and check the brake fluid level. If necessary, contact the dealership of BAIC Motor to inspect and repair the brake system.

Inspection of brake fluid level



Observe the markings on the brake fluid reservoir.

"MAX": brake fluid maximum mark.

"MIN": brake fluid minimum mark.

The brake fluid level shall be located between the maximum mark and the minimum mark.

If the liquid level drops significantly in a short time, it indicates that the brake system is leaking. In this case, please contact the dealership of BAIC Motor for inspection and repair of the brake system as soon as possible.

Supplement to brake fluid

If the fluid level is lower than the minimum mark, brake fluid must be added in time.

⚠ It is forbidden to mix different brands or models of brake fluid and use waste brake fluid, so as not to reduce brake efficiency and lead to brake system failure.

👁 Please go to the dealership of BAIC Motor to replenish and replace the brake fluid.

⚠ The brake fluid level must not exceed the "MAX" maximum mark to avoid paint corrosion, parts contamination, and even fire.

Replacement of brake fluid

To ensure normal operation of the brake system, the brake fluid shall be replaced regularly in accordance with the Maintenance Information Form. Please go to the dealership of BAIC Motor to change the brake fluid.

⚠ Failure to replace the brake fluid on schedule may result in failure of the brake system and serious accidents.


⚠ If the brake fluid level is below the minimum mark of the reservoir, do not drive the vehicle to avoid accident.


⚠ If the brake fluid remains in the hydraulic system for many years, the brake fluid will deteriorate. During braking, air resistance will be produced in the brake pipeline, which affects the brake efficiency and driving safety, and may even cause complete failure of the brake system, thus causing accidents.


Battery


Battery operation warning symbols and their explanations


1		Open flames, sparks, bright lights, and smoking are prohibited in the workplace!
2		Protective goggles must be worn during operation!
3		Keep children away from electrolyte and battery!
4		Protective gloves and goggles must be worn when battery electrolyte is highly corrosive.
5		Be sure to read the battery's instruction manual carefully before you start work!
6		Explosive gas mixtures can be produced during charging of battery!


 It is prohibited to allow sparking objects, flames or spark near the battery.

 Do not short circuit the battery terminal, otherwise the high-energy sparks generated by the short circuit may injure the operator.

 If you splash acid into your eyes, rinse immediately with clean water for several minutes, and then seek medical advice immediately. If the acid is splashed on your skin or clothes, absorb it immediately with dry rag, and then rinse with soapy water and water. If you drink acid by mistake, seek medical advice immediately.

 Before operating the battery, the body shall be touched to eliminate any static build-up that may create spark that could ignite highly explosive battery.

 The acid in the battery is strongly corrosive, so protective gloves and glasses shall be worn. Do NOT turn batteries. Otherwise, the acid inside will flow out of their exhaust hole.

 Children should be kept away from acid and battery.

Description of environmental protection



The battery contains pollutants. It is illegal to discard the battery with household wastes.

Battery must be collected separately and recycled in an environmental protection manner.



Dispose of the battery in an environmental protection manner. Send depleted battery to the dealership of BAIC Motor or special battery recycling facility.

Inspection of battery

1. Check whether the battery is fixed properly;
2. Check the positive and negative cables connectors of battery for looseness and corrosion;
3. Check the battery positive and negative cables insulation for damage;
4. Keep the battery dry and clean to prevent blockage of battery vents.


If the vehicle requires long distance driving or the battery has been used for more than 1 year, the driver should go to the dealership of BAIC Motor for checking the battery power.


Jump start

If you need to jump start the engine, see Jump Start. If the engine cannot be started by jumping, replace the battery. Please contact the dealership of BAIC Motor to replace the battery.

Battery charging

If the vehicle is parked for a long time, frequently started, or frequently driven for short distances in cold environments, it may cause a battery loss and prevent the vehicle from starting, requiring additional charging of the battery. Please go to the dealership of BAIC Motor for charging.

 Do not charge the battery when the battery is not removed. Otherwise, the electrical components of the vehicle may be seriously damaged.

 In cold environments, if the battery is frozen, do not try to charge it as there is a risk of explosion.

Protection in winter

This is because the battery can provide less starting power at cold temperatures than at normal temperatures. Therefore, before the beginning of winter, it is best to go to the dealership of BAIC Motor to check the battery, and if necessary, charge or replace the battery.

In particularly cold climates, the battery takes longer to charge, and if the battery is undercharged, the battery electrolyte will freeze and damage the battery. The battery must be checked regularly for ensuring the effectiveness.

If the vehicle is to be stored in extreme cold for several weeks or longer, remove the battery and store it in a room at room temperature to protect the battery from damage.

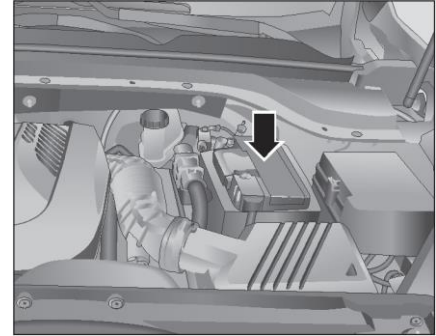
Vehicle not in use for a long time

When the vehicle is not used for more than a month, the negative cables of the battery shall be disconnected and the battery shall be charged once a month.


If the vehicle is left unused for a long time without charging the battery, the battery will lose effectiveness due to self-discharge.

Replacement of battery

Be sure to carefully read and observe the relevant safety warnings for battery operations before starting work.



When replacing a battery, ensure that it is correctly mounted. Ensure that the battery tray and platen are properly secured to prevent the battery from moving in an accident or emergency brake.

 When removing the battery, remove the intelligent battery sensor (IBS) connector first, and then the negative cables, and the positive cables. All electrical appliances shall be turned off before reconnecting the battery again. First connect the positive cable, then the negative cable, and finally the intelligent battery sensor (IBS) connector.

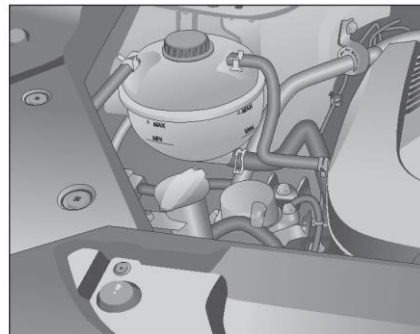
▲ The battery can only be replaced with the original one to ensure the normal use of the "Smart Power Manager" function.

▲ Removing and installing batteries requires certain professional skills and tools, as in some cases, it may damage the battery and fuse box. It is recommended to replace the battery at the dealership of BAIC Motor.

🔍 Suggestions for battery maintenance and prevention of abnormal power consumption:

- After the stop is turned off, make sure that all doors and lights are turned off, and lock the vehicle in time. This is the most power-saving mode of the vehicle in anti-theft state.
- When the engine is not started, avoid using the electrical devices equipment (interior stereo, lights, 12 V power supply, A/C, etc.) for a long time to prevent battery loss and engine failure to start.
- If the vehicle is not used for a long time, it is recommended to remove the negative pole of the battery to avoid battery loss damage caused by vehicle quiescent current.
- If the distances for daily driving are short or the vehicle travels at night for a long time, it is necessary to charge the battery regularly and safely outside the vehicle.
- Do not retrofit or increase electrical appliances of vehicle without permission to avoid battery loss damage caused by additional quiescent current.
- If it is difficult to start the vehicle, please go to the BAIC BJEV in time to carry out professional inspection on the battery and safely charge the battery outside the vehicle. Otherwise, if the battery is in power shortage state for a long time, the service life of the battery will be greatly reduced.


Windshield washer and wiper Windshield washing liquid addition





The washing liquid reservoir in the engine compartment supplies washing liquid for the windshield washer. If the windshield washer nozzle only ejects washing liquid intermittently, or nothing at all, the washing liquid may be insufficient. If the washing liquid level is found to be too low, the washing liquid shall be added to the reservoir in time.


If the windshield cleaning system does not work properly after adding enough washing liquid, please contact the dealership of BAIC Motor for inspection and repair.


Please use a specialized washing liquid for better cleaning effect. Fill the washing liquid slowly.

 When working in the engine compartment, be sure to observe the safety operating procedures.

 Do not add coolant or any other additives to the windshield washing liquid. Otherwise, greasy stains may be left when cleaning the window, which will seriously affect the vision and cause accidents.

 Special windshield washing liquid should be added in time to avoid dry wiping, otherwise it will damage the wiper blade and scratch the windshield easily.

 When the ambient temperature is lower than 0°C, washing liquid with corresponding anti-freezing capability shall be used.

 Do not allow dirt to enter the washing liquid as this may block or damage the washer nozzle.

Inspection of washer nozzle

If there is any debris near the washer nozzle, please clean it up in time; otherwise, the normal operation of the windshield washer may be affected.


Place the Keyless Start/Stop button in the "RUN" mode, turn the combination switch of wiper and washer to execute front and rear washer water spraying, and observe the water spraying pressure and position. If the spray pressure is too small or the spray position is incorrect, please go to the dealership of BAIC Motor for repair.


Inspection and cleaning of windshield wiper blade


Contamination of either windshield or wiper blade will reduce the wiping effect of the wiper. The main sources of pollution are dust, sediment, insects, tree sap and wax used by vehicle washing machines when washing the vehicle. If the wiper blade does not brush properly, high-quality cleaning agents or mild detergents shall be used to clean the windshield and wiper blade, and then rinse thoroughly with clean water.

The wiper blade cleaning steps are as follows:

1. When switching the Keyless Start/Stop button to "OFF" mode, the front wiper to "MIST" position within 30 s, and the front wiper will automatically reach the maintenance position;
2. Lift the wiper arm away from the windshield;
3. Grasp the wiper arm;
4. Carefully wipe off the dust and dirt on the wiper blade and windshield with a soft cloth;
5. After cleaning, gently put the wiper arm back to its original position;
6. Switch the Keyless Start/Stop button to the "RUN" mode, front wiper to any gear position, and the front wiper will automatically reset to the initial state.

 The wiper blade must maintain good state to get a clear view.

 To prevent the formation of wrinkles, the wiper blades should be cleaned regularly with windshield cleaner. If the wiper blade is very dirty, you can scrub the wiper blade with sponge and cloth.

 In cold weather, always check whether the wiper blade is frozen before opening the windshield washer. Do not open the windshield washer only when the wiper blade is unobstructed.

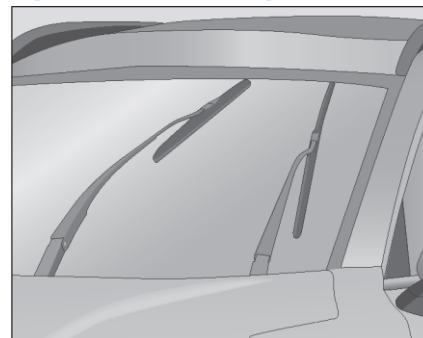
Replacement of windshield wiper blade

If there is a friction noise when the wiper blade is wiping, it may be caused by the following reasons:

- When washing the vehicle in the automatic vehicle washing equipment, the hard wax residue is consolidated on the windshield window. This friction noise can be eliminated by adding windshield cleaning agent that dissolves paraffin. Ordinary washing liquids which can only dissolve grease cannot clear such deposits.
- If the wiper blade is damaged, friction noise may also occur. In this case, replace the wiper blade.
- Dust or debris on the outer surface of the windshield.
- The positioning angle of the wiper arm is incorrect. If this is the case, please go to the dealership of BAIC Motor for checking and adjusting the positioning angle.

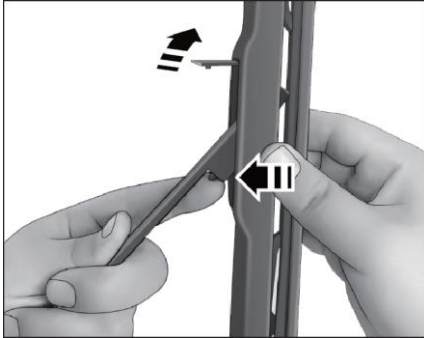
It is recommended that the wiper blade be checked regularly and replaced as required, otherwise the windshield will be damaged.

Replacement of windshield wiper blade

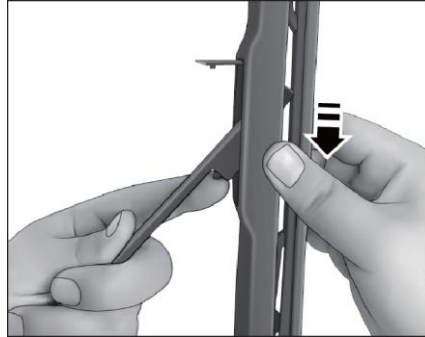


1. When switching the Keyless Start/Stop button to "OFF" mode, the front wiper to "MIST" position within 30 s, and the front wiper will automatically reach the maintenance position;
2. Lift the wiper arm away from the windshield. Use a thicker towel to pad the lower part of the wiper arm to prevent accidental rebound of the wiper arm from damaging the windshield;

ⓘ During the operation, make sure the interior power supply is turned off, so as to prevent accidental triggering of the wiper action, damages to the wiper arm or personal injuries.

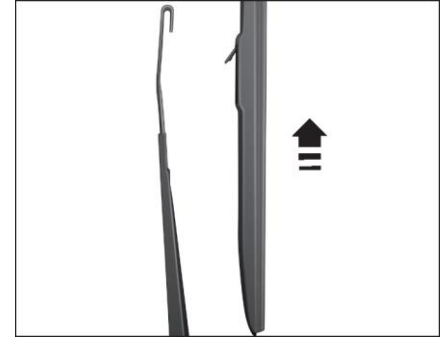


3. Open the cover and turn the wiper blade so that it is angulated 15° to the wiper arm;
4. Gently toggle the locking clip of the wiper blade with your index finger and hold it;



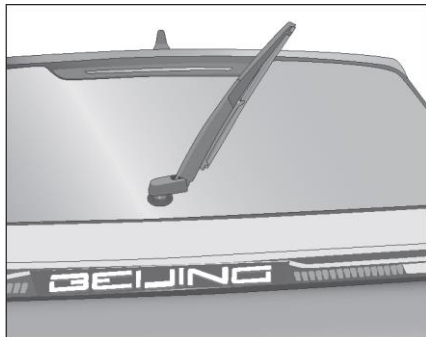
5. Hold the wiper blade and take down the wiper blade along the direction of arrow.

ⓘ Remove the wiper blade with caution. Use a thick towel to pad the underside of the wiper arm to prevent accidental bounce of the wiper arm and damage to the windshield.



6. Replace with a new wiper blade;
7. Snap the wiper blade upward into the wiper arm groove until a "click" sound is heard, indicating it is in place;
8. Check that the wiper blade is reliably installed, remove the towel and gently put the wiper arm back to its original position;
9. Switch the Keyless Start/Stop button to "RUN" mode, front wiper to any position, and the front wiper will automatically reset to the original state.

Replacement method for back window wiper blade




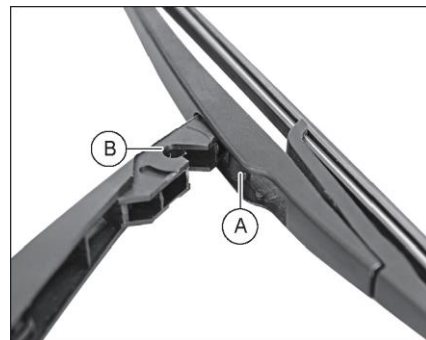
Replace wiper blade and wiper arm at the same time:

1. Lift the wiper arm away from the windshield, pad the lower part of the wiper arm with a thick towel to prevent accidental rebound of the wiper arm from damaging the windshield;
2. Hold the wiper arm, turn it counterclockwise to the limit position, and then continue to turn it slightly until you hear a "click" sound, and the wiper arm comes out of the wiper position;



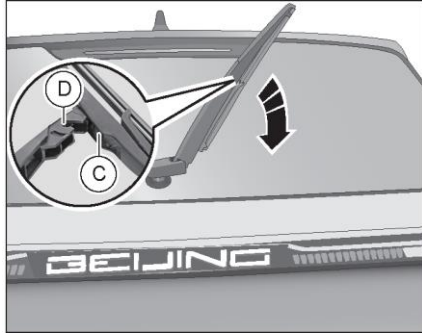
3. Draw out the wiper arm obliquely upward;

 After removing the wiper arm, be careful to prevent the wiper arm from bouncing back and damaging the windshield.



4. Replace with a new wiper arm;

5. Snap the bump A on the wiper arm support into the groove B on the wiper arm;



6. Turn the wiper arm clockwise so that the boss C snaps into the groove D on the wiper arm;
7. After installation, check that the wiper arm is installed reliably. Remove the towel and fold the wiper arm back onto the windshield.

⚠! Keep a good view during driving!

⚠ Clean the wiper blade and all windows regularly.

⚠ The wiper blade shall be replaced once or twice a year.

⚠ Please try to avoid dry scraping of windshield glass by the wiper blade which may cause aging and wear of rubber strip, affecting driving safety.

⚠ Before the replacement of wiper blade is completed, do not electrify the whole vehicle, so as to prevent the wiper from working suddenly after being electrified and damaging the windshield and engine compartment hood.

👁 After removing the wiper blade assembly, wiper arm carefully to avoid sudden rebound of the wiper arm and damage to the windshield.

Tire and wheel

Visual inspection of wheels and tires

Check all wheels before driving, and regularly check the tire for bulge, scratches, abnormal wear, cracks, and spikes. If the above phenomena occur, please contact the dealership of BAIC Motor for inspection and replacement.

Some damage to the tire is not easy to find, during driving if you find abnormal vibration, noise or deviation of the vehicle, a tire may be faulty, then you should immediately stop the vehicle, check the wheels and tires for damage while ensuring safety. Contact the dealership of BAIC Motor for inspection and repair if necessary.

Common causes of tire damage:

- Impact or rubbing curb.
- Drive quickly past deep potholes on the road.
- The tire pressure is too low or too high.


Regularly check the tire tread pattern depth and tread. Too low tread depth will reduce tire adhesion. Especially on the wet and slippery roads, it will increase the risk of hydrosliding and seriously threaten driving safety.



There are wear marks on the original tires, which are distributed on the tire circumference at the bottom of the tread pattern. If the tread is worn to the wear mark, replace the tire.

Check all wheels for valve caps and check the valve for dirt and air leakage. Do not install any parts on the valve.

Check the condition of the rim and replace the rim in time if it is distorted, cracked, corroded or badly scratched. If the wheel nut is often loose, replace the wheel and wheel nut.

 Do not continue driving after the tire has bulge, cracks, etc., because tire burst may occur in the process of driving, which may cause traffic accidents and injuries.

Inspection of tire pressure

Proper tire pressure will extend the life of the tire and at the same time improve comfort for driving the vehicle, fuel economy and handling stability.

When the tire pressure is too low, the tire wear will be aggravated, greatly affecting vehicle handling stability and fuel economy, and increasing the risk of tire failure. Excessive tire pressure will cause the vehicle to run unevenly and tire wear unevenly, thus reducing the useful life of the tire.

Check the tire pressure at least once a month. The tire pressure (including the spare tire) should also be checked after driving on rough roads or before a long drive. The spare tire pressure should be 4.2 bar.

The tire pressure must be checked under the cold state. A cold tire is a tire that has not been driven for at least three hours or has been driven for no more than 1.6 km vehicle.

See "Tire Information Nameplate" for the tire pressure standards in cold state.

Tire information nameplate



There is a nameplate about the tire Information on the left C-pillar, which can be seen when you open the left rear door. The nameplate shall be inflated according to the tire pressure specified above.

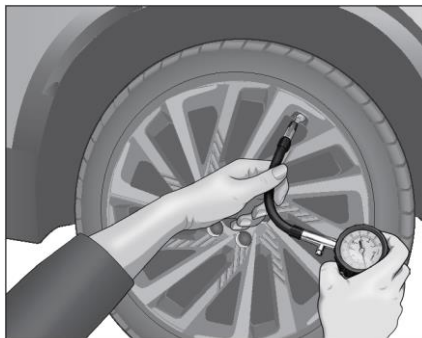
Check the tire pressure with an atmospheric pressure meter

A tire pressure gauge can be used to check the tire pressure when the tire is in cold state.



1. Unscrew the valve cap counterclockwise from the tire valve and check the valve for air leakage with soap;

i You can add some household washing liquid to the valve, observe whether there are bubbles, if there are bubbles, it means there is air leakage.



2. After pressing hard the tire pressure gauge against the valve, the atmospheric pressure meter will display the tire pressure;
3. Check and adjust the tire pressure until it meets the normal. For the standard of tire pressure, see "tire Information nameplate".

After inspection, be sure to put the valve cap back on the valve and perform tire pressure system initialization (if equipped) (see tire pressure system).

i After the vehicle has been running for a while, the tire pressure should increase by 0.2 to 0.5 bar. Check the tire pressure at this time. Do not deflate the tire in order to make the tire pressure normal, otherwise the cold state tire pressure will be lower than the normal.

⚠ If the tire pressure is obviously insufficient, the vehicle continues to run at high speed, the tire will continue to deform, which can easily lead to overheating and tire burst.

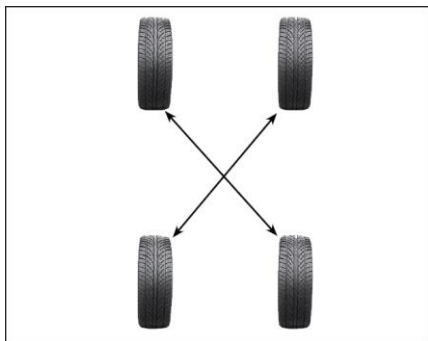
Tire rotation

The purpose of regular tire rotation is to make all the tire wears uniform and extend the overall service life of the tires. Carry out tire rotation every 10,000 km.

Before tire rotation, check whether the tire and wheel are damaged. If not, tire rotation and wheel alignment.


👁 During tire rotation, you must keep the front wheel in a better state.

👁 If a tire wear is uneven or excessive, you shall go to the dealership of BAIC Motor for wheel alignment.



During the tire rotation, the position should be transposed diagonally. The spare tire does not participate in transposition.

After tire rotation, ensure that all wheel nuts are tightened to 110 ± 10 N·m. And adjust the atmospheric pressure of all wheel to the specified values. Recheck the tightening of the wheel nuts after the vehicle travels for 1,000 km.

 Dirt on the joint between the wheel and the brake disc may cause the wheel nut to loosen, which may cause the wheel to fall off, causing accidents. Therefore, when replacing the wheel, rust or dirt shall be removed from the joint surface between the wheel and the brake disc.

Dynamic balance check of wheel

The wheels have been dynamically balanced before leaving the factory, but there are many factors that will affect the vehicle's wheel balance.

Dynamic imbalance of the wheel will cause the wheel to swing and the tire to wear abnormally, which will affect the stability of the vehicle. Therefore, you shall regularly check the dynamic balance of the wheels at the dealership of BAIC Motor.

Tire selection and replacement

Purchase of new tire



Check the vehicle tire information label so as to know the tire model and size as required.


On the same axle, the tire of the same brand, specification, size, pattern and new and old degree shall be used.


Replacement of tire


Replace new tires if one of the following occurs:


- The tire wear indication mark is worn.


- Cord or cord fabric in the tire rubber can be seen.
- The tread or tyre wall is cracked, and the crack is so deep that the cord fabric or cord thread can be seen.
- Tire bulge, uplift, or delamination.
- The tire is punctured, scratched or otherwise damaged, and the damaged size and gear are difficult to repair.
- The tire age (including the spare tire) shall reach 6 years from the date of manufacture.


 After replacing the tire, it is necessary to adjust the tire pressure to the standard value and carry out the tire pressure system initialization (if equipped) (see "Tire Information").

 Do not use old tire of unknown origin, because such tire may be damaged without visible damage, which may cause loss of control of the vehicle and cause accidents.

 Mixing tire of different brands, constructions (radial and bias tire), sizes and patterns will adversely affect the brake and maneuverability of the vehicle and may result in accidents.

 The adhesion of new tires may not reach the best state within the first 500 km distance. Therefore, the vehicle shall be driven carefully at an appropriate speed to achieve good running-in new tires and prevent accidents.

 Tire will age over time, even if it is not used. The tire should be replaced after 6 years of age, regardless of the amount of tread remaining.

 Frequently driving in hot conditions or overload will cause the tire to overheat and accelerate aging, and the life of the tire will be shortened. Check the tire more frequently to prevent the sudden bursting of the tire.

Handling of unexpected tire burst

In case of tire burst, the following measures are recommended:

- If a certain front wheel bursts, the vehicle will deflect to that side due to the drag of the flat tire. In this case, you should immediately release the accelerator pedal, firmly hold the turning wheel to control the turning, keep the vehicle in the original lane, and gently press the brake pedal, park the vehicle in the emergency lane or a safe place, change the spare tire to the rear wheel, and then install the rear wheel to the faulty front wheel.
- If one of the rear wheels tire bursts, the vehicle may have abnormal vibration and noise during driving, but the turning can still be controlled. At this point, release the accelerator pedal, turn the turning wheel to the desired vehicle to maintain control of the vehicle, and gently step on the brake pedal, park the vehicle in the emergency lane or a safe place, and then replace the spare tire.

Replacement of rim

If the rim is distorted, cracked, corroded or badly scratched, replace the rim. If tire leak is caused by rim damage, the rim shall also be replaced (except for some repairable aluminum rim).

The load capacity, specifications, offset distance, and installation dimensions of the new rim should be the same as the original rim, and the installation method should also be the same.

⚠ Using out-of-specification rim can also cause problems with bearing life, brake cooling, speedometer and odometer calibration, ground clearance, tire or tire chain, and clearance of the body and chassis.

⚠ Using inappropriate rim will affect the brake and maneuverability of the vehicle. It may cause the tire to come out of the rim and cause the vehicle to get out of control.

⚠ It is also dangerous to replace the vehicle with old rim. Because it is impossible to know how an old rim has been used or how many distance it has been driven, there may be hidden cracks that can cause accidents.

Winter tire

i In winter the tire will greatly improve the handling stability of the vehicle driving on the ice and snow-covered roads. It is recommended to change the winter tire when the temperature is below -7°C .

⚠ If the winter tire is installed with a maximum permissible speed lower than the maximum design speed of the vehicle, an appropriate warning label must be displayed within sight of the driver.

⚠ Do not exceed the maximum allowable speed of the winter tires packed. If the speed exceeds the maximum allowable speed of the winter tire, the tire may suddenly lose pressure, peel off, or even tire burst, which can easily cause accidents!

It is recommended to use winter tires of the same size as the original wheels and replace all four wheels.

In winter, installing winter tires can greatly improve the handling stability of the vehicle.

Once the temperature rises above 7°C , you should immediately switch to summer tire, because the handling stability of summer tire is better than that of winter tire when driving on ice and snow free roads

Tire chain

Do not install tire chain that are not approved by BAIC. Improper snow tire chains can damage vehicle tires, rims, brakes and body. When using, please pay attention to the following requirements:


- The tire chain can only be installed on the drive wheel (front wheel);
- Observe the tire chain installation instructions and the speed restrictions for different road conditions.
- To avoid tire damages and excessive wear of the tires chain, be sure to remove the tire chain when driving on a snowless road.


Cleaning of vehicle


Exterior cleaning


Clean the vehicle

Regular vehicle care is necessary to maintain the quality of vehicle in the long term.

 Do not use gasoline, turpentine, engine oil, nail polish remover or other volatile fluids to maintain the vehicle, which are toxic and highly flammable and can easily cause fire and explosion!

 After the vehicle is cleaned, the braking effect may degrade. There is a risk of accident. After cleaning the vehicle, it shall be driven at low speed for a few minutes, and the brake pedal shall be pressed several times to dry the brake quickly and restore its brake efficiency while ensuring driving safety.

 Do not use strong household soap, strong chemical detergent and other solvents to clean the vehicle surface.

 Don't clean the vehicle when the body surface is very hot, otherwise water spots will form on the paint surface.


 Don't clean the vehicle in direct sunlight.

When to clean the vehicle

Please clean the vehicle to protect the body paint when:

- The surface paint may be damaged due to acidic rainwater after driving in rainy days.
- After driving on the road near the coast, the car body may rust due to seawater erosion.
- Contaminants such as soot, bird droppings, tree grease, metal particles or insect carcasses may cause damage to the body.
- Damage to the body may occur when dust or mud is left in lumps.

Clean the vehicle with the automatic washer

 Vehicle with sunroof can also be washed in the automatic wash facility, but the final hot wax treatment needs to be eliminated as the wax can invade the roof and damage it after a long period of time.

Manual cleaning

When cleaning the vehicle, pay attention to the following points:

- Do not use hot water or clean the vehicle in direct sunlight.
- Clean with soft sponge.
- Use neutral cleaning agent.
- Wash the vehicle thoroughly with a gentle jet of water.
- Do not aim the water gun directly at the air inlet.
- Rinse the wash the vehicle and dry the vehicle thoroughly with tanned leather.
- Flush the sponge frequently with plenty of water.
- Ensure that the drain hole under the door is unblocked.
- Joints, doors, windows and engine compartment hood are most vulnerable to ice-removal salt. Therefore, these places must be wiped clean frequently.
- Do not allow the cleaning agent on the paint to air dry.



Do not use strong household soap, strong chemical detergent and other solvents to clean the vehicle surface.

It is forbidden to flush the engine compartment with water. Otherwise, it may cause malfunction of electrical wiring, engine and related parts in the engine compartment.

Do not allow water or other liquids to contact the electrical components and vents in the vehicle; otherwise, the electrical components may be damaged.

Remove stains

Timely remove tar on the bottom of the vehicle or stains, chemical pollutants, insect carcasses, tree dripping grease and fruit juice, etc. on other places to avoid damage to the body paint.

Vehicle waxing

Regular waxing of vehicle protects the paint and helps keep the vehicle beautiful.

After waxing, it is necessary to polish to remove the remaining wax on the body.

Please clean the vehicle thoroughly before waxing.

Do not use waxes that contain abrasives, mixtures or cleaning agent, as they may damage the body.

Cleaning the components

Wipe the window outside the vehicle

Clean windshield, window and side mirrors with an alcohol-based window cleaning agent, then dry the window with a clean nonwoven fabric or suede.


When removing the dust from the windshield, do not use a dry rag or duster to wipe the windshield directly, because the dust contains a lot of fine sand, which will leave scratches on the window.

Maintenance of vehicle bottom

In areas where antifreeze salt is used on the road in winter, the bottom of the vehicle should be clean the vehicle in time to prevent dirt or salt accumulation from corroding the system parts of the suspension. In winter or spring, the bottom of the vehicle for corrosion protection and sealing must be checked. If necessary, contact the dealership of BAIC Motor for repair. Cleaning aluminum rim

Aluminum rim should be cleaned frequently, especially in areas where ice-removal salt is used on the roads in winter. If the wheel is stained with salt, it will corrode the rim and discolor it.

Do not use cleaning agent containing strong acids or alkalis to clean the wheel, so as not to corrode the rim.

 After using the cleaning agent, it is necessary to wash the vehicle to rinse the cleaning agent off within 15 minutes, avoiding to leave marks on the rim.

Wheel

- The inside of the wheel must be cleaned during car washing.
- Do not use abrasive cleaning agent when cleaning wheels.
- Regularly check the rim and flange for deformation or erosion. Deformation or erosion may cause the wheel to leak or damage the edges of the tire.
- Remove the small stones embedded in the tire pattern in time to avoid affecting the tire performance.
- It is recommended to wax the wheels to reduce the corrosive effect of dirt on the wheels.

Cleaning of chrome-plated parts

It is recommended to clean chrome-plated parts regularly with chrome polishing agent free of abrasives, so as to keep them shiny.

Internal cleaning of vehicle

Wipe the window inside the vehicle

Do not use a knife-edged tool or chlorinated disinfectant for wiping interior glasses. Otherwise, they might damage wires of the demister on the back window.

When the interior window fogs up in winter, spray some special window anti-fog agent to prevent fogging.

Seat belt


The seat belt straps can be brushed with a sponge soaked with neutral washing liquid.

Cleaned seat belt webbing should be dried before use, do not directly return the wet webbing to the retractor, so as not to damage the retractor.

Do not use bleaching powder, dye or chemical solvent to clean the seat belt webbing, otherwise it will be seriously damaged.

Floor mat

Whatever floor mat is used, make sure it is suitable for the vehicle and fixed correctly and reliably so as not to hinder the pedal operation.

 Unfixed floor mat may obstruct the operation of brake pedal and accelerator pedal after the floor mat slides, causing serious accidents.

Anti-corrosion measures

Protect the vehicle from corrosion

🔍 You must clean the vehicle frequently and do waxing, so as to keep it clean.

🔍 Always check for minor paint damage and repair it as soon as possible.

🔍 Check the bottom of the body for accumulations of grit, dirt, or salt. If any, rinse as soon as possible.

🔍 Do not allow water or other liquids to contact with the electrical components in the vehicle, otherwise the electrical components will be damaged.

🔍 Do not rinse the passenger compartment with water directly to remove dirt, sand or other debris. Instead, remove dirt with vacuum cleaner or broom.

Due to the corrosive nature of road antifreeze and deicing agents, they will accelerate the corrosion of underbody parts such as exhaust system, parking brake control handle cables, brake lines, floor pans and fenders. Therefore, it is necessary to clean the bottom of the vehicle in time after driving on this kind of road.

Other anti-rust and anti-corrosion measures may have special requirements in some areas, please consult the dealership of BAIC Motor.

The most common causes of vehicle corrosion

- Wet dirt or debris accumulates in the body sheet metal cavity or other parts.
- Damage to paint or other protective coverings caused by sand, small stones or small accidents.

Recovery and environmental protection

Material recycling

Plastic

Plastic and rubber parts are marked in accordance with the regulations in force. To facilitate recycling, the range of materials used has been limited: most plastic are thermoplastics materials that can be recycled by melting, granulating and crushing.

Metal

100% recyclable.

Glass

It can be disassembled and disposed by the window manufacturer.

Rubber

After being crushed, the tire and sealing ring can be used as waterproof membrane, rubber track, etc.

Environmental protection

Entrust the vehicle to the dealership of BAIC Motor for maintenance, so as to control various pollutions and hazards and make contributions to the environmental protection.

Scrapped or damaged parts

It cannot be thrown away casually, recycling and environmental protection measures are provided by the dealership of BAIC Motor.

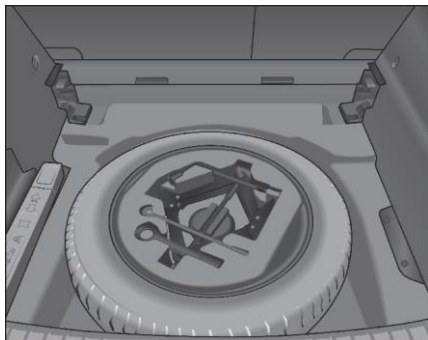
Waste oil

Dealership of BAIC Motor is responsible for collecting and disposing, and being entrusted with replacement to control various pollution hazards.

Waste battery and battery

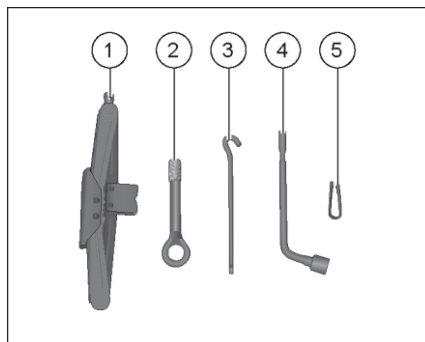
Don't throw away battery and remote control battery. They are harmful to the environment. Please take them to an approved collection point.

Driver's tools



The driver's tool box is under the trunk lid. When it is used, please open the trunk lid, pull up the handle of the trunk lid and lift it to the highest gear.

i After using the driver's tools box, it shall be put away to avoid abnormal noise, convenient for next use.



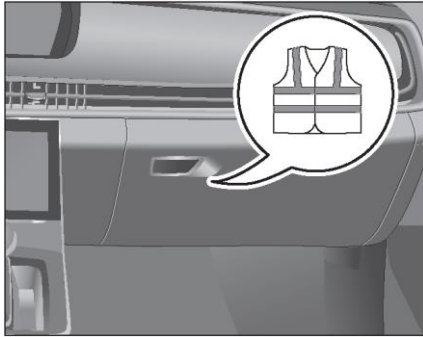
Open the tool box and the tools available are as follows:

- ① Jack assembly
- ② Front tow hook
- ③ Jack rocker
- ④ Wheel nut wrench
- ⑤ Wheel nut cover removal tool

⚠ Improper use of jack assembly may cause serious injuries.

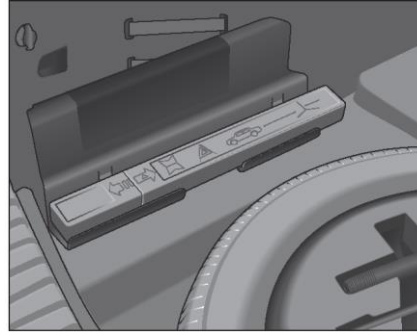
- The jack assembly is a lifting device provided for emergency wheel replacement. It cannot be used to support the vehicle for a long time, and only one wheel can be lifted at a time.
- The attached jack assembly can only be used to replace the wheel. It shall not be used for lift other heavy objects or vehicle.
- Use the jack assembly only on flat and solid ground.
- Do not start the engine when using the jack assembly, otherwise it is easy to cause accidents.
- If work must be carried out under the vehicle, a suitable protective support shall be placed under the vehicle.
- When lift the vehicle with a jack assembly, remember not to place any part of your body under the vehicle to avoid accidents.

Reflective vest

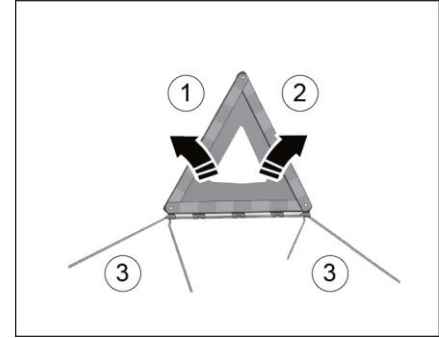


Reflective vests are provided in the glove box for use by the driver and passengers when dealing with vehicle breakdowns at night or in low visibility conditions to improve their visibility outside the vehicle.

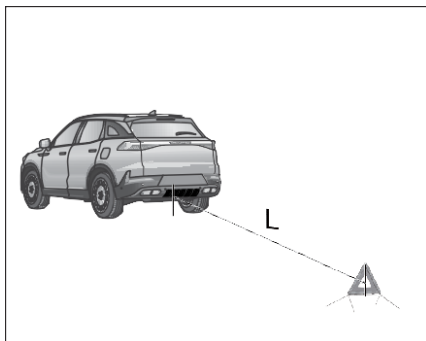
Warning triangle



The warning triangle is fixed under the floor mat of the trunk. When it is used, please open the trunk lid, pull up the handle of the trunk lid and lift it to the highest gear.



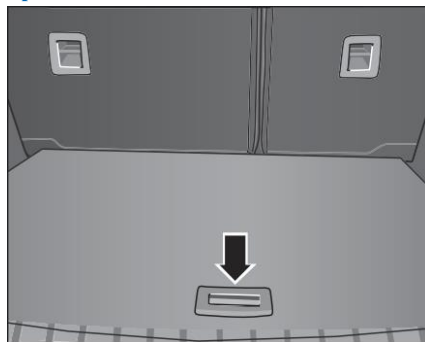
When it is used, pull apart the two hems ① and ② of the warning triangle and fasten the latches at the top. Pull the bottom four brackets ③ apart and place them on the ground behind the vehicle with the warning triangle reflector facing back.



Road type	General highway	Expressway
Placement distance L	50-100m	≥150m

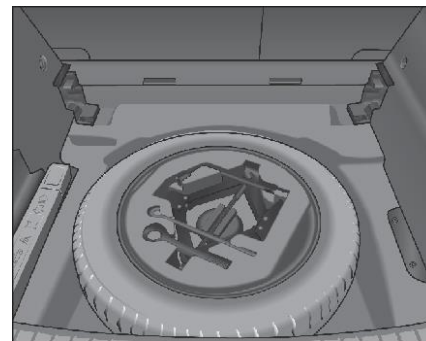
i This is only a guide. Please place the warning triangle at a distance specified by traffic regulations.

Spare tire

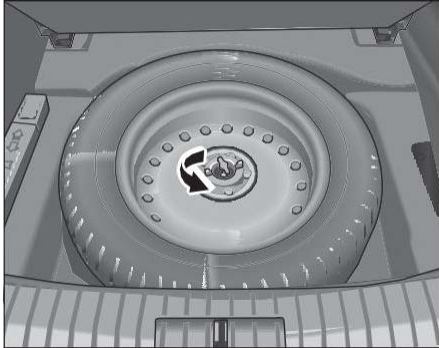


The spare tire is placed under the trunk lid. Take it out for use according to the following steps:

1. Open the trunk lid;
2. Lift up the trunk lid handle;



3. Lift up the trunk lid completely and take out the driver's tools box;



4. Unscrew the special-shaped fixing screw in the center of the spare tire counterclockwise by hand and take out the spare tire.

◆ The spare tire can only be used for a short time. The maximum vehicle speed should not exceed 80km/h.

◆ Do not use 2 or more spare tires for driving.

◆ The rim and tire dimensions of the spare tire may differ from the damaged wheel. After installing the spare tire, the handling of the vehicle changes. Please rationally control vehicle speed, and avoid abrupt acceleration and emergency braking.

Replace the spare tire

If tire burst, puncture, bulge, air leakage, etc. are found, the vehicle shall be driven slowly to a flat and safe place to replace the spare tire to avoid further damage to the tire and rim. At the same time, the hazard warning light shall be turned on and the warning triangle shall be placed at the specified distance behind the vehicle.

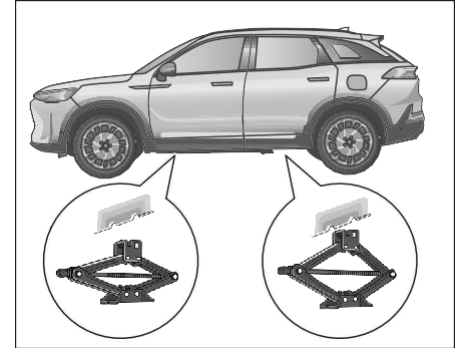
⚠ Changing the wheel is dangerous. The vehicle may slide off the jack assembly, tip over, and crush on the operator or others, causing serious injury or death. Please replace the wheel on a safe, flat and solid ground. Relevant regulations must be strictly observed. All occupants must leave the vehicle and wait in a safe place.

⚠ To prevent the vehicle from moving, the following measures shall be taken:

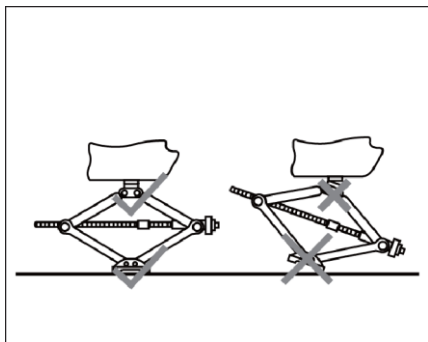
- Apply parking brake.
- Shift the gear into "P" position.
- Turn off the engine. Do not start the engine when lifting the vehicle.

- Do not leave any personnel in the vehicle.

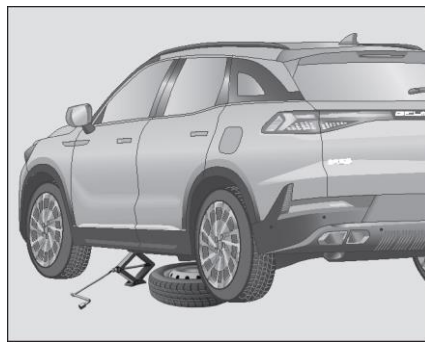
Removal of faulty wheels



1. Place suitable blocks in front of and behind the wheel diagonally opposite to the faulty wheel to prevent movement of the vehicle during jacking;
2. Place the jack assembly on the correct support. Ensure that the jack assembly is placed on a flat and solid ground;



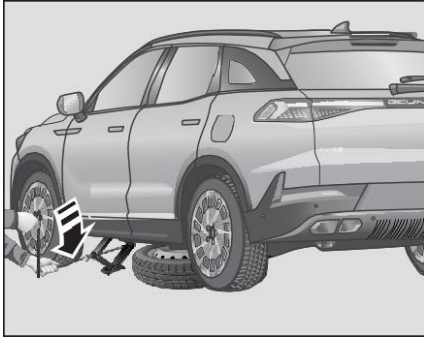
◆ Make sure that the jack assembly jacks up the vehicle vertically.



3. Rotate the jack rocker to make the jack head notch catch the body support, but do not jack up the vehicle;
4. Place the spare tire under the body on the faulty wheel side as a precaution;



5. Remove the wheel nut cover with the wheel nut cover remover;
 6. Unscrew loose the faulty wheel nuts in counterclockwise with a wheel nut wrench;
- i** Unscrew the faulty wheel nuts before the vehicle is completely lifted up. Do not remove the wheel nuts until the wheel is off the ground.



7. Turn the jack assembly clockwise to lift the vehicle until the faulty wheel is off the ground;
8. Remove the wheel nuts and then remove the faulty wheel. Place the faulty wheel in a suitable position under the vehicle, and replace it with a spare tire.

⚠ When the vehicle is running, the heat generated by the use of the brake system will cause the wheel nuts to become hot. Be careful when removing them.

⚠ Strictly observe the precautions of jack assembly.

⚠ Do not jack up the vehicle at a position other than the specified support.

⚠ Do not use cushion blocks on or under jack assembly.

⚠ Do not use a jack assembly other than that provided for this vehicle.

⚠ Do not jack up the vehicle too high.

⚠ During the lift, constantly observe the vehicle condition. If you feel that the vehicle body tilts obviously or moves abnormally, you shall stop the lift, find out the problem, and then carry out the lift.

Install the spare tire

⚠ Do not use spare tire that have been damaged or have reached the limit of wear. Avoid using tire older than 6 years.

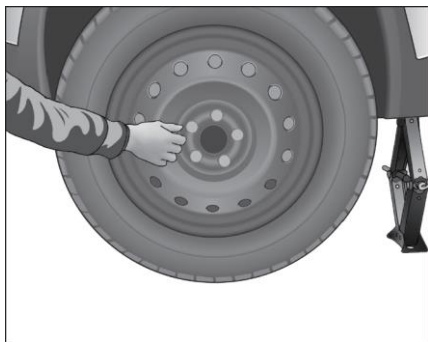
⚠ After installing the spare tire, check the tire pressure and adjust it to the specified range.

⚠ The spare tire is only used for emergency. When the spare tire is installed, drive carefully, keep the speed under 80km/h, and avoid rapid acceleration and emergency brake as much as possible.

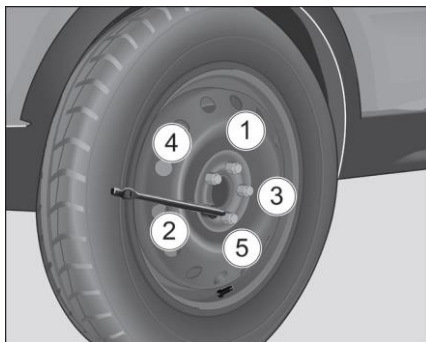


1. Align the spare tire mounting hole with that on the brake disc and fit it on the wheel hub;

👁 Before installing the spare tire, all dirt and grime from the contact between the wheel and the brake disc must be removed.



2. Install all the wheel nuts, tighten all the wheel nuts by hand as much as possible, and then pre-tighten them with a wheel nut wrench to confirm that the wheel is fully geared;
3. Turn the jack assembly handle counterclockwise to lower the vehicle;



4. Tighten the wheel nuts clockwise with a wheel nut spanner. Do not use any other wheel nut to apply force, such as hammer or barrel. Make sure that the spanner is completely on the nut.
5. Tighten the wheel nuts successively and evenly in the diagonal sequence as shown in the figure ① to ⑤. The specified torque is $110 \pm 10 \text{ N}\cdot\text{m}$.

⚠ The threads on the wheel nuts and hub must be kept clean and free of grease and other attachments.

⚠ Be sure to tighten the wheel nuts correctly according to the specified tightening torque, otherwise the nuts may get loose when the vehicle is running, which can easily cause accidents.

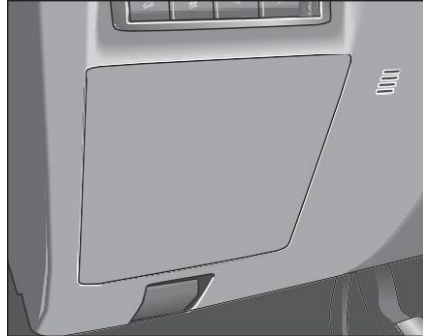
⚠ Tighten the wheel nut with the wheel nut wrench provided with the vehicle, but it is not possible to confirm the torque value. Control the speed reasonably while driving, avoid rapid acceleration and emergency brake, and go to the dealership of BAIC Motor as soon as possible to check and ensure that the wheel nuts reach the specified torque.

👁 When replacing the wheels, if the nuts are found to be corroded or difficult to screw, the nuts must be replaced, with the threaded holes cleaned.

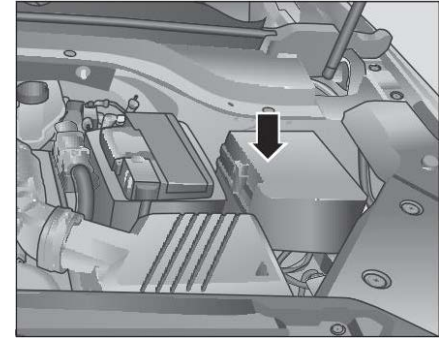
👁 After installing the spare tire, go to the dealership of BAIC Motor for repair as soon as possible. After the faulty wheel is repaired, replace the spare tire immediately.

Tool parts return

- The replaced faulty wheel shall be placed properly.
- The used driver's tools should be cleaned in time and put back in the original gear.
- Do not forget to retrieve the warning triangle after replacing the wheel.

Fuse**Fuse box of the dashboard**

The dashboard fuse box is located on the lower left side of the dashboard and can be seen by removing the fuse box cover on the dashboard.

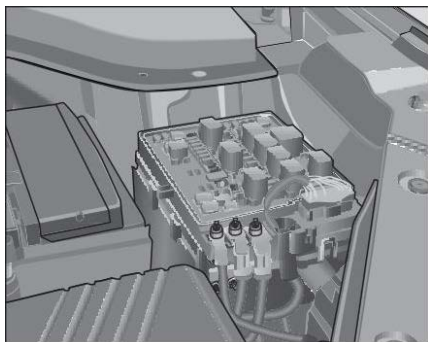
Engine compartment fuse box

The engine compartment fuse box is on the left side of the engine compartment.

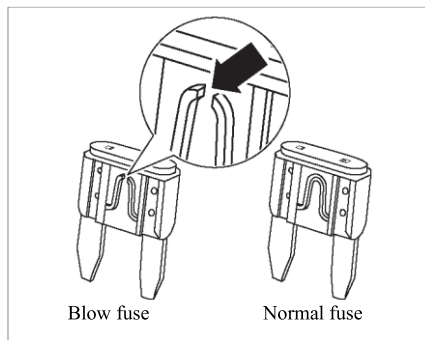
Check and replace fuse

If one of your electrical devices stops working, you should first check whether it is caused by fuse damage. Depending on the fuse specification and function list, you can determine the component is controlled by which fuse or which fuses.

Replace all damaged fuse and check the electrical devices for proper operation before you can confirm that the damaged fuse is faulty. If the fault still exists, contact the dealership of BAIC Motor for inspection and repair.



Pull out the fuse with the fuse extractor on the fuse box cover.



Pull out the fuse corresponding to the electrical devices that has stopped working and check it.

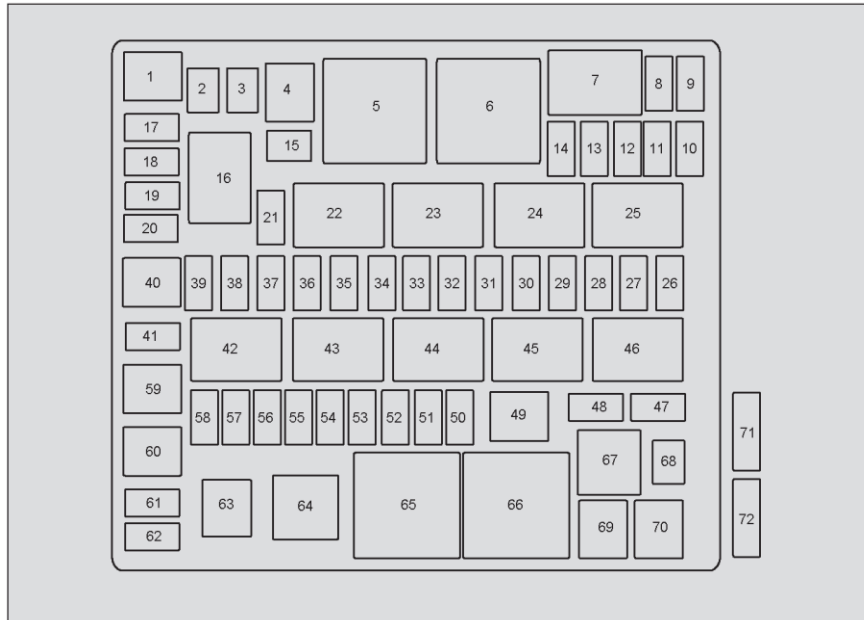
Check whether the wire in the fuse is blown. If it has been blown (the fuse shown is disconnected), replace it with a spare fuse of the same or lower amperage.

If the substitute fuse of the same rated value burns out again in a short time, it indicates that the vehicle may have a serious electrical problem. Do not use the faulty electrical devices, leave the blown fuse in the fuse box, and contact the dealership of BAIC Motor for troubleshooting.

i If the vehicle cannot be moved because there is no spare fuse available, a fuse of the same or lower amperage can be removed from another circuit and used instead. Make sure that the electrical devices will not be used temporarily and will not affect driving vehicle, such as the 12V power supply or radio fuse.

e If you replace a blown fuse with a spare fuse with a lower amperage rating, replace it with a properly rated fuse as soon as possible if the fault is corrected.

Arrangement of engine compartment fuse box



⚠ It is forbidden to use other articles instead of fuse to avoid damaging the vehicle and even causing fire or casualties.

⚠ The use of inappropriate fuses may cause fire or casualties.

i For different models, the fuse may be slightly different, please check the actual vehicle.

i Some electrical appliances may have multiple fuse, or multiple electrical appliances may share a fuse.

Accident handling

Engine compartment fuse specifications and functions

No.	Specification	Protected Circuit
1	40A	ESP
2	-	Reserved
3	30A	TCU
4	40A	Blower
5	-	Blower relay
6	-	Reserved
7	-	Main relay
8	15A	TCU
9	10A	EMS
10	15A	Ignition coil
11	10A	Front/rear oxygen sensor
12	10A	OCV
13	10A	Fuel injector
14	5A	Start feedback signal
15-18	-	Reserved
19	10A	Right front combination lamp

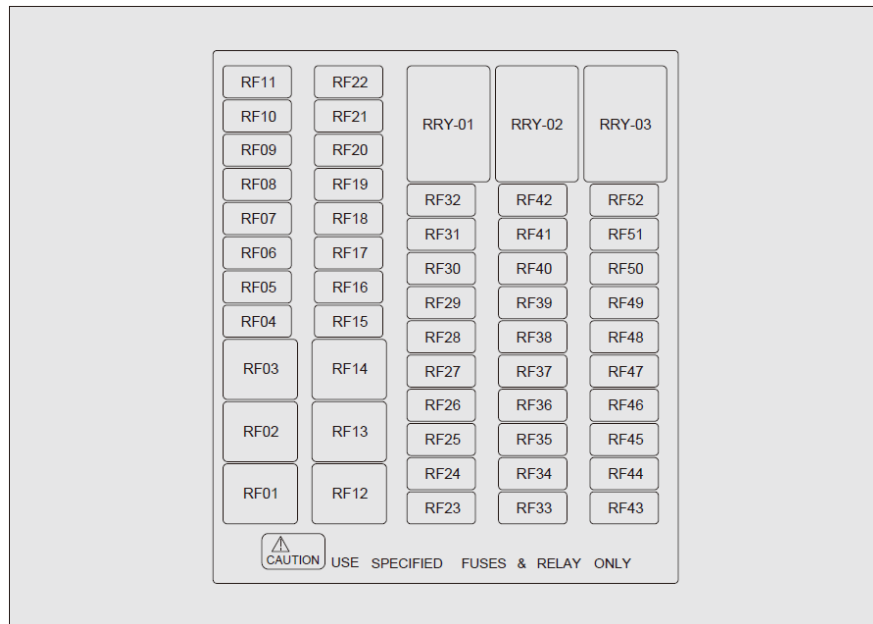
No.	Specification	Protected Circuit
20-21	-	Reserved
22	-	IG2 relay
23	-	Front wiper low-speed relay
24	-	Front wiper high-speed relay
25	-	Rear wiper relay
26	10A	Rear wiper
27	15A	Horn
28	10A	Right front fog lamp
29	10A	Left front fog lamp
30	20A	Electronic vacuum pump
31	-	Reserved
32	10A	Preceding wash
33	10A	A/C compressor
34	20A	Front wiper low/high
35	30A	IG2
36	10A	Left front combination lamp
37	10A	Cross lamp

No.	Specification	Protected Circuit
38	5A	IBS
39	10A	Brake switch power supply
40	-	Reserved
41	-	Reserved
42	-	Rear defroster relay Accessories relay
43	-	Reserved
44	-	IG1 relay
45	-	Reserved
46	-	Starter relay
47	10A	High Beam
48	-	Reserved
49	-	Reserved
50	-	Reserved
51	-	Reserved
52	30A	IG1
53	-	Reserved
54	20A	Oil pump

No.	Specification	Protected Circuit
55	5A	EPS IG
56	5A	EMS IG
57	5A	Side mirror heating
58	30A	Rear defrosting
59	-	Reserved
60	40A	ESP
61	5A	ESP IG
62	5A	TCU
63	50A	IEC2
64	-	Fuel pump relay
65	-	Reserved
66	-	Reserved
67	-	High Beam relay
68	30A	Starter
69	60A	EPS
70	60A	IEC1
71	150A	Alternator

No.	Specification	Protected Circuit
72	60A	PWM fan

Arrangement of the dashboard fuse box



⚠ It is forbidden to use other articles instead of fuse to avoid damaging the vehicle and even causing fire or casualties.

⚠ The use of inappropriate fuses may cause fire or casualties.

i For different models, the fuse may be slightly different, please check the actual vehicle.

i Some electrical appliances may have multiple fuse, or multiple electrical appliances may share a fuse.

Specifications and functions of dashboard fuse

No.	Specification	Protected Circuit
F01	30A	Driver electric seat A*
F02	30A	Driver electric seat C*
F03	20A	Radio
F04	20A	Radio
F05	20A	Sunroof
F06	10A	Dash-cam*
F07	10A	Air Conditioning Controller
F08	10A	BDC
F09	10A	Gateway
F10	10A	Instrument cluster
F11	20A	Driver's electric seat B*
F12	30A	BDC
F13	30A	Electric liftgate controller
F14	30A	BDC
F15	20A	Left front window lifter
F16	20A	Right front window lifter


No.	Specification	Protected Circuit
F17	20A	Left rear window lifter
F18	20A	Right rear window lifter
F19	25A	Power amplifier
F20	25A	Rear seat
F21	15A	Turning wheel heating
F22	15A	Rear combination lights
F23	15A	12V power supply
F24	5A	BDC power supply
F25	10A	Sound power supply
F26-28	-	Reserved
F29	10A	Seat massage
F30	10A	BDC
F31	15A	BDC
F32	15A	BDC
F33	5A	Electronic gear shifter IG1
F34	5A	Instrument cluster IG1
F35	10A	Airbag controller


No.	Specification	Protected Circuit
F36	5A	Reverse sensor IG1
F37	10A	A/C controller IG1
F38	5A	Millimeter-wave radar IG1
F39-42	-	Reserved
F43	15A	On-board power supply IG2
F44	10A	USB
F45	10A	A/C controller IG2
F46	5A	BDC IG2
F47	5A	Dashboard switch IG2
F48-49	-	Reserved
F50	10A	BDC
F51	15A	BDC
F52	-	Reserved
RRY-01	-	Reserved
RRY-02	-	Reserved
RRY-03	-	Reserved

Replacement of bulb

Turn signal lamp, brake lamp and headlamp are related to safe driving. Check the light of the vehicle before driving the vehicle.


When replacing bulbs, other relevant parts need to be removed, and some bulbs can only be replaced from the engine compartment. This is a complex situation that requires specialized skills and tools. It is recommended to go to the dealership of BAIC Motor for bulb replacement.

 When the bulb is just extinguished, it may be very hot. Wait for the bulb to cool down before replacing it.

 Do not touch the bulb directly by hand. You can use a cloth without fuzz to wrap it to avoid affecting the light.

Specifications of bulb


Lamp name	Model	Qty	Light color
Front turning light	PY21W*	One on each side.	Amber
	LED	-	Amber
Indoor Front ceiling lamp	C10W*	2	White
	LED	-	White
Door light	W5W*	1	White


 The front position lamp, daytime running lamp, low beam, high beam, front fog lamp, brake lamp, rear position lamp, rear turn signal lamp, backup lamp, license plate lamp, rear fog lamp, trunk lamp, glove box lamp, ambient lamp, high-mounted brake lamp, side turn signal lamp and rear dome lamp are all LED lamps. LED light cannot be replaced individually. It is recommended to go to the dealership of BAIC Motor for inspection and replacement.


Jump start


If the engine cannot be started due to excessive discharge of the battery, the battery of other vehicles can be used to start the engine by jumper cable, and the following points shall be noted:

- The rated voltage of the power supply battery must be above 12V, and its capacity (Ah) must not be lower than the fault battery.
- Only use jumper cable with sufficient cross-section.
- Only use jumper cable with insulated electrode clamps.

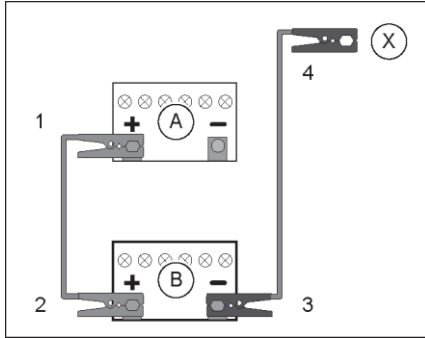
 Do not touch the two vehicles during jump start. Otherwise, once the positive poles of the two batteries are connected, the current is immediately connected, and danger may occur.

 Before operation for the battery, be sure to carefully read and follow the safety warnings related to battery operation.

 Explosive hydrogen may exist near the battery. The battery must stay away from sparks and open flames.

 Do not charge the frozen battery, there is a risk of explosion! Even thawed battery, battery acid may escape during charging, causing corrosion damage. The frozen battery must be replaced.

When bridging the battery, first connect the anode terminal, and then the cathode terminal.



1. Turn off the Start/Stop button;
2. Connect one end ① of the red cable to the positive pole (+) of the flat battery "A";
3. Connect the other end ② to the positive pole (+) of the power supply battery "B";

4. Connect one end ③ of the black cable to the negative pole (-) of the power supply battery "B" and the other end ④ to the engine block of the flat battery "A" or the metal part fixedly connected to the engine block;
5. Start the vehicle with the power battery installed to run it at idle speed, and then start the vehicle of the battery without power. After starting the vehicle with a flat battery, it needs to run for a while to allow the motor to recharge the battery.

⚠ Improper use of the jumper cable may cause battery explosion that seriously injures people.

- The engine compartment is a high-risk area. Improper operation can easily lead to casualties.
- Do not connect the negative jumper cable directly to the negative terminal of the faulty battery. Otherwise, the spark generated at the moment of cables connection may ignite the combustible gas generated by the battery, causing an explosion.

- Do not connect the negative jumper cable to the parts or pipelines of the fuel system, otherwise there is a risk of fire.
- Never bend over to the battery during operation to prevent burns by acid.
- Never bring the open flame close to the battery; otherwise, explosion may occur.

👁 When attaching or removing jumper cable, fully attach or remove one jumper cable before attaching or removing another jumper cable. Do not cause short circuit.

👁 When removing the jumper cable, keep the faulty vehicle engine operating at idle speed in case of stalling.

Dragging, towing

Vehicle towing

It is recommended to contact a dealership of BAIC Motor or a professional vehicle roadside rescue company for rescue. When contacting them, advise them of the type of transmission, whether the turning, brakes and transmission system are working, so as to adopt the appropriate towing method.

When towing the vehicle, proper towing equipment can protect the vehicle from damage. Professional vehicle roadside rescue personnel are familiar with traffic laws, and they can be called upon for assistance!

Use of flatbed rescue vehicle



The best method of towing is to load and fix the faulty vehicle onto the rescue truck, which must be preferentially adopted when the vehicle requires towing in an accident.

👁️ After loading the faulty vehicle onto the rescue vehicle, EPB shall be applied to the faulty vehicle and all four wheels shall be secured to prevent the faulty vehicle from moving during emergency brake of the rescue vehicle.

Towing from the front



Release the EPB of the faulty vehicle (push down the AUTOHOLD switch and hold it for more than 3 s before turning off the Start/Stop button, and turn off the power supply of the whole vehicle), lift and fix the front wheel. When lifting the front wheel of the faulty vehicle, make sure that the rear has proper ground clearance.

👁️ When lifting the front wheel of the faulty vehicle, make sure that the rear has proper ground clearance. Otherwise, the rear bumper of the faulty vehicle may bump against the ground during towing, causing damage.

Tow from the rear



Release the EPB of the faulty vehicle, lift and secure the rear wheel, and secure the front wheel to the scooter.

Emergency tow

In an emergency, if the special trailer tow cannot be used, the trailer hook can be used temporarily to tow the vehicle. When preparing for the tow, the driver and rescuers shall carefully read the following precautions.

⚠ The tow vehicle must turn on the hazard warning light and obey the traffic laws.

⚠ Before towing, make sure that the brake, transmission, turning system and transmission system are all in working state. If the above-mentioned system is damaged, it must be loaded and towed by a flat-bed rescue vehicle.

⚠ It is strictly prohibited to tow the vehicle that the battery has no power or automatic gearbox malfunction.

⚠ If the vehicle gets stuck in silt, deep pothole or sands and cannot move, it is recommended to seek professional rescue. Do not use the towing eye for towing vehicles and relieving it from the trouble, so as to avoid serious personal injuries and vehicle damages.

⚠ Do not tow a starting vehicle.

⚠ Inexperienced driver shall not try to tow other vehicle to prevent accidents.

⚠ When towing the vehicle, be sure to carry it out under the guidance of professionals to avoid unnecessary injuries.

👁 The towing vehicle must not be lighter than the towed vehicle, otherwise the vehicle may lose control.

👁 Short distance towing can only be carried out on hard road surfaces with a maximum allowable speed of 40 km/h and a maximum towing distance of 25 km.

👁 Before towing, the ignition switch of the towed vehicle shall be turned on, the gear shall be shifted to the "N" position, and the parking brake shall be released.

👁 The towing vehicle should slowly start and drive until the traction rope is taut, and then carefully accelerate. If braking is required during the driving process, the driver of the towed vehicle should slowly step on the brake pedal in advance to brake.

👁 If the towed vehicle is difficult to move, do not continue to force the vehicle to be towed, and contact the dealership of BAIC Motor.

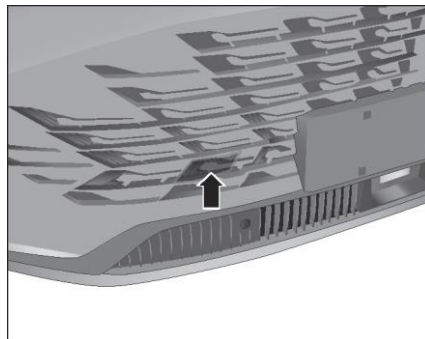
👁 When towing, excessive traction or violent traction should be avoided. It is necessary to ensure that the traction rope is always in a tight state. When towing on uneven roads, the traction connection point will be overloaded or even damaged.

Accident handling

ⓘ When towing the vehicle with wire ropes, metal chains or metal trailer bars, it may cause damage to the body. It is recommended to use special tow ropes to tow the vehicle.

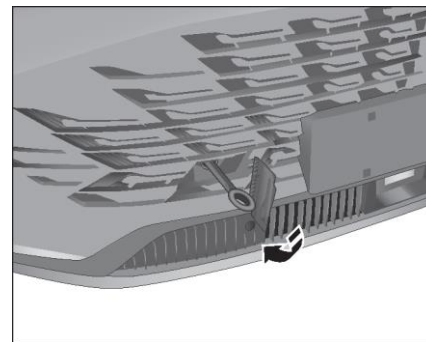
ⓘ Be careful to keep the tow rope and the front and rear vehicle in the same straight line, if the vehicle is towed in diagonal direction, the body may be damaged.

Vehicle front towing eye

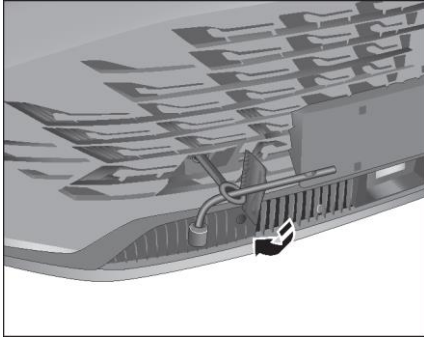


1. Take out the wheel wrench and removable towing eye from the tool kit in the trunk;
2. Insert a slotted screwdriver into the lower square opening of the towing eye mounting hole cover and tilt it up to open it;

ⓘ When opening, the tool fulcrum position shall be protected with a towel or multiple layers of tissue before opening.

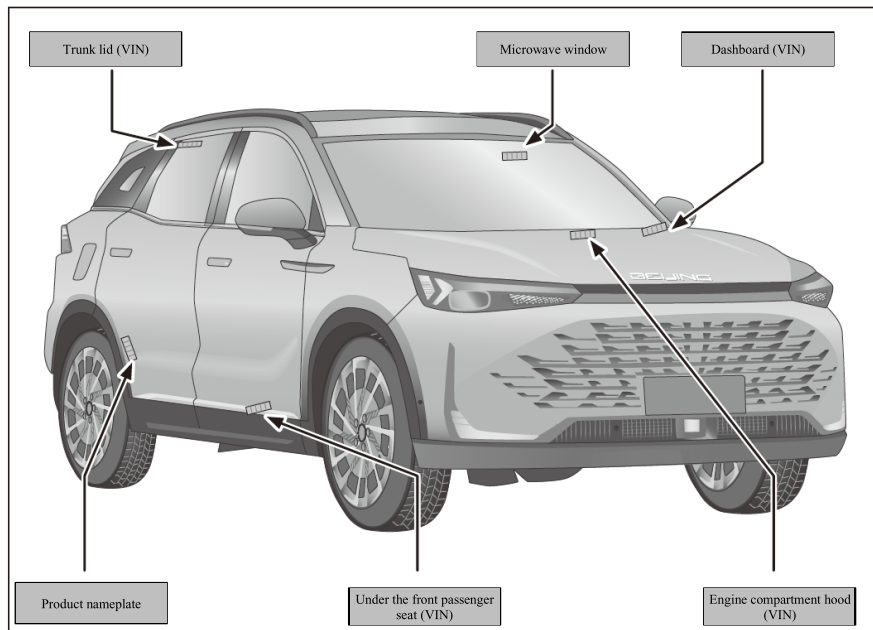


3. Screw the towing eye into the towing eye mounting hole clockwise by hand;




4. Firmly tighten the towing eye with the dismantling wrench of the wheel.

Identification code, nameplate and microwave window of vehicle



The vehicle identification number (VIN) is the unique identification number of the vehicle, which is displayed on the front and back of the vehicle, with the paste position shown in the figure (the figure only shows part of VIN on the vehicle).

 The Vehicle Identification Number (VIN) already marked under the front passenger seat will be re-marked or changed due to VIN marking equipment failure or check digit calculation error. In this case, the normal operation of the customer will not be affected.

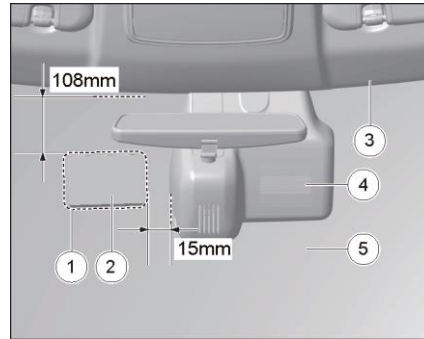
Vehicle product nameplate



The vehicle nameplate is located on the C-pillar sheet metal of the right side outer panel of the body and contains the following information:

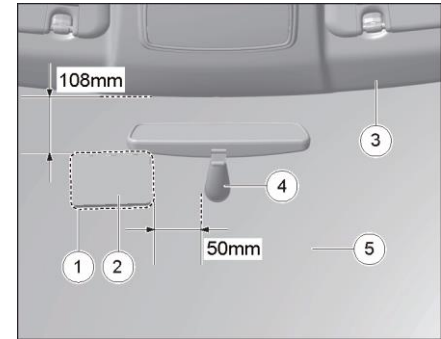
1. Vehicle manufacturer;
2. Vehicle Identification Number (VIN);
3. Brand and vehicle model;
4. Engine model;
5. Maximum net power of the engine;
6. Engine displacement;
7. GVW;
8. Number of occupants;
9. Date of manufacture.

Microwave window



- ① Microwave window
- ② Electronic identification
- ③ Ceiling
- ④ Side mirror base*
- ⑤ Windshield

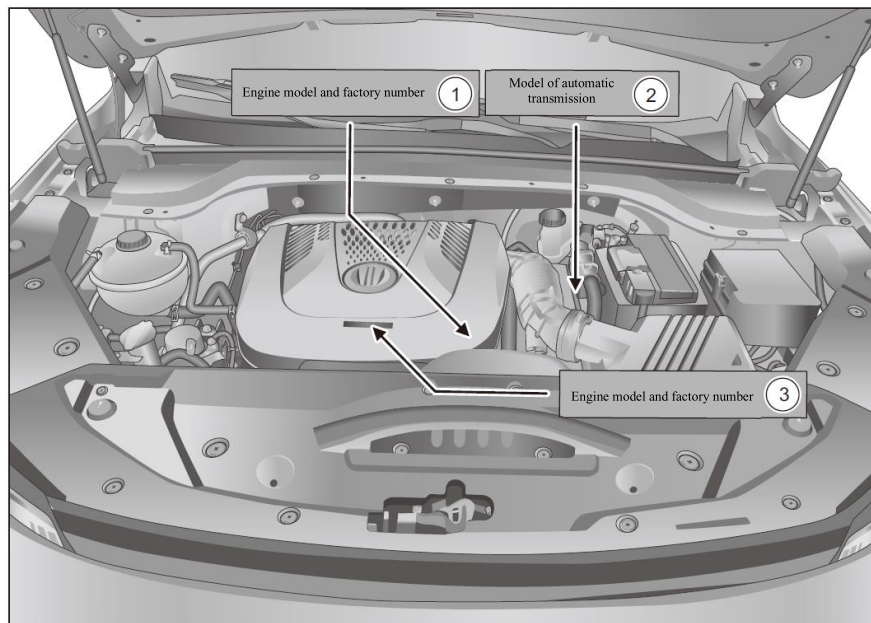
The microwave window is located on the windshield and is used to install the electronic signage. Film pasting, heating wire, etc. are not allowed at the installation position to ensure effective reading of data.



- ① Microwave window
- ② Electronic identification
- ③ Ceiling
- ④ Side mirror base*
- ⑤ Windshield

The microwave window is located on the windshield and is used to install the electronic signage. Film pasting, heating wire, etc. are not allowed at the installation position to ensure effective reading of data.

Vehicle engine and transmission model



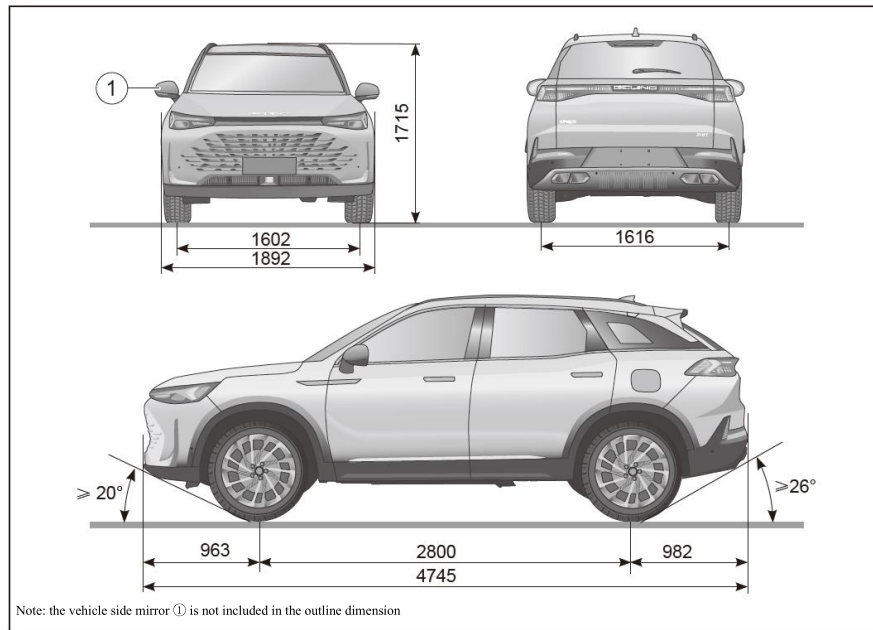
The engine model and factory number ① are located on the engine housing near the starter.

Automatic transmission model ② is located on the transmission housing.

i Engine model and factory number ③ label, and stuck to the engine trim cover.

Vehicle parameters

Dimensions



Unit: mm

Technical data

General technical characteristics

Model No.	BJ6470X61M
Vehicle length (mm)	4745
Vehicle width (mm) (excluding side mirror)	1892
Height of vehicle (mm) (no load)	1715 (including luggage rack/shark fin antenna)
Wheelbase (mm)	2800
Front wheel track width (mm)	1602
Rear wheel track (mm)	1616
Front suspension (mm)	963
Rear suspension (mm)	982
Driving mode	Front wheel drive
Maximum climbing gradient (%)	≥42
Approach/departure angle	20°/26°
Max.speed (km/h)	200
Empty vehicle mass (kg)	1625
Front/rear axle load of the kerb mass (kg)	922/703
Max. permissible gross load (kg)	2095
Front/rear axle load under GVW (kg)	1055/1040
Number of seats (including the driver's seat)	5
Engine model	A156T2H
Engine type	In-line four-cylinder, water-cooled, in-cylinder direct injection gasoline engine
Transmission type	7DCT
Emission level	National VI

Technical data

Model No.		BJ6470X61M	
Fuel		Lead-free gasoline of 92 # and above	
Displacement of engine (mL)		1498	
Cylinder diameter & stroke (mm)		74.5×85.9	
Compression ratio		10.7:1	
Maximum net power (kW/rpm)		130/5500	
Rated power (kW/rpm)		138/5500	
Maximum net torque/RPM (N·m/rpm)		300/(1500-4250)	
Idle speed (r/min)		700 ± 30 (A/C off)	
Ignition sequence		1-3-4-2	
Distance from the initial gear of the brake pedal to the carpet (mm) (vertical height)		172	
Free stroke of brake pedal (mm)		6-14	
Pedal force of brake pedal (N)		< 500	
Residual unbalance of wheel assembly		Initial inspection ≤ 6g, re-inspection ≤ 8g	
Wheel alignment parameter	Wheel camber	Front Wheel	0°20'±30' (the difference between the values for left and right sides shall not exceed 30')
		Rear Wheel	-0°30'±15' (the difference between left and right sides shall not exceed 15')
	Kingpin inclination	Front Wheel	13°12'±1°30' (the difference between left and right sides shall not exceed 1°30')
	Caster angle	Front Wheel	3°50'±30' (the difference between left and right sides shall not exceed 30')
	Toe-in	Front wheel (unilateral)	0°3'±5' (the difference between left and right sides shall not exceed 5')
		Rear wheel (single side)	0°3'±3' (the difference between left and right sides shall not exceed 5')

Technical data

Model No.		BJ6470X61M	
Wheel	Driving wheel	Specification of tire	235/60 R18 103H
			235/55 R19 101V
			245/45 R20 103V
		Rim dimension	18x7J
			19x7.5J
			20x8J
		Tire pressure	235/60 R18 220kPa
			235/55 R19 220kPa
			245/45 R20 230kPa
	Spare Tire	Specification of tire	T135/90R17
		Rim dimension	17x4T
		Tire pressure	420kPa
Front brake disc thickness (mm)		Normal dimensions	28
		Wear limit	26
Thickness of front brake (mm)		Normal dimensions	11
		Wear limit	2
Rear brake disc thickness (mm)		Normal dimensions	11
		Wear limit	9
Thickness of the rear brake pad (mm)		Normal dimensions	10
		Wear limit	2

Technical data

Model No.	BJ6470X61M
Volume of fuel tank (L)	60
Comprehensive fuel consumption (L/100 km)	7.39

Note: the oil amount consumption per 100 km is obtained by low/medium/high/ultra-high speed driving according to the model configured by the equipment normal. The oil amount consumption is based on the national standard WLTC driving cycle. Actual fuel consumption is related to driving habits, environmental factors, road conditions and vehicle weight.

Technical data

Main fluid specification and capacity

Name of fluid	Specification	Filling amount of vehicle
Engine Oil	SP/C50 0W-20, engine oil ash by weight $\leq 0.8\%$	4.7L (filling amount for maintenance)
Automatic transmission lubricant	PetroChina Kunlun DCTF-7S	5L
Coolant	All organic coolant (freezing point $\leq -40^{\circ}\text{C}$)	6.98~7.02L
Windshield washing liquid	Water-based low temperature windscreen washer fluid (freezing point $\leq -35^{\circ}\text{C}$)	1.5L (volume 3L)
Brake fluid	DOT 4/DOT 4+	1.1L
A/C refrigerant	HFC-134a	570g

Note:

1. The above capacity is approximate, and the actual amount used may vary slightly;
2. Unless otherwise specified, the capacity in this table is the design value, and manufacturer is entitled to adjust the practical consumption according to the changes of products, equipment and climate;
3. The maintenance filling volume in this table is recommended, and the specific filling volume shall be judged according to the dipstick;
4. The specific filling brake fluid model shall be consistent with that of the brake reservoir cap, and different brake fluid model shall not be mixed.

Maintenance specifications

The maintenance of this vehicle is divided into "general service conditions" and "severe service conditions". Please carry out the corresponding maintenance method according to the service conditions.

If not "severe service conditions", it is "general service conditions".

The following cases are "severe service conditions":

- The vehicle often travels in dusty areas or is often exposed to salt air or salt water.
- Frequent travelling on rough, ponding or mountain roads.
- The vehicle often travels in cold areas.
- In the cold season, the engine travels at run it at idle speed for a long time or often for short distances.
- Frequent use of brakes and frequent emergency brake.
- Vehicle tow.
- Overload driving.
- Use as a rental car or a self-drive rental car.

- Drive the vehicle slowly for more than 50% of the total trip time in congested urban areas at high temperatures above 32°C.
- More than 50% of the total trip time is spent driving the vehicle at a speed above 120 km/h in the high temperature above 30°C.

i In any case, you must go to the dealership of BAIC Motor for inspecting and repairing the vehicle as to failure of components or any other abnormality, and keep records for maintenance.

Maintenance information

Maintenance information sheet

Regular service	First maintenance	Regular service	Additional instructions
Engine oil	●	●	Replace every 5,000 km/6 months under severe service conditions
Engine oil filter	●	●	Replace every 5,000 km/6 months under severe service conditions
Oil drain plug washer	●	●	Replace with the engine oil at the same time
Transmission oil and filter element	—	—	Replace for every 60,000 km
Spark plug	—	—	Replace every 40,000 km
Fuel filter	—	—	The fuel filter is integrated into the oil pump and the replacement distance is 10 years or 160,000 kilometers, whichever comes first. (Pay attention to the vehicle condition during maintenance, and replace it every 80,000km/3 years in bad oil area, whichever comes first)
Air filter element	—	—	Under general use conditions, conduct cleaning every 10,000 km/6 months (whichever comes first), and replace it every 20,000 km/1 year (whichever comes first) Under severe service conditions, it shall be cleaned every 5,000 km/3 months (whichever comes first), and replaced every 10,000 km/6 months (whichever comes first)
A/C filter	—	—	Clean every 10,000 km/6 months; Replace every 20,000km or 1 year (whichever comes first)
V-ribbed belt and tensioner	—	—	Check every 10,000 km or 1 year, whichever comes first, and replace it if necessary.
Engine coolant	○	○	Replace every 40,000 km or 2 years (whichever comes first)
Brake fluid	○	○	Replace every 40,000 km or 2 years (whichever comes first)

Regular service	First maintenance	Regular service	Additional instructions
Timing belt and tensioner	—	—	First inspection at 100,000 km/5 years; Afterwards, check it every 30,000 km, and replace it if necessary; Replacement must be done for 180,000 km If the timing belt is to be replaced, the timing belt tensioner and idler assembly shall be replaced simultaneously
Water pump belt	—	—	First inspection at 100,000 km/5 years, then every 30,000 km, if there is any crack or rope comes out, it must be replaced. It is recommended to replace it at 180,000 km
Front and rear brake pads: Check the brake Sheet thickness and wear condition	—	○	
Tire/hub (including spare tire)	○	○	Check the tire wear, correct the tire pressure, transpose the tire every 10,000km, and change the tire if necessary according to the tire wear
Suspension and turning rod ball joints, turning housing, drive shaft dust cover	○	○	
Radiator, brake, exhaust and fuel piping and their connections	○	○	If the hose is found to have abnormal wear, cracking, bulging, scratching, scalding and oil leakage and other adverse phenomena, it should be replaced; In spring, when willow catkins frequently occur, check whether the front end of the radiator is blocked by willow catkins every 10,000km (focus on the middle position between the condenser and the radiator).
Door hinge, trunk lid hinge, tailgate hinge	—	—	Inspect every 20,000 km/1 year (whichever comes first)
Whether the exhaust system is leaking or damaged	○	○	
Wiper and cleaning device	○	○	

Maintenance information

Regular service	First maintenance	Regular service	Additional instructions
Electrical appliances (including electric window regulator, electric side mirror, A/C, sunroof, etc.)	○	○	Clean up the dust and foreign matters in the slideways, drain holes and crevices of sealing strips. Spray some of the plastic protective agent (fluorine) or talc on the sealing strips and other plastic parts.
Computer test: Read the failure memory information in the controllers with a dedicated diagnostic unit	○	○	
Battery	○	○	
Check instrument display and interior and exterior lighting	○	○	
Service cycle reset	○	○	
Parking brake	○	○	
Check the appearance of the four-wheel shock absorbers and springs, and check the chassis fasteners for looseness, if any, tighten them to the specified torque	○	○	
Seat belt function test	○	○	
Test run: dynamic features, brake performance, smoothness, noise, gear position, etc.	○	○	

Regular service	First maintenance	Regular service	Additional instructions
Door lock buckle of four doors, liftgate lock buckle, hidden outdoor handle	—	—	Inspect every 20,000 km/1 year (whichever comes first)
Door limiter	○	●	After cleaning the surface of the limit arm every 10,000 km/1 year, apply 0.3 g of oil to the upper and lower surfaces of the second gear of the check arm

Note:

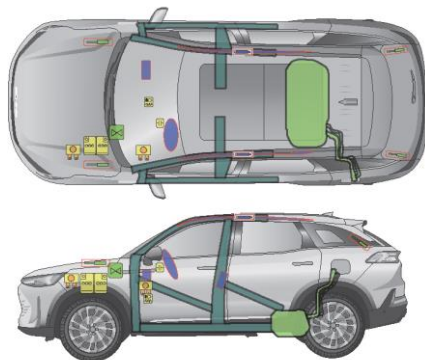
1. First maintenance of 5,000 km/6 months (subject to the vehicle purchase invoice), whichever comes first.
2. Conduct regular service every 10,000km/12 months (from the last maintenance), whichever comes first.
3. "●" means replacement; "○" means inspection; "-" means no operation or reference to additional instructions.











Rescue information

Rescue information

When a serious vehicle occurs, rescue information is used to help rescuers quickly understand the vehicle structure and potential threats, improve rescue efficiency and avoid secondary accidents.

i The side curtain airbags function is only available on select models.



	Airbag*		Gas generator
	Air spring		Structural stiffener
	Fuel tank		Vacuum pump
	Battery		Airbag control
	Fuse box		Ignition Switch